

AIRBUS

A318/A319/A320/A321

MINIMUM EQUIPMENT LIST

ISSUE DATE: 03 DEC 21

FOR TRAINING PURPOSES ONLY

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	TRANSMITTAL LETTER
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Issue date: 03 DEC 21

This is the MINIMUM EQUIPMENT LIST at issue date 03 DEC 21 for the A318/A319/A320/A321 and replacing last issue dated 27 MAY 21

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	TRANSMITTAL LETTER
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	FILING INSTRUCTIONS
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Please incorporate this revision as follow:

Localization Subsection Title	Remove	Insert
		Rev. Date
PLP-TOC TABLE OF CONTENTS	ALL	03 DEC 21
PLP-LESS LIST OF EFFECTIVE SECTIONS/SUBSECTIONS	ALL	03 DEC 21
PLP-LEDU LIST OF EFFECTIVE DOCUMENTARY UNITS	ALL	03 DEC 21
PLP-LOM LIST OF MODIFICATIONS	ALL	03 DEC 21
ME-PLP-TOC TABLE OF CONTENTS	ALL	03 DEC 21
ME-PLP-SOH SUMMARY OF HIGHLIGHTS	ALL	03 DEC 21
ME-21 Air Conditioning	ALL	03 DEC 21
ME-22 Auto Flight	ALL	03 DEC 21
ME-23 Communications	ALL	03 DEC 21
ME-24 Electrical Power	ALL	03 DEC 21
ME-26 Fire Protection	ALL	03 DEC 21
ME-27 Flight Controls	ALL	18 AUG 21
ME-28 Fuel	ALL	03 DEC 21
ME-29 Hydraulic Power	ALL	03 DEC 21
ME-32 Landing Gear	ALL	03 DEC 21
ME-34 Navigation	ALL	03 DEC 21
ME-36 Pneumatic	ALL	03 DEC 21
ME-46 Information Systems	ALL	03 DEC 21
ME-52 Doors	ALL	03 DEC 21

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Localization Subsection Title	Remove	Insert
		Rev. Date
ME-70 Engine	ALL	03 DEC 21
MI-PLP-TOC TABLE OF CONTENTS	ALL	03 DEC 21
MI-PLP-SOH SUMMARY OF HIGHLIGHTS	ALL	03 DEC 21
MI-00-01 Approval Reference	ALL	03 DEC 21
MI-21-00 MAINTENANCE Messages on the STATUS SD page	ALL	03 DEC 21
MI-21-51 Pack Flow Control	ALL	03 DEC 21
MI-21-52 Air Cooling System	ALL	03 DEC 21
MI-21-61 Pack Temperature Control	ALL	03 DEC 21
MI-21-63 Cockpit and Cabin Temperature Control	ALL	03 DEC 21
MI-22-70 Flight Management System (FMS)	ALL	03 DEC 21
MI-22-81-01 Auto Flight Control Panel (FCU)	ALL	03 DEC 21
MI-22-81-02 EFIS Control Panel (FCU)	ALL	03 DEC 21
MI-22-81-03 FCU Channel	ALL	03 DEC 21
MI-22-83 Flight Management and Guidance Computer (FMGC)	ALL	03 DEC 21
MI-23-10 Speech Communication	ALL	03 DEC 21
MI-23-13 Radio Management	ALL	03 DEC 21
MI-23-20 Data Transmission and Automatic Calling	ALL	03 DEC 21
MI-23-73-01 Cabin Intercommunication Data System (CIDS)	ALL	03 DEC 21
MI-23-73-03 DEU B	ALL	03 DEC 21
MI-23-74 Cabin Crew Panel	ALL	03 DEC 21

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Localization Subsection Title	Remove	Insert
		Rev. Date
MI-23-99 Controller Pilot Data Link Communications, CPDLC	ALL	03 DEC 21
MI-24-01-01 ELEC Overhead Panel	ALL	03 DEC 21
MI-24-09 ECAM Alerts	ALL	03 DEC 21
MI-24-22 AC Main Generation	ALL	03 DEC 21
MI-24-23 AC Auxiliary Generation	ALL	03 DEC 21
MI-24-26 Galley and Commercial Supply System	ALL	03 DEC 21
MI-24-32 DC Main Generation (TR 1, TR 2)	ALL	03 DEC 21
MI-25-07 Indications on the DOOR/OXY SD page	ALL	03 DEC 21
MI-25-12 Third and Fourth Occupant Seats	ALL	03 DEC 21
MI-25-50 Cargo Compartments	ALL	03 DEC 21
MI-25-62 Cabin Escape Facilities	ALL	03 DEC 21
MI-26-00 MAINTENANCE Message on the STATUS SD page	ALL	03 DEC 21
MI-26-01-02 CARGO SMOKE Overhead Panel	ALL	03 DEC 21
MI-26-17 Lavatory Smoke Detection	ALL	03 DEC 21
MI-26-23 Cargo Compartment Fire Extinguishing	ALL	03 DEC 21
MI-27-14 Aileron and Hydraulic Actuation	ALL	03 DEC 21
MI-27-64 Spoiler Hydraulic Actuation	ALL	03 DEC 21
MI-27-92 Electrical Flight Control System (EFCS) Control Inputs and Power Supply	ALL	03 DEC 21
MI-27-93 ELAC System (Elevator Aileron Computer)	ALL	03 DEC 21
MI-27-94 SEC System (Spoiler and Elevator Computer)	ALL	03 DEC 21

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Localization Subsection Title	Remove	Insert
		Rev. Date
MI-28-21 Main Fuel Pump System	ALL	03 DEC 21
MI-28-43 Manual Magnetic Indicators	ALL	03 DEC 21
MI-29-07 Indications on the HYD SD page	ALL	03 DEC 21
MI-29-09 ECAM Alerts	ALL	03 DEC 21
MI-29-10 Main Hydraulic Power	ALL	03 DEC 21
MI-30-21 Engine Air Intake Ice Protection	ALL	03 DEC 21
MI-30-81 Ice Detection	ALL	03 DEC 21
MI-31-07 Indications on the System Display (SD)	ALL	03 DEC 21
MI-31-38 Up and Down Data Loading System Acquisition/Interface and Equipment	ALL	03 DEC 21
MI-31-62 Display Management Computer (DMC)	ALL	03 DEC 21
MI-31-63 Display Unit (DU)	ALL	03 DEC 21
MI-32-07 Indications on the WHEEL SD page	ALL	03 DEC 21
MI-32-42 Normal Braking	ALL	03 DEC 21
MI-32-44 Alternate Braking	ALL	03 DEC 21
MI-33-51 Cabin Emergency Lighting	ALL	03 DEC 21
MI-34-05 Indications on the Primary Flight Display (PFD)	ALL	03 DEC 21
MI-34-06 Indications on the Navigation Display (ND)	ALL	03 DEC 21
MI-34-10 Air Data/Inertial Reference System (ADIRS)	ALL	03 DEC 21
MI-34-21 Altitude and Airspeed Standby Data	ALL	03 DEC 21
MI-34-22 Attitude and Heading Standby Data	ALL	03 DEC 21

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Localization Subsection Title	Remove	Insert Rev. Date
MI-34-23 Integrated Standby Instrument System (ISIS)	ALL	03 DEC 21
MI-34-30 Landing and Taxiing Aid	ALL	03 DEC 21
MI-34-40 GPWS, Radio Altimeter, TCAS, Weather Radar	ALL	03 DEC 21
MI-34-50 ATC and Radio/GPS Navigation Systems	ALL	03 DEC 21
MI-36-09 ECAM Alerts	ALL	03 DEC 21
MI-36-11 Engine Bleed Air Supply System	ALL	03 DEC 21
MI-36-22 Leak Detection Loop	ALL	03 DEC 21
MI-46-21 Air Traffic and Information Management System	ALL	03 DEC 21
MI-52-07 Indications on the DOOR/OXY SD page	ALL	03 DEC 21
MI-73-07 Indications on the ENGINE SD page	ALL	03 DEC 21
MI-73-08 Indications on the EWD	ALL	03 DEC 21
MI-73-10 Distribution	ALL	03 DEC 21
MI-73-20 Controlling	ALL	03 DEC 21
MI-74-09 ECAM Alert	ALL	03 DEC 21
MI-74-31 Ignition Starting and Continuous Relight	ALL	03 DEC 21
MI-77-08 Indications on the EWD	ALL	03 DEC 21
MI-78-08 Indications on the EWD	ALL	03 DEC 21
MI-78-30 Thrust Reversers	ALL	03 DEC 21
MI-79-07 Indications on the ENGINE SD page	ALL	03 DEC 21
MI-79-09 ECAM Alerts	ALL	03 DEC 21

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Localization Subsection Title	Remove	Insert
		Rev. Date
MI-79-20 Distribution	ALL	03 DEC 21
MO-PLP-TOC TABLE OF CONTENTS	ALL	03 DEC 21
MO-PLP-SOH SUMMARY OF HIGHLIGHTS	ALL	03 DEC 21
MO-21-23 Lavatory and Galley Ventilation	ALL	03 DEC 21
MO-21-31 Pressure Control and Monitoring	ALL	03 DEC 21
MO-21-61 Pack Temperature Control	ALL	03 DEC 21
MO-21-63 Cockpit and Cabin Temperature Control	ALL	03 DEC 21
MO-23-20 Data Transmission and Automatic Calling	ALL	03 DEC 21
MO-24-01-01 ELEC Overhead Panel	ALL	03 DEC 21
MO-24-07 Indications on the ELEC SD page	ALL	03 DEC 21
MO-24-09 ECAM Alerts	ALL	03 DEC 21
MO-24-22 AC Main Generation	ALL	03 DEC 21
MO-24-23 AC Auxiliary Generation	ALL	18 AUG 21
MO-27-64 Spoiler Hydraulic Actuation	ALL	03 DEC 21
MO-27-92 Electrical Flight Control System (EFCS) Control Inputs and Power Supply	ALL	03 MAR 21
MO-28-20 Distribution	ALL	03 DEC 21
MO-30-11 Wing Ice Protection	ALL	03 MAR 21
MO-30-21 Engine Air Intake Ice Protection	ALL	03 MAR 21
MO-30-31 Probe Ice Protection	ALL	03 DEC 21
MO-30-81 Ice Detection	ALL	03 DEC 21

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Localization Subsection Title	Remove	Insert
		Rev. Date
MO-31-07 Indications on the System Display (SD)	ALL	03 DEC 21
MO-32-07 Indications on the WHEEL SD page	ALL	03 DEC 21
MO-32-31 Normal Extension and Retraction	ALL	03 DEC 21
MO-32-32 Proximity Detector System	ALL	03 DEC 21
MO-32-42 Normal Braking	ALL	03 MAR 21
MO-32-51 Steering	ALL	03 DEC 21
MO-34-10 Air Data/Inertial Reference System (ADIRS)	ALL	03 DEC 21
MO-34-21 Altitude and Airspeed Standby Data	ALL	03 DEC 21
MO-34-22 Attitude and Heading Standby Data	ALL	03 DEC 21
MO-34-40 GPWS, Radio Altimeter, TCAS, Weather Radar	ALL	03 DEC 21
MO-34-50 ATC and Radio/GPS Navigation Systems	ALL	03 DEC 21
MO-36-09 ECAM Alerts	ALL	03 DEC 21
MO-36-11 Engine Bleed Air Supply System	ALL	03 DEC 21
MO-36-22 Leak Detection Loop	ALL	03 DEC 21
MO-46-21 Air Traffic and Information Management System	ALL	03 DEC 21
MO-73-20 Controlling	ALL	03 MAR 21
MO-74-31 Ignition Starting and Continuous Relight	ALL	03 DEC 21
MO-78-30 Thrust Reversers	ALL	03 MAR 21
MO-79-20 Distribution	ALL	03 DEC 21

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PRELIMINARY PAGES

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HOW How to Use

ME MEL Entries

MI MEL Items

MO MEL Operational Procedures

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">PRELIMINARY PAGES</p> <p style="text-align: center;">LIST OF EFFECTIVE SECTIONS/SUBSECTIONS</p>
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M ⁽¹⁾	Localization	Subsection Title	Rev. Date
R	PLP-LESS	LIST OF EFFECTIVE SECTIONS/SUBSECTIONS	03 DEC 21
	PLP-LETDU	LIST OF EFFECTIVE TEMPORARY DOCUMENTARY UNITS	03 DEC 21
	HOW	How to Use	27 MAY 21
E	ME-21	Air Conditioning	03 DEC 21
E	ME-22	Auto Flight	03 DEC 21
R	ME-23	Communications	03 DEC 21
R	ME-24	Electrical Power	03 DEC 21
R	ME-26	Fire Protection	03 DEC 21
R	ME-27	Flight Controls	18 AUG 21
E	ME-28	Fuel	03 DEC 21
E	ME-29	Hydraulic Power	03 DEC 21
	ME-30	Ice and Rain Protection	22 NOV 17
	ME-31	Indicating/Recording Systems	22 NOV 17
R	ME-32	Landing Gear	03 DEC 21
R	ME-34	Navigation	03 DEC 21
E	ME-36	Pneumatic	03 DEC 21
E	ME-46	Information Systems	03 DEC 21
	ME-49	Airborne Auxiliary Power	22 NOV 17
R	ME-52	Doors	03 DEC 21
R	ME-70	Engine	03 DEC 21
R	MI-00-01	Approval Reference	03 DEC 21
	MI-00-02	Introduction to the MEL	19 AUG 20
	MI-00-03	Criteria for Dispatch	03 MAR 21
	MI-00-04	Maintenance Action	03 MAR 21
	MI-00-05	Repair Interval	03 MAR 21
	MI-00-06	Repair Interval Extension	03 MAR 21
	MI-00-07	Definitions	03 MAR 21
	MI-00-08	ECAM and MAINTENANCE STATUS	03 MAR 21
	MI-00-09	MEL Items depending on Local Regulations	27 MAY 21
E	MI-21-00	MAINTENANCE Messages on the STATUS SD page	03 DEC 21
	MI-21-01-01	AIR COND Overhead Panel	22 NOV 17
	MI-21-01-02	CABIN PRESS Overhead Panel	22 NOV 17
	MI-21-01-03	CARGO VENT Overhead Panel	06 APR 20
	MI-21-01-04	VENTILATION Overhead Panel	22 NOV 17
	MI-21-07-01	Indications on the BLEED SD page	22 NOV 17
	MI-21-07-02	Indications on the CAB PRESS SD page	22 MAY 19
	MI-21-07-03	Indications on the COND SD page	22 NOV 17
	MI-21-07-04	Indications on the CRUISE SD page	22 NOV 17
	MI-21-09	ECAM Alerts	22 MAY 19
	MI-21-21	Air Distribution and Recirculation	22 MAY 19

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M ⁽¹⁾	Localization	Subsection Title	Rev. Date
	MI-21-23	Lavatory and Galley Ventilation	22 MAY 19
	MI-21-26	Avionics Equipment Ventilation	22 MAY 19
	MI-21-28	Cargo Compartment Ventilation	03 MAR 21
	MI-21-31	Pressure Control and Monitoring	03 MAR 21
	MI-21-43	Cargo Compartment Heating	16 DEC 19
E	MI-21-51	Pack Flow Control	03 DEC 21
R	MI-21-52	Air Cooling System	03 DEC 21
	MI-21-55	Emergency Ram Air Inlet	03 MAR 21
E	MI-21-61	Pack Temperature Control	03 DEC 21
E	MI-21-63	Cockpit and Cabin Temperature Control	03 DEC 21
	MI-22-01-01	FLT CTL Overhead Panel	17 MAY 18
	MI-22-05	FMA Indications on the PFD	13 MAY 20
	MI-22-10	Autopilot/Flight Director (AP/FD)	22 MAY 19
	MI-22-30	Autothrust	22 MAY 19
	MI-22-60	Flight Augmentation (FAC)	27 MAY 21
E	MI-22-70	Flight Management System (FMS)	03 DEC 21
E	MI-22-81-01	Auto Flight Control Panel (FCU)	03 DEC 21
E	MI-22-81-02	EFIS Control Panel (FCU)	03 DEC 21
E	MI-22-81-03	FCU Channel	03 DEC 21
	MI-22-82	Multipurpose Control and Display Unit (MCDU)	13 MAY 20
E	MI-22-83	Flight Management and Guidance Computer (FMGC)	03 DEC 21
	MI-23-00	MAINTENANCE Message on the STATUS SD page	19 NOV 19
	MI-23-01-01	RCDR Overhead Panel	22 NOV 17
	MI-23-01-02	CALLS Overhead Panel	03 MAR 21
	MI-23-01-03	AUDIO SWITCHING Overhead Panel	22 NOV 17
	MI-23-09	ECAM Alerts	03 MAR 21
E	MI-23-10	Speech Communication	03 DEC 21
E	MI-23-13	Radio Management	03 DEC 21
R	MI-23-20	Data Transmission and Automatic Calling	03 DEC 21
	MI-23-31	Passenger Address System	16 DEC 19
	MI-23-40	Interphone	15 NOV 18
	MI-23-51	Audio Management	03 MAR 21
	MI-23-52	Audio Control Panel (ACP)	06 APR 20
	MI-23-71	Cockpit Voice Recorder (CVR)	22 NOV 17
	MI-23-72	Cockpit Door Surveillance System (CDSS)	13 MAY 20
E	MI-23-73-01	Cabin Intercommunication Data System (CIDS)	03 DEC 21
	MI-23-73-02	DEU A	03 MAR 21
E	MI-23-73-03	DEU B	03 DEC 21
	MI-23-73-04	Cabin Individual Call	03 MAR 21

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">PRELIMINARY PAGES</p> <p style="text-align: center;">LIST OF EFFECTIVE SECTIONS/SUBSECTIONS</p>
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M ⁽⁷⁾	Localization	Subsection Title	Rev. Date
	MI-23-73-05	Cabin Loudspeaker	27 MAY 21
	MI-23-73-06	Handset	03 MAR 21
	MI-23-73-07	Prerecorded Announcement and Music Reproducer (PRAM)	03 MAR 21
	MI-23-73-08	Cabin Assignment Module (CAM)	22 NOV 17
	MI-23-73-10	Smoke Detection Function	03 MAR 21
E	MI-23-74	Cabin Crew Panel	03 DEC 21
R	MI-23-99	Controller Pilot Data Link Communications, CPDLC	03 DEC 21
	MI-24-00	MAINTENANCE Messages on the STATUS SD page	22 NOV 17
E	MI-24-01-01	ELEC Overhead Panel	03 DEC 21
	MI-24-01-02	EMER ELEC PWR Overhead Panel	22 NOV 17
	MI-24-07	Indications on the ELEC SD page	22 MAY 19
E	MI-24-09	ECAM Alerts	03 DEC 21
E	MI-24-22	AC Main Generation	03 DEC 21
E	MI-24-23	AC Auxiliary Generation	03 DEC 21
	MI-24-24	AC Emergency Generation	22 MAY 19
	MI-24-25	AC Essential Generation Switching	22 MAY 19
E	MI-24-26	Galley and Commercial Supply System	03 DEC 21
	MI-24-28	Static Inverter AC Generation	22 NOV 17
E	MI-24-32	DC Main Generation (TR 1, TR 2)	03 DEC 21
	MI-24-34	DC Emergency Generation (ESS TR)	22 NOV 17
	MI-24-35	DC Essential and Normal Generation Switching	22 NOV 17
	MI-24-38	DC Battery Generation	22 MAY 19
	MI-24-41	AC External Power Control	13 MAY 20
E	MI-25-07	Indications on the DOOR/OXY SD page	03 DEC 21
	MI-25-11	Pilot Seats	03 MAR 21
E	MI-25-12	Third and Fourth Occupant Seats	03 DEC 21
	MI-25-13	Lining and Furnishings	22 NOV 17
	MI-25-20	Cabin Seats	03 MAR 21
	MI-25-35	Galley Equipment	03 MAR 21
	MI-25-40	Lavatories	03 MAR 21
R	MI-25-50	Cargo Compartments	03 DEC 21
R	MI-25-62	Cabin Escape Facilities	03 DEC 21
	MI-25-63	Evacuation Signaling Equipment	03 MAR 21
	MI-25-64	First Aid Equipment	03 MAR 21
	MI-25-65	Emergency Equipment	27 MAY 21
	MI-25-66	Floatation and Survival Equipment	03 MAR 21
E	MI-26-00	MAINTENANCE Message on the STATUS SD page	03 DEC 21
	MI-26-01-01	FIRE Overhead Panel	22 MAY 19
E	MI-26-01-02	CARGO SMOKE Overhead Panel	03 DEC 21

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M ⁽¹⁾	Localization	Subsection Title	Rev. Date
	MI-26-12	Engine Fire and Overheat Detection	03 MAR 21
	MI-26-13	APU Fire and Overheat Detection	22 MAY 19
	MI-26-15	Avionics Compartment Smoke Detection	22 MAY 19
	MI-26-16	Cargo Compartment Smoke Detection	03 MAR 21
R	MI-26-17	Lavatory Smoke Detection	03 DEC 21
	MI-26-22	APU Fire Extinguishing	22 MAY 19
E	MI-26-23	Cargo Compartment Fire Extinguishing	03 DEC 21
	MI-26-24	Portable Fire Extinguisher	03 MAR 21
	MI-26-25	Lavatory Fire Extinguishing	03 MAR 21
	MI-27-00	MAINTENANCE Messages on the STATUS SD page	22 NOV 17
	MI-27-01-01	FLT CTL Overhead Panel	22 NOV 17
	MI-27-07	Indications on SD pages	03 MAR 21
	MI-27-08	Indications on the EWD	22 NOV 17
E	MI-27-14	Aileron and Hydraulic Actuation	03 DEC 21
	MI-27-21	Rudder Mechanical Control	22 MAY 19
	MI-27-22	Rudder Trim Actuation	22 MAY 19
	MI-27-23	Artificial feel and rudder travel limiting actuation	22 NOV 17
	MI-27-34	Elevator and Hydraulic Actuation	13 MAY 20
	MI-27-40	Trimable Horizontal Stabilizer (THS)	22 MAY 19
	MI-27-51	Flaps Electrical Control and Monitoring	13 MAY 20
	MI-27-54	Flaps Hydraulic Actuation and Power Transmission	22 NOV 17
R	MI-27-64	Spoiler Hydraulic Actuation	03 DEC 21
	MI-27-81	Slats Electrical Control and Monitoring	22 MAY 19
	MI-27-84	Slats Hydraulic Actuation and Power Transmission	22 NOV 17
E	MI-27-92	Electrical Flight Control System (EFCS) Control Inputs and Power Supply	03 DEC 21
E	MI-27-93	ELAC System (Elevator Aileron Computer)	03 DEC 21
E	MI-27-94	SEC System (Spoiler and Elevator Computer)	03 DEC 21
	MI-27-95	FCDC System (Flight Control Data Concentrator)	22 MAY 19
	MI-28-00	MAINTENANCE Message on the STATUS SD page	22 NOV 17
	MI-28-01-01	FUEL Overhead Panel	22 MAY 19
	MI-28-07-01	Fuel Quantity Indications on the FUEL SD page	19 NOV 19
	MI-28-07-02	Fuel Temperature Indications on the FUEL SD page	22 NOV 17
	MI-28-07-03	Tank Pump Indications on the FUEL SD page	22 NOV 17
	MI-28-07-04	Valve Indications on the FUEL SD page	22 MAY 19
	MI-28-07-05	Fuel Flow Indication on the FUEL SD page	03 MAR 21
	MI-28-07-06	Fuel Used Indication on the FUEL SD page	03 MAR 21
	MI-28-09	ECAM Alerts	22 MAY 19
	MI-28-12	Tank Venting System	22 MAY 19

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M ⁽⁷⁾	Localization	Subsection Title	Rev. Date
	MI-28-15	Intercell Transfer System	22 MAY 19
	MI-28-20	Distribution	22 MAY 19
E	MI-28-21	Main Fuel Pump System	03 DEC 21
	MI-28-22	APU Fuel Pump System	22 MAY 19
	MI-28-23	Crossfeed System	22 NOV 17
	MI-28-24	Engine LP Fuel Shutoff	22 MAY 19
	MI-28-25	Refuel/Defuel System	03 MAR 21
	MI-28-29	APU LP Fuel Shutoff	22 MAY 19
E	MI-28-43	Manual Magnetic Indicators	03 DEC 21
	MI-28-46	Tank Level Sensing	22 MAY 19
	MI-28-50	Fuel Management	22 MAY 19
	MI-29-01-01	HYD Overhead Panel	22 MAY 19
	MI-29-01-02	Maintenance HYD Overhead Panel	22 NOV 17
E	MI-29-07	Indications on the HYD SD page	03 DEC 21
E	MI-29-09	ECAM Alerts	03 DEC 21
R	MI-29-10	Main Hydraulic Power	03 DEC 21
	MI-29-22	Blue Auxiliary Hydraulic Power	22 NOV 17
	MI-29-23	Power Transfer	22 MAY 19
	MI-29-24	Yellow Auxiliary Hydraulic Power	22 MAY 19
	MI-30-01-01	ANTI ICE Overhead Panel	22 MAY 19
	MI-30-01-02	WIPER Overhead Panel	18 NOV 20
	MI-30-07	Indications on the BLEED SD page	22 NOV 17
	MI-30-11	Wing Ice Protection	22 MAY 19
E	MI-30-21	Engine Air Intake Ice Protection	03 DEC 21
	MI-30-31	Probe Ice Protection	22 MAY 19
	MI-30-42	Windshield Anti-Icing and Defogging	03 MAR 21
	MI-30-45	Windshield Rain Protection	22 MAY 19
	MI-30-71	Waste Water Ice Protection	22 MAY 19
E	MI-30-81	Ice Detection	03 DEC 21
	MI-31-00	MAINTENANCE Message on the STATUS SD page	03 MAR 21
	MI-31-01-01	RCDR Overhead Panel	22 NOV 17
	MI-31-05	Indications on the Primary Flight Display (PFD)	22 NOV 17
	MI-31-06	Indications on the Navigation Display (ND)	22 NOV 17
E	MI-31-07	Indications on the System Display (SD)	03 DEC 21
	MI-31-08	Indications on the Engine Warning Display (EWD)	13 MAY 20
	MI-31-20	Independent Instruments	22 MAY 19
	MI-31-30	Centralized Fault Display System (CFDS) and Data Recording System	03 MAR 21

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E	MI-31-38	Up and Down Data Loading System Acquisition/Interface and Equipment	03 DEC 21
	MI-31-53	Flight Warning Computer (FWC)	22 MAY 19
	MI-31-55	System Data Acquisition Concentrator (SDAC)	22 NOV 17
	MI-31-56	ECAM Control Panel (ECP)	22 MAY 19
E	MI-31-62	Display Management Computer (DMC)	03 DEC 21
E	MI-31-63	Display Unit (DU)	03 DEC 21
	MI-31-68	Switching Panel	22 MAY 19
E	MI-32-07	Indications on the WHEEL SD page	03 DEC 21
	MI-32-09	ECAM Alerts	03 MAR 21
	MI-32-11	Main Gear	22 NOV 17
	MI-32-12	Main Gear Doors	22 NOV 17
	MI-32-31	Normal Extension and Retraction	22 MAY 19
	MI-32-32	Proximity Detector System	22 MAY 19
	MI-32-33	Free Fall Extension	22 MAY 19
	MI-32-41	Wheels	13 MAY 20
E	MI-32-42	Normal Braking	03 DEC 21
E	MI-32-44	Alternate Braking	03 DEC 21
	MI-32-45	Parking/Ultimate Emergency Braking	22 MAY 19
	MI-32-47	Brake Temperature System	22 MAY 19
	MI-32-48	Brake Cooling	03 MAR 21
	MI-32-51	Steering	22 MAY 19
	MI-32-61	Landing Gear Panel on the Center Instrument Panel	22 NOV 17
	MI-33-01-01	ANN LT Overhead Panel	22 MAY 19
	MI-33-01-02	SIGNS Overhead Panel	03 MAR 21
	MI-33-10	Cockpit General Illumination	03 MAR 21
	MI-33-20	Cabin General Illumination	03 MAR 21
	MI-33-30	Cargo and Service Compartment Lighting	22 NOV 17
	MI-33-40	Exterior Lighting	13 MAY 20
E	MI-33-51	Cabin Emergency Lighting	03 DEC 21
	MI-34-00	MAINTENANCE Messages on the STATUS SD page	22 NOV 17
	MI-34-01-01	ADIRS Overhead Panel	18 NOV 20
	MI-34-01-02	GPWS Overhead Panel	18 NOV 20
R	MI-34-05	Indications on the Primary Flight Display (PFD)	03 DEC 21
R	MI-34-06	Indications on the Navigation Display (ND)	03 DEC 21
R	MI-34-10	Air Data/Inertial Reference System (ADIRS)	03 DEC 21
	MI-34-11	Sensors	22 MAY 19
E	MI-34-21	Altitude and Airspeed Standby Data	03 DEC 21
R	MI-34-22	Attitude and Heading Standby Data	03 DEC 21

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M ⁽⁷⁾	Localization	Subsection Title	Rev. Date
R	MI-34-23	Integrated Standby Instrument System (ISIS)	03 DEC 21
E	MI-34-30	Landing and Taxiing Aid	03 DEC 21
R	MI-34-40	GPWS, Radio Altimeter, TCAS, Weather Radar	03 DEC 21
R	MI-34-50	ATC and Radio/GPS Navigation Systems	03 DEC 21
	MI-35-01-01	OXYGEN Overhead Panel	27 MAY 21
	MI-35-07	Indications on the DOOR/OXY SD page	22 MAY 19
	MI-35-10	Crew Oxygen	03 MAR 21
	MI-35-20	Passenger Oxygen	27 MAY 21
	MI-35-30	Portable Oxygen	03 MAR 21
	MI-36-00	MAINTENANCE Message on the STATUS SD page	03 MAR 21
	MI-36-01	AIR COND Overhead Panel	22 NOV 17
	MI-36-07	Indications on the BLEED SD page	22 NOV 17
E	MI-36-09	ECAM Alerts	03 DEC 21
E	MI-36-11	Engine Bleed Air Supply System	03 DEC 21
	MI-36-12	APU Bleed Air Supply and Crossbleed Systems	22 MAY 19
E	MI-36-22	Leak Detection Loop	03 DEC 21
	MI-46-11	Aircraft Information Network Systems	27 MAY 21
E	MI-46-21	Air Traffic and Information Management System	03 DEC 21
	MI-49-00	MAINTENANCE Message on the STATUS SD page	22 NOV 17
	MI-49-01	APU Overhead Panel	22 MAY 19
	MI-49-07	Indications on the APU SD page	22 NOV 17
	MI-49-10	Power Plant	22 MAY 19
	MI-52-01-01	CKPT DOOR CONT Normal Overhead Panel	22 MAY 19
E	MI-52-07	Indications on the DOOR/OXY SD page	03 DEC 21
	MI-52-10	Cabin Door	03 MAR 21
	MI-52-30	Cargo Door	03 MAR 21
	MI-52-33	Bulk Cargo Compartment Door	19 AUG 20
	MI-52-51	Reinforced Cockpit Door (CDLS)	03 MAR 21
	MI-52-53	COCKPIT DOOR Panel on the Center Pedestal	22 NOV 17
	MI-56-10	Cockpit	13 MAY 20
	MI-56-20	Cabin	03 MAR 21
	MI-70-00	MAINTENANCE Messages on the STATUS SD page	13 JAN 20
E	MI-73-07	Indications on the ENGINE SD page	03 DEC 21
E	MI-73-08	Indications on the EWD	03 DEC 21
	MI-73-09	ECAM Alerts	22 NOV 17
E	MI-73-10	Distribution	03 DEC 21
R	MI-73-20	Controlling	03 DEC 21
	MI-74-07	Indications on the ENGINE SD page	22 MAY 19
E	MI-74-09	ECAM Alert	03 DEC 21

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M ⁽¹⁾	Localization	Subsection Title	Rev. Date
E	MI-74-31	Ignition Starting and Continuous Relight	03 DEC 21
	MI-76-11	Throttle Control	22 MAY 19
	MI-77-07-01	Indications on the CRUISE SD page	22 NOV 17
	MI-77-07-02	Indications on the ENGINE SD page	22 MAY 19
E	MI-77-08	Indications on the EWD	03 DEC 21
E	MI-78-08	Indications on the EWD	03 DEC 21
E	MI-78-30	Thrust Reversers	03 DEC 21
E	MI-79-07	Indications on the ENGINE SD page	03 DEC 21
E	MI-79-09	ECAM Alerts	03 DEC 21
E	MI-79-20	Distribution	03 DEC 21
	MI-79-40	IDG Oil Cooling System	03 MAR 21
	MI-80-01	ENG MAN START Overhead Panel	22 NOV 17
	MI-80-07	Indication on the ENGINE SD page	19 NOV 19
	MI-80-11	Pneumatic Starter and Valve System	22 MAY 19
	MI-80-12	ENG MASTER Panel on the Center Pedestal	22 NOV 17
	MI-98-00	Introduction	13 MAY 20
	MI-98-01	Flight Deck	13 MAY 20
	MI-98-02	Cabin General	03 MAR 21
	MI-98-03	Galley	13 MAY 20
	MI-98-04	Passenger Compartment	03 MAR 21
	MI-98-05	Lavatory	13 MAY 20
	MI-98-06-01	Portable Water Service Bay	13 MAY 20
	MI-98-06-02	Toilet Service Bay	13 MAY 20
	MI-98-06-03	Hydraulic Service Bay	13 MAY 20
	MI-98-07-01	Air Outlets	13 MAY 20
	MI-98-07-02	Cargo Compartment	13 MAY 20
	MI-98-08	Exterior of Aircraft	13 MAY 20
	MO-21-09	ECAM Alerts	22 NOV 17
	MO-21-21	Air Distribution and Recirculation	22 NOV 17
E	MO-21-23	Lavatory and Galley Ventilation	03 DEC 21
	MO-21-26	Avionics Equipment Ventilation	13 MAY 20
	MO-21-28	Cargo Compartment Ventilation	03 MAR 21
E	MO-21-31	Pressure Control and Monitoring	03 DEC 21
	MO-21-43	Cargo Compartment Heating	16 DEC 19
	MO-21-51	Pack Flow Control	03 MAR 21
	MO-21-52	Air Cooling System	03 MAR 21
E	MO-21-61	Pack Temperature Control	03 DEC 21
E	MO-21-63	Cockpit and Cabin Temperature Control	03 DEC 21
	MO-22-05	FMA Indications on the PFD	22 NOV 17

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M ⁽⁷⁾	Localization	Subsection Title	Rev. Date
	MO-22-10	Autopilot/Flight Director (AP/FD)	13 MAY 20
	MO-22-30	Autothrust	03 MAR 21
	MO-22-60	Flight Augmentation (FAC)	22 NOV 17
	MO-22-70	Flight Management System (FMS)	27 MAY 21
	MO-22-81-01	Auto Flight Control Panel (FCU)	22 MAY 19
	MO-22-81-02	EFIS Control Panel (FCU)	22 MAY 19
	MO-22-81-03	FCU Channel	22 NOV 17
	MO-22-82	Multipurpose Control and Display Unit (MCDU)	22 NOV 17
	MO-22-83	Flight Management and Guidance Computer (FMGC)	19 AUG 20
	MO-23-09	ECAM Alerts	13 MAY 20
	MO-23-10	Speech Communication	19 AUG 20
R	MO-23-20	Data Transmission and Automatic Calling	03 DEC 21
	MO-23-40	Interphone	13 MAY 20
	MO-23-51	Audio Management	13 MAY 20
	MO-23-52	Audio Control Panel (ACP)	22 NOV 17
	MO-23-72	Cockpit Door Surveillance System (CDSS)	03 MAR 21
	MO-23-73-02	DEU A	22 NOV 17
	MO-23-73-03	DEU B	13 MAY 20
	MO-23-73-05	Cabin Loudspeaker	13 MAY 20
	MO-23-73-06	Handset	13 MAY 20
	MO-23-73-07	Prerecorded Announcement and Music Reproducer (PRAM)	13 MAY 20
	MO-23-74	Cabin Crew Panel	03 MAR 21
	MO-23-99	Controller Pilot Data Link Communications, CPDLC	03 MAR 21
E	MO-24-01-01	ELEC Overhead Panel	03 DEC 21
E	MO-24-07	Indications on the ELEC SD page	03 DEC 21
E	MO-24-09	ECAM Alerts	03 DEC 21
E	MO-24-22	AC Main Generation	03 DEC 21
R	MO-24-23	AC Auxiliary Generation	18 AUG 21
	MO-24-25	AC Essential Generation Switching	22 NOV 17
	MO-24-26	Galley and Commercial Supply System	03 MAR 21
	MO-24-32	DC Main Generation (TR 1, TR 2)	22 NOV 17
	MO-24-38	DC Battery Generation	22 NOV 17
	MO-25-07	Indications on the DOOR/OXY SD page	17 MAY 18
	MO-25-11	Pilot Seats	22 NOV 17
	MO-25-12	Third and Fourth Occupant Seats	03 MAR 21
	MO-25-20	Cabin Seats	13 MAY 20
	MO-25-35	Galley Equipment	03 MAR 21
	MO-25-40	Lavatories	13 MAY 20
	MO-25-62	Cabin Escape Facilities	27 MAY 21

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MINIMUM EQUIPMENT LIST

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M⁽¹⁾	Localization	Subsection Title	Rev. Date
	MO-25-63	Evacuation Signaling Equipment	13 MAY 20
	MO-25-64	First Aid Equipment	22 NOV 17
	MO-25-65	Emergency Equipment	03 MAR 21
	MO-26-12	Engine Fire and Overheat Detection	22 NOV 17
	MO-26-13	APU Fire and Overheat Detection	22 NOV 17
	MO-26-15	Avionics Compartment Smoke Detection	22 NOV 17
	MO-26-17	Lavatory Smoke Detection	03 MAR 21
	MO-26-18	Auxiliary Areas Smoke Detection	13 MAY 20
	MO-26-24	Cabin Portable Fire Extinguisher	22 NOV 17
	MO-27-07	Indications on SD pages	22 NOV 17
	MO-27-14	Aileron and Hydraulic Actuation	22 NOV 17
	MO-27-21	Rudder Mechanical Control	22 NOV 17
	MO-27-22	Rudder Trim Actuation	22 NOV 17
	MO-27-51	Flaps Electrical Control and Monitoring	22 NOV 17
E	MO-27-64	Spoiler Hydraulic Actuation	03 DEC 21
	MO-27-81	Slats Electrical Control and Monitoring	27 MAY 21
R	MO-27-92	Electrical Flight Control System (EFCS) Control Inputs and Power Supply	03 MAR 21
	MO-27-93	ELAC System (Elevator Aileron Computer)	22 NOV 17
	MO-27-94	SEC System (Spoiler and Elevator Computer)	17 MAY 18
	MO-27-95	FCDC System (Flight Control Data Concentrator)	22 NOV 17
	MO-28-01-01	FUEL Overhead Panel	22 NOV 17
	MO-28-07-01	Fuel Quantity Indications on the FUEL SD page	22 NOV 17
	MO-28-07-04	Valve Indications on the FUEL SD page	22 NOV 17
	MO-28-09	ECAM Alerts	22 NOV 17
	MO-28-12	Tank Venting System	22 NOV 17
	MO-28-15	Intercell Transfer System	22 MAY 19
E	MO-28-20	Distribution	03 DEC 21
	MO-28-21	Main Fuel Pump System	13 MAY 20
	MO-28-22	APU Fuel Pump System	22 NOV 17
	MO-28-29	APU LP Fuel Shutoff	22 NOV 17
	MO-28-50	Fuel Management	22 NOV 17
	MO-29-07	Indications on the HYD SD page	22 NOV 17
	MO-29-09	ECAM Alerts	20 AUG 19
	MO-29-10	Main Hydraulic Power	22 NOV 17
	MO-29-23	Power Transfer	22 NOV 17
	MO-29-24	Yellow Auxiliary Hydraulic Power	22 NOV 17
	MO-30-01-01	ANTI ICE Overhead Panel	03 MAR 21
R	MO-30-11	Wing Ice Protection	03 MAR 21

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M ⁽⁷⁾	Localization	Subsection Title	Rev. Date
R	MO-30-21	Engine Air Intake Ice Protection	03 MAR 21
E	MO-30-31	Probe Ice Protection	03 DEC 21
	MO-30-42	Windshield Anti-Icing and Defogging	22 NOV 17
	MO-30-45	Windshield Rain Protection	22 NOV 17
E	MO-30-81	Ice Detection	03 DEC 21
	MO-31-01-01	RCDR Overhead Panel	17 MAY 18
E	MO-31-07	Indications on the System Display (SD)	03 DEC 21
	MO-31-20	Independent Instruments	22 NOV 17
	MO-31-53	Flight Warning Computer (FWC)	22 NOV 17
	MO-31-56	ECAM Control Panel (ECP)	22 NOV 17
	MO-31-62	Display Management Computer (DMC)	03 MAR 21
	MO-31-63	Display Unit (DU)	13 MAY 20
	MO-31-68	Switching Panel	22 NOV 17
E	MO-32-07	Indications on the WHEEL SD page	03 DEC 21
	MO-32-09	ECAM Alerts	03 MAR 21
R	MO-32-31	Normal Extension and Retraction	03 DEC 21
E	MO-32-32	Proximity Detector System	03 DEC 21
	MO-32-33	Free Fall Extension	03 MAR 21
R	MO-32-42	Normal Braking	03 MAR 21
	MO-32-44	ACCU PRESS Indicator	03 MAR 21
	MO-32-47	Brake Temperature System	22 NOV 17
	MO-32-48	Brake Fan System	22 NOV 17
E	MO-32-51	Steering	03 DEC 21
	MO-33-01-02	SIGNS Overhead Panel	13 MAY 20
	MO-33-20	Cabin General Illumination	03 MAR 21
	MO-33-40	Exterior Lighting	13 MAY 20
	MO-33-51	Cabin Emergency Lighting	06 FEB 19
	MO-34-01-01	ADIRS Overhead Panel	18 NOV 20
	MO-34-05	Indications on the Primary Flight Display (PFD)	15 FEB 18
	MO-34-06	Indications on the Navigation Display (ND)	15 FEB 18
R	MO-34-10	Air Data/Inertial Reference System (ADIRS)	03 DEC 21
	MO-34-11	Sensors	22 NOV 17
E	MO-34-21	Altitude and Airspeed Standby Data	03 DEC 21
E	MO-34-22	Attitude and Heading Standby Data	03 DEC 21
	MO-34-23	Integrated Standby Instrument System (ISIS)	03 MAR 21
	MO-34-30	Landing and Taxiing Aid	18 NOV 20
R	MO-34-40	GPWS, Radio Altimeter, TCAS, Weather Radar	03 DEC 21
R	MO-34-50	ATC and Radio/GPS Navigation Systems	03 DEC 21
	MO-35-01-01	OXYGEN Overhead Panel	27 MAY 21

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M⁽¹⁾	Localization	Subsection Title	Rev. Date
	MO-35-07	Indications on the DOOR/OXY SD page	22 NOV 17
	MO-35-10	Crew Oxygen	22 NOV 17
	MO-35-20	Passenger Oxygen	27 MAY 21
	MO-35-30	Portable Oxygen	13 MAY 20
E	MO-36-09	ECAM Alerts	03 DEC 21
E	MO-36-11	Engine Bleed Air Supply System	03 DEC 21
	MO-36-12	APU Bleed Air Supply and Crossbleed Systems	17 MAY 18
E	MO-36-22	Leak Detection Loop	03 DEC 21
	MO-46-11	Aircraft Information Network Systems	27 MAY 21
E	MO-46-21	Air Traffic and Information Management System	03 DEC 21
	MO-49-10	Power Plant	22 NOV 17
	MO-52-01-01	CKPT DOOR CONT Overhead Panel	22 NOV 17
	MO-52-07	Indications on the DOOR/OXY SD page	13 MAY 20
	MO-52-10	Cabin Door	27 MAY 21
	MO-52-30	Cargo Door	22 NOV 17
	MO-52-51	Reinforced Cockpit Door (CDLS)	03 MAR 21
	MO-52-53	COCKPIT DOOR Panel on the Center Pedestal	22 NOV 17
	MO-56-10	Cockpit	22 NOV 17
R	MO-73-20	Controlling	03 MAR 21
	MO-74-07	Indications on the ENGINE SD page	22 NOV 17
E	MO-74-31	Ignition Starting and Continuous Relight	03 DEC 21
R	MO-78-30	Thrust Reversers	03 MAR 21
	MO-79-09	ECAM Alerts	22 NOV 17
E	MO-79-20	Distribution	03 DEC 21
	MO-80-11	Pneumatic Starter and Valve System	22 NOV 17

(1) Evolution code : N=New, R=Revised, E=Effectivity, M=Moved

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	PRELIMINARY PAGES LIST OF EFFECTIVE TEMPORARY DOCUMENTARY UNITS
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M	Localization	DU Title	DU identification	DU date
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No Temporary Documentary Unit

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	PRELIMINARY PAGES AIRCRAFT ALLOCATION TABLE
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This table gives, for each delivered aircraft, the cross reference between:

- The Manufacturing Serial Number (MSN).
- The Fleet Serial Number (FSN) of the aircraft as known by AIRBUS S.A.S.
- The registration number of the aircraft as known by AIRBUS S.A.S.
- The aircraft model.

M ⁽¹⁾	MSN	FSN	Registration Number	Model
	00928		LY-COB	320-232
	02029		LY-OWL	320-232
	02077		LY-ELK	320-232
	02118		LY-EMU	320-233
	02774		LY-COD	319-112
	03139		LY-RAM	319-112

(1) Evolution code : N=New, R=Revised

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	PRELIMINARY PAGES LIST OF MODIFICATIONS
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M ⁽¹⁾	CRITERION	Linked SB	Incorp. Date	Title
	J0006		22 NOV 17	FUEL SYSTEM - ADDITIONAL TREATMENT OF CENTRE TANK STRUCTURE AND INSTALLATION OF CENTRE TANK SYSTEM
	Applicable to: ALL			
	J0012		22 NOV 17	NAVIGATION LIGHTS SYSTEM - INSTALLATION OF A SECOND NAVIGATION LIGHT SYSTEM
	Applicable to: ALL			
	J0022		13 MAY 20	INSTALLATION OF A FUEL QUANTITY SELECTOR IN THE FLIGHT COMPARTMENT
	Applicable to:			
	J0071		22 NOV 17	WING STRUCTURE-INTRODUCTION OF A WING TIP INCORPORATING A TIP FENCE FOR 72T MTOW A/C
	Applicable to: ALL			
	J0376		22 NOV 17	LANDING GEAR-DELETION OF REDUNDANT TEST PUSH BUTTON WIRING
	Applicable to: ALL			
	J0739		22 NOV 17	MLG - INTRODUCTION OF TORQUE LINK APEX DAMPERS
	Applicable to: ALL			
	J0937		22 NOV 17	LANDING GEAR - MLG - INTRODUCTION OF NEW STANDARD TORQUE LINK DAMPER AND ABEX PIN
	Applicable to: ALL			
	J1570	28-1070 01	22 NOV 17	FUEL - ENGINE FEED - TWIN MOTOR ACTUATOR FOR LP AND CROSS FEED VALVE
	Applicable to: ALL			
	J1617		22 NOV 17	FLIGHT CONTROLS - GENERAL - DELETE LAF FEATURE FROM A320 DEFINITION (PRODUCTION SOLUTION)
	Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL			
	J1735		22 NOV 17	LANDING GEAR - CONTROL AND MONITORING - IMPROVEMENTS TO REPORTING OF PROX SENSOR FAULTS
	Applicable to: ALL			
	J2257	28-1106 03	30 OCT 18	FUEL - MANUAL MAGNETIC INDICATORS - ATTITUDE MONITOR DELETION
	Applicable to: ALL			
	J2332		26 MAR 19	FUEL - MANUAL (MAGNETIC) INDICATORS - REINTRODUCE ATTITUDE MONITOR ON A/C
	Applicable to: LY-ELK, LY-OWL			
	J2360		03 JUN 19	FUEL - QUANTITY INDICATION - INTRODUCE FUEL LEAK DETECTION ASSOCIATED WITH FQIC - 13 - 9
	Applicable to: LY-COD, LY-RAM			

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M ⁽¹⁾	CRITERION	Linked SB	Incorp. Date	Title
	J2361	28-1150 01	03 JUN 19	FUEL - QUANTITY INDICATION - REMOVAL OF FUEL LEAK DETECTION FUNCTION ASSOCIATED WITH THE FQIC 13 - 9
Applicable to: LY-COD, LY-RAM				
	J2765		03 JUN 19	WING - MAIN STRUCTURE - TOP SKIN PANEL NO.2 - REMOVAL OF MANUAL REFUEL APERTURE
Applicable to:				
	J2832	28-1159 00	03 JUN 19	MAIN FUEL PUMP SYSTEM - FUEL PUMPS - INSPECT AFFECTED EATON FUEL PUMPS
Applicable to: ALL				
	J2963		03 JUN 19	REDUCTION IN QUANTITY OF MAGNETIC LEVEL INDICATORS
Applicable to:				
	K0024		22 NOV 17	INSTALLATION OF ADDITIONAL CARGO DOOR (BULK DOOR)
Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL				
	K0035		22 NOV 17	FIRE PROTECTION - FWD LOWER HOLD - INSTALLATION OF SMOKE DETECTION SYSTEM
Applicable to: ALL				
	K0036		22 NOV 17	FIRE PROTECTION - AFT LOWER HOLD - INSTALLATION OF SMOKE DETECTION SYSTEM
Applicable to: ALL				
	K0037		22 NOV 17	FIRE PROTECTION - FWD AND AFT LOWER HOLD INSTALLATION OF A SINGLE SHOT FIRE EXTINGUISHING SYSTEM
Applicable to: ALL				
	K0052	31-1123 11	22 NOV 17	INSTALLATION OF AN AIDS
Applicable to: ALL				
	K0064		22 NOV 17	LIGHTS - INSTALLATION OF STROBE LIGHTS SYNCHRONISED MODE
Applicable to: ALL				
	K0070		22 NOV 17	AIR CONDITIONING - VENTILATION SYSTEM FOR AFT CARGO COMPARTMENT
Applicable to: LY-COB, LY-COD				
	K0071		17 MAY 18	AIR CONDITIONING - HEATING SYSTEM FOR AFT CARGO COMPARTMENT -
Applicable to: LY-COB, LY-COD				
	K0344		17 MAY 18	LIGHTS-INSTALLATION OF A LSI-EEPMS FOR 164
Applicable to:				
	K0402		22 NOV 17	DRAIN MAST ICE PROTECTION-INSTALL A TEMPERATURE REGULATED DRAINMAST SYSTEM
Applicable to: ALL				

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M ⁽⁷⁾	CRITERION	Linked SB	Incorp. Date	Title
	K10494		03 JUN 19	AIRBORNE AUXILIARY POWER - CHANGE STANDARD APU HONEYWELL GTCP36-300 TO APIC APS3200
Applicable to: LY-COD, LY-RAM				
	K11047		16 DEC 19	COMMUNICATION - ANTI HIJACK CAMERA MONITORING - INSTALL COCKPIT DOOR SURVEILLANCE SYSTEM DISPLAYED ON SD
Applicable to: LY-RAM				
	K1498		22 NOV 17	A320-BLUE SYSTEM ACCUMULATOR-RELOCATION OF HYDRAULIC CONNECTION
Applicable to: ALL				
	K1522		16 DEC 19	COMMUNICATIONS-PA "IN USE" LAMP
Applicable to: LY-RAM				
	K1688		26 MAR 19	ETOPS-FIRE PROTECTION-INSTALL A FLOW METERING SYSTEM FOR FIRE EXTINGUISHING IN CARGO COMP.
Applicable to: LY-COB				
	K1733		17 MAY 18	EMERGENCY LIGHTING REMOVAL OF EL-LIGHT STRIPS IN FWD/AFT DOOR AREA
Applicable to:				
	K1806		22 NOV 17	AIR CONDITIONING SYSTEM POWER SUPPLY - MODIFY POWER TO FLOW CONTROL VALVE
Applicable to: ALL				
	K2335		22 NOV 17	LAVATORY SMOKE DETECTION - IMPROVEMENT OF SMOKE DETECTION
Applicable to: ALL				
	K2450	49-1029 27	26 MAR 19	AUXILIARY POWER UNIT - INTRODUCTION OF APIC APS-3000
Applicable to: LY-COB, LY-COD, LY-RAM				
	K2770		22 NOV 17	AUXILIARY POWER UNIT - CONTROL AND MONITORING - INTRODUCTION OF ECB P/N 304640-3
Applicable to: ALL				
	K2962		22 NOV 17	HYDRAULIC POWER - MAIN BLUE HYDRAULIC POWER - IMPROVE MAINTENANCE STATUS OF BLUE HYDRAULIC RESERVOIR -
Applicable to: ALL				
	K3680		22 NOV 17	APU - STORAGE AND DISTRIBUTION - MODIFICATION FOR COMMON LUBRICATION SYSTEM APU/GEN
Applicable to: ALL				

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M⁽¹⁾	CRITERION	Linked SB	Incorp. Date	Title
	K3681		22 NOV 17	APU - CONTROL AND MONITORING - ECB - MODIFICATION FOR COMMON LUBRICATION SYSTEM APU/GEN
	Applicable to: ALL			
	K3682		22 NOV 17	AUXILIARY POWER UNIT - WIRING MODIFICATION FOR COMMON LUBRICATION SYSTEM APU/GEN.
	Applicable to: ALL			
	K3737		22 NOV 17	AIR CONDITIONING - AIR COOLING SYSTEM - IMPROVEMENT OF RAM AIR INLET
	Applicable to: ALL			
	K3901		03 JUN 19	COMMUNICATIONS - CIDS - MODIFICATION OF DIRECTOR POWER SUPPLY PRINCIPLE
	Applicable to: LY-COD, LY-RAM			
	K4160	52-1071 08	22 NOV 17	DOORS-CARGO COMPARTMENT DOOR FWD AND AFT- IMPROVEMENT OF ACTUATOR FITTING AND ATTACHMENT
	Applicable to: ALL			
	K4457	49-1069 23	22 NOV 17	INTRODUCTION OF NEW ALLIED SIGNAL APU GTPC 131-9 (A)
	Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM			
	K4574		22 NOV 17	AIR CONDITIONING-FLOW CONTROL AND INDICATING- INTRODUCE IMPROVED AIR CONDITIONING PACKAGE FOR FLOW CONTROL
	Applicable to: ALL			
	K4913		22 NOV 17	HYDRAULIC POWER - AUXILIARY HYDRAULIC POWER - INSTALL A319 RAM AIR TURBINE ON A320
	Applicable to: LY-ELK, LY-EMU, LY-OWL			
	K6443		03 JUN 19	AIR CONDITIONING_AIR COOLING INSTALL A NEW ECS
	Applicable to: LY-COD, LY-RAM			
	K7278		03 JUN 19	FUSELAGE - GENERAL - CENTER FUSELAGE INSTALL A SECOND EMERGENCY EXIT ON A319 AIRCRAFT AT SECTION 15 LEFT AND RIGHT HAND SIDE
	Applicable to: LY-RAM			
	K7755	25-1305 06	30 OCT 18	EQUIPMENT/FURNISHINGS PAX COMPARTMENT INTRODUCE A MODIFIED INTRUSION AND PENETRATION RESISTANCE COCKPIT DOOR
	Applicable to: ALL			
	K7778	23-1373 03	03 JUN 19	COMMUNICATIONSAUDIO AND VIDEO MONITORING INSTALL A COCKPIT DOOR SURVEILLANCE SYSTEM
	Applicable to: LY-COD			

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	K7790	25-1305 06	30 OCT 18	DOORS PASSENGER COMPARTMENT FIXED PARTITIONS INTERIOR DOOR-ELECTRICAL COCKPIT DOOR RELEASE SYSTEM
	Applicable to: ALL			
	K8400		03 JUN 19	COMMUNICATIONS CABIN INTERCOMMUNICATION MODIFY CABIN INTERCOMMUNICATION DATA SYSTEM ON A319
	Applicable to: LY-COD, LY-RAM			
	K8905	25-1400 17	03 JUN 19	EQUIPMENT/FURNISHINGS -CURTAINS AND PAR INSTALL A DEADBOLT FOR THE REINFORCED COCKPIT DOOR
	Applicable to: LY-EMU, LY-RAM			
	K9473		03 JUN 19	AIR CONDITIONING-PRESSURE CONTROL AND MONITORING-INTRODUCE RESIDUAL PRESSURE CONTROL UNIT (RPCU)
	Applicable to: LY-COD, LY-RAM			
	P0033	23-1058 12	22 NOV 17	COMMUNICATIONS - HF1 SYSTEM PROVISION FOR HF1 SYSTEM
	Applicable to: ALL			
	P0040		22 NOV 17	4TH OCCUPANT SEAT
	Applicable to: LY-COB, LY-COD, LY-ELK, LY-EMU, LY-OWL			
	P0046		13 MAY 20	ELECTRICAL FOOT WARMERS FOR CAPTAIN AND FIRST OFFICER
	Applicable to:			
	P0053		22 NOV 17	SLIDING TABLE FOR CAPTAIN AND FIRST OFFICER
	Applicable to: ALL			
	P0143		22 NOV 17	COMMUNICATIONS - INSTALLATION OF A 3RD RMP
	Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL			
	P0159		22 NOV 17	EQUIPMENT FURNISHINGS-COCKPIT ADDITION OF FIFTH STRAP TO FLIGHT CREW SHOULDER HARNESS
	Applicable to: ALL			
	P0197		22 NOV 17	COMMUNICATIONS-SINGLE HF SYSTEM INSTALLATION
	Applicable to: LY-COB, LY-EMU, LY-RAM			
	P0198		22 NOV 17	COMMUNICATIONS-2ND HF SYSTEM INSTALLATION
	Applicable to: LY-COB			
	P0435		03 JUN 19	ICE AND RAIN PROTECTION-WINDSHIELD WIPER SYSTEM- ADDITION OF AN INTERMITTENT FUNCTION
	Applicable to:			

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M ⁽¹⁾	CRITERION	Linked SB	Incorp. Date	Title
	P0622		16 DEC 19	NAVIGATION-USE OF THE QFE BARO SETTING
	Applicable to: LY-COD			
	P0661		22 NOV 17	EQUIPMENT FURNISHINGS-COCKPIT-INSTALL A 5TH STRAP ON 3RD OCCUPANT HARNESSSES
	Applicable to: ALL			
	P0959		17 JUN 19	INSTRUMENTS-USE OF US UNITS IN PLACE OF METRIC UNITS
	Applicable to:			
	P10098	24-1120 04	03 JUN 19	ELECTRICAL POWER AC ESSENTIAL GENERATION SWITCHING INSTALL AUTO SWITCHING SYSTEM FOR AC&DC ESS BUS.
	Applicable to: ALL			
	P10187		03 JUN 19	AIR CONDITIONING - COCKPIT AIR HEATING INSTALL ADDITIONNAL HEATERS ON THE FOOT AIR OUTLET FOR CAPTAIN AND F/O
	Applicable to:			
	P10257	32-1244 79	03 JUN 19	LANDING GEAR - WHEELS AND BRAKES - INTRODUCE REDESIGNED MESSIER-BUGATTI SEPCARB BRAKES ON MLG
	Applicable to: LY-EMU, LY-RAM			
	P10300		03 JUN 19	ELECTRICAL POWER - AC MAIN GENERATION - INSTALL EEPGS GCU SOFTWARE STANDARD "5.2"
	Applicable to:			
	P10383	31-1334 04 31-1414 03	03 JUN 19	INDICATING/RECORDING SYSTEMS FLIGHT WARNING COMPUTER (FWC) INSTALL FWC STANDARD H2-F5
	Applicable to: ALL			
	P10402		03 JUN 19	COMMUNICATIONS - AUDIO MANAGEMENT- MODIFY AMU POWER SUPPLY TO COPE WITH DC ESSENTIAL BUS LOSS
	Applicable to: LY-RAM			
	P10439		03 JUN 19	AUTO-FLIGHT FMGC INSTALL FMGC HNWL STD P1C12 ON CFM A/C
	Applicable to:			
	P10527	31-1433 01	03 JUN 19	INDICATING/RECORDING SYSTEM - ELECTRONIC INSTRUMENT SYSTEM (EIS)- INSTALL DISPLAY MANAGEMENT COMP. SOFTW. EIS2 S8-1
	Applicable to: LY-COD, LY-RAM			
	P1063		22 NOV 17	AUTOMATIC FLIGHT-IMPROVEMENT OF SEGREGATION OF AUTOPILOT INSTINCTIVE DISCONNECT CIRCUIT
	Applicable to: ALL			

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	P10653	31-1300 02	03 JUN 19	INDICATING/RECORDING SYSTEMS FLIGHT WARNING COMPUTER INSTALL FWC STANDARD H2-F3P
	Applicable to: ALL			
	P10762		03 JUN 19	AUTO FLIGHT - FMGC INSTALL FMGC HWL H2C12 (RELEASE 1A) ON CFM A/C
	Applicable to:			
	P10891	32-1350 00	03 JUN 19	LANDING GEAR NORMAL BRAKING INSTALL BSCU SOFTWARE STD "L4.9 B"(EM2)
	Applicable to: LY-COD, LY-RAM			
	P11146		03 JUN 19	LANDING GEAR - PARKING/ULTIMATE EMERGENCY BRAKING ACTIVATE PARKING BRAKE MONITORING FUNCTION ON SA A/C
	Applicable to:			
	P11620	31-1352 00	03 JUN 19	INDICATING/RECORDING SYSTEMS - FWC - ACQUISITION/INTERFACE - ACTIVATE MONITORING OF ATC / XPDR
	Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL			
	P11807	31-1433 01	03 JUN 19	INDICATING/RECORDING SYSTEM ELECTRONIC INSTRUMENT SYSTEM (EIS) INSTALL NEW EIS2 SOFTWARE S9
	Applicable to: LY-COD, LY-RAM			
	P1362		22 NOV 17	EQUIPMENT FURNISHINGS-COCKPIT-INSTALLATION OF A FLIGHT ADJUSTABLE CROTCH STRAP ON FOURTH OCCUPANT SEAT
	Applicable to: LY-COB, LY-COD, LY-EMU			
	P1631	34-1278 04	30 OCT 18	NAVIGATION - MODIFY GPWC WARNINGS
	Applicable to: LY-COB, LY-COD, LY-ELK, LY-EMU, LY-RAM			
	P1970		22 NOV 17	COMMUNICATIONS-INSTALL HF1 IN EMERGENCY CONFIG. (ETOPS)
	Applicable to: LY-COB, LY-COD, LY-EMU, LY-RAM			
	P2316		22 NOV 17	AUTOFLIGHT - ACTIVATE WINDSHEAR FUNCTION
	Applicable to: ALL			
	P2440		22 NOV 17	A320/V2500-A1 WITH CONSOLIDATED BUMP RATING
	Applicable to:			
	P2493		22 NOV 17	COCKPIT - INSTALL A340 TYPE PILOT SEATS
	Applicable to: ALL			
	P2726	31-1211 33	17 JUN 19	INSTRUMENTS - USE OF METRIC UNITS (BASIC) IN PLACE OF US UNITS (RETROFIT SOLUTION)
	Applicable to: LY-ELK, LY-OWL			

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	P2798		22 NOV 17	NAVIGATION - VOR SYSTEM - RAISE VOR ANTENNA AND MODIFY FAIRING
	Applicable to: ALL			
	P3365		22 NOV 17	ICE PROTECTION - ICING INDICATOR ILLUMINATION
	Applicable to: ALL			
	P3379		22 NOV 17	INDICATING/RECORDING SYSTEMS - GENERAL - DEFINE PIN PROGRAMMING FOR STD VERSIONS
	Applicable to: ALL			
	P3524		22 NOV 17	ELECTRICAL GENERATION - APU GENERATOR NEW STANDARD
	Applicable to: ALL			
	P3924	32-1162 22	22 NOV 17	LANDING GEAR-WHEELS AND BRAKES-INSTALL NEW MESSIER BUGATTI CARBON BRAKES (SEPCARB III)
	Applicable to: LY-COB, LY-COD, LY-RAM			
	P3956		30 OCT 18	ATA 2900 HYDRAULIC POWER-GENERAL INSTALL AN HYDRAULIC SHUT-OFF VALVE ON THE IAE THRUST REVERSER SYSTEM
	Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL			
	P3957		22 NOV 17	ATA 2900 HYDRAULIC POWER-GENERAL INSTALL AN HYDRAULIC SHUT-OFF VALVE ON THE CFM THRUST REVERSER SYSTEM
	Applicable to: LY-COD, LY-RAM			
	P4023		30 OCT 18	GENERAL - HIGH ALTITUDE CERTIFICATION UP TO 14,500 FT
	Applicable to: LY-EMU			
	P4149		30 OCT 18	ENGINE FUEL AND CONTROL - CONTROLLING -INSTALL A NEW E.E.C. SOFTWARE SCN 10A ON IAE V2500-A5 P/N 2A3210
	Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL			
	P4151	31-1419 08	22 NOV 17	INDICATING/RECORDING SYSTEMS - UP AND DOWN DATA LOADING SYSTEM - INSTALL A "PORTABLE DATA LOADER" CONNECTOR AND DISK STOWAGE.
	Applicable to: ALL			
	P4170	27-1113 12	22 NOV 17	FLIGHT CONTROLS - FCDC - PROVIDE A VISUAL INDICATION FOR SIMULTANEOUS SIDE STICK ACTION
	Applicable to: ALL			
	P4287	31-1264 04	30 OCT 18	INDICATING-RECORDING SYSTEM FWC DEFINE OEB REMINDER NEW FUNCTION IN FWC
	Applicable to: ALL			

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	P4308		17 MAY 18	NAVIGATION - BENDIX WEATHER RADAR SYSTEM - ACTIVATION OF PREDICTIVE WINDSHEAR FUNCTION
Applicable to: LY-COD				
	P4417		17 MAY 18	ELECTRICAL POWER - IMPROVE DESIGN OF TRU INSTALLATION ON A/C TO AVOID TRANSFORMER RECTIFIER MISBEHAVIOUR
Applicable to: ALL				
	P4502	46-1044 17	22 NOV 17	INFORMATION SYSTEMS - ATIMS - INSTALL ATSU COMPUTER FOR PRE-FANS CONFIGURATION
Applicable to: ALL				
	P4539	22-1138 01	30 OCT 18	AUTO FLIGHT-GENERAL/FLIGHT CONTROL UNIT- DEFINE AND INSTALL SEXTANT MODULAR FCU
Applicable to: ALL				
	P4576		03 JUN 19	LANDING GEAR-GENERAL WHEELS AND BRAKES EQUIPMENT COST REDUCTION ELECTRICAL ALTERNATE BRAKING
Applicable to: LY-COD, LY-RAM				
	P4613	23-1113 09	16 DEC 19	COMMUNICATIONS - HF SYSTEM - INSTALL ONE ALLIED SIGNAL HF VOICE SYSTEM
Applicable to: LY-COD, LY-ELK, LY-OWL				
	P4642		26 MAR 19	NAVIGATION - WETAHER RADAR SYSTEM - ACTIVATE DUAL PREDICTIVE WINDSHEAR FUNCTION
Applicable to: LY-COB				
	P4647		03 JUN 19	NAVIGATION - WEATHER RADAR SYSTEM - COLLINS DUAL PWS ACTIVATOR
Applicable to: LY-COD, LY-RAM				
	P4766		30 OCT 18	NAVIGATION - SINGLE PWS - COLLINS SINGLE PWS ACTIVATION
Applicable to: LY-EMU				
	P4801		30 OCT 18	ELECTRICAL POWER - GENERATION SYSTEM - DEFINE AND INSTALL ON A320 FAMILY NEW ELECTRICAL GENERATION CONCEPT (WIRING/EQUIPMENT)
Applicable to: LY-COD, LY-EMU, LY-RAM				
	P4808		03 JUN 19	LANDING GEAR - GENERAL - WHEELS AND BRAKES - EQUIPMENT COST REDUCTION BSCU REDESIGN
Applicable to: LY-COD, LY-RAM				
	P4885	34-1189 30	22 NOV 17	NAVIGATION - EGPWS - ACTIVATION OF ENHANCED FUNCTIONS OF THE EGPWS
Applicable to: ALL				

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	P4906		26 MAR 19	NAVIGATION - WEATHER RADAR SYSTEM - INSTALL 2ND WEATHER RADAR TRANSCEIVER
Applicable to: LY-COB				
	P4977	31-1115 12 31-1264 04	22 NOV 17	INDICATING/RECORDING SYSTEMS - FWC - PROVIDE NEW SYNTHETIC VOICE "DUAL INPUT"
Applicable to: ALL				
	P5121	31-1140 05	22 NOV 17	INDICATING/RECORDING SYSTEMS - DATA LOADING SYSTEM - INSTALL A MULTIPURPOSE DISC DRIVE UNIT IN A COCKPIT
Applicable to: ALL				
	P5253		03 JUN 19	NAVIGATION ADIRS REMOVE ADIRS CDU
Applicable to:				
	P5429		22 NOV 17	ENGINE FUEL AND CONTROL - GENERAL FADEC SYSTEM A320/CFM56-5B - INTRODUCE ECU SOFTWARE STANDARD 5BI
Applicable to: LY-COD, LY-RAM				
	P5451		22 NOV 17	ELECTRICAL POWER - GENERAL AC & DC MAIN DISTRIBUTION - INSTALL A/C AND DC SHEDDABLE BUSBARS
Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM				
	P5518	32-1232 01 32-1336 01	30 OCT 18	LANDING GEAR - GENERAL - NORMAL BRAKING - INTRODUCE STD 8 BSCU TWIN VERSION
Applicable to: ALL				
	P5638		30 OCT 18	NAVIGATION - STANDBY DATA : ALTITUDE AND HEADING -INSTALL ISIS (INTEGRATED STANDBY INSTRUMENT SYSTEM) - SERIAL SOLUTION -
Applicable to: LY-COD, LY-EMU, LY-RAM				
	P5706	31-1197 00 31-1257 01	30 OCT 18	INDICATING/RECORDING SYSTEMS- FLIGHT WARNING COMPUTER (FWC) INSTALL FWC STD H2/E3
Applicable to: ALL				
	P5794	31-1140 05	30 OCT 18	INDICATING/RECORDING SYSTEMS- DATA LOADING SYSTEM-INSTALL A MULTIPURPOSE DISK DRIVE UNIT ARINC 615-3 IN THE COCKPIT P/N AC68A200
Applicable to: ALL				
	P6067		17 MAY 18	LANDING GEAR - NOSE LANDING GEAR WHEELS - DELETE RUBBING STRIPS
Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM				
	P6071	31-1132 59	03 JUN 19	INDICATING/RECORDING SYSTEMS - DMC - DISPLAY THE ALTITUDE IN METRES ON THE PRIMARY FLIGHT DISPLAY (PFD)
Applicable to: LY-COB, LY-COD, LY-RAM				

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	P6125		30 OCT 18	NAVIGATION - ADIRU - INSTALL HNWL ADIRU 4 MCU AD11 (NEW HARD) WITH 4 TRIMS OF ANEMO CORRECTION LAWS POSSIBILITIES AND MAGVAR TABLES UPDATED
Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL				
	P6146		30 OCT 18	INDICATING/RECORDING SYSTEM - FWC - INTRODUCE "F/CTL FLAP LVR NOT ZERO" RED WARNING
Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM				
	P6319		30 OCT 18	COMMUNICATIONS - AUDIO MANAGEMENT - INSTALL TEAM DIGITAL AMU P/N 4031-SA-01
Applicable to: LY-COD, LY-EMU, LY-RAM				
	P6538		03 JUN 19	INDICATING/RECORDING SYSTEMS - FWC - IMPROVE FWC TO COMPLY WITH NEW EMM BSCS WARNINGS AND ECAM INDICATIONS
Applicable to: LY-COD, LY-RAM				
	P6578		03 JUN 19	INDICATING/RECORDING SYSTEMS - ELECTRONIC INSTRUMENT SYSTEM INSTALL DMC, DU AND DISKETTES FOR EIS2
Applicable to: LY-COD, LY-RAM				
	P6688		30 OCT 18	COMMUNICATIONS - RADIO MANAGEMENT INSTALL A THIRD RADIO MANAGEMENT PANEL
Applicable to: LY-COD, LY-EMU				
	P6954	22-1102 02 22-1226 04	03 JUN 19	AUTO FLIGHT - FLIGHT AUGMENTATION COMPUTER (FAC SYSTEM) - INTRODUCE FAC SOFTWARE "BAM0516" CAPABLE OF A318
Applicable to: ALL				
	P7004	31-1286 01	30 OCT 18	INDICATING/RECORDING SYSTEM - DMC - INSTALL DMC V50 STANDARD
Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL				
	P7005	32-1232 01 32-1336 01	30 OCT 18	LANDING GEAR - NORMAL BRAKING - INTRODUCE STD 9 BSCU (TWIN VERSION)
Applicable to: ALL				
	P7092		03 JUN 19	INDICATING/RECORDING SYSTEM - EIS - ACTIVATE FUEL FLOW/DELTA ISA FUNCTION BY PIN PROGRAMMING ON DMC
Applicable to: LY-COD, LY-RAM				
	P7125	31-1197 00 31-1257 01	03 JUN 19	INDICATING/RECORDING SYSTEMS - FWC - INSTALL FWC STANDARD H2 F1 ON A318 PW
Applicable to: ALL				

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	P7175		30 OCT 18	ELECTRICAL POWER - GENERAL - INSTALL A COMMERCIAL SHEDDING PUSH-BUTTON SWITCH IN COCKPIT
Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM				
	P7268		30 OCT 18	NAVIGATION - ADIRU RESTORE RVSM 3 CIRCUITS CAPABILITIES - SERIAL SOLUTION
Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM				
	P7605	31-1357 01	30 OCT 18	INDICATING RECORDING SYSTEM - SDAC INSTALL WIRING PROVISIONS FOR SDAC H2E1A PIN PROGRAMMING.
Applicable to: ALL				
	P7692	32-1244 79	26 MAR 19	LANDING GEAR - WHEELS AND BRAKES - INSTL MBD WHLS & SEPCARB III + BRKS IN PLACE OF BFG WHLS AND SA3D BRKS (SB only)
Applicable to: LY-ELK, LY-EMU, LY-OWL				
	P7754		30 OCT 18	NAVIGATION - DDRMI REPLACE THALES DDRMI P/N 63543-150-3 BY P/N 63543-150-4.
Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM				
	P7756		16 DEC 19	NAVIGATION - DDRMI REPLACE THALES DDRMI P/N 63543-253-2 BY P/N 63543-253-3.
Applicable to: LY-COD				
	P7945		30 OCT 18	ELECTRICAL POWER - AC MAIN GENERATION INSTALL NEW GCU SOFTWARE STD 5.1 ON SA A/C EQUIPPED WITH ENHANCED EPGS
Applicable to: LY-COD, LY-EMU, LY-RAM				
	P8014		03 JUN 19	AUTO FLIGHT - FMGC RE-INSTALL FMGC2 CFM P/N C13042AA01 (ANTI MOD 32222)
Applicable to: LY-COD, LY-RAM				
	P8257	27-1149 02	03 JUN 19	FLIGHT CONTROLS - SEC SYSTEM INSTALL SPOILER AND ELEVATOR COMPUTER SOFTWARE FOR A318 EIS (BAM0511)
Applicable to: ALL				
	P8303		03 JUN 19	NAVIGATION DDRMI REMOVE DDRMI VOR/ADF/DME INDICATORS
Applicable to:				
	P8310		26 MAR 19	NAVIGATION - GPWS RE-INSTALL EGPWS P/N -206-206 (ANTI-MOD 31374+26935+21391)
Applicable to: LY-ELK				
	P8341		03 JUN 19	NACELLES/PYLONS - PYLONS - IMPROVE AERODYNAMIC SHAPE OF CFM PYLON
Applicable to:				

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	P8454		03 JUN 19	NAVIGATION - T2CAS - INSTALL ACSS TRAFFIC & TERRAIN COLLISION AVOIDANCE SYSTEM (T2CAS)
	Applicable to: LY-RAM			
	P8483	22-1171 02	03 JUN 19	AUTO FLIGHT - FMGC - INSTALL A NEW FMS2 THALES SMITH S3 STANDARD ON CFM A/C
	Applicable to: LY-COD, LY-RAM			
	P8671	31A1220 01	03 JUN 19	INDICATING RECORDING SYSTEM EIS INSTALL DMC SOFTWARE EIS2 S4-2 TO CORRECT TEMPORARY LOSS OF ALL EIS2 IMAGES
	Applicable to: LY-COD, LY-RAM			
	P8757		03 JUN 19	ENGINE FUEL AND CONTROL - GENERAL INTRODUCE HMU P13 ON CFM56-5A/5B ENGINES
	Applicable to: LY-COD, LY-RAM			
	P8799	34-1352 01	03 JUN 19	NAVIGATION - EGPWS - INSTALL AN EGPWC CAPABLE OF PEAKS/OBSTACLE FUNCTIONS WITH EIS1 & OF USING GPS LATERAL POSITION
	Applicable to: LY-COB, LY-COD, LY-EMU, LY-RAM			
	P8863		03 JUN 19	INDICATING/RECORDING SYSTEM FWC ACQUISITION INTERFACE CONNECT FWC TO RPWS TO PREVENT DOOR OPENING WITH RESIDUAL CABIN PRESSURE
	Applicable to: LY-COD, LY-RAM			
	P9051		03 JUN 19	NAVIGATION T2CAS ACTIVATE ALTERNATE LATERAL POSITION FOR T2CAS-
	Applicable to:			
	P9107	31-1267 03 31-1300 02	03 JUN 19	INDICATING/RECORDING SYSTEM FLIGHT WARNING COMPUTER - FWC - INSTALL FWC STANDARD H2 F3
	Applicable to: ALL			
	P9196	34-1335 02	03 JUN 19	NAVIGATION - STANDBY DATA (ISIS) INSTALL ISIS STD WB01 WITH CORRECTION OF "OUT OF ORDER" MESSAGE
	Applicable to: LY-COD, LY-EMU, LY-RAM			
	P9355		16 DEC 19	NAVIGATION - WEATHER RADAR SYSTEM - REMOVE WXR TRANSCIVER COLLINS "-623" AND DEACTIVATE (ANTI MOD 32740 AND 26560)
	Applicable to: LY-COD			
	P9365		03 JUN 19	AUTO FLIGHT - FMGC - CERTIFY FLS FUNCTION
	Applicable to:			
	P9522		03 JUN 19	AUTO FLIGHT - MCDU ACTIVATE BACK UP NAV FUNCTION
	Applicable to:			

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M ⁽¹⁾	CRITERION	Linked SB	Incorp. Date	Title
	P9594		03 JUN 19	PNEUMATIC LEAK DETECTION ACTIVATE PYLON LEAK DETECTION MONITORING
	Applicable to:			
	P9625	34-1365 01	03 JUN 19	NAVIGATION TRAFFIC AND TERRAIN COLLISION AVOIDANCE SYSTEM(T2CAS) - INSTALL T2CAS STD 2(-11111)
	Applicable to: LY-RAM			
	P9654		03 JUN 19	NAVIGATION EGPWS RE-INSTALL EGPWS P/N 965-1676-001 (ANTI-MOD 34634)
	Applicable to: LY-RAM			
	P9655	32-1335 00	03 JUN 19	LANDING GEAR NORMAL BRAKING INSTALL BSCU SOFTWARE STD "L4.9" (EM2)
	Applicable to: LY-RAM			
	P9824	31-1276 02	03 JUN 19	INDICATING / RECORDING SYSTEMS NSTALL DISPLAY MANAGEMENT COMPUTER SOFTWARE EIS2 S7 ELECTRONIC INSTRUMENT SYSTEM
	Applicable to: LY-COD, LY-RAM			
	P9873		03 JUN 19	POWER PLANT - GENERAL INTRODUCE CFM56-5BX/3 ENGINE (SAC) "TECH INSERTION PROGRAM"
	Applicable to:			
	P9891	31-1281 02	03 JUN 19	INDICATING RECORDING SYSTEM SDAC INSTALL SDAC STANDARD H2-E2
	Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL, LY-RAM			
	22-1026 19		22 NOV 17	AUTO FLIGHT - IAE/CFM ENGINES - PROVIDE PIN PROGRAMMING FOR ENERGY MANAGEMENT RETROFIT.
	Applicable to:			
	22-1102 02		17 MAY 18	AUTO FLIGHT - FLIGHT AUGMENTATION COMPUTER - INSTALL FAC STANDARD BAM0617.
	Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL			
	22-1138 01		26 MAR 19	AUTOFLIGHT - FLIGHT CONTROL UNIT - INTRODUCE THALES MODULAR FCU
	Applicable to: LY-COB			
	22-1146 00		26 MAR 19	AUTO FLIGHT - FMGC - INTRODUCE FMS2 THALES REV 1+ (S2) ASSOCIATED TO FG STD I9 ON IAE ENGINES.
	Applicable to: LY-ELK, LY-OWL			
	22-1171 02		16 DEC 19	AUTO FLIGHT - FMGC - INSTALL A NEW FMS2 THALES SMITHS S3 STANDARD ON CFM A/C.
	Applicable to: LY-COD			

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M ⁽⁷⁾	CRITERION	Linked SB	Incorp. Date	Title
	22-1172 01		26 MAR 19	AUTO FLIGHT - FLIGHT MANAGEMENT AND GUIDANCE COMPUTER- INSTALL FMS2 THALES "S3" ASSOCIATED TO FG "I9" : IAE ENGINES.
Applicable to: LY-ELK, LY-OWL				
	22-1203 02		30 OCT 18	AUTOFLIGHT - FMGC - INSTALL FMGC IAE STD P1110 (WITH FMS2 HONEYWELL) ON A/C FITTED WITH IAE POWERPLANTS.
Applicable to: LY-EMU				
	22-1226 04		17 MAY 18	AUTO FLIGHT - FLIGHT AUGMENTATION (FAC) INTRODUCE FAC SOFTWARE STD "BAM0619".
Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL				
	22-1270 04		30 OCT 18	AUTO FLIGHT - FMGC - INSTALL FMGC HWL H2111 (RELEASE 1A) ON IAE AND PW A/C.
Applicable to: LY-EMU				
	22-1360 02		03 JUN 19	AUTO-FLIGHT-FLIGHT MANAGEMENT AND GUIDANCE COMPUTER (FMGC)-INSTALL FMGC THALES S6C13 ON CFM A/C
Applicable to: LY-COD, LY-RAM				
	22-1375 00		30 OCT 18	AUTO FLIGHT - FLIGHT AUGMENTATION COMPUTER (FAC) - INTRODUCE FAC SOFTWARE STANDARD BAM0621 (ROPS FUNCTION).
Applicable to: ALL				
	22-1379 01		30 OCT 18	AUTO FLIGHT - FMGC - INSTALL FMGC H2112 HONEYWELL ON IAE/PW AIRCRAFT
Applicable to: LY-EMU				
	22-1462 02		03 JUN 19	AUTOFLIGHT - FMGC - INSTALL FMS THALES RELEASE 1A S7A (WITH FG C13) ON CFM A/C
Applicable to: LY-COD, LY-RAM				
	22-1463 02		18 FEB 20	AUTO FLIGHT - FMGC - INSTALL FMS THALES RELEASE 1A STANDARD S7A (WITH FG I12) ON IAE/PW AIRCRAFT
Applicable to: LY-ELK, LY-OWL				
	22-1544 00		18 FEB 20	AUTO FLIGHT - FLIGHT MANAGEMENT AND GUIDANCE COMPUTER (FMGC) - INSTALL FMGC S7A I15 THALES ON IAE A/C
Applicable to: LY-ELK, LY-OWL				
	22-1547 01		22 MAY 19	FLIGHT MANAGEMENT AND GUIDANCE COMPUTER (FMGC) - INSTALL FMGC H2C115 HONEYWELL ON IAE AND PW ENGINE
Applicable to: LY-EMU				

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	22-1553 00		30 OCT 18	AUTO FLIGHT - FLIGHT AUGMENTATION COMPUTER (FAC) - INTRODUCE FAC B624 (ROPS AND SHARKLET)
Applicable to: ALL				
	22-1635 01		20 AUG 19	FMGC - INSTALL FMGC H2C-PI13 FROM LEGACY (INCLUDING PDB)
Applicable to: LY-COB				
	23-1058 12		26 MAR 19	COMMUNICATIONS - HF-SYSTEM - INSTALL FULL PROVISION FOR TWO HF-SYSTEMS (ARINC 719)
Applicable to: LY-ELK, LY-OWL				
	23-1113 09		26 MAR 19	COMMUNICATIONS - HF SYSTEM - INSTALL ONE HONEYWELL HF VOICE SYSTEM.
Applicable to: LY-ELK, LY-OWL				
	23-1373 03		16 DEC 19	COMMUNICATIONS - ANTI HIJACK CAMERA MONITORING - INSTALL UNITS FOR A COCKPIT DOOR SURVEILLANCE SYSTEM (CDSS)
Applicable to: LY-COD				
	24-1120 04		22 NOV 17	ELECTRICAL POWER - AC ESSENTIAL GENERATION SWITCHING - INSTALL AUTO SWITCHING SYSTEM FOR AC AND DC ESS BUS.
Applicable to: LY-COB, LY-COD, LY-ELK, LY-EMU, LY-OWL				
	25-1305 06		22 NOV 17	EQUIPMENT/FURNISHINGS - PASSENGER COMPARTMENT - INTRODUCE A MODIFIED INTRUSION AND PENETRATION RESISTANT COCKPIT DOOR
Applicable to: LY-COB				
	25-1400 17		22 NOV 17	EQUIPMENT/FURNISHINGS - CURTAINS AND PARTITIONS - INSTALL A DEADBOLT IN THE REINFORCED COCKPIT DOOR
Applicable to: LY-EMU				
	25-1BHK 10		06 APR 20	MISCELLANEOUS EMERGENCY EQUIPMENT - INSTALL LOW FREQUENCY UNDERWATER LOCATOR BEACON (LF-ULB)
Applicable to: LY-ELK, LY-OWL				
	27-1113 12		26 MAR 19	FLIGHT CONTROLS - FCDC SYSTEM - PROVIDE A VISUAL INDICATION FOR SIMULTANEOUS SIDE STICK ACTION.
Applicable to: LY-COB, LY-ELK, LY-OWL				
	27-1149 02		22 NOV 17	FLIGHT CONTROLS - SEC SYSTEM - INSTALL SPOILER AND ELEVATOR COMPUTER SOFTWARE FOR A318 EIS
Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL				

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	27-1234 01		03 JUN 19	FLIGHT CONTROL - ELEVATOR AILERON COMPUTER SYSTEM (ELAC)-INSTALL L97 STANDARD ON ELAC B WITH DATA LOADING CAPABILITY
Applicable to:				
	27-1238 00		30 OCT 18	FLIGHT CONTROLS - ELAC - INSTALL L97 STANDARD ON ELAC B WITHOUT DATALOADING CAPABILITY
Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM				
	27-1243 01		22 NOV 17	FLIGHT CONTROLS - ELEVATOR AILERON COMPUTER SYSTEM (ELAC) - INSTALL ELAC B L97+ WITH DATA LOADING CAPABILITY
Applicable to: LY-COB				
	28-1070 01		15 FEB 18	FUEL- ENGINE FEED - INTRODUCE TWIN MOTOR ACTUATOR FOR LP & CROSS FEED VALVE P/N-2
Applicable to:				
	28-1106 03		17 MAY 18	FUEL - MANUAL MAGNETIC INDICATORS - ATTITUDE MONITOR DELETION
Applicable to: LY-COB				
	28-1150 01		16 DEC 19	FUEL - QUANTITY INDICATION - REMOVE FUEL LEAK DETECTION FUNCTION ASSOCIATED WITH FQIC 13-10 (ANTI-MOD FOR MOD 32650)
Applicable to: LY-COD				
	28-1159 00		22 NOV 17	FUEL - MAIN FUEL PUMP SYSTEM - FUEL PUMPS - APPLY CORRECT TORQUE AND SCREW LOCKING ON GAS RETURN OUTLET BOLTS
Applicable to: LY-COB, LY-COD, LY-ELK, LY-EMU, LY-OWL				
	28-1214 02		03 JUN 19	FUEL - QUANTITY INDICATING - ACTIVATE FUEL LEAK DETECTION WARNING SYSTEM
Applicable to:				
	28-1215 00		03 JUN 19	FUEL - QUANTITY INDICATING - INTRODUCE NEW STANDARD OF FQIC
Applicable to:				
	29-1111 01		22 NOV 17	HYDRAULIC POWER - AUXILIARY HYDRAULIC POWER - AIRBORNE GROUND CHECKOUT MODULE (AGCM) - INTRODUCE MODIFIED AGCM
Applicable to: LY-COB				
	31-1115 12		26 MAR 19	INDICATING/RECORDING SYSTEMS - FWC - PROVIDE NEW SYNTHETIC VOICE "DUAL INPUTS".
Applicable to: LY-COB, LY-ELK, LY-OWL				
	31-1123 11		15 FEB 18	INDICATING/RECORDING SYSTEMS - AIRCRAFT INTEGRATED DATA SYSTEM (AIDS) - INSTALL

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				COMPLETE PROVISIONS FOR A DATA MANAGEMENT UNIT (DMU).
	Applicable to:			
	31-1132 59		26 MAR 19	DMC - DISPLAY ALTITUDE IN METRIC UNITS ON THE PRIMARY FLIGHT DISPLAY (PFD).
	Applicable to: LY-COB			
	31-1140 05		26 MAR 19	INDICATING-RECORDING SYSTEMS-DATA LOADING SYSTEMS-INSTALL A SFIM MULTIPURPOSE DISC DRIVE UNIT IN COCKPIT
	Applicable to: LY-COB			
	31-1141 04		22 NOV 17	INDICATING/RECORDING SYSTEMS - FWS - INTRODUCE FWC STANDARD H1P-E3P.
	Applicable to:			
	31-1197 00		26 MAR 19	INDICATING RECORDING SYSTEM - FLIGHT WARNING COMPUTER (FWC) - INSTALL FWC STANDARD H2F2.
	Applicable to: LY-ELK, LY-OWL			
	31-1211 33		17 JUN 19	USE METRIC UNITS IN PLACE OF US UNITS
	Applicable to: LY-ELK, LY-OWL			
	31-1257 01		22 NOV 17	INDICATING RECORDING SYSTEM - FLIGHT WARNING COMPUTER (FWC) - INSTALL FWC STANDARD H2-F2.
	Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL			
	31-1264 04		22 NOV 17	INDICATING RECORDING SYSTEM - ACTIVATION OF FWC HARD PIN PROGRAMMED FUNCTIONS.
	Applicable to: LY-COB, LY-COD, LY-ELK, LY-OWL			
	31-1267 03		22 NOV 17	INDICATING/RECORDING SYSTEMS - FLIGHT WARNING COMPUTER (FWC) - INSTALL FWC STANDARD H2F3.
	Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL			
	31-1276 02		16 DEC 19	INDICATING/RECORDING SYSTEMS - ELECTRONIC INSTRUMENT SYSTEM(EIS) - INSTALL DISPLAY MANAGEMENT COMPUTER SOFTWARE EIS2 S7
	Applicable to: LY-COD			
	31-1281 02		16 DEC 19	INDICATING RECORDING SYSTEM - SYSTEM DATA ACQUISITION CONCENTRATOR (SDAC) - INSTALL SDAC STANDARD H2-E2.
	Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL			
	31-1286 01		22 NOV 17	INDICATING/RECORDING SYSTEMS - DMC - INTRODUCE DMC EIS1 V60 STANDARD.
	Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL			

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	31-1300 02		22 NOV 17	INDICATING/RECORDING SYSTEMS - FLIGHT WARNING COMPUTER (FWC) - INSTALL FWC STANDARD H2-F3P.
	Applicable to: ALL			
	31-1334 04		22 NOV 17	INDICATING/RECORDING SYSTEMS - FLIGHT WARNING COMPUTER (FWC) - INSTALL FWC STANDARD H2-F5
	Applicable to: ALL			
	31-1352 00		16 DEC 19	INDICATING/RECORDING SYSTEMS - FWC - ACQUISITION/INTERFACE ACTIVATE MONITORING OF ATC/XPDR
	Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL			
	31-1357 01		16 DEC 19	INDICATING RECORDING SYSTEM - SDAC - INSTALL WIRING PROVISIONS FOR SDAC H2-E2 PIN PROGRAMMING
	Applicable to: LY-COB			
	31-1373 00		22 NOV 17	INDICATING/RECORDING SYSTEMS - FLIGHT WARNING COMPUTER (FWC) - INSTALL FWC STANDARD H2-F6
	Applicable to: ALL			
	31-1414 03		22 NOV 17	INDICATING RECORDING SYSTEMS - FWC - INTRODUCE FWC STANDARD H2-F7
	Applicable to: ALL			
	31-1419 08		22 MAY 19	DATA LOADING SYSTEM - INSTALL A PORTABLE DATA LOADER CONNECTOR AND DISK STOWAGE
	Applicable to: LY-COB			
	31-1421 27		06 APR 20	DMC - INTRODUCE STD V70
	Applicable to: LY-COB			
	31-1433 01		03 JUN 19	INDICATING/RECORDING SYSTEMS - ELECTRONIC INSTRUMENT SYSTEM (EIS) - INTRODUCE EIS2 STANDARD S11
	Applicable to: LY-COD, LY-RAM			
	31-1450 01		28 NOV 19	INDICATING/RECORDING SYSTEMS - SDAC ACQUISITION/INTERFACE - INSTALL SDAC STANDARD H2-E4
	Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL			
	31-1492 00		26 MAR 19	INDICATING/RECORDING SYSTEMS - FLIGHT WARNING COMPUTER (FWC) - INSTALL FWC H2-F9D FOR CEO AIRCRAFT
	Applicable to: ALL			

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	31A1220 01		13 MAY 20	INDICATING / RECORDING SYSTEMS - ELECTRONIC INSTRUMENT SYSTEM (EIS) - INSTALL DISPLAY MANAGEMENT COMPUTER SOFTWARE EIS2 S4-2.
	Applicable to:			
	32-1162 22		15 FEB 18	LANDING GEAR - NORMAL BRAKING - INSTALLATION OF MESSIER BUGATTI SEPCARB III BRAKES.
	Applicable to:			
	32-1232 01		22 NOV 17	LANDING GEAR - NORMAL BRAKING - INTRODUCE STD 9 BSCU (TWIN VERSION) FROM STD 7.
	Applicable to: LY-COB			
	32-1244 79		06 APR 20	WHEELS AND BRAKES - REPLACE UTAS (EX GOODRICH) WHEELS AND BRAKES BY SAFRAN LS (EX MESSIER-BUGATTI) WHEELS AND BRAKES
	Applicable to: LY-EMU			
	32-1245 02		22 NOV 17	LANDING GEAR - MAIN GEAR - REPLACE MESSIER WHEELS AND SEPCARB III (PLUS) BRAKES BY LATEST STANDARD OF GOODRICH WHEELS & SEPCARB III BRAKES.
	Applicable to:			
	32-1247 02		30 OCT 18	LANDING GEAR - WHEELS AND BRAKES - CANCEL MIXABILITY BETWEEN GOODRICH BRAKES 2-1600-2 AND -3 AUTHOR.
	Applicable to: LY-ELK, LY-EMU, LY-OWL			
	32-1291 01		22 NOV 17	LANDING GEAR - WHEELS AND BRAKES INTRODUCE GOODRICH DURACARB CARBON BRAKES WITH ANTI - OXIDANT "M1".
	Applicable to: LY-ELK, LY-EMU, LY-OWL			
	32-1335 00		16 DEC 19	LANDING GEAR - NORMAL BRAKING - INSTALL BSCU SOFTWARE STD "L4.9".
	Applicable to: LY-RAM			
	32-1336 01		22 NOV 17	LANDING GEAR - NORMAL BRAKING - INSTALL BSCU STD 10 BY SB ONLY.
	Applicable to: LY-COB			
	32-1343 01		16 DEC 19	LANDING GEAR - NORMAL BRAKING - REINSTALL BSCU SOFTWARE STD "L4.8" (EMM)
	Applicable to: LY-RAM			
	32-1350 00		16 DEC 19	LANDING GEAR - NORMAL BRAKING - INSTALL BSCU SOFTWARE STD L4.9B (EMM).
	Applicable to: LY-COD, LY-RAM			

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	32-1432 01		26 MAR 19	LANDING GEAR - NORMAL BRAKING - INSTALL BSCU SOFTWARE STANDARD L4.10
Applicable to: LY-COB				
	33-1057 03		22 NOV 17	LIGHTS - INSTRUMENT AND PANEL INTEGRAL LIGHTING - ENSURE EMERGENCY LIGHTING FOR STAND-BY INSTRUMENTS.
Applicable to: LY-COB, LY-ELK, LY-OWL				
	34-1188 29		22 NOV 17	NAVIGATION - GPWS - INSTALL PROVISIONS FOR EGPWS (SINGLE WXR) A320.
Applicable to:				
	34-1189 30		15 FEB 18	NAVIGATION - GPWS - INSTALL ENHANCED GPWS ON A320.
Applicable to:				
	34-1278 04		26 MAR 19	NAVIGATION - GPWS - INSTALL ENHANCED GPWS PN 965-1676-001.
Applicable to: LY-COB				
	34-1335 02		30 OCT 18	NAVIGATION - STANDBY DATA : INTEGRATED STANDBY INSTRUMENT SYSTEM (ISIS) - INSTALL ISIS STD WB01.
Applicable to: LY-EMU				
	34-1352 01		30 OCT 18	NAVIGATION - GPWS - USE LATERAL GPS POSITION WITH AUTOMATIC DESELECTION OF TERRAIN MODES.
Applicable to: LY-COB, LY-COD, LY-EMU				
	34-1359 02		22 NOV 17	NAVIGATION - ADIRS - UPDATE WIRING INTERFACE BETWEEN SFCC AND ADIRU IN ORDER TO PREVENT SFCC DATA CORRUPTION.
Applicable to:				
	34-1365 01		16 DEC 19	NAVIGATION - TRAFFIC AND TERRAIN COLLISION AVOIDANCE SYSTEM - INSTALL T2CAS STD 2 (-11111)
Applicable to: LY-RAM				
	34-1418 74		13 JAN 20	ATC/MODE S (SELECT) - CERTIFY ADS-B OUT CAPABILITY THROUGH EXTENDED SQUITTER 1090 MHZ.
Applicable to: LY-COB				
	34-1488 07		03 JUN 19	NAVIGATION - T3CAS - INSTALL ACSS T3CAS, BASED ON T2CAS INSTALLATION
Applicable to:				

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	34-1516 00		03 JUN 19	NAVIGATION - TRAFFIC COLLISION AVOIDANCE SYSTEM (TCAS) - INSTALL ACSS T2CAS STANDARD 3 CHANGE 7.0
	Applicable to: LY-RAM			
	34-1589 00		16 DEC 19	NAVIGATION - GENERAL- FLIGHT MANUAL EXTENSION TO RNP STEP 3 (FOR CHINA)
	Applicable to: LY-COD			
	46-1044 17		06 APR 20	ATSU - INSTALL ATSU CSB4 WITH HARDWARE - 070 IN PREFANS CONFIGURATION.
	Applicable to: LY-COB			
	49-1029 27		22 NOV 17	AIRBORNE AUXILIARY POWER - GENERAL - INTRODUCE AUXILIARY POWER UNIT APIC APS-3200
	Applicable to:			
	49-1069 23		13 MAY 20	POWER PLANT - REPLACE THE APU GTCP 36-300 BY APU HONEYWELL 131-9(A)
	Applicable to: LY-ELK, LY-OWL			
	49-1071 20		16 DEC 19	POWER PLANT - REPLACE THE HONEYWELL APU 131-9(A) WITH AN HONEYWELL APU GTCP36-300
	Applicable to: LY-COD			
	49-1073 20		06 APR 20	POWER PLANT - INTRODUCE AUXILIARY POWER UNIT HONEYWELL GTCP 36-300
	Applicable to:			
	52-1071 08		15 FEB 18	DOORS - FWD/AFT CARGO COMPARTMENT DOORS - MODIFY DOOR ACTUATOR ATTACHMENT AREA
	Applicable to:			
	71-1043 06		22 NOV 17	POWER PLANT - GENERAL - DEFINE ENGINE INTERMIX CONFIGURATIONS BETWEEN CFM56-5BX/P, CFM56-5BX, CFM56-5BX/3 AND CFM56-5BX/P TI HPC KIT (SAC ENGINES ONLY).
	Applicable to: LY-COD			
	73-1026 03		22 NOV 17	ENGINE FUEL AND CONTROL - IAE 2500 A1/FADEC SYSTEM - INTRODUCE SOFTWARE VERSION SCN 12B
	Applicable to:			
	73-1097 00		26 MAR 19	ENGINE FUEL AND CONTROL- FADEC SYSTEM- INTRODUCE EEC SOFTWARE STANDARD SCN21/AA FOR IAE V2500-A5
	Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL			

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	73-1100 02		22 NOV 17	ENGINE FUEL AND CONTROL- FADEC SYSTEM- INSTALL ECU SOFTWARE STANDARD 5BS2 ON CFM56-5B ENGINES.
	Applicable to: LY-COD, LY-RAM			
N	34-STC10072022		28 OCT 20	ATC/MODE S (SELECT) - CERTIFY ADS-B OUT CAPABILITY THROUGH EXTENDED SQUITTER 1090 MHZ.
	Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM			

(1) Evolution code : N=New, R=Revised, E=Effectivity


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FOREWORD

Ident.: HOW-00012802.0001001 / 03 MAR 21

Applicable to: ALL

This Minimum Equipment List (MEL) takes into account the specific configuration of each aircraft of the GETJET Airlines fleet.
The aircraft validity is managed at Documentary Unit (DU) level. *Refer to HOW Documentary Unit (DU)*
This MEL is produced in XML format and can be published in PDF format and in electronic format for electronic consultation on EFB.
Airbus also proposes a set of tools to create and publish the GetJet Airlines MEL based on MMEL.

QUESTIONS AND SUGGESTIONS

Ident.: HOW-00012803.0001001 / 13 MAY 20

Applicable to: ALL

For any questions or comments related to this manual, all MEL holders and users can contact the GetJet Airlines Flight Operations Management and Technical department.
The following address should be applied:
E.MAIL : info@getjet.aero

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MEL CONTENTS

Ident.: HOW-00012804.0001001 / 19 AUG 20

Applicable to: **ALL**

This MEL has four sections:

- How to Use (HOW) : This section contains general information and describes the organization of the manual.
- MEL Entries (ME) : This section lists all the ECAM alerts and indicates the associated MEL item (if any) to apply for dispatching the aircraft. This section is a user-friendly entry point for the flight crew and the maintenance personnel when an ECAM alert reports a system failure.
- MEL Items (MI) : This section is approved by LITHUANIAN TKA contain lists of all the MEL items with the associated dispatch conditions.
- MEL Operational Procedures (MO) : This section gives the operational procedures that are associated with the MEL items.

Note: The MEL Maintenance Procedures are published in the AMM.

HOW TO GET THE MEL UPDATED?

Ident.: HOW-00012805.0001001 / 03 MAR 21

Applicable to: **ALL**

Airbus provides the GETJET Airlines with an MMEL which reflects the aircraft configuration at delivery, and the necessary revisions to reflect configuration changes due to Airbus approved modifications.

GETJET Airlines must inform Airbus without delay of the effective changes to the aircraft delivery configuration made through Airbus Service Bulletin (SB). This permits Airbus to provide the GETJET Airlines with the MMEL revisions/updates.

The Operator must timely report any SB embodiment to the following address:

E.MAIL : sb.reporting@airbus.com

Airbus will not provide revisions, and will not take responsibility for any effect on the MMEL:

- Due to modifications installed by third parties without an Airbus SB, and/or
- Due to modifications installed through an Airbus SB, if Airbus is not informed of the SB embodiment.

DOCUMENTARY UNIT (DU)

Ident.: HOW-00012806.0001001 / 13 MAY 20

Applicable to: **ALL**

This MEL is made of Documentary Units (DU). The DUs contain the technical data.

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In the MEL, a DU can be:

- An ECAM alert,
- An MEL item,
- An MEL operational procedure.

The List of Effective Documentary Units (LEDU) lists all the DUs that constitute this MEL.

The DUs are arranged into sections and subsections (also called PSL). The List of Effective Sections/Subsections (LESS) lists all the subsections that constitute this MEL. The subsections contain the DUs.

DU IDENTIFICATION STRIP

In the PDF format, below the title of the DU, the grey identification strip indicates for each DU:

- The DU identification (Ident.). Each DU is identified by its unique identification number. This DU identification is used to cross-refer to the LEDU.
- The DU date. For approved DUs (MEL items DU), this date corresponds to the approval date by the EASA of the MMEL revision. For non-approved DUs, this date corresponds to the date of release of the DU by Airbus and/or GETJET Airlines.
- The "Applicable to" field that lists the aircraft to which the DU applies.

***Note:** 0012-0220 means that the DU applies to all MSNs (listed in the AAT) from MSN 0012 up to and including MSN 0220.*

In the electronic format, the same information is available by selecting the "DOC REF" option in the INFO drop down list. The electronic format also displays the "Criteria" field that indicates the aircraft configuration to which the DU applies.

LIST OF EFFECTIVE DOCUMENTARY UNITS (LEDU)

For each DU, the LEDU indicates the following information:

- The "M" field that may indicate the following Evolution Code:
 - The "E" letter indicates an aircraft validity change of the DU. The list of aircraft to which the DU applies has changed compared to the previous MEL revision, by addition or deletion of one or several aircraft.
 - The "N" letter indicates a new DU added by this MEL revision.
 - The "R" letter indicates a revised DU. The content of the DU is updated by this MEL revision.
- The "Localization" field that is the identification of the subsection that contains the DU. In the PDF format, this cross-refers to the page footer, which permits the user to localize the DU within the manual.
- The DU title.
- The DU identification (Ident.). Each DU is identified by its unique identification number. This DU identification is used to cross-refer to the LEDU.

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- The DU date. For approved DUs (MEL items DU), this date corresponds to the approval date by the EASA of the MMEL revision. For non-approved DUs, this date corresponds to the date of release of the DU by Airbus and/or GETJET Airlines.
- The criteria: This field indicates the aircraft configuration to which the DU applies.
- The "Applicable to" field that lists the aircraft to which the DU applies.

Note: 0012-0220 means that the DU applies to all MSNs (listed in the AAT) from MSN 0012 up to and including MSN 0220.

MEL REVISION MANAGEMENT
Ident.: HOW-00012807.0001001 / 27 MAY 21 Applicable to: ALL

MEL REVISION CYCLE

The MEL revision adds, updates, or deletes information. GETJET Airlines determines the revision cycle. New MEL must be submitted to the competent authority within 90 days from the MMEL issue or modification affecting MEL. For urgent update, Airbus issues an immediate revision regardless of the revision cycle.

MEL ISSUE DATE

An issue date identifies each MEL revision.

The issue date appears:

- In the Transmittal Letter for the PDF format, and
- In the LIBRARY panel of the OPS LIBRARY Browser for the electronic consultation.

Note: The issue date is different from the LITHUANIAN TKA approval date. The LITHUANIAN TKA approval date appears in the MEL Approval Reference of the MEL Preamble. The applicability date of this MEL is based on the issue date and not on the EASA approval date (Refer to MI-00-01 MEL Approval Reference).

MEL REVISION CONTENTS

Each MEL revision contains the following information that is useful to update the MEL and to identify the changes that the revision has inserted:

- The Transmittal Letter (in PDF format only),
- The List of Effective Sections/Subsections (LESS) (in PDF format only),
- The Filling Instructions (in PDF format only),
- The List of Effective Documentary Units (LEDU),
- The Summary of Highlights (SOH).

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Each MEL revision also contains:

- An Aircraft Allocation Table (AAT),
- A List of Modifications (LOM).

When there is a change within a DU, the MEL revision updates the whole subsection that contains the DU.

PDF PAGE HEADER AND FOOTER

In the PDF format, the header of the page contains the subsection title whereas the footer contains:

- The subsection identification,
- The subsection issue date. The subsection issue date corresponds to the issue date of the latest MEL revision that has revised the subsection.
- The page number within this subsection and the total number of pages within this subsection.
- The Table of Contents (TOC) indexing.

This TOC indexing uses the TOC indexes. Each TOC entry has an alphabetical index that identifies this TOC entry within its subsection. The manual user can easily find a TOC entry content within the manual thanks to this alphabetical index and the subsection identification. Both are indicated in the TOC and both cross-refer to the PDF page footer.

In the PDF page footer, the TOC indexing is of the following type:

- B : The PDF page contains the whole "B" TOC entry content.
- B to D : The PDF page contains the whole "B", "C" and "D" TOC entries contents.
- B→ : The "B" TOC entry content starts on this PDF page and continues on the following PDF page.
- ←B : The "B" TOC entry content starts on a previous PDF page and finishes on this PDF page.
- ←B→ : The "B" TOC entry content starts on a previous PDF page and continues on the following PDF page.
- B to D→ : The PDF page contains the whole "B" and "C" TOC entries contents but the "D" TOC entry content starts on this PDF page and continues on the following PDF page.
- ←B to D : The PDF page contains the whole "C" and "D" TOC entries contents but the "B" TOC entry content starts on a previous PDF page and finishes on this PDF page.
- ←B to D→ : The PDF page contains the whole "C" TOC entry content but the "B" TOC entry content starts on a previous PDF page and finishes on this PDF page and the "D" TOC entry content starts on this PDF page and continues on the following PDF page.

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Note: 1. The indexes follow the alphabetical order: A, B, C, ..., Z, AA, AB, AC, ..., AZ, BA, BB, BC, ...

2. For each subsection, the index starts again from A.

LIST OF EFFECTIVE SECTIONS/SUBSECTIONS (LESS)

The manual is organized by sections and subsections (also called PSL). The subsections contain the DUs.

The LESS lists all the subsections that constitute this MEL. The LESS only exists in the PDF format.

When there is a change within a DU, the MEL revision updates the whole subsection that contains the DU. This subsection gets a new date that corresponds to the issue date of the MEL revision.

Note: Each subsection has its own date that corresponds to the issue date of the latest MEL revision that has revised the subsection. Therefore subsections of a same manual might have different dates.

For each subsection, the LESS indicates:

- The subsection identification (also referred to as localization),
- The subsection title,
- The subsection issue date. The subsection issue date corresponds the issue date of the latest MEL revision that has revised the subsection.
- The "M" field that may indicate the following Evolution Code:
 - The "E" letter indicates only an aircraft validity change of one or several DUs of this subsection compared to the previous MEL revision. No DU content of this subsection has changed compared to the previous MEL revision.
 - The "M" letter indicates a subsection that has moved compared to the previous MEL revision.
 - The "N" letter indicates a new subsection added by this MEL revision.
 - The "R" letter indicates a revised subsection. The content of one or several DUs of this subsection is updated by this MEL revision.

Each PDF page footer indicates the subsection identification and the subsection issue date for cross-reference with the LESS. Therefore the manual holder can use the LESS to ensure that the MEL is up-to-date and that no page is missing.

FILLING INSTRUCTIONS

The Filling Instructions enable the manual holder:

- To update the paper MEL when a new MEL revision is available, and
- To quickly identify the subsections that the new MEL revision has revised.

The Filling Instructions notify the manual holder to remove a subsection, to add a new subsection or to update an existing subsection.

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For each revised subsection, the Filling Instructions also indicate:

- The subsection identification (also referred to as localization),
- The subsection title,
- The new issue date of the subsection.

After incorporating the new revision with the Filling Instructions, the manual organization must correspond to the LESS.

The Filling Instructions only exist in the PDF format.

Each PDF page footer indicates the subsection identification and the subsection issue date for cross-reference with the Filling Instructions. Therefore the manual holder can use the Filling Instructions to update the paper MEL and to identify the latest revised subsections.

HIGHLIGHTS AND REVISION MARKS

In the PDF format, a vertical bar in the margin of the DU identifies the modified part. Each vertical bar has a numerical index that refers to the associated reason of the change in the Summary of Highlights (SOH).

The SOH lists all the changes and associated reasons of the change (if necessary) that the revision has inserted.

In electronic consultation, the vertical bar is available by selecting the “REV MARKS” option in the INFO drop down list. The user can display the associated reason of the change by clicking on the bar.

AIRCRAFT ALLOCATION TABLE (AAT)

The AAT indicates the list of aircraft that are taken into account in this MEL. For each aircraft, the AAT indicates the following information:

- The MSN number,
- The Fleet Serial Number (FSN) of the aircraft as known by Airbus,
- The registration number of the aircraft as known by Airbus,
- The aircraft model.

The “M” field may indicate the following Evolution Code:

- The “N” letter indicates a new aircraft added by this MEL revision,
- The “R” letter indicates a change of the FSN or registration number or aircraft model.

LIST OF MODIFICATIONS (LOM)

The LOM lists the criteria (Modification Proposals (MP) and Service Bulletins (SB)) which the installation on the aircraft affects the MEL.

The LOM also indicates:


- The title of the criteria,
- The date of incorporation of the criteria in the MEL,


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- The list of aircraft that have the criteria,
- The “M” field that may indicate the following Evolution Code:
 - The “E” letter indicates an aircraft validity change of the criteria. The list of aircraft to which the criteria applies has changed compared to the previous MEL revision, by addition or deletion of one or several aircraft.
 - The “N” letter indicates new criteria added by this MEL revision,
 - The “R” letter indicates a change in the criteria title or associated SB.

OPTIONAL EQUIPMENT (IF INSTALLED)


Ident.: HOW-00012808.0001001 / 13 MAY 20
Applicable to: ALL

The (If Installed) symbol  indicates that a paragraph is applicable only if the aircraft has the related MEL item.


When a DU title has the (If Installed) symbol  , this indicates that the DU might not apply to all the aircraft listed in the DU applicability.

The management of the (If Installed) symbol  in the MEL is left at GETJET Airlines discretion.

GETJET Airlines may:

- Manage the aircraft validity for the DU and remove (If Installed) symbol  from the MEL if the related MEL item is fitted on the entire GETJET Airlines fleet, or
- Remove the DU from the MEL if the related MEL item is not fitted on the entire Operator's fleet.


If the related MEL item is only fitted on part of GETJET Airlines fleet or if the GETJET Airlines introduces new aircraft in its fleet with different technical configuration:

- The (If Installed) symbol  can be left in theMEL. This is the Airbus preferred option to ease MEL configuration management.

REMOVAL OF ITEM

Ident.: HOW-00012809.0001001 / 13 MAY 20
Applicable to: ALL

When operating under MEL, it is not permitted to remove the item from its place in the aircraft, unless the associated dispatch condition clearly authorizes GETJET Airlines to do it.

***Note:** The (If Installed) symbol  does not mean that the Operator can remove the item. This symbol indicates that the configuration of some aircraft of GETJET Airlines fleet might not include this item. Refer to HOW Optional Equipment (If Installed).*

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The CONDITION OF DISPATCH column may also give the following alternate possibilities:

- NO DISPATCH : It is not permitted to dispatch the aircraft when the ECAM displays this alert.
- Not related to MEL : The ECAM alert does not report a system failure but a reversible abnormal condition such as the state of a system or an aircraft configuration or an external condition. This condition is not a system failure and is not related to MEL. The MEL shall not be used. This is not a NO-GO situation. The corrective action to revert to normal condition is immediate, obvious or well known by flight crew and/or maintenance personnel.

HOW TO USE THE MEL ITEMS SECTION?

Ident.: HOW-00012811.0001001 / 27 MAY 21

Applicable to: ALL

This section lists the equipment, components, systems or functions that are safety-related and that are temporarily permitted to be inoperative at departure provided that GETJET Airlines complies with the associated MEL requirements.

Note: One single computer may include several functions. The corresponding MEL item is either:

- The computer: The MEL does not consider the loss of a single function. In this case, when one function is inoperative, GETJET Airlines must consider that the computer is inoperative.
- Each function separately. In this case, if several functions are inoperative, GETJET Airlines must apply all related MEL items.

ITEM NUMBERING

A code of three pairs of digits or four pairs of digits identifies each MEL item.
The three first digits of this numbering system follow the ATA Spec 2200.

For practical reasons, the second pair of digits also follows the below Airbus organization:

- **00** refers to maintenance messages on the STATUS SD page,
- **01** refers to items located on the overhead panels,
- **05** refers to indications on the PFD,
- **06** refers to indications on the ND,
- **07** refers to indications on the SD pages,
- **08** refers to indications on the EWD,
- **09** refers to ECAM alerts,
- **10** to **95** follows the ATA Spec 2200 (first digit only).

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The last pair of digits is the item rank. The item rank complies with the following Airbus organization rules:

- Item ranks from 01 to 49 are for Airbus MEL items.

For items on the overhead panels:

- Item ranks from 01 to 29 refer to lights,
- Item ranks from 31 to 49 refer to pushbutton switches and selectors.

- Item ranks from 50 to 99 are for GETJET AirlinesMEL items.

DISPATCH CONDITIONS

The dispatch conditions indicate (for each applicable item) the suitable conditions, limitations (placards, operational procedures, maintenance procedures) necessary to ensure that an acceptable level of safety is maintained.

Some MEL items may have several dispatch conditions. Each dispatch condition offers a different option to dispatch the aircraft.

A reference identifies each dispatch condition.

EXAMPLE	<p>Dispatch condition reference 27-10-01C:</p> <ul style="list-style-type: none"> - 27-10-01 corresponds to the item number, - The letter "C" identifies the dispatch condition within the item 27-10-01. <p><i><u>Note:</u> If GETJET Airlines receives only the dispatch conditions 27-10-01B and 27-10-01D, this means that the dispatch conditions 27-10-01A and 27-10-01C do not apply to GETJET Airlines fleet (this does not mean that the dispatch conditions 27-10-01A and 27-10-01C are missing from the MEL).</i></p>
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The dispatch condition reference is used:

- To identify the open MEL items in the logbook,
- To refer to the associated operational procedure (if any),
- To refer to the associated maintenance procedure (if any),
- To provide the Operator’s engineering and maintenance personnel with a unique reference at fleet level for each option of dispatch for tracking and reporting purposes.

When an MEL item has several dispatch conditions, GETJET Airlines must select and apply only one dispatch condition at a time. An optional operational title is provided for each of the dispatch condition reference. The aim of an operational title is to help GETJET airlines to better understand the operational differences between multiple dispatch conditions. In the frame of the MEL customization, this operational title may be modified at GETJET Airlines convenience provided that the customized operational title still ensure the correct identification, the content

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and the intent of the associated dispatch condition. When necessary, GETJET Airlines may successively apply other dispatch conditions of the same item provided that GETJET Airlines complies with the MEL requirements and provided that the starting point of the repair interval countdown is not modified.

PROVISO

Each dispatch condition has one or several requirements, called provisos. Provisos are numbered 1), 2), 3)...

The Operator must comply with all the provisos of the selected dispatch condition.

REPAIR INTERVAL

Each dispatch condition has an associated repair interval. The preamble of this MEL defines the repair interval categories. *Refer to MI-00-05 Repair Interval.*

A dash symbol replaces the repair interval in the following cases:

- For dispatch conditions that refer to another manual (Weight and Balance, CDL...). The MEL is not the appropriate manual for this dispatch condition.
- For dispatch conditions that refer to one or more item(s) for which there are several dispatch conditions with different repair intervals. In this case, the initial repair interval is left with a dash symbol as it will be driven by the repair interval of the referred MMEL item dispatch condition(s).
- For NO-GO items.

NBR INSTALLED

Each dispatch condition has a "number installed" that specifies the quantity of equipment, components, systems or functions installed on the aircraft.

This quantity corresponds to the aircraft type certified configuration and, therefore required for all flight conditions, unless otherwise indicated in the "number required" in conjunction with the provisos of the dispatch condition.

A dash symbol indicates that a variable quantity is installed. When possible, GETJET Airlines may replace the dash symbol by the quantity installed on the aircraft.

NBR REQUIRED

Each dispatch condition has a "number required" that specifies the minimum quantity of equipment, components, systems or functions that must be operative for dispatch in accordance with the provisos of the dispatch condition.

A dash symbol indicates that a variable quantity is required for dispatch. When possible, GETJET Airlines may replace the dash symbol by the quantity required.

When the "number required" is the same as the "number installed" and the repair interval is defined, this means that the dispatch condition covers the partial failure of the item. The dispatch is permitted provided that the associated requirements are satisfied.

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PLACARD

In the PDF format, the "YES" in the "Placard" column indicates the request for a placard. In the electronic format, the "PLACARD" symbol indicates the request for a placard.

The control(s), and/or indicator(s) related to inoperative equipment, component, system or function should be clearly placarded to inform the flight crew, cabin crew or ground crew members of the equipment condition.

However, the absence of placard request in the MEL does not prevent GETJET Airlines from placarding.

GETJET Airlines should determine:

- Unless otherwise specified in the dispatch conditions, to the extent practical, placards should be located adjacent to the control or indicator for the item affected.
- Maintenance personnel are authorized to placard items that includes maintenance and operational procedures.
- Flight Crew is authorized to placard items that includes operational procedures.

OPERATIONAL AND MAINTENANCE PROCEDURES

The dispatch condition may require an operational or maintenance procedure to ensure an acceptable level of safety.

The (o) symbol identifies an operational procedure.

The (m) symbol identifies a maintenance procedure.

The (o)(m) symbol means that the dispatch condition requires both an operational procedure and a maintenance procedure.

GETJET Airlines is responsible to ensure that all operational and maintenance procedures are appropriately performed regardless of who performs the procedures.

OPERATIONAL PROCEDURE

The (o) symbol indicates that the dispatch condition requires a specific operational procedure to permit operation of the aircraft with the inoperative item.

Purpose of the operational procedure may be:

- To require the flight crew or cabin crew to perform action(s),
- To provide limitations or performance penalties,
- To provide useful information to the crew.

The flight crew must read the content of the operational procedure before each flight.

The operational procedure must be applied before each flight. However, the dispatch condition might specify a different periodicity. In this case this operational procedure must be applied before the first MEL dispatch and must be repeated at the defined periodicity.

The operational procedures are split and organized into specific flight phases. The flight crew has to apply the part of the operational procedure related to the relevant flight phase.

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Flight crew or qualified cabin crew usually performs the operational procedures. However other qualified maintenance personnel can also perform the operational procedures. Flight crew must read the content of the operational procedure before each flight.

MAINTENANCE PROCEDURE

The (m) symbol indicates that the dispatch condition requires a specific maintenance procedure to permit operation of the aircraft with the inoperative item.

Purpose of the maintenance procedure may be:

- To deactivate a system,
- To check a system.

The maintenance procedure is normally a one-time action that must be applied before the first MEL dispatch. However the dispatch condition may specify a periodicity for repetitive actions. In this case the maintenance procedure must be applied before the first MEL dispatch and must be repeated at the defined periodicity.

Qualified maintenance personnel usually perform the maintenance procedures. However other qualified and authorized personnel can also perform some actions if approved by the Lithuanian TKA. Only qualified maintenance personnel can perform procedures that require specialized knowledge or skill, or that require the use of tools or test equipment.

The MEL maintenance procedures are published in the AMM. The MEL item number should be used to find the associated AMM task.

- Note:
1. *The MEL item indicates the associated AMM task reference. However using the AMM task reference is not the recommended method to find the task in the AMM. The MEL item number should be used instead.*
 2. *The MEL item might indicate "Refer to AMM task" instead of the AMM task reference. This indicates that the MEL item is associated with several AMM tasks. The maintenance personnel should consult the AMM to find the applicable AMM task.*

NOTES

There are three levels of notes:

- Notes at the level of the item: these notes appear below the item title and before the first dispatch condition of this item. These notes apply to all the dispatch conditions of the item.
- Notes at the level of the dispatch condition: these notes appear at the end of the dispatch condition. These notes apply only to this dispatch condition.
- Notes at the level of the proviso: these notes appear within a proviso. These notes apply only to this proviso.

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REFERENCES

The references assist GETJET Airlines in complying with MEL requirements. However, as indicated in the preamble of this MEL (*Refer to MI-00-03 Criteria for Dispatch*), GETJET Airlines is still responsible for determining the applicable interrelationships and associated requirements.

References are used in the following cases:

- To permit the aircraft dispatch, another item has to be considered inoperative, or
- Another source of information has to be reviewed and associated restrictions, and/or procedures must be applied (e.g. "Refer to FCOM", or "Refer to Weight and Balance Manual"), or
- To redirect to the applicable MEL item. In that case, the referred relevant MEL item must be entered and the associated dispatch conditions must be applied, including the respective (o) and (m) procedures if any.

HOW TO USE THE MEL OPERATIONAL PROCEDURES SECTION?

Ident.: HOW-00012818.0001001 / 03 MAR 21

Applicable to: ALL

This section lists the operational procedures associated with the MEL items. The dispatch conditions may require an operational procedure to permit the dispatch of the aircraft.

The operational procedures are split and organized into specific flight phases. The flight crew has to apply the part of the operational procedure related to the relevant flight phase.

The operational procedures may also have the following parts:

- General Information : This part includes all information that the pilots must know due to MEL condition.
- Flight : This part groups all the limitations due to MEL condition that the pilots must consider for the route selection and flight preparation.
- Preparation/Limitation : This part also includes aircraft performance penalties that should be used if no performance software is available with the current failure case.

LANDING CAPABILITIES (CAT 2, CAT 3 SINGLE, CAT 3 DUAL)

Ident.: HOW-00012812.0001001 / 13 MAY 20

Applicable to: ALL

When the landing capability of the aircraft is impacted by an inoperative item, the associated MEL operational procedure provides the maximum landing capability.

The required equipment by certification for CAT 2, CAT 3 SINGLE and CAT 3 DUAL are also listed in the Flight Manual (*Refer to AFM/NORM-22-PA Required Equipment for CAT II and CAT III Approach and Landing*) and the QRH (*Refer to QRH/OPS Required Equipment for CAT2 and CAT3*).

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The equipment to be operative to get CAT 2, CAT 3 SINGLE, or CAT 3 DUAL capability displayed on the FMAs are listed in the QRH (*Refer to QRH/OPS Required Equipment for CAT2 and CAT3*).

PERFORMANCE-BASED NAVIGATION (PBN)

Ident.: HOW-00012813.0001001 / 13 MAY 20

Applicable to: ALL

When an inoperative item affects the RNAV / RNP capability of the aircraft, the associated MEL operational procedure provides the RNAV / RNP limitations.

The minimum equipment/functions required for the RNAV / RNP operations are also listed in the FCOM:

- *Refer to FCOM/PRO-SPO-51 RNAV 10 / RNP 10 - Required RNAV 10 Equipment*
- *Refer to FCOM/PRO-SPO-51 RNAV 5 / BRNAV - Required RNAV 5 Equipment*
- *Refer to FCOM/PRO-SPO-51 RNAV 1 RNAV 2 / P-RNAV - Terminal RNAV - Required RNAV 1(2) Equipment*
- *Refer to FCOM/PRO-SPO-51 RNP 4 - Required RNP 4 Equipment*
- *Refer to FCOM/PRO-SPO-51 RNP 2 in Oceanic and Remote Continental Area - Required RNP 2 in Oceanic and Remote Continental Area Equipment*
- *Refer to FCOM/PRO-SPO-51 RNP 2 in Domestic Area - Required RNP 2 in Domestic Area Equipment*
- *Refer to FCOM/PRO-SPO-51 RNP 1 / Terminal RNP 1 - Basic RNP 1 - Required RNP 1 Equipment*
- *Refer to FCOM/PRO-SPO-51 RNP APCH / RNAV(GNSS) - Required RNP APCH Equipment*
- *For aircraft with the RNP AR capability, Refer to FCOM/PRO-SPO-51 RNP AR / RNAV(RNP) - Required RNP AR Equipment*

MINIMUM NAVIGATION PERFORMANCE SPECIFICATIONS (MNPS)

Ident.: HOW-20800033.9001001 / 03 MAR 21

Applicable to: ALL

GETJET Airlines is approved to operate MNPS routes. MNPS is a specified set of minimum navigation performance standards which aircraft must meet for operations in MNPS designated airspace. The objective of MNPS is to ensure the safe separation of aircraft and to derive maximum benefit through reduced separation standards resulting from improvement in accuracy of navigational equipment. When MNPS was created, the concept of RNP did not exist. ICAO NAT Doc 007 requires that two Long Range Navigation Systems (LRNSs) are installed on the aircraft.

THIS MEANS FOR A320 FAMILY:

- **2 IRS (INTERNAL REFERENCE SYSTEM);**
- **2 FMGC (FLIGHT MANAGMENT GUIDANCE COMPUTERS);**

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- 2 MCDU (MULTI FUNCTION CONTROL DISPLAY UNIT);
- 2 ND (NAVIGATION DISPLAY).

ADDITIONAL SYSTEM REQUIREMENTS FOR MNPS OPERATIONS ARE:

- 1 HF SYSTEM IF REQUIRED FOR THE INTENDED FLIGHT;
- 1 ATTITUDE INDICATOR ON EACH PFD;
- ATC NO. 1 MUST BE OPERATIVE IF ATC TRANSPONDER IS REQUIRED FOR THE INTENDED FLIGHT;
- DME 1 MUST BE OPERATIVE IF DME IS REQUIRED FOR THE INTENDED FLIGHT;
- VOR 1 MUST BE OPERATIVE IF VOR IS REQUIRED FOR THE INTENDED FLIGHT;

TERMS OF PERFORMANCE

A320 Family IRS complies with the Appendix G of FAR 121. The FMS with GPS updating is not a mandatory requirement for MNPS. All aircraft are being RNP-10 capable fulfill the MNPS requirements. Therefore, the AFM wording applying to RNP-10 aircraft can also be considered as a means of compliance for MNPS.

REDUCED VERTICAL SEPARATION MINIMUM (RVSM)

Ident.: HOW-00012814.0001001 / 13 MAY 20

Applicable to: ALL

When the RVSM capability of the aircraft is impacted by an inoperative item, the associated MEL operational procedure provides the RVSM limitations.

The minimum equipment/functions required to begin RVSM operations are listed in the Flight Manual (*Refer to AFM/NORM-34 Reduced Vertical Separation Minimum (RVSM)*) and FCOM (*Refer to FCOM/PRO-SPO-50 Reduced Vertical Separation Minimum - RVSM*).

ATC DATALINK COMMUNICATION

Ident.: HOW-00012815.0001001 / 13 MAY 20

Applicable to: ALL

When an inoperative item affects the performance and operations supported by datalink, the associated MEL operational procedure provides this limitation.

The different applications and required performance of ATC datalink communication are described in FCOM:

- *Refer to FCOM/DSC-46-10-Datalink-10-Overview*
- *Refer to FCOM/PRO-SPO-52-PBCS*

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ABBREVIATIONS

Ident.: HOW-00012817.0001001 / 13 MAY 20

Applicable to: **ALL**

A

Abbreviation	Term
A/C	Aircraft
A/THR	Autothrust
AAP	Additional Attendant Panel
AAT	Aircraft Allocation Table
ABCU	Alternate Braking Control Unit
AC	Alternating Current
ACARS	ARINC Communication Addressing and Reporting System
ACFT	Aircraft
ACMS	Aircraft Condition Monitoring System
ACOC	Air Cooled Oil Cooler
ACP	Audio Control Panel
ACT	Additional Center Tank
ADF	Automatic Direction Finder
ADIRS	Air Data Inertial Reference System
ADIRU	Air Data Inertial Reference Unit
ADR	Air Data Reference
ADS-B	Automatic Dependent Surveillance — Broadcast
ADS-C	Automatic Dependent Surveillance Contract
AEVC	Avionic Equipment Ventilation Controller
AGL	Above Ground Level
AIP	Attendant Indication Panel
ALT	Altitude
AMM	Aircraft Maintenance Manual
AOA	Angle of Attack
AOC	Airline Operational Control
AP	Autopilot
APU	Auxiliary Power Unit
ARPT	Airport
ATA	Air Transport Association
ATC	Air Traffic Control
ATSAW	Airborne Traffic Situational Awareness
ATSU	Air Traffic Service Unit
ATT	Attitude
AUTO	Automatic
AVNCS	Avionics

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B

Abbreviation	Term
B/UP	Backup
BAT	Battery
BCL	Battery Charge Limiter
BMC	Bleed Air Monitoring Computer
BSCU	Braking Steering Control Unit
BTMU	Brake Temperature Monitoring Unit

C

Abbreviation	Term
C/B	Circuit Breaker
CAM	Cabin Assignment Module
CAPT	Captain
CAT	Category
CCD	Cursor Control Device
CDL	Configuration Deviation List
CDLS	Cockpit Door Locking System
CDSS	Cockpit Door Surveillance System
CDU	Control Display Unit
CFDIU	Centralized Fault Data Interface Unit
CFDS	Centralized Fault Display System
CG	Center of Gravity
CIDS	Cabin Intercommunication Data System
CL	Climb
CLB	Climb
COND	Conditioning
CONF	Configuration
CPC	Cabin Pressure Controller
CPDLC	Controller-Pilot Data Link Communication
CTL	Control
CTR	Center
CVR	Cockpit Voice Recorder

D

Abbreviation	Term
D-ATIS	Digital - Automatic Terminal Information Service
DAC	Double Annular Combustor
DAR	Digital AIDS Recorder
DC	Direct Current
DCDU	Datalink Control and Display Unit

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Abbreviation	Term
DCL	Departure Clearance
DDRMI	Digital Distance and Radio Magnetic Indicator
DEU	Decoder / Encoder Unit
DFDR	Digital Flight Data Recorder
DLRB	Data Loading Routing Box
DMC	Display Management Computer
DME	Distance Measuring Equipment
DMU	Data Management Unit
DU	Display Unit

E

Abbreviation	Term
EASA	European Aviation Safety Agency
ECAM	Electronic Centralized Aircraft Monitoring
ECAS	Emergency Cockpit Alerting System
ECP	ECAM Control Panel
ECU	Engine Control Unit
EDP	Engine Driven Pump
EEC	Engine Electronic Controller
EFB	Electronic Flight Bag
EFIS	Electronic Flight Instrument System
EGT	Exhaust Gas Temperature
EHS	Enhanced Surveillance System
EIU	Engine Interface Unit
ELAC	Elevator Aileron Computer
ELEC	Electric
ELT	Emergency Locator Transmitter
EMCD	Electronic Magnetic Chip Detector
ENG	Engine
EPR	Engine Pressure Ratio
ESS	Essential
ETOPS	Extended Range Twin Engine Aircraft Operations
EVMU	Engine Vibration Monitoring Unit
EWD	Engine Warning Display
EWDU	Engine Warning Display Unit

F

Abbreviation	Term
F/O	First Officer
FAC	Flight Augmentation Computer

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Abbreviation	Term
FADEC	Full Authority Digital Engine Control
FANS	Future Air Navigation System
FAP	Flight/Forward Attendant Panel
FCDC	Flight Control Data Concentrator
FCOM	Flight Crew Operating Manual
FCU	Flight Control Unit
FD	Flight Director
FDIMU	Flight Data Interface and Management Unit
FDIU	Flight Data Interface Unit
FL	Flight Level
FLS	FMS Landing System
FMA	Flight Mode Annunciator
FMGC	Flight Management Guidance Computer
FMS	Flight Management System
FOB	Fuel on Board
FQI	Fuel Quantity Indication
FQIC	Fuel Quantity Indication Computer
FSN	Fleet Serial Number
FU	Fuel Used
FWC	Flight Warning Computer
FWD	Forward

G

Abbreviation	Term
G/S	Glideslope
GAPCU	Ground and Auxiliary Power Control Unit
GCU	Generator Control Unit
GEN	Generator
GLS	GNSS Landing System
GND	Ground
GNSS	Global Navigation Satellite System
GPCU	Ground Power Control Unit
GPS	Global Positioning System
GPU	Ground Power Unit
GPWS	Ground Proximity Warning System
GW	Gross Weight

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H

Abbreviation	Term
HF	High Frequency
HP	High Pressure
HPTACC	High Pressure Turbine Active Clearance Control
HUD	Head Up Display
HYD	Hydraulics

I

Abbreviation	Term
IAS	Indicated Airspeed
ICV	Isolation Control Valve
IDG	Integrated Drive Generator
IFE	In-Flight Entertainment
IFR	Instrument Flight Rules
ILS	Instrument Landing System
IP	Intermediate Pressure
IR	Inertial Reference
IRS	Inertial Reference System
ISA	International Standard Atmosphere
ISB	Inspection Service Bulletin
ISIS	Integrated Standby Instrument System

J

Abbreviation	Term
JAA	Joint Aviation Authorities

L

Abbreviation	Term
L/G	Landing Gear
LAF	Load Alleviation Function
LED	Light Emitting Diode
LEDU	List of Effective Documentary Units
LESS	List of Effective Sections/Subsections
LGCIU	Landing Gear Control Interface Unit
LH	Left Hand
LOM	List of Modifications
LP	Low Pressure
LVDT	Linear Variable Differential Transformer
LVR CLB	Lever Climb

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M

Abbreviation	Term
MAN	Manual
MCDU	Multipurpose Control and Display Unit
MCT	Maximum Continuous Thrust
MDDU	Multipurpose Disk Drive Unit
MEL	Minimum Equipment List
MES	Main Engine Start
MLS	Microwave Landing System
MMEL	Master Minimum Equipment List
MMI	Manual Magnetic Indicator
MMO	Maximum Operating Mach
MMR	Multi Mode Receiver
MOD	Modification
MP	Modification Proposal
MSN	Manufacturer Serial Number
MTO	Maximum Take-Off
MTOW	Maximum Takeoff Weight

N

Abbreviation	Term
NAV	Navigation
ND	Navigation Display
NDU	Navigation Display Unit
NWS	Nose Wheel Steering

O

Abbreviation	Term
OANS	On-board Airport Navigation System
OAT	Outside Air Temperature
OCL	Oceanic Clearance
OEB	Operations Engineering Bulletin
OEI	One Engine Inoperative
OP CLB	Open Climb

P

Abbreviation	Term
P/N	Part Number
PAX	Passenger
PBCS	Performance-Based Communication and Surveillance
PCU	Power Control Unit

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Abbreviation	Term
PDF	Portable Document Format
PF	Pilot Flying
PFD	Primary Flight Display
PFDU	Primary Flight Display Unit
PHC	Probes Heat Computer
PM	Pilot Monitoring
PRV	Pressure Regulation Valve
PSL	Product Structure Level
PTP	Programming and Test Panel
PTU	Power Transfer Unit (Hydraulic)
PVI	Paravisual Indicator
PWR	Power

Q

Abbreviation	Term
QAR	Quick Access Recorder
QCCU	Quantity Calculation Control Unit
QNH	Sea Level Atmospheric Pressure
QRH	Quick Reference Handbook

R

Abbreviation	Term
RA	Radio Altitude
RAT	Ram Air Turbine
RCP	Required Communication Performance
RH	Right Hand
RMI	Radio Magnetic Indicator
RMP	Radio Management Panel
RNP	Required Navigation Performance
ROP	Runway Overrun Protection
ROW	Runway Overrun Warning
RSP	Required Surveillance Performance
RTO	Rejected Takeoff
RTOW	Regulatory Takeoff Weight
RVSM	Reduced Vertical Separation Minimum

S

Abbreviation	Term
SAC	Single Annular Combustor
SAT	Static Air Temperature

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Abbreviation	Term
SATCOM	Satellite Communication
SB	Service Bulletin
SD	System Display
SDAC	System Data Acquisition Concentrator
SDCU	Smoke Detection Control Unit
SDF	Smoke Detection Function
SDU	System Display Unit
SEC	Spoiler Elevator Computer
SFCC	Slat/Flap Control Computer
SFCS	Slat/Flap Control System
SOH	Summary of Highlights
STBY	Standby

T

Abbreviation	Term
T/O	Takeoff
TACC	Turbine Active Clearance Control
TAS	True Air Speed
TAT	Total Air Temperature
TAWS	Terrain Awareness and Warning System
TCA	Throttle Control Assy
TCAS	Traffic Alert and Collision Avoidance System
TCC	Turbine Case Cooling
TLC	Takeoff and Landing Chart Computation Program
TOC	Table of Contents
TOGA	Takeoff/Go Around
TOW	Takeoff Weight
TPIC	Tire Pressure Indicating Computer
TR	Transformer Rectifier Unit

U

Abbreviation	Term
ULD	Unit Load Device
UTC	Universal Coordinated Time

V

Abbreviation	Term
V1	Critical Engine Failure Speed
V2	Takeoff Safety Speed
VAPP	Approach Speed

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Abbreviation	Term
VCC	Video Control Center
VENT	Ventilation
VFE	Maximum Speed for each Flap Configuration
VFR	Visual Flight Rules
VHF	Very High Frequency
VLE	Max Landing Gear Extended Speed
VMC	Visual Meteorological Conditions
VMCA	Minimum Control Speed in Flight
VMCG	Minimum Control Speed on Ground
VMO	Maximum Operating Speed
VMU	Minimum Unstick Speed
VOR	VHF Omnidirectional Range
VR	Rotation Speed
VS	Reference Stalling Speed
VSB	Vender Service Bulletin

W

Abbreviation	Term
WBS	Weight and Balance System
WTB	Wing Tip Brake

X

Abbreviation	Term
XML	Extensible Mark-up Language

Z

Abbreviation	Term
ZFW	Zero Fuel Weight
Zp	Pressure Altitude

MEL ENTRIES

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SMOKE AFT CRG BTL FAULT.....	M
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ME-46 Information Systems

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<u>DOOR</u> L(R) EMER EXIT.....	D
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<u>ENG</u> 1(2) EGT EXCEEDED DURING AIR START.....	S
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<u>ENG</u> 1(2) FADEC A(B) FAULT.....	V
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<u>ENG</u> 1(2) FADEC FAULT.....	X
<u>ENG</u> 1(2) FADEC HI TEMP.....	Y
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ENG 1(2) REVERSE UNLOCKED.....	AY
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Localization Title	Toc Index	ID	Reason
ME-PLP-TOC Air Conditioning		1	Documentation update: Deletion of "AIR PACK 1(2) REGUL FAULT (00007687.0001001)".
ME-PLP-TOC Communications		2	Documentation update: Deletion of "COM ACARS FAULT (If Installed) (00007862)".
			Documentation update: Deletion of "COM ACARS FAULT (00007862.0001001)".
			Documentation update: The "COM HF 1(2) EMITTING (If Installed)" table of content entry renamed in "COM HF 1(2) EMITTING"
			Documentation update: Deletion of "COM SATCOM DATA FAULT (If Installed) (00007868)".
			Documentation update: Deletion of "COM SATCOM FAULT (If Installed) (00007869)".
			Documentation update: The "COM VHF 3 DATA FAULT (If Installed)" table of content entry renamed in "COM VHF 3 DATA FAULT"
ME-PLP-TOC Electrical Power		3	Documentation update: Deletion of "ELEC ESS TR FAULT (00007904)".
			Documentation update: Deletion of "ELEC ESS TR FAULT (00007904.0001001)".
ME-PLP-TOC Fire Protection		4	Documentation update: The "CARGO SMOKE AFT BTL SQUIB FAULT (If Installed)" table of content entry renamed in "CARGO SMOKE AFT BTL SQUIB FAULT"
			Documentation update: The "CARGO SMOKE FWD BTL SQUIB FAULT (If Installed)" table of content entry renamed in "CARGO SMOKE FWD BTL SQUIB FAULT"
ME-PLP-TOC Flight Controls		5	Documentation update: Deletion of "F/CTL LAF ACCU FAULT (00007962)".
			Documentation update: Deletion of "F/CTL LAF ACCU FAULT (00007962.0001001)".
ME-PLP-TOC Landing Gear		6	Documentation update: Deletion of "WHEEL TYRE LO PR (If Installed) (00008126)".
ME-PLP-TOC Pneumatic		7	Documentation update: Deletion of "AIR ENG 1(2) BLEED FAULT (00008247.0001001)".
ME-PLP-TOC Engine		8	Documentation update: Deletion of "ENG COMPRESSOR VANE (00008404)".
			Documentation update: Deletion of "ENG DUAL FAILURE (00008406)".
			Documentation update: Deletion of "ENG COMPRESSOR VANE (00008404.0001001)".
			Documentation update: Deletion of "ENG DUAL FAILURE (00008406.0001001)".

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ME-23 COM HF 1(2) EMITTING	B	1	12 September 2021 : Modification of content of the element 00007865.0002001
ME-23 COM VHF 3 DATA FAULT	D	2	12 September 2021 : Modification of content of the element 00007872.0004001
ME-26 CARGO SMOKE AFT BTL SQUIB FAULT	E	1	12 September 2021 : Modification of content of the element 00007932.0001001
ME-26 CARGO SMOKE AFT BTL SQUIB FAULT	E	2	Correction of the reference of the MMEL items.
ME-26 CARGO SMOKE AFT BTL SQUIB FAULT	E	3	12 September 2021 : Modification of content of the element 00007932.0009001
ME-26 CARGO SMOKE AFT BTL SQUIB FAULT	E	4	Correction of the reference of the MMEL items.
ME-26 CARGO SMOKE FWD BTL SQUIB FAULT	F	5	12 September 2021 : Modification of content of the element 00007933.0001001
ME-34 NAV ATT DISCREPANCY	K	4	04 December 2021 : Modification of content of the element 00008151.0001001
ME-34 NAV HDG DISCREPANCY	R	5	04 December 2021 : Modification of content of the element 00008161.0001001
ME-34 NAV IR NOT ALIGNED	V	6	04 December 2021 : Modification of content of the element 00008172.0001001
ME-34 NAV IR 3 FAULT	Y	7	04 December 2021 : Modification of content of the element 00008170.0001001
ME-52 DOOR L(R)(FWD)(AFT) AVIONICS	E	2	Minor change in the structure of data (fault code attribute). No change in technical content.

ME-21 COND HOT AIR FAULT	V	1	Effectivity update: The information no longer applies to MSN 00415.
ME-21 COND ZONE REGUL FAULT	Z	2	Effectivity update: The information no longer applies to MSN 00415.
ME-22 WINDSHEAR DET FAULT	P	1	Effectivity update: The information no longer applies to MSN 00415.
ME-24 ELEC GEN 1(2) OVERLOAD	X	1	Effectivity update: The information no longer applies to MSN 00415.
ME-26 SMOKE AFT CARGO SMOKE	L	6	Effectivity update: The information now applies to all ACN.
ME-26	N	7	Effectivity update: The information now applies to all ACN.

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SMOKE AFT CRG DET FAULT			
ME-26 SMOKE FWD CARGO SMOKE	O	8	Effectivity update: The information now applies to all ACN.
ME-26 SMOKE FWD CRG DET FAULT	Q	9	Effectivity update: The information now applies to all ACN.
ME-26 SMOKE DET FAULT	R	10	Effectivity update: The information no longer applies to MSN 00415.
ME-28 FUEL L(R) INNER(OUTER) TK HI TEMP	H	1	Effectivity update: The information no longer applies to MSN 00415.
ME-29 HYD B RSVR LO AIR PR	C	1	Effectivity update: The information no longer applies to MSN 00415.
ME-32 BRAKES AUTO BRK FAULT	E	1	Effectivity update: The information no longer applies to MSN 00415.
ME-34 NAV ATC/XPDR 1(2) FAULT	H	1	Effectivity update: The information now applies to all ACN.
ME-34 NAV ATC/XPDR 1+2 FAULT	I	2	Effectivity update: The information now applies to all ACN.
ME-34 NAV ATC/XPDR STBY	J	3	Effectivity update: The information now applies to all ACN.
ME-34 NAV LS TUNING DISAGREE	AA	8	Effectivity update: The information now applies to all ACN.
ME-36 AIR APU LEAK DET FAULT	C	1	Effectivity update: The information now applies to all ACN.
ME-36 AIR ENG 1(2) BLEED FAULT	G	2	Effectivity update: The information now applies to all ACN.
ME-36 AIR ENG 1+2 BLEED FAULT	L	3	Effectivity update: The information now applies to all ACN.
ME-46 DATA LINK ATC FAULT <✖>	A	1	Effectivity update: The information now applies to all ACN.
ME-46 DATA LINK ATSU FAULT	B	2	Effectivity update: The information now applies to all ACN.
ME-46 DATA LINK COMPANY FAULT	C	3	Effectivity update: The information now applies to all ACN.
ME-52 DOOR L(R) AFT EMER EXIT	C	1	Effectivity update: The information no longer applies to MSN 00415.
ME-52 DOOR L(R) FWD EMER EXIT	G	3	Effectivity update: The information no longer applies to MSN 00415.
ME-70 ENG ALL ENGINES FAILURE	A	1	Effectivity update: The information now applies to all ACN.

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Localization Title	Toc Index	ID	Reason
ME-70 ENG 1(2) A/C FADEC SUPPLY	H	2	Effectivity update: The information no longer applies to MSN 00415.
ME-70 ENG 1(2) AIR EXCHANGR FAULT AIR VALVE CLOSED	I	3	Effectivity update: The information no longer applies to MSN 00415.
ME-70 ENG 1(2) AIR EXCHANGR FAULT AIR VALVE OPEN	J	4	Effectivity update: The information no longer applies to MSN 00415.
ME-70 ENG 1(2) BEARING 4 OIL SYS HI PRESS	K	5	Effectivity update: The information no longer applies to MSN 00415.
ME-70 ENG 1(2) BEARING 4 OIL SYS SCAVENGE VALVE FAULT	L	6	Effectivity update: The information no longer applies to MSN 00415.
ME-70 ENG 1+2 COMPRESSOR VANE	O	7	Effectivity update: The information now applies to all ACN.
ME-70 ENG 1(2) EGT(EPR)(FF)(N1)(N2) DISCREPANCY	R	8	Effectivity update: The information no longer applies to MSN 00415.
ME-70 ENG 1(2) EGT EXCEEDED DURING AIR START	S	9	Effectivity update: The information no longer applies to MSN 00415.
ME-70 ENG 1(2) EPR MODE FAULT	U	10	Effectivity update: The information no longer applies to MSN 00415.
ME-70 ENG 1(2) FADEC OVHT	Z	11	Effectivity update: The information no longer applies to MSN 00415.
ME-70 ENG 1(2) FADEC PLUG FAULT	AA	12	Effectivity update: The information no longer applies to MSN 00415.
ME-70 ENG 1(2) FUEL HEAT SYS	AE	13	Effectivity update: The information no longer applies to MSN 00415.
ME-70 ENG 1(2) FUEL VALVE FAULT	AG	14	Effectivity update: The information no longer applies to MSN 00415.
ME-70 ENG 1(2) HOT FUEL	AH	15	Effectivity update: The information no longer applies to MSN 00415.
ME-70 ENG 1(2) OIL FILTER CLOG	AN	16	Effectivity update: The information no longer applies to MSN 00415.
ME-70 ENG 1(2) OIL LO TEMP	AQ	17	Effectivity update: The information no longer applies to MSN 00415.
ME-70 ENG 1(2) REV INHIBITED	AU	18	Effectivity update: The information now applies to all ACN.
ME-70	AV	19	Effectivity update: The information now applies to all ACN.

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ENG 1(2) REV ISOL FAULT			
ME-70 ENG 1(2) START FAULT	BD	20	Effectivity update: The information no longer applies to MSN 00415.
ME-70 ENG 1(2) SYSTEM FAULT	BF	21	Effectivity update: The information no longer applies to MSN 00415.

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ECAM Alert: AIR AFT CRG VENT FAULT

Ident.: ME-21-00007457.0001001 / 18 JUL 12

Applicable to: LY-COB, LY-COD

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 21-28-03 AFT Cargo Extraction Fan

ECAM Alert: AIR COND CTL 1(2)-A(B) FAULT

Ident.: ME-21-00007680.0001001 / 19 NOV 19

Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 21-63-04 Air Conditioning System Controller Channel (COND CTL 1(2)-A(B))

ECAM Alert: AIR PACK 1(2) FAULT

Ident.: ME-21-00007683.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 21-52-01 Air Conditioning Pack

ECAM Alert: AIR PACK 1+2 FAULT

Ident.: ME-21-00008959.0001001 / 04 FEB 14

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 21-52-01H Air Conditioning Pack

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ECAM Alert: **AIR PACK 1(2) OFF**

Ident.: ME-21-00007685.0001001 / 18 JUL 12

Applicable to: **ALL**

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 21-52-01 Air Conditioning Pack

ECAM Alert: **AIR PACK 1(2) OVHT**

Ident.: ME-21-00007684.0001001 / 18 JUL 12

Applicable to: **ALL**

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 21-52-01 Air Conditioning Pack

ECAM Alert: **AIR PACK 1(2) REGUL FAULT**

Ident.: ME-21-00007687.0003001 / 18 JUL 12

Applicable to: **LY-COB, LY-ELK, LY-EMU, LY-OWL**

AIRCRAFT STATUS	CONDITION OF DISPATCH
If pack ram air inlet flap is affected	Refer to Item 21-52-02 Air Conditioning Pack Ram Air Inlet Flap
If pack controller, pack anti-ice valve or water exchanger temperature sensor are affected	Refer to Item 21-61-02 Pack Controller Primary Channel
If turbine bypass valve is affected	Refer to Item 21-61-01 Pack Turbine Bypass Valve

ECAM Alert: **AIR PACK 1(2) REGUL FAULT**

Ident.: ME-21-00007687.0002001 / 18 JUL 12

Applicable to: **LY-COD, LY-RAM**

AIRCRAFT STATUS	CONDITION OF DISPATCH
If pack outlet temperature is affected	Refer to Item 21-07-01-01 Pack Outlet Temperature Indication on the BLEED SD page

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AIRCRAFT STATUS	CONDITION OF DISPATCH
If pack compressor outlet temperature is affected	<i>Refer to Item 21-07-01-03 Pack Compressor Outlet Temperature Indication on the BLEED SD page</i>
If pack flow sensor is affected	<i>Refer to Item 21-51-03 Pack Flow Sensor</i>
If pack flow control valve is affected	<i>Refer to Item 21-52-01 Air Conditioning Pack</i>
If pack ram air inlet is affected	<i>Refer to Item 21-52-02 Air Conditioning Pack Ram Air Inlet Flap</i>
If turbine bypass valve is affected	<i>Refer to Item 21-61-01 Pack Turbine Bypass Valve</i>

ECAM Alert: CAB PR EXCESS CAB ALT

Ident.: ME-21-00007713.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

ECAM Alert: CAB PR EXCES RESIDUAL PR

Ident.: ME-21-00007714.0001001 / 24 FEB 21

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	Apply ECAM procedure
False alert	<i>Refer to Item 52-10-10 Door Residual Differential Pressure Detection</i>

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ECAM Alert: **CAB PR LDG ELEV FAULT**

Ident.: ME-21-00007715.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 21-31-04 Landing Elevation Selection AUTO Function

ECAM Alert: **CAB PR LO DIFF PR**

Ident.: ME-21-00007716.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

ECAM Alert: **CAB PR OFV NOT OPEN**

Ident.: ME-21-00007717.0002001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **CAB PR SAFETY VALVE OPEN**

Ident.: ME-21-00007718.0001001 / 17 NOV 20

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	Refer to FCOM/PRO-NOR-SUP-MISC-E Flight Without Cabin Pressurization
False alert	Refer to Item 21-09-03 CAB PR SAFETY VALVE OPEN Alert

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 21 - AIR CONDITIONING
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ECAM Alert: **CAB PR SYS 1(2) FAULT**

Ident.: ME-21-00007719.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 21-31-01 Automatic Cabin Pressure Control System (CPC, Outflow Valve AUTO Channel)

ECAM Alert: **CAB PR SYS 1+2 FAULT**

Ident.: ME-21-00007720.0001001 / 17 NOV 20

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to FCOM/PRO-NOR-SUP-MISC-E Flight Without Cabin Pressurization

ECAM Alert: **COND AFT CAB DUCT OVHT**

Ident.: ME-21-00007703.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 21-63-02 Cockpit and Cabin Trim Air Valve

ECAM Alert: **COND AFT CARGO DUCT OVHT**

Ident.: ME-21-00007689.0001001 / 18 JUL 12

Applicable to: LY-COB, LY-COD

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 21-43-02 AFT Cargo Compartment Heating

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 21 - AIR CONDITIONING
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ECAM Alert: **COND AFT CRG HEAT FAULT**

Ident.: ME-21-00007691.0001001 / 18 JUL 12

Applicable to: LY-COB, LY-COD

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	<i>Refer to Item 21-43-02 AFT Cargo Compartment Heating</i>

ECAM Alert: **COND AFT CRG ISOL VALVE**

Ident.: ME-21-00007692.0001001 / 18 JUL 12

Applicable to: LY-COB, LY-COD

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	<i>Refer to Item 21-28-04 AFT Cargo Isolation Valve</i>

ECAM Alert: **COND CKPT DUCT OVHT**

Ident.: ME-21-00007697.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	<i>Refer to Item 21-63-02 Cockpit and Cabin Trim Air Valve</i>

ECAM Alert: **COND FWD CAB DUCT OVHT**

Ident.: ME-21-00007698.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	<i>Refer to Item 21-63-02 Cockpit and Cabin Trim Air Valve</i>

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 21 - AIR CONDITIONING
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*ECAM Alert: **COND HOT AIR FAULT***

Ident.: ME-21-00007707.0001001 / 18 JUL 12

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

AIRCRAFT STATUS	CONDITION OF DISPATCH
If the COND TRIM AIR SYS FAULT alert is not displayed on the EWD.	<i>Refer to Item 21-63-03 Hot Air Pressure Regulating Valve</i>
If the COND TRIM AIR SYS FAULT alert is displayed on the EWD.	<i>Refer to Item 21-63-02 Cockpit and Cabin Trim Air Valve</i>

*ECAM Alert: **COND HOT AIR FAULT***

Ident.: ME-21-00007707.0003001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
<i>NIL</i>	<i>Refer to Item 21-63-03 Hot Air Pressure Regulating Valve</i>

*ECAM Alert: **COND L+R CAB FAN FAULT***

Ident.: ME-21-00007708.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
<i>NIL</i>	NO DISPATCH

*ECAM Alert: **COND LAV+GALLEY FAN FAULT***

Ident.: ME-21-00007709.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
<i>NIL</i>	<i>Refer to Item 21-23-01 Lavatory and Galley Extraction Fan</i>

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ENTRIES</div> <div>21 - AIR CONDITIONING</div>
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ECAM Alert: **COND TRIM AIR SYS FAULT**

Ident.: ME-21-00007710.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
If the trim air valves are closed	Not related to MEL
If associated with the AFT CAB TRIM VALVE subtitle	Refer to Item 21-63-02 Cockpit and Cabin Trim Air Valve
If associated with the FWD CAB TRIM VALVE subtitle	Refer to Item 21-63-02 Cockpit and Cabin Trim Air Valve
If associated with the CKPT TRIM VALVE subtitle	Refer to Item 21-63-02 Cockpit and Cabin Trim Air Valve
If associated with the TRIM AIR HI PR subtitle	Refer to Item 21-63-03 Hot Air Pressure Regulating Valve

ECAM Alert: **COND ZONE REGUL FAULT**

Ident.: ME-21-00007711.0001001 / 18 JUL 12

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

AIRCRAFT STATUS	CONDITION OF DISPATCH
If the CAB ZONE AT FIXED TEMP STATUS info is displayed on the STATUS SD page.	Refer to Item 21-63-01A Zone Controller Channel
If the PACKS AT FIXED TEMP STATUS info is displayed on the STATUS SD page.	Refer to Item 21-63-01C Zone Controller Channel

ECAM Alert: **VENT AVNCS SYS FAULT**

Ident.: ME-21-00007721.0001001 / 19 NOV 19

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
If the avionics skin air outlet valve is affected.	Refer to Item 21-26-04 Avionics Skin Air Outlet Valve
If the avionics skin air inlet valve is affected.	Refer to Item 21-26-05 Avionics Skin Air Inlet Valve
If the avionics skin exchanger inlet bypass valve is affected.	Refer to Item 21-26-03 Avionics Skin Exchanger Inlet Bypass Valve

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 21 - AIR CONDITIONING
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Continued from the previous page

AIRCRAFT STATUS	CONDITION OF DISPATCH
If the avionics skin exchanger outlet bypass valve is affected.	<i>Refer to Item 21-26-07 Avionics Skin Exchanger Outlet Bypass Valve</i>
If the avionics air conditioning inlet valve is affected.	<i>Refer to Item 21-26-08 Avionics Air Conditioning Inlet Valve</i>
If the avionics skin exchanger isolation valve is affected.	<i>Refer to Item 21-26-06 Avionics Skin Exchanger Isolation Valve</i>
If the Avionics Equipment Ventilation Computer (AEVC) is affected.	<i>Refer to Item 21-26-10 Avionics Equipment Ventilation Computer (AEVC)</i>

ECAM Alert: VENT BLOWER FAULT

Ident.: ME-21-00007723.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	<i>Refer to Item 21-26-01 Avionics Blower Fan</i>
False alert	<i>Refer to Item 21-09-01 VENT BLOWER FAULT Alert</i>

ECAM Alert: VENT EXTRACT FAULT

Ident.: ME-21-00007723.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	<i>Refer to Item 21-26-02 Avionics Extract Fan</i>
False alert	<i>Refer to Item 21-09-02 VENT EXTRACT FAULT Alert</i>

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 21 - AIR CONDITIONING
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ECAM Alert: **VENT SKIN VALVE FAULT**

Ident.: ME-21-00007725.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Outlet valve determined faulty on the <u>CAB PRESS</u> SD page	<i>Refer to Item 21-26-04 Avionics Skin Air Outlet Valve</i>
Inlet valve determined faulty on the <u>CAB PRESS</u> SD page	<i>Refer to Item 21-26-05 Avionics Skin Air Inlet Valve</i>

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 22 - AUTO FLIGHT
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ECAM Alert: **AUTO FLT A/THR LIMITED**

Ident.: ME-22-00007837.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
<i>NIL</i>	Not related to MEL

ECAM Alert: **AUTO FLT A/THR OFF**

Ident.: ME-22-00007838.0001001 / 02 APR 13

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
<i>NIL</i>	<i>Refer to Item 22-30-01 Autothrust (A/THR)</i>

ECAM Alert: **AUTO FLT AP OFF**

Ident.: ME-22-00007840.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	<i>Refer to Item 22-10-01 Autopilot (AP)</i>
False alert	<i>Refer to Item 22-10-06 AP Disengagement Warning</i>

ECAM Alert: **AUTO FLT FAC 1 FAULT**

Ident.: ME-22-00007841.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
<i>NIL</i>	<i>Refer to Item 22-60-01 FAC 1</i>

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 22 - AUTO FLIGHT
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ECAM Alert: **AUTO FLT FAC 2 FAULT**

Ident.: ME-22-00007842.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 22-60-02 FAC 2

ECAM Alert: **AUTO FLT FAC 1+2 FAULT**

Ident.: ME-22-00007843.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **AUTO FLT FCU 1(2) FAULT**

Ident.: ME-22-00007844.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 22-81-03-01 FCU Channel

ECAM Alert: **AUTO FLT FCU 1+2 FAULT**

Ident.: ME-22-00007847.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **AUTO FLT REAC W/S DET FAULT** 

Ident.: ME-22-00007849.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 22-60-03 Reactive Windshear Detection Function

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 22 - AUTO FLIGHT
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ECAM Alert: **AUTO FLT RUD TRIM 1(2) FAULT**

Ident.: ME-22-00007855.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 27-22-01 Rudder Trim System

ECAM Alert: **AUTO FLT RUD TRIM SYS**

Ident.: ME-22-00007856.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **AUTO FLT RUD TRV LIM 1(2)**

Ident.: ME-22-00007857.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 27-23-01 Rudder Travel Limiter System

ECAM Alert: **AUTO FLT RUD TRV LIM SYS**

Ident.: ME-22-00007858.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 22 - AUTO FLIGHT
------------------------------------------------------	-----------------------------------------------

ECAM Alert: **AUTO FLT YAW DAMPER 1(2)**

Ident.: ME-22-00007859.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 22-60-04 Yaw Damper System

ECAM Alert: **AUTO FLT YAW DAMPER SYS**

Ident.: ME-22-00007860.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **WINDSHEAR DET FAULT**

Ident.: ME-22-00007861.0001001 / 18 JUL 12

Applicable to: LY-ELK, LY-OWL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 22-60-03 Reactive Windshear Detection Function

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 23 - COMMUNICATIONS
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ECAM Alert: **COM CIDS 1+2 FAULT**

Ident.: ME-23-00007864.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **COM HF 1(2) EMITTING**

Ident.: ME-23-00007865.0002001 / 03 DEC 21
Applicable to: ALL

1

AIRCRAFT STATUS	CONDITION OF DISPATCH
If hand microphone PTT pb is jammed in the transmitting position	Refer to Item 23-51-03 Hand Microphone
If sidestick PTT pb is jammed in the transmitting position	Refer to Item 23-51-06 Sidestick PTT sw
If a transmission Key on one ACP is jammed in the transmitting position	Refer to Item 23-52-05 ACP Transmission Key
False alert	Refer to Item 23-09-01 COM HF 1(2) EMITTING Alert

ECAM Alert: **COM SINGLE PTT STUCK**

Ident.: ME-23-00014763.0002001 / 22 MAY 19
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
If hand microphone PTT pb is jammed in the transmitting position	Refer to Item 23-51-03 Hand Microphone
If sidestick PTT pb is jammed in the transmitting position	Refer to Item 23-51-06 Sidestick PTT sw
If the INT/RAD sw on one ACP is jammed in the transmitting position	Refer to Item 23-52-01 CAPT and F/O ACP or Refer to Item 23-52-02 ACP 3

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 23 - COMMUNICATIONS
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ECAM Alert: **COM VHF 3 DATA FAULT**

Ident.: ME-23-00007872.0004001 / 03 DEC 21
Applicable to: ALL

2

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 23-20-04 VHF Datalink

ECAM Alert: **COM VHF 1(2)(3) EMITTING**

Ident.: ME-23-00007871.0001001 / 15 FEB 18
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
If hand microphone PTT pb is jammed in the transmitting position	Refer to Item 23-51-03 Hand Microphone
If sidestick PTT pb is jammed in the transmitting position	Refer to Item 23-51-06 Sidestick PTT sw
If a transmission Key on one ACP is jammed in the transmitting position	Refer to Item 23-52-05 ACP Transmission Key
False alert (2 VHF installed)	NO DISPATCH
False alert (3 VHF installed)	Refer to Item 23-09-02 COM VHF 1(2)(3) EMITTING Alert (3 VHF installed)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 24 - ELECTRICAL POWER
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ECAM Alert: **C/B TRIPPED**

Ident.: ME-24-00007881.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	Refer to affected systems
False alert	<i>Refer to Item 24-09-02 C/B TRIPPED Alert</i>

ECAM Alert: **ELEC AC BUS 1 FAULT**

Ident.: ME-24-00007873.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
N/L	NO DISPATCH

ECAM Alert: **ELEC AC BUS 2 FAULT**

Ident.: ME-24-00007874.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
N/L	NO DISPATCH

ECAM Alert: **ELEC AC ESS BUS ALTN**

Ident.: ME-24-00010320.0003001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
N/L	NO DISPATCH

ECAM Alert: **ELEC AC ESS BUS FAULT**

Ident.: ME-24-00007875.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
N/L	NO DISPATCH

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ENTRIES 24 - ELECTRICAL POWER</p>
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ECAM Alert: **ELEC AC ESS BUS SHED**

Ident.: ME-24-00007876.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	<i>Refer to Item 24-09-01 ELEC AC ESS BUS SHED Alert</i>

ECAM Alert: **ELEC APU GEN FAULT**

Ident.: ME-24-00007877.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	<i>Refer to Item 24-23-01 AC Auxiliary Generation (APU Generator, APU GCU or GAPCU Auxiliary Power Control function, Line Contactor)</i>

ECAM Alert: **ELEC APU GEN OVERLOAD**

Ident.: ME-24-00013870.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	<i>Refer to Item 24-26-01 Galley Automatic Load Shed System</i>

ECAM Alert: **ELEC BAT 1(2) FAULT**

Ident.: ME-24-00007878.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 24 - ELECTRICAL POWER
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*ECAM Alert: **ELEC BAT 1(2) OFF***

Ident.: ME-24-00007879.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

*ECAM Alert: **ELEC BCL 1(2) FAULT***

Ident.: ME-24-00007880.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 24-38-02 Battery Charger Limiter (BCL)

*ECAM Alert: **ELEC DC BAT BUS FAULT***

Ident.: ME-24-00007883.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

*ECAM Alert: **ELEC DC BUS 1 FAULT***

Ident.: ME-24-00007886.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

*ECAM Alert: **ELEC DC BUS 2 FAULT***

Ident.: ME-24-00007887.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 24 - ELECTRICAL POWER
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ECAM Alert: **ELEC DC BUS 1+2 FAULT**

Ident.: ME-24-00007884.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ELEC DC EMER CONFIG**

Ident.: ME-24-00007888.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ELEC DC ESS BUS FAULT**

Ident.: ME-24-00007889.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ELEC DC ESS BUS SHED**

Ident.: ME-24-00007891.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ELEC EMER CONFIG**

Ident.: ME-24-00007892.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 24 - ELECTRICAL POWER
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ECAM Alert: **ELEC EMER GEN 1 LINE OFF**

Ident.: ME-24-00007894.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

ECAM Alert: **ELEC ESS BUSES ON BAT**

Ident.: ME-24-00007895.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ELEC GEN 1(2) FAULT**

Ident.: ME-24-00007905.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 24-22-01 AC Main Generation (IDG, GCU, Line Contactor)

ECAM Alert: **ELEC GEN 1(2) OFF**

Ident.: ME-24-00007906.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

ECAM Alert: **ELEC GEN 1(2) OVERLOAD**

Ident.: ME-24-00007907.0001001 / 18 JUL 12
1 Applicable to: LY-COB

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 24-26-01 Galley Automatic Load Shed System

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 24 - ELECTRICAL POWER
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ECAM Alert: **ELEC GEN 1(2) OVERLOAD**

Ident.: ME-24-00007907.0002001 / 19 MAY 21

Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 24-26-01 GALY & CAB Automatic Load Shed System

ECAM Alert: **ELEC IDG 1(2) DISCONNECTED**

Ident.: ME-24-00010319.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 24-22-01 AC Main Generation (IDG, GCU, Line Contactor)

ECAM Alert: **ELEC IDG 1(2) OIL LO PR**

Ident.: ME-24-00007908.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 24-22-01 AC Main Generation (IDG, GCU, Line Contactor)

ECAM Alert: **ELEC IDG 1(2) OIL OVHT**

Ident.: ME-24-00007909.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 24-22-01 AC Main Generation (IDG, GCU, Line Contactor)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 24 - ELECTRICAL POWER
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ECAM Alert:
ELEC STATIC INV FAULT

Ident.: ME-24-00007910.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert:
ELEC TR 1(2) FAULT

Ident.: ME-24-00007911.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 24-32-01 DC Main Generation (TR 1, TR 2)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 24 - ELECTRICAL POWER
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 26 - FIRE PROTECTION
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ECAM Alert: **APU FIRE**

Ident.: ME-26-00007941.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	<i>Refer to Item 49-10-01 Power Plant (APU)</i>

ECAM Alert: **APU FIRE DET FAULT**

Ident.: ME-26-00007939.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
<i>NIL</i>	<i>Refer to Item 26-13-01 APU Fire Detection Loop</i>

ECAM Alert: **APU FIRE LOOP A(B) FAULT**

Ident.: ME-26-00007940.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
<i>NIL</i>	<i>Refer to Item 26-13-01 APU Fire Detection Loop</i>

ECAM Alert: **AVIONICS SMOKE**

Ident.: ME-26-00007920.0001001 / 12 NOV 20

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	<i>Refer to Item 26-15-01 Avionics Smoke Detection System</i>

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 26 - FIRE PROTECTION
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ECAM Alert: **CARGO SMOKE AFT BTL SQUIB FAULT**

Ident.: ME-26-00007932.0001001 / 03 DEC 21

Applicable to: LY-ELK, LY-EMU, LY-OWL

1

AIRCRAFT STATUS	CONDITION OF DISPATCH
2 NIL	Refer to Item 26-23-03 Squib of the AFT/BULK (If Installed) Cargo Bottle 1

ECAM Alert: **CARGO SMOKE AFT BTL SQUIB FAULT**

Ident.: ME-26-00007932.0009001 / 03 DEC 21

Applicable to: LY-COB

3

AIRCRAFT STATUS	CONDITION OF DISPATCH
4 NIL	Refer to Item 26-23-03 Squib of the AFT/BULK (If Installed) Cargo Bottle 1 or Refer to Item 26-23-05 Squib of the AFT/BULK (If Installed) Cargo Bottle 2

ECAM Alert: **CARGO SMOKE FWD BTL SQUIB FAULT**

Ident.: ME-26-00007933.0001001 / 03 DEC 21

Applicable to: LY-ELK, LY-EMU, LY-OWL

5

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 26-23-02 Squib of the FWD Cargo Bottle 1

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 26 - FIRE PROTECTION
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ECAM Alert: **CARGO SMOKE FWD BTL SQUIB FAULT** 

Ident.: ME-26-00007933.0010001 / 18 JUL 12

Applicable to: LY-COB

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 26-23-02 Squib of the FWD Cargo Bottle 1 or Refer to Item 26-23-03 Squib of the FWD Cargo Bottle 2

ECAM Alert: **ENG 1(2) FIRE**

Ident.: ME-26-00007938.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG 1(2) FIRE DET FAULT**

Ident.: ME-26-00007935.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG 1(2) FIRE LOOP A FAULT**

Ident.: ME-26-00007936.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
If engine 1 is affected	Refer to Item 26-12-01 Engine Fire Detection Loop A on the Engine 1
If engine 2 is affected	Refer to Item 26-12-02 Engine Fire Detection Loop A on the Engine 2

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 26 - FIRE PROTECTION
------------------------------------------------------	---------------------------------------------------

ECAM Alert: ENG 1(2) FIRE LOOP B FAULT

Ident.: ME-26-00007937.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
If engine 1 is affected	Refer to Item 26-12-03 Engine Fire Detection Loop B on the Engine 1
If engine 2 is affected	Refer to Item 26-12-04 Engine Fire Detection Loop B on the Engine 2

ECAM Alert: SMOKE AFT CARGO SMOKE

Ident.: ME-26-00007914.0001001 / 18 JUL 12

6 Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: SMOKE AFT CRG BTL FAULT

Ident.: ME-26-00007916.0019001 / 23 FEB 21

Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
If the SMOKE FWD CRG BTL FAULT alert is not displayed on the EWD	Refer to Item 26-23-03 Squib of the AFT/BULK (If Installed) Cargo Bottle 1
If the SMOKE FWD CRG BTL FAULT alert is displayed on the EWD	Refer to Item 26-23-01 Cargo Agent Bottle

ECAM Alert: SMOKE AFT CRG DET FAULT

Ident.: ME-26-00007919.0001001 / 18 JUL 12

7 Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 26-16-02 Smoke Detector in the AFT and the BULK Cargo Compartments

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 26 - FIRE PROTECTION
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ECAM Alert: **SMOKE FWD CARGO SMOKE**

Ident.: ME-26-00007922.0001001 / 18 JUL 12

8 Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **SMOKE FWD CRG BTL FAULT**

Ident.: ME-26-00007923.0019001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
If the SMOKE AFT CRG BTL FAULT alert is not displayed on the EWD	Refer to Item 26-23-02 Squib of the FWD Cargo Bottle 1
If the SMOKE AFT CRG BTL FAULT alert is displayed on the EWD	Refer to Item 26-23-01 Cargo Agent Bottle

ECAM Alert: **SMOKE FWD CRG DET FAULT**

Ident.: ME-26-00007925.0001001 / 18 JUL 12

9 Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 26-16-01 Smoke Detector in the FWD Cargo Compartment

ECAM Alert: **SMOKE DET FAULT**

Ident.: ME-26-00007926.0003001 / 18 JUL 12

10 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 26-17-02 Smoke Detection Control Unit (SDCU)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 26 - FIRE PROTECTION
------------------------------------------------------	---------------------------------------------------

ECAM Alert: **SMOKE DET FAULT**

Ident.: ME-26-00007926.0004001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 23-73-10-01 Smoke Detection Function (CIDS-SDF)

ECAM Alert: **SMOKE LAVATORY DET FAULT**

Ident.: ME-26-00007928.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 26-17-01 Lavatory Smoke Detection System

ECAM Alert: **SMOKE LAVATORY SMOKE**

Ident.: ME-26-00007930.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	Refer to Item 26-17-01 Lavatory Smoke Detection System

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 27 - FLIGHT CONTROLS
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ECAM Alert: **CONFIG L(R) SIDESTICK FAULT**

Ident.: ME-27-00007983.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **CONFIG PITCH TRIM NOT IN T.O. RANGE**

Ident.: ME-27-00007984.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **CONFIG RUD TRIM NOT IN T.O. RANGE**

Ident.: ME-27-00007985.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **CONFIG SLATS(FLAPS) NOT IN T.O. CONFIG.**

Ident.: ME-27-00007986.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **CONFIG SPEED BRK NOT RETRACTED**

Ident.: ME-27-00007987.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 27 - FLIGHT CONTROLS
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ECAM Alert: **F/CTL AIL SERVO FAULT**

Ident.: ME-27-00007942.0001001 / 18 JUL 12

Applicable to: **ALL**

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 27-14-01 Left Aileron Blue Servo-Control (Controlled by ELAC 1) or Refer to Item 27-14-02 Left Aileron Green Servo-Control (Controlled by ELAC 2) or Refer to Item 27-14-03 Right Aileron Green Servo-Control (Controlled by ELAC 1) or Refer to Item 27-14-04 Right Aileron Blue Servo-Control (Controlled by ELAC 2)

ECAM Alert: **F/CTL ALTN LAW**

Ident.: ME-27-00007943.0001001 / 18 JUL 12

Applicable to: **ALL**

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **F/CTL DIRECT LAW**

Ident.: ME-27-00007944.0001001 / 18 JUL 12

Applicable to: **ALL**

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 27 - FLIGHT CONTROLS
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ECAM Alert: **F/CTL ELAC 1 FAULT**

Ident.: ME-27-00007946.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 27-93-01 ELAC 1

ECAM Alert: **F/CTL ELAC 1 PITCH FAULT**

Ident.: ME-27-00007945.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 27-93-01 ELAC 1

ECAM Alert: **F/CTL ELAC 2 FAULT**

Ident.: ME-27-00007948.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **F/CTL ELAC 2 PITCH FAULT**

Ident.: ME-27-00007947.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **F/CTL ELEV SERVO FAULT**

Ident.: ME-27-00007949.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
If the servo-control is affected.	NO DISPATCH
If the servo-control position transducer is affected.	Refer to Item 27-34-02 Elevator Servo-Control Position Transducer

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 27 - FLIGHT CONTROLS
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ECAM Alert: F/CTL FCDC 1 FAULT

Ident.: ME-27-00007950.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: F/CTL FCDC 2 FAULT

Ident.: ME-27-00007951.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 27-95-02 FCDC 2

ECAM Alert: F/CTL FCDC 1+2 FAULT

Ident.: ME-27-00007952.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: F/CTL FLAP/MCDU DISAGREE

Ident.: ME-27-00015751.0001001 / 12 NOV 20

Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

ECAM Alert: F/CTL FLAP ATTACH SENSOR

Ident.: ME-27-00007953.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 27 - FLIGHT CONTROLS
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ECAM Alert: **F/CTL FLAP LVR NOT ZERO**

Ident.: ME-27-00007954.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

ECAM Alert: **F/CTL FLAP SYS 1 FAULT**

Ident.: ME-27-00007955.0001001 / 20 FEB 14

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH
If the maintenance check confirms that the F/CTL FLAP SYS 1 FAULT alert is displayed on the EWD due to a flap motor failure	Refer to Item 27-54-01 Flap Hydraulic Motor

ECAM Alert: **F/CTL FLAP SYS 2 FAULT**

Ident.: ME-27-00007956.0001001 / 20 FEB 14

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 27-51-01 SFCC Flap Channel
If the maintenance check confirms that the F/CTL FLAP SYS 2 FAULT alert is displayed on the EWD due to a flap motor failure.	Refer to Item 27-54-01 Flap Hydraulic Motor

ECAM Alert: **F/CTL FLAP TIP BRK FAULT**

Ident.: ME-27-00007957.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 27-51-02 Flap Wing Tip Brakes Solenoid

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 27 - FLIGHT CONTROLS
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ECAM Alert: F/CTL FLAPS(SLATS) FAULT

Ident.: ME-27-00007958.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: F/CTL FLAPS(SLATS) LOCKED

Ident.: ME-27-00007959.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: F/CTL GND SPLR FAULT

Ident.: ME-27-00007961.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
If the braking system is affected	<i>Refer to Item 32-42-06 Tachometer</i>
If the braking system is not affected	<i>Refer to Item 27-92-02 Ground Spoiler Control System</i>

ECAM Alert: F/CTL GND SPLR 1+2(3+4) FAULT

Ident.: ME-27-00007960.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	<i>Refer to Item 27-92-02 Ground Spoiler Control System</i>

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 27 - FLIGHT CONTROLS
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ECAM Alert: **F/CTL GND SPLR 5 FAULT**

Ident.: ME-27-00014417.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 27-92-02 Ground Spoiler Control System

ECAM Alert: **F/CTL GND SPLR NOT ARMED**

Ident.: ME-27-00014419.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Ground spoilers are not armed while on approach below 500 ft (150 m) AGL with the landing gears down.	Not related to MEL

ECAM Alert: **F/CTL L(R) AIL FAULT**

Ident.: ME-27-00007964.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **F/CTL L(R) ELEV FAULT**

Ident.: ME-27-00007965.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **F/CTL L+R ELEV FAULT**

Ident.: ME-27-00007963.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 27 - FLIGHT CONTROLS
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ECAM Alert: **F/CTL L(R) SIDESTICK FAULT**

Ident.: ME-27-00007966.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **F/CTL PITCH TRIM/MCDU/CG DISAGREE**

Ident.: ME-27-00014418.0001001 / 12 MAY 14

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

ECAM Alert: **F/CTL SEC 1 FAULT**

Ident.: ME-27-00007967.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 27-94-01 SEC 1

ECAM Alert: **F/CTL SEC 2 FAULT**

Ident.: ME-27-00007968.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 27-94-02 SEC 2

ECAM Alert: **F/CTL SEC 3 FAULT**

Ident.: ME-27-00007969.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 27-94-03 SEC 3

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 27 - FLIGHT CONTROLS
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ECAM Alert: **F/CTL SIDESTICK PRIORITY**

Ident.: ME-27-00007970.0001001 / 10 AUG 16

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to FCOM/PRO-ABN-F_CTL F/CTL SIDESTICK PRIORITY

ECAM Alert: **F/CTL SLAT SYS 1 FAULT**

Ident.: ME-27-00007971.0001001 / 20 FEB 14

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH
If the maintenance check confirms the F/CTL SLAT SYS 1 FAULT alert is displayed on the EWD due to a slat motor failure.	Refer to Item 27-84-01 Slats Hydraulic Motor

ECAM Alert: **F/CTL SLAT SYS 2 FAULT**

Ident.: ME-27-00007972.0001001 / 20 FEB 14

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 27-81-01 SFCC Slat Channel
If the maintenance check confirms the F/CTL SLAT SYS 2 FAULT alert is displayed on the EWD due to a slat motor failure.	Refer to Item 27-84-01 Slats Hydraulic Motor

ECAM Alert: **F/CTL SLAT TIP BRK FAULT**

Ident.: ME-27-00007973.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 27-81-02 Slat Wing Tip Brakes Solenoid

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 27 - FLIGHT CONTROLS
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ECAM Alert: F/CTL SPD BRK DISAGREE

Ident.: ME-27-00007976.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 27-92-01 Speedbrake Control System

ECAM Alert: F/CTL SPD BRK FAULT

Ident.: ME-27-00007977.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 27-92-01 Speedbrake Control System

ECAM Alert: F/CTL SPD BRK STILL OUT

Ident.: ME-27-00007978.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

ECAM Alert: F/CTL SPD BRK 2(3+4) FAULT

Ident.: ME-27-00007975.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 27-92-01 Speedbrake Control System

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 27 - FLIGHT CONTROLS
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ECAM Alert: **F/CTL SPLR FAULT**

Ident.: ME-27-00007979.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 27-64-01 Spoiler 5 or Refer to Item 27-64-02 Spoiler 1 or 3 or Refer to Item 27-64-03 Spoiler 2 or 4 or Refer to Item 27-64-04 Spoilers 1 and 2 or Refer to Item 27-64-05 Spoilers 3 and 4

ECAM Alert: **F/CTL STABILIZER JAM**

Ident.: ME-27-00007980.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 27 - FLIGHT CONTROLS
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 28 - FUEL
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ECAM Alert: **FUEL APU LP VALVE FAULT**

Ident.: ME-28-00007992.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 28-29-01 APU LP Fuel Valve

ECAM Alert: **FUEL AUTO FEED FAULT**

Ident.: ME-28-00007993.0002001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 28-20-01 Automatic Fuel Feed System

ECAM Alert: **FUEL CTR TK PUMP 1(2) LO PR**

Ident.: ME-28-00007995.0003001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 28-21-02 Center Tank Pump

ECAM Alert: **FUEL CTR TK PUMPS LO PR**

Ident.: ME-28-00007996.0003001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 28-21-02 Center Tank Pump

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 28 - FUEL
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ECAM Alert: **FUEL CTR TK PUMPS OFF**

Ident.: ME-28-00007997.0002001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

ECAM Alert: **FUEL ENG 1(2) LP VALVE OPEN**

Ident.: ME-28-00007998.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	Refer to Item 28-07-04-01 Engine LP Fuel Valve Indication on the FUEL SD page

ECAM Alert: **FUEL FQI CH 1(2) FAULT**

Ident.: ME-28-00008000.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 28-50-01 Fuel Quantity Indicating Computer (FQIC) Channel

ECAM Alert: **FUEL L(R) INNER(OUTER) TK HI TEMP**

Ident.: ME-28-00008003.0001001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	Dispatch possible only if "delay T.O" is not displayed on ECAM.
False alert	Refer to Item 28-09-01 FUEL L(R) INNER(OUTER)/WING TK HI TEMP Alert

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 28 - FUEL
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*ECAM Alert: **FUEL L(R) INNER(OUTER) TK HI TEMP***

Ident.: ME-28-00008003.0002001 / 18 JUL 12

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	<i>Refer to Item 28-09-01 FUEL L(R) INNER(OUTER)/WING TK HI TEMP Alert</i>

*ECAM Alert: **FUEL L(R) INNER(OUTER) TK LO TEMP***

Ident.: ME-28-00008004.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	<i>Refer to Item 28-09-02 FUEL L(R) INNER(OUTER)/WING TK LO TEMP Alert</i>

*ECAM Alert: **FUEL L(R) OUTER XFR CLOSED***

Ident.: ME-28-00014884.0006001 / 02 APR 13

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	<i>Refer to Item 28-15-01 LH Wing Transfer Valve or Refer to Item 28-15-02 RH Wing Transfer Valve</i>

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 28 - FUEL
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ECAM Alert: **FUEL L(R) OUTER XFR OPEN**

Ident.: ME-28-00014885.0006001 / 02 APR 13

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 28-15-01 LH Wing Transfer Valve or Refer to Item 28-15-02 RH Wing Transfer Valve

ECAM Alert: **FUEL L(R) TK PUMP 1(2) LO PR**

Ident.: ME-28-00008006.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 28-21-01 Wing Tank Pump

ECAM Alert: **FUEL L(R) TK PUMP 1+2 LO PR**

Ident.: ME-28-00008005.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **FUEL L(R) WING TK LO LVL**

Ident.: ME-28-00008007.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	Refer to Item 28-46-04 Low Level Detection System in the Inner/Wing Tank

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 28 - FUEL
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 29 - HYDRAULIC POWER
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ECAM Alert: **HYD B ELEC PUMP LO PR**

Ident.: ME-29-00008021.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	<i>Refer to Item 29-09-01 HYD B(Y) ELEC PUMP LO PR Alert</i>

ECAM Alert: **HYD B ELEC PUMP OVHT**

Ident.: ME-29-00008022.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	<i>Refer to Item 29-09-02 HYD B(Y) ELEC PUMP OVHT Alert</i>

ECAM Alert: **HYD B RSVR LO AIR PR**

Ident.: ME-29-00008023.0001001 / 18 JUL 12
Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	<i>Refer to Item 29-09-04 HYD G(B)(Y) RSVR LO AIR PR Alert</i>

ECAM Alert: **HYD B RSVR LO AIR PR**

Ident.: ME-29-00008023.0003001 / 18 JUL 12
1 Applicable to: LY-COB

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 29 - HYDRAULIC POWER
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<i>ECAM Alert:</i> HYD B RSVR LO LVL

Ident.: ME-29-00008025.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	<i>Refer to Item 29-09-05 HYD G(B)(Y) RSVR LO LVL Alert</i>

<i>ECAM Alert:</i> HYD B RSVR OVHT

Ident.: ME-29-00008026.0001001 / 10 AUG 16

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

<i>ECAM Alert:</i> HYD B SYS LO PR

Ident.: ME-29-00008027.0001001 / 20 AUG 19

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

<i>ECAM Alert:</i> HYD B+G SYS LO PR

Ident.: ME-29-00008028.0001001 / 20 AUG 19

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

<i>ECAM Alert:</i> HYD B+Y SYS LO PR

Ident.: ME-29-00008029.0001001 / 20 AUG 19

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 29 - HYDRAULIC POWER
------------------------------------------------------	---------------------------------------------------

ECAM Alert: **HYD G ENG 1 PUMP LO PR**

Ident.: ME-29-00008030.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	Refer to Item 29-09-03 HYD G(Y) ENG 1(2) PUMP LO PR Alert

ECAM Alert: **HYD G RSVR LO AIR PR**

Ident.: ME-29-00008032.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	Refer to Item 29-09-04 HYD G(B)(Y) RSVR LO AIR PR Alert

ECAM Alert: **HYD G RSVR LO LVL**

Ident.: ME-29-00008033.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	Refer to Item 29-09-05 HYD G(B)(Y) RSVR LO LVL Alert

ECAM Alert: **HYD G RSVR OVHT**

Ident.: ME-29-00008035.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	Refer to Item 29-09-06 HYD G(B)(Y) RSVR OVHT Alert

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 29 - HYDRAULIC POWER
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ECAM Alert: **HYD G SYS LO PR**

Ident.: ME-29-00008036.0001001 / 20 AUG 19

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **HYD G+Y SYS LO PR**

Ident.: ME-29-00008037.0001001 / 20 AUG 19

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **HYD PTU FAULT**

Ident.: ME-29-00008038.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	Refer to Item 29-09-07 HYD PTU FAULT Alert

ECAM Alert: **HYD RAT FAULT**

Ident.: ME-29-00008039.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	Refer to Item 29-09-08 HYD RAT FAULT Alert

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 29 - HYDRAULIC POWER
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ECAM Alert: HYD Y ELEC PUMP LO PR

Ident.: ME-29-00008040.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	Refer to Item 29-24-01 Yellow System Electric Pump
False alert	Refer to Item 29-09-01 HYD B(Y) ELEC PUMP LO PR Alert

ECAM Alert: HYD Y ELEC PUMP OVHT

Ident.: ME-29-00008041.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	Refer to Item 29-24-01 Yellow System Electric Pump
False alert	Refer to Item 29-09-02 HYD B(Y) ELEC PUMP OVHT Alert

ECAM Alert: HYD Y ENG 2 PUMP LO PR

Ident.: ME-29-00008043.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	Refer to Item 29-09-03 HYD G(Y) ENG 1(2) PUMP LO PR Alert

ECAM Alert: HYD Y RSVR LO AIR PR

Ident.: ME-29-00008044.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ENTRIES 29 - HYDRAULIC POWER</p>
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Continued from the previous page

AIRCRAFT STATUS	CONDITION OF DISPATCH
False alert	Refer to Item 29-09-04 HYD G(B)(Y) RSVR LO AIR PR Alert

ECAM Alert: **HYD Y RSVR LO LVL**

Ident.: ME-29-00008045.0001001 / 18 JUL 12

Applicable to: **ALL**

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	Refer to Item 29-09-05 HYD G(B)(Y) RSVR LO LVL Alert

ECAM Alert: **HYD Y RSVR OVHT**

Ident.: ME-29-00008046.0001001 / 18 JUL 12

Applicable to: **ALL**

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	Refer to Item 29-09-06 HYD G(B)(Y) RSVR OVHT Alert

ECAM Alert: **HYD Y SYS LO PR**

Ident.: ME-29-00008047.0001001 / 20 AUG 19

Applicable to: **ALL**

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 30 - ICE AND RAIN PROTECTION
------------------------------------------------------	-----------------------------------------------------------

ECAM Alert: **ANTI ICE ALL PITOT**

Ident.: ME-30-00008053.0002001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ANTI ICE CAPT(F/O)(STBY) AOA**

Ident.: ME-30-00008054.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 30-31-04 Angle of Attack (AOA) Probes Heating

ECAM Alert: **ANTI ICE CAPT(F/O)(STBY) L(R) STAT**

Ident.: ME-30-00008056.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 30-31-03 Static Ports Heater

ECAM Alert: **ANTI ICE CAPT(F/O)(STBY) PITOT**

Ident.: ME-30-00008058.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 30-31-02 Pitot Heater

ECAM Alert: **ANTI ICE CAPT+F/O PITOT**

Ident.: ME-30-00008059.0002001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 30 - ICE AND RAIN PROTECTION
------------------------------------------------------	-----------------------------------------------------------

ECAM Alert: **ANTI ICE CAPT+STBY PITOT**

Ident.: ME-30-00008060.0002001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ANTI ICE CAPT(F/O)(STBY) PROBES**

Ident.: ME-30-00008062.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 30-31-01 Probe Heat Computer (PHC)

ECAM Alert: **ANTI ICE CAPT(F/O) TAT**

Ident.: ME-30-00008064.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 30-31-05 TAT Probes Heating

ECAM Alert: **ANTI ICE ENG 1(2) VALVE CLSD**

Ident.: ME-30-00008068.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 30-21-01 Engine Anti-Ice Valve

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 30 - ICE AND RAIN PROTECTION
------------------------------------------------------	-----------------------------------------------------------

ECAM Alert: **ANTI ICE ENG 1(2) VALVE OPEN**

Ident.: ME-30-00008070.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 30-21-01 Engine Anti-Ice Valve

ECAM Alert: **ANTI ICE F/O+STBY PITOT**

Ident.: ME-30-00008071.0002001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ANTI ICE L(R) WINDOW**

Ident.: ME-30-00008089.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
If the Window Heat Computer is affected	Refer to Item 30-42-01 Window Heat Computer
NIL	Refer to Item 30-42-02 Fixed Lateral Window and Sliding Window Heating

ECAM Alert: **ANTI ICE L(R) WINDSHIELD**

Ident.: ME-30-00008096.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
If the Window Heat Computer is affected	Refer to Item 30-42-01 Window Heat Computer
NIL	Refer to Item 30-42-03 Windshield Heating

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ENTRIES</p> <p style="text-align: center;">30 - ICE AND RAIN PROTECTION</p>
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ECAM Alert: **ANTI ICE L+R WINDSHIELD**

Ident.: ME-30-00008075.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **WING ANTI ICE L(R) HI PR**

Ident.: ME-30-00008098.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 30-11-01B Wing Anti-Ice Control Valve

ECAM Alert: **WING ANTI ICE L(R) VALVE OPEN**

Ident.: ME-30-00008099.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 30-11-01 Wing Anti-Ice Control Valve

ECAM Alert: **WING ANTI ICE OPEN ON GND**

Ident.: ME-30-00008100.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 30-11-01 Wing Anti-Ice Control Valve

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 30 - ICE AND RAIN PROTECTION
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ECAM Alert: **WING ANTI ICE SYS FAULT**

Ident.: ME-30-00008101.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 30-11-01 Wing Anti-Ice Control Valve

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 30 - ICE AND RAIN PROTECTION
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 31 - INDICATING/RECORDING SYSTEMS
------------------------------------------------------	----------------------------------------------------------------

*ECAM Alert: **EIS DMC 1 FAULT***

Ident.: ME-31-00008102.0002001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 31-62-01 DMC 1

*ECAM Alert: **EIS DMC 2 FAULT***

Ident.: ME-31-00008103.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 31-62-02 DMC 2

*ECAM Alert: **EIS DMC 3 FAULT***

Ident.: ME-31-00008104.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 31-62-03 DMC 3

*ECAM Alert: **EIS DMC/FWC COM FAULT***

Ident.: ME-31-00014303.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

*ECAM Alert: **FWS FWC 1 FAULT***

Ident.: ME-31-00008105.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 31 - INDICATING/RECORDING SYSTEMS
------------------------------------------------------	----------------------------------------------------------------

ECAM Alert: **FWS FWC 2 FAULT**

Ident.: ME-31-00008106.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 31-53-01 Flight Warning Computer (FWC)

ECAM Alert: **FWS FWC 1+2 FAULT**

Ident.: ME-31-00008107.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **FWS OEB/FWC DISCREPANCY**

Ident.: ME-31-00008108.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **FWS SDAC 1 FAULT**

Ident.: ME-31-00008109.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **FWS SDAC 2 FAULT**

Ident.: ME-31-00008110.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 31-55-01 System Data Acquisition Concentrator (SDAC)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 31 - INDICATING/RECORDING SYSTEMS
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ECAM Alert: **FWS SDAC 1+2 FAULT**

Ident.: ME-31-00008111.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **RECORDER DFDR FAULT**

Ident.: ME-31-00008112.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 31-30-03 Digital Flight Data Recorder (DFDR)

ECAM Alert: **RECORDER SYS FAULT**

Ident.: ME-31-00008113.0002001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 31-30-05 Flight Data Interface (FDIU or FDIMU Flight Data Interface function)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 31 - INDICATING/RECORDING SYSTEMS
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 32 - LANDING GEAR
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ECAM Alert: **BRAKES ALTN BRK FAULT**

Ident.: ME-32-00008135.0002001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **BRAKES ALTN L(R) RELEASED**

Ident.: ME-32-00008138.0002001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **BRAKES A/SKID N/WS FAULT**

Ident.: ME-32-00008129.0002001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **BRAKES A/SKID N/WS OFF**

Ident.: ME-32-00008131.0002001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

ECAM Alert: **BRAKES AUTO BRK FAULT**

Ident.: ME-32-00008132.0001001 / 18 JUL 12

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

AIRCRAFT STATUS	CONDITION OF DISPATCH
If normal braking is lost (BRAKE RELEASED message is not displayed)	NO DISPATCH

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ENTRIES 32 - LANDING GEAR</p>
------------------------------------------------------	-------------------------------------------------------------------------------------

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AIRCRAFT STATUS	CONDITION OF DISPATCH
If the autobrake function is affected (BRAKE RELEASED message is displayed)	<i>Refer to Item 32-42-05 AUTO/BRK Function</i>
If a tachometer is affected (BRAKE RELEASED message is displayed)	<i>Refer to Item 32-42-06 Tachometer</i>

ECAM Alert: **BRAKES AUTO BRK FAULT**

Ident.: ME-32-00008132.0002001 / 18 JUL 12
Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	<i>Refer to Item 32-42-05 AUTO/BRK Function</i>

ECAM Alert: **BRAKES BRK Y ACCU LO PR**

Ident.: ME-32-00008134.0002001 / 18 JUL 12
Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	<i>Refer to Item 32-44-02 ACCU PRESS Indicator</i>

ECAM Alert: **BRAKES SYS 1 FAULT**

Ident.: ME-32-00008139.0002001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	<i>Refer to Item 32-42-03 Braking/Steering Control Unit (BSCU) Channel 1 / System 1</i>

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 32 - LANDING GEAR
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ECAM Alert: **BRAKES SYS 2 FAULT**

Ident.: ME-32-00008140.0002001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 32-42-04 Braking/Steering Control Unit (BSCU) Channel 2 / System 2

ECAM Alert: **BRAKES HOT**

Ident.: ME-32-00008141.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	Refer to Item 32-07-01 Brakes Temperature Indication on the WHEEL SD page

ECAM Alert: **BRAKES NORM BRK FAULT**

Ident.: ME-32-00008136.0002001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **BRAKES NORM+ALT FAULT**

Ident.: ME-32-00008137.0002001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 32 - LANDING GEAR
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ECAM Alert: **BRAKES PARK BRK LO PR**

Ident.: ME-32-00013832.0003001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

ECAM Alert: **BRAKES PARK BRK ON**

Ident.: ME-32-00008142.0002001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

ECAM Alert: **BRAKES RELEASED**

Ident.: ME-32-00008133.0002001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
If green brake supply affected	<i>Refer to Item 32-42-02 Green System Brake</i>
If a tachometer is affected	<i>Refer to Item 32-42-06 Tachometer</i>

ECAM Alert: **BRAKES-N/WS MINOR FAULT**

Ident.: ME-32-00008143.0002001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	<i>Refer to Item 32-09-01 BRAKES-N/WS MINOR FAULT Alert</i>

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 32 - LANDING GEAR
------------------------------------------------------	------------------------------------------------

ECAM Alert: **CONFIG PARK BRK ON**

Ident.: ME-32-00008127.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **L/G DOORS NOT CLOSED**

Ident.: ME-32-00008115.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **L/G GEAR NOT DOWN**

Ident.: ME-32-00008116.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

ECAM Alert: **L/G GEAR NOT DOWNLOCKED**

Ident.: ME-32-00008117.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

ECAM Alert: **L/G GEAR NOT UNLOCKED**

Ident.: ME-32-00008118.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 32 - LANDING GEAR
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ECAM Alert: **L/G GEAR UNLOCK FAULT**

Ident.: ME-32-00008119.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 32-31-02 Landing Gear Retracting System

ECAM Alert: **L/G LGCIU 1 FAULT**

Ident.: ME-32-00008120.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **L/G LGCIU 2 FAULT**

Ident.: ME-32-00008121.0003001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
If the LGCIU 2 is inoperative	Refer to Item 32-31-01 Landing Gear Control and Interface Unit (LGCIU)
If a RH L/G proximity detector associated with the LGCIU 2 is inoperative: apply the relevant item.	Refer to Item 32-32-02 LGCIU 2 RH L/G Shock Absorber Proximity Detector or Refer to Item 32-32-05 LGCIU 2 RH L/G Down Lock Proximity Detector or Refer to Item 32-32-08 LGCIU 2 RH L/G Up Lock Proximity Detector or Refer to Item 32-32-11 LGCIU 2 RH L/G Doors Open Proximity Detector or Refer to Item 32-32-14 LGCIU 2 RH L/G Doors Closed Proximity Detector

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 32 - LANDING GEAR
------------------------------------------------------	------------------------------------------------

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AIRCRAFT STATUS	CONDITION OF DISPATCH
If a LH L/G proximity detector associated with the LGCIU 2 is inoperative: apply the relevant item.	Refer to Item 32-32-03 LGCIU 2 LH L/G Shock Absorber Proximity Detector or Refer to Item 32-32-06 LGCIU 2 LH L/G Down Lock Proximity Detector or Refer to Item 32-32-09 LGCIU 2 LH L/G Up Lock Proximity Detector or Refer to Item 32-32-12 LGCIU 2 LH L/G Doors Open Proximity Detector or Refer to Item 32-32-15 LGCIU 2 LH L/G Doors Closed Proximity Detector
If a Nose L/G proximity detector associated with the LGCIU 2 is inoperative: apply the relevant item.	Refer to Item 32-32-04 LGCIU 2 Nose L/G Shock Absorber Proximity Detector or Refer to Item 32-32-07 LGCIU 2 Nose L/G Down Lock Proximity Detector or Refer to Item 32-32-10 LGCIU 2 Nose L/G Up Lock Proximity Detector or Refer to Item 32-32-13 LGCIU 2 Nose L/G Doors Open Proximity Detector or Refer to Item 32-32-16 LGCIU 2 Nose L/G Doors Closed Proximity Detector

ECAM Alert: L/G LGCIU 1+2 FAULT

Ident.: ME-32-00014276.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 32 - LANDING GEAR
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ECAM Alert: **L/G SHOCK ABSORBER FAULT**

Ident.: ME-32-00008122.0001001 / 18 JUL 12

Applicable to: **ALL**

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **L/G SYS DISAGREE**

Ident.: ME-32-00008123.0001001 / 18 JUL 12

Applicable to: **ALL**

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **WHEEL HYD SEL FAULT**

Ident.: ME-32-00008124.0001001 / 18 JUL 12

Applicable to: **ALL**

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **WHEEL N/W STRG FAULT**

Ident.: ME-32-00008125.0002001 / 10 AUG 16

Applicable to: **ALL**

AIRCRAFT STATUS	CONDITION OF DISPATCH
If the NWS electrical deactivation box is failed	Refer to Item 32-51-03 NWS Electrical Deactivation Box
In the other cases	Refer to Item 32-51-01 Nose Wheel Steering Control System

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 34 - NAVIGATION
------------------------------------------------------	----------------------------------------------

ECAM Alert: **NAV ADR DISAGREE**

Ident.: ME-34-00008144.0002001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **NAV ADR 1 FAULT**

Ident.: ME-34-00008145.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 34-10-01 ADR 1

ECAM Alert: **NAV ADR 2 FAULT**

Ident.: ME-34-00008146.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 34-10-02 ADR 2

ECAM Alert: **NAV ADR 3 FAULT**

Ident.: ME-34-00008147.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 34-10-03 ADR 3

ECAM Alert: **NAV ADR 1+2(1+3)(2+3) FAULT**

Ident.: ME-34-00008148.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 34 - NAVIGATION
------------------------------------------------------	----------------------------------------------

ECAM Alert: **NAV ADR 1+2+3 FAULT**

Ident.: ME-34-00008149.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **NAV ALTI DISCREPANCY**

Ident.: ME-34-00008150.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 34-10-01 ADR 1 or Refer to Item 34-10-02 ADR 2 or Refer to Item 34-10-03 ADR 3

ECAM Alert: **NAV ATC/XPDR 1(2) FAULT**

Ident.: ME-34-00013848.0001001 / 13 MAY 20

1 Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 34-50-01 ATC

ECAM Alert: **NAV ATC/XPDR 1+2 FAULT**

Ident.: ME-34-00023998.0001001 / 13 MAY 20

2 Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 34 - NAVIGATION
------------------------------------------------------	----------------------------------------------

ECAM Alert: **NAV ATC/XPDR STBY**

Ident.: ME-34-00013846.0001001 / 18 JUL 12
3 Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

ECAM Alert: **NAV ATT DISCREPANCY**

Ident.: ME-34-00008151.0001001 / 03 DEC 21
4 Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 34-10-04 IR 1 or Refer to Item 34-10-05 IR 2 or Refer to Item 34-10-06 IR 3 (for aircraft without Honeywell 10 MCU ADIRU)

ECAM Alert: **NAV BARO REF DISCREPANCY**

Ident.: ME-34-00008152.0001001 / 18 JUL 12
4 Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

ECAM Alert: **NAV CAPT(F/O)(STBY) AOA FAULT**

Ident.: ME-34-00010323.0003001 / 18 JUL 12
4 Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 34-11-01 Angle of Attack (AOA) Sensor

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 34 - NAVIGATION
------------------------------------------------------	----------------------------------------------

ECAM Alert: **NAV FM/GPS POS DISAGREE** 

Ident.: ME-34-00008153.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

ECAM Alert: **NAV GPS 1(2) FAULT** 

Ident.: ME-34-00008158.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 34-50-09 Global Positioning System (GPS)

ECAM Alert: **NAV GPWS FAULT**

Ident.: ME-34-00008159.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 34-40-01 GPWS Basic Modes

ECAM Alert: **NAV GPWS TERR DET FAULT**

Ident.: ME-34-00008160.0001001 / 21 NOV 17

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 34-40-02 Predictive GPWS Functions

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 34 - NAVIGATION
------------------------------------------------------	----------------------------------------------

ECAM Alert: **NAV HDG DISCREPANCY**

Ident.: ME-34-00008161.0001001 / 03 DEC 21
Applicable to: ALL

5

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 34-10-04 IR 1 or Refer to Item 34-10-05 IR 2 or Refer to Item 34-10-06 IR 3 (for aircraft without Honeywell 10 MCU ADIRU)

ECAM Alert: **NAV IAS DISCREPANCY**

Ident.: ME-34-00008165.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 34-10-01 ADR 1 or Refer to Item 34-10-02 ADR 2 or Refer to Item 34-10-03 ADR 3

ECAM Alert: **NAV ILS 1(2)(1+2) FAULT**

Ident.: ME-34-00008166.0004001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 34-30-04 Instrument Landing System (ILS)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 34 - NAVIGATION
------------------------------------------------------	----------------------------------------------

ECAM Alert: NAV IR DISAGREE

Ident.: ME-34-00008167.0002001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: NAV IR NOT ALIGNED

Ident.: ME-34-00008172.0001001 / 03 DEC 21

Applicable to: LY-COD, LY-RAM

6

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 34-10-04 IR 1 or Refer to Item 34-10-05 IR 2 or Refer to Item 34-10-06 IR 3 (for aircraft without Honeywell 10 MCU ADIRU)

ECAM Alert: NAV IR 1 FAULT

Ident.: ME-34-00008168.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 34-10-04 IR 1

ECAM Alert: NAV IR 2 FAULT

Ident.: ME-34-00008169.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 34-10-05 IR 2

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 34 - NAVIGATION
------------------------------------------------------	----------------------------------------------

ECAM Alert: **NAV IR 3 FAULT**

Ident.: ME-34-00008170.0001001 / 03 DEC 21
Applicable to: ALL

7

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 34-10-06 IR 3 (for aircraft without Honeywell 10 MCU ADIRU)

ECAM Alert: **NAV IR 1+2(1+3)(2+3) FAULT**

Ident.: ME-34-00008171.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **NAV LS TUNING DISAGREE**

Ident.: ME-34-00008155.0001001 / 18 JUL 12
Applicable to: ALL

8

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

ECAM Alert: **NAV PRED W/S DET FAULT** 

Ident.: ME-34-00008157.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 34-40-07 Predictive Windshear Detection System

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 34 - NAVIGATION
------------------------------------------------------	----------------------------------------------

ECAM Alert: **NAV RA DEGRADED**

Ident.: ME-34-00010321.0001001 / 18 JUL 12

Applicable to: **ALL**

AIRCRAFT STATUS	CONDITION OF DISPATCH
During the previous flight, both RAs disagreed. If the RA 1(2) is confirmed faulty by troubleshooting, the radio altimeter 1(2) must be considered inoperative.	<i>Refer to Item 34-40-04 Radio Altimeter System</i>

ECAM Alert: **NAV RA 1(2) FAULT**

Ident.: ME-34-00008174.0001001 / 18 JUL 12

Applicable to: **ALL**

AIRCRAFT STATUS	CONDITION OF DISPATCH
<i>NIL</i>	<i>Refer to Item 34-40-04 Radio Altimeter System</i>

ECAM Alert: **NAV TCAS FAULT** 

Ident.: ME-34-00008175.0001001 / 21 NOV 17

Applicable to: **ALL**

AIRCRAFT STATUS	CONDITION OF DISPATCH
<i>NIL</i>	<i>Refer to Item 34-40-05 Traffic Collision Avoidance System (TCAS)</i>

ECAM Alert: **NAV TCAS STANDBY**

Ident.: ME-34-00010322.0001001 / 18 JUL 12

Applicable to: **ALL**

AIRCRAFT STATUS	CONDITION OF DISPATCH
<i>NIL</i>	Not related to MEL

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 34 - NAVIGATION
------------------------------------------------------	----------------------------------------------

ECAM Alert: **OVERSPEED**

Ident.: ME-34-00008176.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 34 - NAVIGATION
------------------------------------------------------	----------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 36 - PNEUMATIC
------------------------------------------------------	---------------------------------------------

ECAM Alert: **AIR APU BLEED FAULT**

Ident.: ME-36-00008236.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 36-12-02 APU Bleed Valve

ECAM Alert: **AIR APU BLEED LEAK**

Ident.: ME-36-00008238.0001001 / 19 MAY 21
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	Refer to Item 36-09-01 AIR APU BLEED LEAK Alert

ECAM Alert: **AIR APU LEAK DET FAULT**

Ident.: ME-36-00016163.0001001 / 12 NOV 20
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 36-22-03 APU Leak Detection Loop

ECAM Alert: **AIR BLEED 1(2) OFF**

Ident.: ME-36-00008244.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 36-11-01 Engine Bleed Air Supply System

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 36 - PNEUMATIC
------------------------------------------------------	---------------------------------------------

ECAM Alert: **AIR ENG 1(2) HP VALVE FAULT**

Ident.: ME-36-00008251.0001001 / 19 MAY 21

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 36-11-07 Engine Bleed HP Valve

ECAM Alert: **AIR ENG 1(2) BLEED ABNORM PR**

Ident.: ME-36-00008246.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 36-11-01 Engine Bleed Air Supply System

ECAM Alert: **AIR ENG 1(2) BLEED FAULT**

Ident.: ME-36-00008247.0002001 / 13 MAY 20

2 Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
If the Engine Bleed HP Valve is failed open	Refer to Item 36-11-07B Engine Bleed HP Valve
If the associated BLEED NOT CLOSED subtitle is displayed	Refer to Item 36-11-02 Engine Bleed Valve (PRV)
In the other cases	Refer to Item 36-11-01 Engine Bleed Air Supply System

ECAM Alert: **AIR ENG 1(2) BLEED HI TEMP**

Ident.: ME-36-00014305.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Apply ECAM procedure.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 36 - PNEUMATIC
------------------------------------------------------	---------------------------------------------

ECAM Alert: AIR ENG 1(2) BLEED LEAK

Ident.: ME-36-00008248.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	Refer to Item 36-22-01 Pylon Leak Detection System

ECAM Alert: AIR ENG 1(2)(1+2) BLEED LO TEMP

Ident.: ME-36-00008245.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 36-11-04 Engine Bleed Fan Air Valve

ECAM Alert: AIR ENG 1(2) BLEED NOT CLSD

Ident.: ME-36-00008249.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 36-11-02 Engine Bleed Valve (PRV)

ECAM Alert: AIR ENG 1+2 BLEED FAULT

Ident.: ME-36-00016088.0001001 / 27 NOV 15
3 Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 36 - PNEUMATIC
------------------------------------------------------	---------------------------------------------

ECAM Alert: **AIR L(R) WING LEAK**

Ident.: ME-36-00008252.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **AIR L(R) WNG LEAK DET FAULT**

Ident.: ME-36-00008253.0001001 / 29 SEP 15

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **AIR X BLEED FAULT**

Ident.: ME-36-00008254.0001001 / 04 NOV 14

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
If the automatic control of the crossbleed valve is affected	<i>Refer to Item 36-12-04 Automatic Control of the X Bleed Valve</i>
If the manual control of the crossbleed valve is affected	<i>Refer to Item 36-12-05 Manual Control of the X Bleed Valve</i>

ECAM Alert: **BLEED MONITORING FAULT**

Ident.: ME-36-00008255.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 46 - INFORMATION SYSTEMS
------------------------------------------------------	-------------------------------------------------------

ECAM Alert:
DATA LINK ATC FAULT

Ident.: ME-46-00008259.0005001 / 21 NOV 17

1
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 46-21-04 ATC Datalink

ECAM Alert:
DATA LINK ATSU FAULT

Ident.: ME-46-00008257.0005001 / 18 JUL 12

2
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 46-21-01 Air Traffic Service Unit (ATSU)

ECAM Alert:
DATA LINK COMPANY FAULT

Ident.: ME-46-00008258.0005001 / 21 NOV 17

3
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 46-21-05 COMPANY Datalink

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 46 - INFORMATION SYSTEMS
------------------------------------------------------	-------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 49 - AIRBORNE AUXILIARY POWER
------------------------------------------------------	------------------------------------------------------------

ECAM Alert: **APU AUTO(EMER) SHUT DOWN**

Ident.: ME-49-00008260.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 49-10-01 Power Plant (APU)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 49 - AIRBORNE AUXILIARY POWER
------------------------------------------------------	------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 52 - DOORS
------------------------------------------------------	-----------------------------------------

ECAM Alert: **DOOR FWD(AFT)(BULK) CARGO**

Ident.: ME-52-00008261.0001001 / 31 JAN 17

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	<i>Refer to Item 52-07-05 Cargo Door Indication on the DOOR/OXY SD page</i>

ECAM Alert: **DOOR L(R) AFT CABIN**

Ident.: ME-52-00008264.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	<i>Refer to Item 52-07-01 Cabin Door Permanently Indicated Open on the DOOR/OXY SD page</i>

ECAM Alert: **DOOR L(R) AFT EMER EXIT**

Ident.: ME-52-00008266.0002001 / 18 JUL 12

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	<i>Refer to Item 52-07-03 Cabin Overwing Exit Permanently Indicated Open on the DOOR/OXY SD page</i>

ECAM Alert: **DOOR L(R) EMER EXIT**

Ident.: ME-52-00008268.0002001 / 18 JUL 12

Applicable to: LY-COD

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 52 - DOORS
------------------------------------------------------	-----------------------------------------

Continued from the previous page

AIRCRAFT STATUS	CONDITION OF DISPATCH
False alert	Refer to Item 52-07-03 Cabin Overwing Exit Permanently Indicated Open on the DOOR/OXY SD page

ECAM Alert: DOOR L(R)(FWD)(AFT) AVIONICS

Ident.: ME-52-00008263.0001001 / 18 AUG 21

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	Refer to Item 52-07-06 Avionics Compartment Access Door Indication on the DOOR/OXY SD page

ECAM Alert: DOOR L(R) FWD CABIN

Ident.: ME-52-00008265.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	Refer to Item 52-07-01 Cabin Door Permanently Indicated Open on the DOOR/OXY SD page

ECAM Alert: DOOR L(R) FWD EMER EXIT

Ident.: ME-52-00008267.0001001 / 18 JUL 12

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	Refer to Item 52-07-03 Cabin Overwing Exit Permanently Indicated Open on the DOOR/OXY SD page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 70 - ENGINE
------------------------------------------------------	------------------------------------------

ECAM Alert: **ENG ALL ENGINES FAILURE**

Ident.: ME-70-00016089.0001001 / 27 NOV 15

1 Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

ECAM Alert: **ENG THR LEVERS NOT SET**

Ident.: ME-70-00008408.0004001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 73-20-01 Flex Takeoff Mode

ECAM Alert: **ENG REV SET**

Ident.: ME-70-00008409.0003001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

ECAM Alert: **ENG SAT ABOVE FLEX TEMP**

Ident.: ME-70-00014248.0003001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Apply ECAM procedure

ECAM Alert: **ENG THRUST LOCKED**

Ident.: ME-70-00008411.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 70 - ENGINE
------------------------------------------------------	------------------------------------------

ECAM Alert: **ENG TYPE DISAGREE**

Ident.: ME-70-00008415.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG VIB SYS FAULT**

Ident.: ME-70-00008416.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 77-07-02-05 N1 Vibration Indication on the ENGINE SD page or Refer to Item 77-07-02-06 N2 Vibration Indication on the ENGINE SD page

ECAM Alert: **ENG 1(2) A/C FADEC SUPPLY**

Ident.: ME-70-00008284.0001001 / 18 JUL 12

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 73-20-06 EEC ACFT 28V Power Supply

ECAM Alert: **ENG 1(2) AIR EXCHANGR FAULT**
AIR VALVE CLOSED

Ident.: ME-70-00008285.0001001 / 18 JUL 12

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 70 - ENGINE
------------------------------------------------------	------------------------------------------

ECAM Alert: **ENG 1(2) AIR EXCHANGR FAULT**
AIR VALVE OPEN

Ident.: ME-70-00008289.0001001 / 18 JUL 12
4 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 79-20-01 Air Cooled Oil Cooler (ACOC) Modulating Valve

ECAM Alert: **ENG 1(2) BEARING 4 OIL SYS**
HI PRESS

Ident.: ME-70-00008299.0001001 / 18 JUL 12
5 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG 1(2) BEARING 4 OIL SYS**
SCAVENGE VALVE FAULT

Ident.: ME-70-00008292.0001001 / 18 JUL 12
6 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 79-09-03 ENG 1(2) BEARING 4 OIL SYS Alert

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 70 - ENGINE
------------------------------------------------------	------------------------------------------

ECAM Alert: **ENG 1(2) BLEED STATUS FAULT**

Ident.: ME-70-00008302.0001001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
If this alert is displayed on the EWD before the first engine start, check that no amber cross is displayed on the <u>ENG</u> SD page for OIL TEMP indication of the affected engine. If an amber cross is displayed, the associated EIU may be the cause of the failure (associated engine start not possible).	Apply ECAM procedure.

ECAM Alert: **ENG 1(2) COMPRESSOR VANE**

Ident.: ME-70-00008303.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG 1+2 COMPRESSOR VANE**

Ident.: ME-70-00019348.0004001 / 14 JUN 16

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG 1(2) CTL VALVE FAULT**

Ident.: ME-70-00008305.0003001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ENTRIES 70 - ENGINE
------------------------------------------------------	------------------------------------------

ECAM Alert: **ENG 1(2) EGT(FF)(N1)(N2) DISCREPANCY**

Ident.: ME-70-00008311.0001001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG 1(2) EGT(EPR)(FF)(N1)(N2) DISCREPANCY**

Ident.: ME-70-00008311.0002001 / 18 JUL 12

8 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG 1(2) EGT EXCEEDED DURING AIR START**

Ident.: ME-70-00008306.0001001 / 18 JUL 12

9 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG 1(2) EIU FAULT**

Ident.: ME-70-00008308.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG 1(2) EPR MODE FAULT**

Ident.: ME-70-00008310.0001001 / 18 JUL 12

10 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 73-20-04 EPR Control Mode

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ECAM Alert: **ENG 1(2) FADEC A(B) FAULT**

Ident.: ME-70-00008313.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG 1(2) FADEC ALTERNATOR**

Ident.: ME-70-00008315.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG 1(2) FADEC FAULT**

Ident.: ME-70-00008317.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG 1(2) FADEC HI TEMP**

Ident.: ME-70-00008319.0001001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG 1(2) FADEC OVHT**

Ident.: ME-70-00008319.0003001 / 18 JUL 12

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

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ECAM Alert: **ENG 1(2) FADEC PLUG FAULT**

Ident.: ME-70-00008320.0001001 / 18 JUL 12
12 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG 1(2) FAIL**

Ident.: ME-70-00008321.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

ECAM Alert: **ENG 1(2) FUEL CTL FAULT**

Ident.: ME-70-00008323.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG 1(2) FUEL FILTER CLOG**

Ident.: ME-70-00008325.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	Refer to Item 73-09-01 ENG 1(2) FUEL FILTER CLOG Alert

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ECAM Alert: **ENG 1(2) FUEL HEAT SYS**

Ident.: ME-70-00008327.0002001 / 18 JUL 12

13 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG 1(2) FUEL RETURN VALVE**

Ident.: ME-70-00008329.0001001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 73-10-01 Fuel Return Valve

ECAM Alert: **ENG 1(2) FUEL VALVE FAULT**

Ident.: ME-70-00008331.0001001 / 18 JUL 12

14 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG 1(2) HOT FUEL**

Ident.: ME-70-00008333.0001001 / 18 JUL 12

15 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG 1(2) HP FUEL VALVE**

Ident.: ME-70-00008335.0001001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

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ECAM Alert: ENG 1(2) IGN A(B) FAULT

Ident.: ME-70-00008337.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	Refer to Item 74-31-01 Ignition System A or Refer to Item 74-31-02 Ignition System B
False alert	Refer to Item 74-09-01 ENG 1(2) IGN A(B)(A+B) FAULT Alert

ECAM Alert: ENG 1(2) IGN A+B FAULT

Ident.: ME-70-00008339.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	Refer to Item 74-09-01 ENG 1(2) IGN A(B)(A+B) FAULT Alert

ECAM Alert: ENG 1(2) LOW N1

Ident.: ME-70-00008342.0001001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: ENG 1(2) N1(N2)(EGT) OVER LIMIT

Ident.: ME-70-00008343.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

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ECAM Alert: **ENG 1(2) OIL FILTER CLOG**

Ident.: ME-70-00008346.0001001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	Refer to Item 79-09-02 ENG 1(2) OIL FILTER CLOG Alert

ECAM Alert: **ENG 1(2) OIL FILTER CLOG**

Ident.: ME-70-00008346.0002001 / 18 JUL 12

16Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG 1(2) OIL HI TEMP**

Ident.: ME-70-00008348.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG 1(2) OIL LO PR**

Ident.: ME-70-00008350.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
Actual alert	NO DISPATCH
False alert	Refer to Item 79-09-01 ENG 1(2) OIL LO PR Alert

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ECAM Alert: **ENG 1(2) OIL LO TEMP**

Ident.: ME-70-00008352.0001001 / 18 JUL 12

17 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Apply ECAM procedure.

ECAM Alert: **ENG 1(2) ONE TLA FAULT**

Ident.: ME-70-00008353.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 76-11-01 Thrust lever Position Sensor

ECAM Alert: **ENG 1(2) OVSPD PROT FAULT**

Ident.: ME-70-00008355.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG 1(2) PROBES FAULT**

Ident.: ME-70-00008358.0001001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG 1(2) REV INHIBITED**

Ident.: ME-70-00008360.0001001 / 18 JUL 12

18 Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 78-30-01 Thrust Reverser

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ECAM Alert: **ENG 1(2) REV ISOL FAULT**

Ident.: ME-70-00008361.0001001 / 18 JUL 12

19 Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 78-30-03 Thrust Reverser Shutoff Valve

ECAM Alert: **ENG 1(2) REV PRESSURIZED**

Ident.: ME-70-00008367.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG 1(2) REV SWITCH FAULT**

Ident.: ME-70-00008369.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 78-30-02 Thrust Reverser Inhibition Relay sw

ECAM Alert: **ENG 1(2) REVERSE UNLOCKED**

Ident.: ME-70-00008370.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG 1(2) REVERSER FAULT**

Ident.: ME-70-00008372.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Refer to Item 78-30-01 Thrust Reverser

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ECAM Alert: **ENG 1(2) SENSOR FAULT**

Ident.: ME-70-00008374.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG 1(2) SHUT DOWN**

Ident.: ME-70-00008376.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

ECAM Alert: **ENG 1(2) STALL**

Ident.: ME-70-00008378.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

ECAM Alert: **ENG 1(2) START FAULT**

Ident.: ME-70-00008379.0001001 / 03 MAY 17
Applicable to: LY-COD, LY-RAM

AIRCRAFT STATUS	CONDITION OF DISPATCH
If the associated THR LEVER NOT AT IDLE subtitle is displayed	Apply ECAM procedure.
NIL	Refer to FCOM/PRO-NOR-SUP-ENG Manual Engine Start - General

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ECAM Alert: **ENG 1(2) START FAULT**

Ident.: ME-70-00008379.0003001 / 03 MAY 17

20 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

AIRCRAFT STATUS	CONDITION OF DISPATCH
If the associated THR LEVER NOT AT IDLE subtitle is displayed	Apply ECAM procedure.
Dispatch is permitted if MAN start is successful, all engine parameters are normal and at least one auto start attempt is performed each day. This auto start attempt must show successful engine light-off (EGT rise).	<i>Refer to FCOM/PRO-NOR-SUP-ENG Manual Engine Start - General</i>

ECAM Alert: **ENG 1(2) START VALVE FAULT**

Ident.: ME-70-00008381.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	<i>Refer to Item 80-11-01 Start Valve</i>

ECAM Alert: **ENG 1(2) SYSTEM FAULT**

Ident.: ME-70-00008383.0001001 / 18 JUL 12

21 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert: **ENG 1(2) THR LEVER ABV IDLE**

Ident.: ME-70-00008387.0001001 / 18 JUL 12

Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	Not related to MEL

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ECAM Alert:
ENG 1(2) THR LEVER DISAGREE

Ident.: ME-70-00008389.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

ECAM Alert:
ENG 1(2) THR LEVER FAULT

Ident.: ME-70-00008391.0001001 / 18 JUL 12
Applicable to: ALL

AIRCRAFT STATUS	CONDITION OF DISPATCH
NIL	NO DISPATCH

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MEL ITEMS

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MI-PLP-TOC Approval Reference		1	Documentation update: The "TKA Approval Reference" table of content entry renamed in "TCA Approval Reference"
			Documentation update: The "TCA Approval Reference" table of content entry renamed in "TCA Approval Reference"
MI-PLP-TOC Air Cooling System		2	Documentation update: Deletion of "Air Conditioning Pack Ram Air Outlet Flap (00007504)".
			Documentation update: Deletion of "Air Conditioning Pack Ram Air Outlet Flap (00007504.0001001)".
			Documentation update: Deletion of "Air Conditioning Pack Ram Air Inlet Flap (00007503.0001001)".
MI-PLP-TOC Auto Flight Control Panel (FCU)		3	Documentation update: Deletion of "Selection Window (SPD-MACH, HDG-TRK, ALT, V/S-FPA) (00007557.0001001)".
MI-PLP-TOC EFIS Control Panel (FCU)		4	Documentation update: Deletion of "ILS (00007564.0001001)".
			Documentation update: Deletion of "ILS and FD pb light Bars (00007569.0001001)".
MI-PLP-TOC Speech Communication		5	Documentation update: Deletion of "HF Voice (00021776.9001002)".
			Documentation update: Deletion of "VHF Voice (3 VHF's installed) (00007589.0001001)".
MI-PLP-TOC Data Transmission and Automatic Calling		6	Documentation update: Deletion of "ACARS (If Installed) (00007593)".
			Documentation update: Deletion of "ACARS (If Installed) (00007593.0001001)".
			Documentation update: Deletion of "VHF Datalink (If Installed) (00021799.0001001)".
			Documentation update: The "VHF Datalink (If Installed)" table of content entry renamed in "VHF Datalink"
MI-PLP-TOC AC Auxiliary Generation		7	Documentation update: Deletion of "AC Auxiliary Generation (APU Generator, GCU or GAPCU Auxiliary Power Control function, Line Contactor) (00008440.0001001)".
MI-PLP-TOC Cargo Compartments		8	Documentation update: Deletion of "Sidewall Linings and Ceiling Panels in the FWD Cargo Compartment (00008550.9001002)".
			Documentation update: Deletion of "Sidewall Linings and Ceiling Panels in the AFT and the BULK Cargo Compartments (00024538.9001002)".
			Documentation update: The "Lining Panels in the AFT and BULK (If Installed) Lower Deck Cargo Compartments" table of content entry renamed in "Lining Panels in the AFT and BULK Lower Deck Cargo Compartments"
			Documentation update: The "Cargo Loading System (If Installed)" table of content entry renamed in "Cargo Loading System"

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MI-PLP-TOC Cabin Escape Facilities		9	Documentation update: The "Cabin Door Slide Pressure Message on the PTP/FAP (If Installed)" table of content entry renamed in "Cabin Door Slide Pressure Message on the PTP/FAP"
			Documentation update: The "Cabin Overwing Exit Slide Pressure Message on the PTP/FAP (If Installed)" table of content entry renamed in "Cabin Overwing Exit Slide Pressure Message on the PTP/FAP"
MI-PLP-TOC Lavatory Smoke Detection		10	Documentation update: Deletion of "Smoke Detection Control Unit (SDCU) (00008490.0001001)".
MI-PLP-TOC Aileron and Hydraulic Actuation		11	Documentation update: Deletion of "Left Aileron Blue Servo-Control (Controlled by ELAC 1) (00008312.0001001)".
			Documentation update: Deletion of "Left Aileron Green Servo-Control (Controlled by ELAC 2) (00008314.0001001)".
			Documentation update: Deletion of "Right Aileron Green Servo-Control (Controlled by ELAC 1) (00008316.0001001)".
			Documentation update: Deletion of "Right Aileron Blue Servo-Control (Controlled by ELAC 2) (00008318.0001001)".
MI-PLP-TOC Spoiler Hydraulic Actuation		12	Documentation update: Deletion of "Load Alleviation Function (LAF) (00008362)".
			Documentation update: Deletion of "Load Alleviation Function Accumulator (00008364)".
			Documentation update: Deletion of "Load Alleviation Function (LAF) (00008362.0003001)".
			Documentation update: Deletion of "Load Alleviation Function Accumulator (00008364.0003001)".
			Documentation update: Deletion of "Spoiler 5 (00008349.0001001)".
			Documentation update: Deletion of "Spoiler 2 or 4 (00008354.0001001)".
MI-PLP-TOC ELAC System (Elevator Aileron Computer)		13	Documentation update: Deletion of "ELAC 1 (00008385.0011001)".
MI-PLP-TOC SEC System (Spoiler and Elevator Computer)		14	Documentation update: Deletion of "SEC 1 (00008390.0003001)".
			Documentation update: Deletion of "SEC 2 (00008392.0003001)".
MI-PLP-TOC Main Hydraulic Power		15	Documentation update: Deletion of "Load Alleviation Function Accumulator (00008066)".
			Documentation update: Deletion of "Load Alleviation Function Accumulator (00008066.0001001)".

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Localization Title	Toc Index	ID	Reason
MI-PLP-TOC Air Data/Inertial Reference System (ADIRS)		16	Documentation update: Deletion of "IR 3 (for aircraft with Honeywell 10 MCU ADIRU) (00008554)".
MI-PLP-TOC GPWS, Radio Altimeter, TCAS, Weather Radar		17	Documentation update: Deletion of "Predictive Windshear Detection System (00007541.9001002)".
			Documentation update: Deletion of "PULL UP-G/S pb-sw (00008702.0003001)".
MI-PLP-TOC ATC and Radio/GPS Navigation Systems		18	Documentation update: Deletion of "Global Positioning System (GPS) (If Installed) (00008710.0001001)".
MI-PLP-TOC Controlling		19	Documentation update: Deletion of "Engine Thrust Bump/Boost (00008659)".
			Documentation update: Deletion of "Engine Bump (00008659.0002001)".
MI-00-01 TCA Approval Reference	A	1	04 December 2021 : Modification of content of the element 20807016.9001002
MI-00-01 TCA Approval Reference	A	1	Effectivity update: The information now applies to all ACN. Documentation update: Addition of "TCA Approval Reference" documentary unit
MI-00-01 TCA Approval Reference	A	2	Effectivity update: The information now applies to all ACN. Documentation update: Addition of "TCA Approval Reference" documentary unit
MI-00-01 MEL Approval Reference	B	3	12 September 2021 : Modification of content of the element 00010655.0001001
			14 September 2021 : Modification of content of the element 00010655.0001001
			04 December 2021 : Modification of content of the element 00010655.0001001
MI-23-20 23-20-04 VHF Datalink	A	2	12 September 2021 : Modification of content of the element 00021799.0002001
MI-23-99 23-99-01 Controller Pilot Data Link Communications, CPDLC	A	1	12 September 2021 : Modification of content of the element 20806750.9001001
MI-25-50 25-50-01 Cargo Loading System	A	1	28 October 2021 : Modification of content of the element 00008546.0001001
MI-25-50 25-50-04 Lining Panels in the FWD Lower Deck Cargo Compartment	D	3	Addition of a note in order to clarify which lining panels are covered by the item. The modification consists as well in the change of the item title from "Sidewall Linings and Ceiling Panels in the FWD Cargo Compartment" to "Lining Panels in the FWD Lower Deck Cargo Compartment" in order to harmonize the content with other Airbus programs.

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Localization Title	Toc Index	ID	Reason
			12 September 2021 : Modification of content of the element 00008550.0001001
MI-25-50 25-50-04 Lining Panels in the FWD Lower Deck Cargo Compartment	D	4	Addition of a note in order to clarify which lining panels are covered by the item. The modification consists as well in the change of the item title from "Sidewall Linings and Ceiling Panels in the FWD Cargo Compartment" to "Lining Panels in the FWD Lower Deck Cargo Compartment" in order to harmonize the content with other Airbus programs.
MI-25-50 25-50-04 Lining Panels in the FWD Lower Deck Cargo Compartment	D	5	Addition of a note in order to clarify which lining panels are covered by the item. The modification consists as well in the change of the item title from "Sidewall Linings and Ceiling Panels in the FWD Cargo Compartment" to "Lining Panels in the FWD Lower Deck Cargo Compartment" in order to harmonize the content with other Airbus programs.
MI-25-50 25-50-04 Lining Panels in the FWD Lower Deck Cargo Compartment	D	6	12 September 2021 : Modification of content of the element 00008550.9001002
MI-25-50 25-50-04 Lining Panels in the FWD Lower Deck Cargo Compartment	D	6	Effectivity update: The information now also applies to LY-RAM, LY-COD. Documentation update: Addition of "Lining Panels in the FWD Lower Deck Cargo Compartment" documentary unit
MI-25-50 25-50-04 Lining Panels in the FWD Lower Deck Cargo Compartment	D	7	Effectivity update: The information now also applies to LY-RAM, LY-COD. Documentation update: Addition of "Lining Panels in the FWD Lower Deck Cargo Compartment" documentary unit
MI-25-50 25-50-05 Lining Panels in the AFT and BULK Lower Deck Cargo Compartments	E	9	Addition of a note in order to clarify which lining panels are covered by the item. The modification consists as well in the change of the item title from "Sidewall Linings and Ceiling Panels in the AFT and the BULK (If Installed) Cargo Compartments" to "Lining Panels in the AFT and BULK (If Installed) Lower Deck Cargo Compartments" in order to harmonize the content with other Airbus programs. 12 September 2021 : Modification of content of the element 00024538.0001001
MI-25-50 25-50-05 Lining Panels in the AFT and BULK Lower Deck Cargo Compartments	E	10	Addition of a note in order to clarify which lining panels are covered by the item. The modification consists as well in the change of the item title from "Sidewall Linings and Ceiling Panels in the AFT and the BULK (If Installed) Cargo Compartments" to "Lining Panels in the AFT and BULK (If Installed) Lower Deck Cargo Compartments" in order to harmonize the content with other Airbus programs.

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MI-25-50 25-50-05 Lining Panels in the AFT and BULK Lower Deck Cargo Compartments	E	11	Addition of a note in order to clarify which lining panels are covered by the item. The modification consists as well in the change of the item title from "Sidewall Linings and Ceiling Panels in the AFT and the BULK (If Installed) Cargo Compartments" to "Lining Panels in the AFT and BULK (If Installed) Lower Deck Cargo Compartments" in order to harmonize the content with other Airbus programs.
MI-25-50 25-50-05 Lining Panels in the AFT and BULK Lower Deck Cargo Compartments	E	12	12 September 2021 : Modification of content of the element 00024538.9001003
			28 October 2021 : Modification of content of the element 00024538.9001003
MI-25-50 25-50-05 Lining Panels in the AFT and BULK Lower Deck Cargo Compartments	E	12	Effectivity update: The information now also applies to LY-RAM, LY-COD. Documentation update: Addition of "Lining Panels in the AFT and BULK Lower Deck Cargo Compartments" documentary unit
MI-25-50 25-50-05 Lining Panels in the AFT and BULK Lower Deck Cargo Compartments	E	13	Effectivity update: The information now also applies to LY-RAM, LY-COD. Documentation update: Addition of "Lining Panels in the AFT and BULK Lower Deck Cargo Compartments" documentary unit
MI-25-62 25-62-06 Cabin Door SLIDE PRESS LOW Message on the PTP STATUS Page	D	3	12 September 2021 : Modification of content of the element 00008563.0001001
MI-25-62 25-62-06 Cabin Door CHECK SLIDE PRESSURE Message on the FAP	E	4	12 September 2021 : Modification of content of the element 00008563.0002001
MI-25-62 25-62-07 Cabin Overwing Exit SLIDE PRESS LOW Message on the PTP STATUS Page	G	6	12 September 2021 : Modification of content of the element 00008565.0008001
MI-25-62 25-62-07 Cabin Overwing Exit CHECK SLIDE PRESSURE Message on the FAP	H	7	12 September 2021 : Modification of content of the element 00008565.0005001
MI-25-62 25-62-07 Cabin Overwing Exit CHECK SLIDE PRESSURE Message on the FAP	H	8	12 September 2021 : Modification of content of the element 00008565.0003001
MI-26-17 26-17-01 Lavatory Smoke Detection System	A	2	12 September 2021 : Modification of content of the element 00008489.0001001

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MI-26-17 26-17-01 Lavatory Smoke Detection System	A	3	12 September 2021 : Modification of content of the element 00008489.0002001
MI-29-10 29-10-10 Hydraulic Reservoir Drain Valve	I	1	28 October 2021 : Modification of content of the element 00024284.0001001
MI-34-05 34-05-10 Radio Nav aids Indications on the PFD	J	2	04 December 2021 : Modification of content of the element 00021863.0001001
MI-34-06 34-06-06 Radio Nav aids Indications on the ND	F	1	12 September 2021 : Modification of content of the element 00008725.0001001
MI-34-06 34-06-06 Radio Nav aids Indications on the ND	F	2	Removal of the "Refer to MMEL Item GPS" as there is no GPS raw data displayed on the ND, nor on the PFD. Documentation update: Deletion of text.
MI-34-06 34-06-06 Radio Nav aids Indications on the ND	F	3	12 September 2021 : Modification of content of the element 00008725.0002001
MI-34-22 34-22-01 Standby Compass Indicator	A	2	25 November 2021 : Modification of content of the element 00008615.0001001
MI-34-22 34-22-01 Standby Compass Indicator	A	3	25 November 2021 : Modification of content of the element 00008615.0004001
MI-34-22 34-22-03 Standby Horizon Indicator	C	5	25 November 2021 : Modification of content of the element 00008617.0001001
MI-34-23 34-23-04 ISIS Attitude Indication	D	1	25 November 2021 : Modification of content of the element 00008621.0001001
MI-34-40 34-40-06 Weather Radar System	F	3	12 September 2021 : Modification of content of the element 00008701.0001001
MI-34-40 34-40-06 Weather Radar System	F	4	12 September 2021 : Modification of content of the element 00008701.0002001
MI-34-40 34-40-07 Predictive Windshear Detection System	G	6	12 September 2021 : Modification of content of the element 00007541.0001001
MI-34-40 34-40-07 Predictive Windshear Detection System	G	7	12 September 2021 : Modification of content of the element 00007541.0002001
MI-34-50 34-50-07 DDRMI	F	2	13 September 2021 : Modification of content of the element 00008708.0001001
MI-34-50 34-50-09 Global Positioning System (GPS)	G	3	28 October 2021 : Modification of content of the element 00008710.0002001

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MI-34-50 34-50-09 Global Positioning System (GPS)	G	4	28 October 2021 : Modification of content of the element 00008710.9001002 Documentation update: Addition of "Global Positioning System (GPS)" documentary unit 28 October 2021 : Modification of content of the element 00008710.9001002
MI-34-50 34-50-09 Global Positioning System (GPS)	G	4	28 October 2021 : Modification of content of the element 00008710.9001002 Documentation update: Addition of "Global Positioning System (GPS)" documentary unit
MI-34-50 34-50-10 ADS-B OUT Function	H	6	Documentation update: Deletion of information.
MI-34-50 34-50-10 ADS-B OUT Function	H	7	The dispatch case "Required for the intended route" is split into 2 conditions "out of Single European Sky" (34-50-10B - repair interval C) and "in Single European Sky" (34-50-10C - repair interval A) in order to take into account the requirements related to the Commission Implementing Regulation (EU) 2020/587.
MI-34-50 34-50-10 ADS-B OUT Function	H	8	The dispatch case "Required for the intended route" is split into 2 conditions "out of Single European Sky" (34-50-10B - repair interval C) and "in Single European Sky" (34-50-10C - repair interval A) in order to take into account the requirements related to the Commission Implementing Regulation (EU) 2020/587.
MI-34-50 34-50-10 ADS-B OUT Function	H	9	28 October 2021 : Modification of content of the element 00015320.9001002 Documentation update: Addition of "ADS-B OUT Function" documentary unit
MI-34-50 34-50-10 ADS-B OUT Function	H	9	28 October 2021 : Modification of content of the element 00015320.9001002 Documentation update: Addition of "ADS-B OUT Function" documentary unit
MI-00-01 TCA Approval Reference	A	1	Effectivity update: The information now applies to all ACN. Documentation update: Addition of "TCA Approval Reference" documentary unit
MI-00-01 TCA Approval Reference	A	2	Effectivity update: The information now applies to all ACN. Documentation update: Addition of "TCA Approval Reference" documentary unit
MI-21-00 21-00-01 PACK 1(2) MAINTENANCE Message	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-21-00	B	2	Effectivity update: The information no longer applies to MSN 00415.

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21-00-02 ZONE CONT MAINTENANCE Message			
MI-21-51 21-51-01 Pack Flow Control Valve	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-21-52 21-52-01 Air Conditioning Pack	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-21-52 21-52-02 Air Conditioning Pack Ram Air Inlet Flap	B	2	Effectivity update: The information now applies to all ACN.
MI-21-61 21-61-02 Pack Controller Primary Channel	B	1	Effectivity update: The information no longer applies to MSN 00415.
MI-21-63 21-63-01 Zone Controller Channel	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-21-63 21-63-02 Cockpit and Cabin Trim Air Valve	B	2	Effectivity update: The information no longer applies to MSN 00415.
MI-21-63 21-63-03 Hot Air Pressure Regulating Valve	C	3	Effectivity update: The information no longer applies to MSN 00415.
MI-22-70 22-70-01 Flight Management System (FMS)	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-22-81-01 22-81-01-09 Selection Window (SPD-MACH, HDG-TRK, ALT, V/S-FPA)	I	1	Effectivity update: The information now applies to all ACN.
MI-22-81-02 22-81-02-10 LS and FD pb light Bars	J	1	Effectivity update: The information now applies to all ACN.
MI-22-81-03 22-81-03-01 FCU Channel	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-22-83 22-83-01 Flight Management and Guidance Computer (FMGC)	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-23-10 23-10-01 HF Voice	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-23-10 23-10-02 VHF Voice (3 VHF's installed)	C	2	Effectivity update: The information now applies to all ACN. The information no longer applies to all ACN.
MI-23-13	A	1	Effectivity update: The information no longer applies to MSN 00415.

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23-13-01 Radio Management Panel (RMP)			
MI-23-20 23-20-04 VHF Datalink	A	1	Effectivity update: The information now applies to all ACN.
MI-23-73-01 23-73-01-01 Cabin Intercommunication Data System (CIDS) Function	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-23-73-03 23-73-03-01 Cabin DEU B	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-23-74 23-74-01 Forward Attendant Panel	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-23-74 23-74-12 CIDS Caution Light of the Forward Attendant Panel	M	2	Effectivity update: The information no longer applies to MSN 00415.
MI-23-74 23-74-13 Lighting Module of the Forward Attendant Panel	N	3	Effectivity update: The information no longer applies to MSN 00415.
MI-24-01-01 24-01-01-09 GALLEY pb-sw FAULT light	I	1	Effectivity update: The information no longer applies to MSN 00415.
MI-24-01-01 24-01-01-10 GALLEY pb-sw OFF light	K	2	Effectivity update: The information no longer applies to MSN 00415.
MI-24-09 24-09-01 ELEC AC ESS BUS SHED Alert	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-24-22 24-22-01 AC Main Generation (IDG, GCU, Line Contactor)	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-24-23 24-23-01 AC Auxiliary Generation (APU Generator, GCU or GAPCU Auxiliary Power Control function, Line Contactor)	A	1	Effectivity update: The information now applies to all ACN.
MI-24-26 24-26-01 Galley Automatic Load Shed System	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-24-26 24-26-02 Galley Manual Load Shed System (GALLEY pb-sw)	C	2	Effectivity update: The information no longer applies to MSN 00415.

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MI-24-32 24-32-01 DC Main Generation (TR 1, TR 2)	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-25-07 25-07-04 Cabin Overwing Exit Slide Permanently Indicated Not Armed on the DOOR/OXY SD page	D	1	Effectivity update: The information no longer applies to MSN 00415.
MI-25-12 25-12-06 Fourth Occupant Seat	F	1	Effectivity update: The information no longer applies to MSN 00415.
MI-25-12 25-12-07 Fourth Occupant Seat Shoulder Harness	G	2	Effectivity update: The information no longer applies to MSN 00415.
MI-25-12 25-12-08 Fourth Occupant Seat Abdominal Belt	H	3	Effectivity update: The information no longer applies to MSN 00415.
MI-25-50 25-50-04 Lining Panels in the FWD Lower Deck Cargo Compartment	D	2	Effectivity update: The information no longer applies to all ACN.
MI-25-50 25-50-04 Lining Panels in the FWD Lower Deck Cargo Compartment	D	6	Effectivity update: The information now also applies to LY-RAM, LY-COD. Documentation update: Addition of "Lining Panels in the FWD Lower Deck Cargo Compartment" documentary unit
MI-25-50 25-50-04 Lining Panels in the FWD Lower Deck Cargo Compartment	D	7	Effectivity update: The information now also applies to LY-RAM, LY-COD. Documentation update: Addition of "Lining Panels in the FWD Lower Deck Cargo Compartment" documentary unit
MI-25-50 25-50-05 Lining Panels in the AFT and BULK Lower Deck Cargo Compartments	E	8	Effectivity update: The information no longer applies to all ACN.
MI-25-50 25-50-05 Lining Panels in the AFT and BULK Lower Deck Cargo Compartments	E	12	Effectivity update: The information now also applies to LY-RAM, LY-COD. Documentation update: Addition of "Lining Panels in the AFT and BULK Lower Deck Cargo Compartments" documentary unit
MI-25-50 25-50-05 Lining Panels in the AFT and BULK Lower Deck Cargo Compartments	E	13	Effectivity update: The information now also applies to LY-RAM, LY-COD. Documentation update: Addition of "Lining Panels in the AFT and BULK Lower Deck Cargo Compartments" documentary unit
MI-25-62 25-62-02 Cabin Overwing Exit Slide	B	1	Effectivity update: The information no longer applies to MSN 00415.

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MI-25-62 25-62-06 Cabin Door SLIDE PRESS LOW Message on the PTP STATUS Page	D	2	Effectivity update: The information no longer applies to MSN 00415.
MI-25-62 25-62-07 Cabin Overwing Exit SLIDE PRESS LOW Message on the PTP STATUS Page	G	5	Effectivity update: The information no longer applies to MSN 00415.
MI-26-00 26-00-01 SDCU MAINTENANCE Message	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-26-01-02 26-01-02-01 CARGO SMOKE DISCH/BTL light	A	1	Effectivity update: The information now applies to all ACN.
MI-26-17 26-17-01 Lavatory Smoke Detection System	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-26-23 26-23-02 Squib of the FWD Cargo Bottle 1	B	1	Effectivity update: The information now applies to all ACN.
MI-26-23 26-23-03 Squib of the AFT/BULK  Cargo Bottle 1	C	2	Effectivity update: The information now applies to all ACN.
MI-27-14 27-14-01 Left Aileron Blue Servo-Control (Controlled by ELAC 1)	A	1	Effectivity update: The information now applies to all ACN.
MI-27-14 27-14-02 Left Aileron Green Servo-Control (Controlled by ELAC 2)	B	2	Effectivity update: The information now applies to all ACN.
MI-27-14 27-14-03 Right Aileron Green Servo-Control (Controlled by ELAC 1)	C	3	Effectivity update: The information now applies to all ACN.
MI-27-14 27-14-04 Right Aileron Blue Servo-Control (Controlled by ELAC 2)	D	4	Effectivity update: The information now applies to all ACN.
MI-27-64 27-64-01 Spoiler 5	A	1	Effectivity update: The information now applies to all ACN.
MI-27-64 27-64-03 Spoiler 2 or 4	C	2	Effectivity update: The information now applies to all ACN.
MI-27-64 27-64-05 Spoilers 3 and 4	E	3	Effectivity update: The information now applies to all ACN.

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MI-27-92 27-92-04 Sidestick Dual Input Visual Warnings	D	1	Effectivity update: The information now applies to all ACN.
MI-27-93 27-93-01 ELAC 1	A	1	Effectivity update: The information now applies to all ACN.
MI-27-94 27-94-01 SEC 1	A	1	Effectivity update: The information now applies to all ACN.
MI-27-94 27-94-02 SEC 2	B	2	Effectivity update: The information now applies to all ACN.
MI-28-21 28-21-01 Wing Tank Pump	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-28-43 28-43-02 Fuel Quantity Attitude Monitor	B	1	Effectivity update: The information no longer applies to MSN 00415.
MI-29-07 29-07-08 System Pressure Indication on the HYD SD page	H	1	Effectivity update: The information no longer applies to MSN 00415.
MI-29-09 29-09-04 HYD G(B)(Y) RSVR LO AIR PR Alert	D	1	Effectivity update: The information no longer applies to MSN 00415.
MI-30-21 30-21-01 Engine Anti-Ice Valve	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-30-81 30-81-03 Lighting of External Visual Icing Indicator	B	1	Effectivity update: The information now applies to all ACN.
MI-31-07 31-07-02 Permanent Data (TAT, SAT, GLOAD - ALT SEL, UTC, GW) Indications on the SD	B	1	Effectivity update: The information no longer applies to MSN 00415.
MI-31-38 31-38-01 DATA LOADING selector	A	1	Effectivity update: The information now applies to all ACN.
MI-31-38 31-38-02 Data Loading Routing Box (DLRB)	B	2	Effectivity update: The information now applies to all ACN.
MI-31-38 31-38-03 Multipurpose Disk Drive Unit (MDDU)	C	3	Effectivity update: The information now applies to all ACN.
MI-31-62 31-62-01 DMC 1	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-31-62 31-62-02 DMC 2	B	2	Effectivity update: The information no longer applies to MSN 00415.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS PRELIMINARY PAGES - SUMMARY OF HIGHLIGHTS
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Continued from the previous page

Localization Title	Toc Index	ID	Reason
MI-31-62 31-62-03 DMC 3	C	3	Effectivity update: The information no longer applies to MSN 00415.
MI-31-63 31-63-05 SDU	E	1	Effectivity update: The information no longer applies to MSN 00415.
MI-32-07 32-07-08 ANTI SKID Indication on the WHEEL SD page	G	1	Effectivity update: The information no longer applies to MSN 00415.
MI-32-42 32-42-06 Tachometer	F	1	Effectivity update: The information no longer applies to MSN 00415.
MI-32-42 32-42-07 Nose Landing Gear Wheel Brake Pad	G	2	Effectivity update: The information no longer applies to MSN 00415.
MI-32-44 32-44-02 ACCU PRESS Indicator	B	1	Effectivity update: The information no longer applies to MSN 00415.
MI-33-51 33-51-07 Floor Proximity Emergency Escape Path Marking System Exit Marker	F	1	Effectivity update: The information no longer applies to MSN 00415.
MI-33-51 33-51-12 BAT TEST pb on the PTP	K	2	Effectivity update: The information no longer applies to MSN 00415.
MI-33-51 33-51-13 SYS TEST pb on the PTP	L	3	Effectivity update: The information no longer applies to MSN 00415.
MI-34-05 34-05-02 Mach Number Indication on the PFD	B	1	Effectivity update: The information no longer applies to MSN 00415.
MI-34-10 34-10-05 IR 2	E	1	Effectivity update: The information no longer applies to MSN 00415.
MI-34-21 34-21-01 Standby ALT Indicator	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-34-21 34-21-02 Bugs on the Standby ALT Indicator	B	2	Effectivity update: The information no longer applies to MSN 00415.
MI-34-21 34-21-03 Standby IAS Indicator	C	3	Effectivity update: The information no longer applies to MSN 00415.
MI-34-21 34-21-04 Bugs on the Standby IAS Indicator	D	4	Effectivity update: The information no longer applies to MSN 00415.
MI-34-22 34-22-01 Standby Compass Indicator	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-34-22 34-22-03 Standby Horizon Indicator	C	4	Effectivity update: The information no longer applies to MSN 00415.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS PRELIMINARY PAGES - SUMMARY OF HIGHLIGHTS
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Continued from the previous page

Localization Title	Toc Index	ID	Reason
MI-34-30 34-30-04 Instrument Landing System (ILS)	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-34-40 34-40-04 Radio Altimeter System	D	1	Effectivity update: The information no longer applies to MSN 00415.
MI-34-40 34-40-06 Weather Radar System	F	2	Effectivity update: The information no longer applies to MSN 00415.
MI-34-40 34-40-07 Predictive Windshear Detection System	G	5	Effectivity update: The information no longer applies to MSN 00415.
MI-34-50 34-50-07 DDRMI	F	1	Effectivity update: The information no longer applies to MSN 00415.
MI-34-50 34-50-09 Global Positioning System (GPS)	G	5	Effectivity update: The information now also applies to LY-OWL, LY-ELK, LY-EMU, LY-COD, LY-RAM.
MI-34-50 34-50-10 ADS-B OUT Function	H	10	Effectivity update: The information now also applies to LY-OWL, LY-ELK, LY-EMU, LY-COD, LY-RAM.
MI-36-09 36-09-01 AIR APU BLEED LEAK Alert	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-36-11 36-11-01 Engine Bleed Air Supply System	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-36-11 36-11-08 Bleed Monitoring Computer (BMC)	H	2	Effectivity update: The information no longer applies to MSN 00415.
MI-36-22 36-22-01 Pylon Leak Detection System	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-36-22 36-22-03 APU Leak Detection Loop	C	2	Effectivity update: The information no longer applies to MSN 00415.
MI-46-21 46-21-01 Air Traffic Service Unit (ATSU)	A	1	Effectivity update: The information now applies to all ACN.
MI-52-07 52-07-03 Cabin Overwing Exit Permanently Indicated Open on the DOOR/OXY SD page	C	1	Effectivity update: The information no longer applies to MSN 00415.
MI-52-07	D	2	Effectivity update: The information no longer applies to MSN 00415.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS PRELIMINARY PAGES - SUMMARY OF HIGHLIGHTS
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Continued from the previous page

Localization Title	Toc Index	ID	Reason
52-07-04 Cabin Overwing Exit Permanently Indicated Closed on the DOOR/OXY SD page			
MI-73-07 73-07-01 F. USED Indication on the ENGINE SD page	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-73-08 73-08-01 Fuel Flow Indication on the EWD	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-73-10 73-10-04 Engine HP Fuel Valve	C	1	Effectivity update: The information no longer applies to MSN 00415.
MI-73-20 73-20-04 EPR Control Mode	B	1	Effectivity update: The information no longer applies to MSN 00415.
MI-73-20 73-20-06 EEC ACFT 28V Power Supply	D	2	Effectivity update: The information no longer applies to MSN 00415.
MI-74-09 74-09-01 ENG 1(2) IGN A(B)(A+B) FAULT Alert	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-74-31 74-31-01 Ignition System A	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-77-08 77-08-02 EPR Indication on the EWD	B	1	Effectivity update: The information no longer applies to MSN 00415.
MI-78-08 78-08-01 REV Indication on the EWD	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-78-30 78-30-01 Thrust Reverser	A	1	Effectivity update: The information no longer applies to MSN 00415.
MI-78-30 78-30-03 Thrust Reverser Shutoff Valve	C	2	Effectivity update: The information now applies to all ACN.
MI-79-07 79-07-02 Oil Pressure Indication and Advisory on the ENGINE SD page	B	1	Effectivity update: The information no longer applies to MSN 00415.
MI-79-09 79-09-03 ENG 1(2) BEARING 4 OIL SYS Alert	C	1	Effectivity update: The information no longer applies to MSN 00415.
MI-79-20 79-20-01 Air Cooled Oil Cooler (ACOC) Modulating Valve	A	1	Effectivity update: The information no longer applies to MSN 00415.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS PRELIMINARY PAGES - SUMMARY OF HIGHLIGHTS
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 00 - PREAMBLE 00-01 - Approval Reference
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TCA APPROVAL REFERENCE

<div><div>1</div><div>Ident.: MI-00-01-20807016.9001002 / 03 DEC 21</div></div> <div><div>2</div><div>Applicable to: ALL</div></div>

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 00 - PREAMBLE 00-01 - Approval Reference
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MEL APPROVAL REFERENCE

Ident.: MI-00-01-00010655.0001001 / 03 DEC 21
Applicable to: ALL

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 00 - PREAMBLE 00-02 - Introduction to the MEL
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CONTENT OF THE MEL

Ident.: MI-00-02-20800034.9001001 / 13 MAY 20

Applicable to: ALL

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 00 - PREAMBLE 00-02 - Introduction to the MEL
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 00 - PREAMBLE 00-03 - Criteria for Dispatch
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CRITERIA FOR DISPATCH

Ident.: MI-00-03-00012617.0001001 / 03 MAR 21

Applicable to: ALL

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 00 - PREAMBLE 00-03 - Criteria for Dispatch
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div> <p>MEL ITEMS 00 - PREAMBLE 00-03 - Criteria for Dispatch</p> </div>
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- Commander has to enter authorized items into ATL and HIL page as per example below with indicated MEL ref, MEL category, discovery date, rectification limit and signatures. If possible, Commander must forward copy of photo of ATL and HIL entry before next flight.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 00 - PREAMBLE 00-03 - Criteria for Dispatch
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 00 - PREAMBLE 00-04 - Maintenance Action
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MAINTENANCE ACTION

Ident.: MI-00-04-00012619.0001001 / 03 MAR 21

Applicable to: ALL

Every effort shall be made by the maintenance to correct all technical defects as early as practicable and that the aircraft be released from a maintenance station in fully operational condition. The Commander must be informed by the maintenance as soon as practicable, should it be impossible to rectify the inoperative item before the dispatch.

Whenever an aircraft is released by the maintenance for dispatch with items inoperative, the following is required:

- The Hold Item List (HIL) aboard the aircraft must contain a detailed description of the inoperative item(s), special advice to the flight crew, if necessary, and information about corrective action taken.
- In Aircraft Technical Log (ATL) make the entries with identification the inoperative item(s) with HIL number
- When they are accessible to the crew in flight, the control(s), and/or indicator(s) related to inoperative system(s), function(s) or component(s) must be clearly placarded.

- Note:
1. *To the extent practical, placards should be located adjacent to the control or indicator for the item affected.*
 2. *If inadvertent operation could produce a hazard, such equipment must be rendered inoperative (physically) as given in the appropriate Maintenance Procedure.*
 3. *The relevant Operational Procedures are contained in the MEL.*
 4. *The relevant Maintenance Procedures are contained in the Aircraft Maintenance Manual.*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 00 - PREAMBLE 00-04 - Maintenance Action
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>00 - PREAMBLE</div> <div>00-05 - Repair Interval</div>
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REPAIR INTERVAL

Ident.: MI-00-05-00012620.0001001 / 03 MAR 21

Applicable to: ALL

Inoperative items, deferred in accordance with the MEL, must be rectified at or before the expiration of the repair interval that is established by the following letter designators given in the "Repair Interval" column.

Repair Interval A

:

No standard interval is specified, however, items in this category shall be rectified in accordance with the dispatch conditions stated in the MEL.

Where a time period is specified in calendar days, it shall start at 00:01 on the calendar day following the day of discovery.

Where a time period is specified in number of flights or flight hours, it shall start at the beginning of the first flight following the discovery of the failure.

Repair Interval B

:

Items in this category shall be rectified within three (3) consecutive calendar days, excluding the day of discovery.

For example, if it were recorded at 13:00 on January 26th, the 3-day interval begins at 00:01 on January 27th and ends at 23:59 on January 29th.

Repair Interval C

:

Items in this category shall be rectified within ten (10) consecutive calendar days, excluding the day of discovery.

For example, if it were recorded at 13:00 on January 26th, the 10-day interval begins at 00:01 on January 27th and ends at 23:59 on February 5th.

Repair Interval D

:

Items in this category shall be rectified within one hundred and twenty (120) consecutive calendar days, excluding the day of discovery.

Note:

Commander has to inspect the ATL and ensure that intended flight is not adversely affected by any outstanding deferred defects and that no required maintenance action is overdue of will become due during the flight.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 00 - PREAMBLE 00-05 - Repair Interval
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 00 - PREAMBLE 00-06 - Repair Interval Extension
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REPAIR INTERVAL EXTENSION

Ident.: MI-00-06-00012621.0001001 / 03 MAR 21 Applicable to: ALL

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 00 - PREAMBLE 00-06 - Repair Interval Extension
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 00 - PREAMBLE 00-07 - Definitions
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DEFINITIONS

Ident.: MI-00-07-00012622.9001001 / 03 MAR 21

Applicable to: ALL

ACMS	:	Aircraft Conditioning Monitoring System.
AFM	:	Aircraft Flight Manual.
AIDS	:	Aircraft Intergraded Data System.
AMM	:	Aircraft Maintenance Manual.
As required by regulations	:	The listed item must comply with applicable Operational regulations.
Brake Release	:	When an aircraft on a runway applies take-off thrust for take-off.
CAME	:	Continuing Airworthiness Management Exposition.
Calendar day	:	A 24 hour period from 00:01 to 23:59 based on UTC time.
Centralized Fault Display: System (CFDS)	:	It identifies the faulty system for maintenance purpose and is not required for dispatch of the aircraft.
CFDIU	:	Centralised Fault Data Interface Unit.
Commencement of flight	:	The point when an aircraft begins to move under its own power for the purpose of preparing to take-off.
Considered inoperative	:	<p>The listed item of equipment must be treated as inoperative.</p> <p>For example, MEL item 36-11-05 Bleed Air Precooler indicates that associated bleed air supply system is considered inoperative and therefore MEL item 36-11-01 Bleed Air Supply System must be applied. Therefore, the “considered inoperative” MEL item must also be entered and the associated dispatch conditions must be applied, including the respective (o) and (m) procedures if any.</p> <p>The “considered inoperative” item shall not be used or operated until the original deferred item is repaired.</p> <p>The shorter rectification interval between the initial inoperative item and the “considered inoperative” item shall be applied.</p>
... provided that system X is not used	:	<p>Crew members should not activate, actuate, or otherwise utilise the system X under normal operations. It is not necessary for the operator to accomplish the (m) procedure associated with the system X item. However, operations-related provisions, (o) procedures must be complied with. An additional placard must be affixed, to the extent practical, adjacent to the control or indicator for the system that is not used to inform crew members that the system is not to be used under normal operations.</p>

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 00 - PREAMBLE 00-07 - Definitions
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DAR	:	Digital AIDS Recorder.
Date of Discovery	:	The calendar day that the failure has been recorded in the aircraft technical log from flight crew and/or maintenance whichever happens first.
DMU	:	Data Management Unit.
Daylight operations	:	Period between the beginning of the morning civil twilight and the end of the evening civil twilight relevant to the local aeronautical airspace; or such other period, as may be prescribed by the appropriate Authority.
EFB	:	Electronic Flight Bag.
ETOPS	:	Extended Range Twin Engined Aircraft Operations.
Extended Overwater Flight	:	<p><u>On routes where the aircraft may be over water and at more than a distance from land suitable for making an emergency landing corresponding to:</u></p> <ol style="list-style-type: none"> 1. 120 minutes at cruising speed or 740 km (400 nm), whichever is the lesser, applicable to aircraft able to fly to and land at a suitable airport, without flying below minimum flight altitude at any point, in case one engine becomes inoperative at any point along the route; 2. 35 minutes at cruise speed or 185 km (100 nm), whichever is the lesser, applicable to aircraft unable to comply with the engine inoperative requirements outlined in 1) above.
FDIMU	:	Flight Data Interface Management Unit.
FDIU	:	Flight Data Interface Unit.
FDM	:	Flight Data Monitoring.
Flammable or combustible material	:	<p>Material which is capable of catching fire and burning.</p> <p>Where loading of flammable or combustible material is prohibited, no material may be loaded except the following: cargo handling equipment (Unloaded, empty or with ballast), fly away kits (excluding e.g. cans of hydraulic fluid, cleaning solvents, batteries, capacitors, chemical generators, etc.), and in-flight service material (Return catering - only closed catering trolleys/boxes, no newspapers, no alcohol or duty free goods).</p> <p><i><u>Note:</u> If serviceable tires are included, they should only be inflated to a minimum pressure that preserves their serviceability.</i></p>

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 00 - PREAMBLE 00-07 - Definitions
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Flight	:	For the purpose of an MEL, one “flight” is defined as the period of time that begins the moment at which an aircraft begins to move by its own means in preparation for takeoff, continues during takeoff and the applicable flight phases, and ends when the aircraft lands and comes to a complete stop in its parking area.
Icing Conditions	:	<i>Refer to AFM/AFM/LIM-GEN Icing Conditions Definition.</i>
Inoperative	:	<p>The listed item of equipment is unserviceable or malfunctioning to the extent that it does not accomplish its intended purpose, or is not consistently functioning within its designed operating limits or tolerances.</p> <p>Some systems have been designed to be fault tolerant and are monitored by digital computers which transmit fault messages to the CFDS. The presence of this category of fault messages does not mean that the system is inoperative.</p>
iPad	:	Electronic device - tablet. Trademark of Inc. Apple.
MCC	:	Maintenance Control Centre.
MOE	:	Maintenance Organization Exposition.
OFF-Block	:	When the aircraft physically leaves the gate either via push-back or on its own power for the purpose of taking-off.
Operator		
Passenger Convenience items	:	<p>Those items related to passenger convenience, comfort or entertainment such as, but not limited to, galley equipment, movie equipment, ash trays, overhead reading lamps, etc.</p> <p><i><u>Note:</u> The internal lavatory door ash trays are not considered a convenience items.</i></p>
Placard	:	Each inoperative item notified with “placard” must have placard to inform and remind the crew members and maintenance personnel of the equipment condition. To the extent practical, placards should be located adjacent to the control or indicator for the item affected.
... provided that system X is operative	:	The system X must not be reported to be inoperative in the logbook.
Remote areas	:	Areas in which search and rescue would be especially difficult.
... provided that system X is checked operative	:	The system X must be checked and confirmed operative via either an (o) and/or an (m) procedure.
QAR	:	Quick Access Recorder.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>00 - PREAMBLE</div> <div>00-07 - Definitions</div>
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- Required cabin attendant: seat

A seat in the aeroplane cabin which meets the following conditions:

 - Where the certification of the cabin requires this seat to be occupied by a qualified cabin crew member as specified in the Operations Manual, and
 - This seat is a part of the station to which a qualified cabin crew member is to be assigned for the flight, and
 - The qualified cabin crew member assigned to the station is a member of the minimum cabin crew designated for the flight.
- RVSM

:

Reduced Vertical Separation Minimum.
- “VMC” (Visual Meteorological Conditions)

:

Under IFR or VFR the crew must maintain Visual Meteorological Conditions.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 00 - PREAMBLE 00-08 - ECAM and MAINTENANCE STATUS</p>
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ECAM AND MAINTENANCE STATUS

Ident.: MI-00-08-00012623.0017001 / 03 MAR 21

Applicable to: ALL

ECAM

The A320 Family aircraft is equipped with the Electronic Centralized Aircraft Monitoring (ECAM) which provides different levels of aircraft systems monitoring messages:

- ECAM warning
- ECAM advisory
- ECAM caution
- ECAM memo.

ECAM warning and ECAM caution messages are listed in the "MEL Entries" section.

ECAM advisory and ECAM memo messages are not listed in the "MEL Entries" section.

HANDLING OF MAINTENANCE MESSAGES ON THE STATUS SD page

Dispatch with MAINTENANCE messages displayed on the STATUS SD page SD page is permitted without condition except for the following message:

- Dispatch with MAINTANANCE messages displayed on the STATUS SD pageSD page is permitted without condition except for the following message:

AIR BLEED: *Refer to Item 36-00-01 AIR BLEED MAINTENANCE Message.*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 00 - PREAMBLE 00-08 - ECAM and MAINTENANCE STATUS
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 00 - PREAMBLE 00-09 - MEL Items depending on Local Regulations</p>
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MEL ITEMS DEPENDING ON LOCAL REGULATIONS

Ident.: MI-00-09-00022065.0001001 / 27 MAY 21

Applicable to: ALL

The dispatch conditions for the here below MEL items have been based on EASA Operational Requirements.
For those listed MEL items, Operational requirements may vary from a non EASA member State.

List of MEL items that may be subject to different Operational requirements from the EASA one:

- *Refer to Item 22-60-03 Reactive Windshear Detection Function*
- *Refer to Item 22-70-02 Navigation Database*
- *Refer to Item 23-01-01-32 CVR ERASE pb*
- *Refer to Item 23-10-01 HF Voice*
- *Refer to Item 23-10-02 VHF Voice*
- *Refer to Item 23-20-04 VHF Datalink*
- *Refer to Item 23-51-02 Headset/Boomset*
- *Refer to Item 23-71-01 Cockpit Voice Recorder (CVR)*
- *Refer to Item 23-72-01 Cockpit Door Surveillance System (CDSS)*
- *Refer to Item 25-07-02B Cabin Door Slide Permanently Indicated Not Armed on the DOOR/OXY SD page*
- *Refer to Item 25-07-04B Cabin Overwing Exit Slide Permanently Indicated Not Armed on the DOOR/OXY SD page*
- *Refer to Item 25-20-01 Passenger Seat*
- *Refer to Item 25-20-02 Passenger Seat Backrest*
- *Refer to Item 25-20-03 Passenger Seat Belt*
- *Refer to Item 25-20-05 Passenger Seat Armrest*
- *Refer to Item 25-20-06 Underseat Baggage Restraining Bar*
- *Refer to Item 25-62-01 Cabin Door Slide or Slide Raft*
- *Refer to Item 25-62-02 Cabin Overwing Exit Slide*
- *Refer to Item 25-62-06B(C) Cabin Overwing Exit CHECK SLIDE PRESURE Message on Flight Attendant Panel (FAP)  or Refer to Item 25-62-06B(C) Cabin Overwing Exit SLIDE PRESS LOW Message on Programming and Test Panel (PTP) STATUS Page *
- *Refer to Item 25-62-07A Overwing Escape Life Line *
- *Refer to Item 25-64-01 First Aid Kit*
- *Refer to Item 25-64-02 Emergency Medical Kit*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 00 - PREAMBLE 00-09 - MEL Items depending on Local Regulations</p>
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- Refer to Item 25-65-01 Cockpit Flashlight
- Refer to Item 25-65-02 Cabin Flashlight
- Refer to Item 25-65-03 Crash Axe/Crowbar
- Refer to Item 25-65-04 Survival Emergency Locator Transmitter
- Refer to Item 25-65-05 Automatic Emergency Locator Transmitter
- Refer to Item 25-65-07 Megaphone
- Refer to Item 25-65-08 Low Frequency - Underwater Locator Beacon (LF-ULB)
- Refer to Item 25-66-01 Life Vest
- Refer to Item 26-24-01 Cabin Portable Fire Extinguisher
- Refer to Item 26-24-02 Cockpit Portable Fire Extinguisher
- Refer to Item 31-30-03 Digital Flight Data Recorder (DFDR)
- Refer to Item 31-53-06 Altitude Alert
- Refer to Item 31-30-05 Flight Data Interface (FDIU or FDI MU Flight Data Interface function)
- Refer to Item 33-40-08 Beacon light
- Refer to Item 33-51-01B Exit Marking Sign
- Refer to Item 33-51-04 Overhead Emergency Lighting System in the Cabin Door Vicinity
- Refer to Item 33-51-05 Floor Proximity Emergency Escape Path Marking System
- Refer to Item 33-51-07 Floor Proximity Emergency Escape Path Marking System Exit Marker
- Refer to Item 33-51-08B Overwing Emergency Light
- Refer to Item 33-51-10B Escape Slide Lighting
- Refer to Item 34-01-02-01 GPWS SYS pb-sw FAULT light
- Refer to Item 34-30-04 Instrument Landing System (ILS)
- Refer to Item 34-40-01 GPWS Basic Modes
- Refer to Item 34-40-02 Predictive GPWS Functions
- Refer to Item 34-40-05 Traffic Collision Avoidance System (TCAS)
- Refer to Item 34-40-06 Weather Radar System
- Refer to Item 34-40-07 Predictive Windshear Detection System
- Refer to Item 34-50-01 ATC
- Refer to Item 34-50-03 ADF
- Refer to Item 34-50-04 DME
- Refer to Item 34-50-05 VOR
- Refer to Item 34-50-06 MARKER
- Refer to Item 34-50-09 Global Positioning System (GPS)
- Refer to Item 35-01-01-31 MANUAL Control of the MASK MAN ON pb
- Refer to Item 35-20-01 Passenger Oxygen Unit
- Refer to Item 35-20-02 Cabin Attendant Oxygen Unit
- Refer to Item 35-30-01 Portable Oxygen Unit
- Refer to Item 35-30-02 Flight Crew Portable Protective Breathing Equipment
- Refer to Item 35-30-03 Cabin Crew Portable Protective Breathing Equipment
- Refer to Item 46-11-01 Electronic Flight Bag (EFB) (If Installed)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 00 - PREAMBLE 00-09 - MEL Items depending on Local Regulations</p>
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- Refer to Item 46-11-02 EFB Docking Station (If Installed)
- Refer to Item 46-11-04 EFB Power Connection (If Installed)
- Refer to Item 46-11-05 EFB Flight Crew Application (If Installed)
- Refer to Item 46-11-06 EFB Mounting Device (If Installed)
- Refer to Item 46-21-01 Air Traffic Service Unit (ATSU)
- Refer to Item 46-21-02 Datalink Control and Display Unit (DCDU)
- Refer to Item 46-21-03 ATC MSG pb
- Refer to Item 46-21-04 ATC Datalink
- Refer to Item 46-21-05 COMPANY Datalink
- Refer to Item 52-01-01-01 CHAN (1, 2) LEDs on the CKPT DOOR CONT Overhead Panel
- Refer to Item 52-01-01-02 STRIKE (TOP, MID, BOT) LEDs on the CKPT DOOR CONT Overhead Panel
- Refer to Item 52-07-01D Cabin Door Permanently Indicated Open on the DOOR/OXY SD page
- Refer to Item 52-07-02B Cabin Door Permanently Indicated Closed on the DOOR/OXY SD page
- Refer to Item 52-07-03D Cabin Overwing Exit Permanently Indicated Open on the DOOR/OXY SD page
- Refer to Item 52-07-04B Cabin Overwing Exit Permanently Indicated Closed on the DOOR/OXY SD page
- Refer to Item 52-10-01 Cabin Door
- Refer to Item 52-10-02 Cabin Overwing Exit
- Refer to Item 52-10-05 Cabin Door Emergency Opening Function
- Refer to Item 52-10-07 Cabin Door Stay Mechanism
- Refer to Item 52-51-01 CDLS Normal System
- Refer to Item 52-51-03 CDLS Buzzer
- Refer to Item 52-51-05 CDLS Keypad LED
- Refer to Item 52-51-06 CDLS Door Release Strike (Catch, Spring, Solenoid, Bolt)
- Refer to Item 52-51-07 CDLS Deadbolt
- Refer to Item 52-53-01 COCKPIT DOOR FAULT light
- Refer to Item 52-53-02 COCKPIT DOOR OPEN light
- Refer to Item 52-53-03 LOCK Function of the COCKPIT DOOR sw
- Refer to Item 52-53-04 UNLOCK Function of the COCKPIT DOOR sw

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 00 - PREAMBLE 00-09 - MEL Items depending on Local Regulations
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 21 - AIR CONDITIONING 21-00 - MAINTENANCE Messages on the STATUS SD page</p>
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21-00-01	PACK 1(2) MAINTENANCE Message
-----------------	--------------------------------------

Ident.: MI-21-00-00007458.0001001 / 22 MAR 10

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

21-00-01A

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	No

PACK 1(2) MAINTENANCE message may be displayed on the STATUS SD page.

21-00-02	ZONE CONT MAINTENANCE Message
-----------------	--------------------------------------

Ident.: MI-21-00-00007459.0002001 / 22 MAR 10

2 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

21-00-02A

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	No

ZONE CONT MAINTENANCE message may be displayed on the STATUS SD page.

21-00-03	AFT CRG HEAT MAINTENANCE Message
-----------------	-----------------------------------------

Ident.: MI-21-00-00007460.0001001 / 22 MAR 10

Applicable to: LY-COB, LY-COD

21-00-03A

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	No

AFT CRG HEAT MAINTENANCE message may be displayed on the STATUS SD page.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 21 - AIR CONDITIONING 21-00 - MAINTENANCE Messages on the STATUS SD page
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21-00-04	TEMP CTL 1(2) <u>MAINTENANCE</u> Message
----------	------------------------------------------

Ident.: MI-21-00-00007461.0001001 / 22 MAR 10
Applicable to: LY-COD, LY-RAM

21-00-04A

Repair interval	Nbr installed	Nbr required	Placard
C	-	-	No

TEMP CTL 1(2) MAINTENANCE message may be displayed on the STATUS SD page.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 21 - AIR CONDITIONING 21-01 - Overhead Panels 21-01-01 - AIR COND Overhead Panel
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------

21-01-01-01	PACK pb-sw FAULT light
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Ident.: MI-21-01-01-00007462.0001001 / 22 MAR 10

Applicable to: ALL

21-01-01-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative.

21-01-01-02	PACK pb-sw OFF light
--------------------	-----------------------------

Ident.: MI-21-01-01-00007463.0001001 / 22 MAR 10

Applicable to: ALL

21-01-01-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative.

21-01-01-03	HOT AIR pb-sw FAULT light
--------------------	----------------------------------

Ident.: MI-21-01-01-00007464.0001001 / 22 MAR 10

Applicable to: ALL

21-01-01-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that all zone duct temperature indications are operative on the COND SD page.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 21 - AIR CONDITIONING 21-01 - Overhead Panels 21-01-01 - AIR COND Overhead Panel
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21-01-01-04	HOT AIR pb-sw OFF light
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Ident.: MI-21-01-01-00007465.0001001 / 22 MAR 10

Applicable to: ALL

21-01-01-04A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>21 - AIR CONDITIONING</div> <div>21-01 - Overhead Panels</div> <div>21-01-02 - CABIN PRESS Overhead Panel</div>
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------

21-01-02-01	CABIN PRESS MODE SEL pb-sw FAULT light
-------------	----------------------------------------

Ident.: MI-21-01-02-00007466.0001001 / 22 MAR 10

Applicable to: ALL

21-01-02-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 21 - AIR CONDITIONING 21-01 - Overhead Panels 21-01-02 - CABIN PRESS Overhead Panel
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 21 - AIR CONDITIONING 21-01 - Overhead Panels 21-01-03 - CARGO VENT Overhead Panel
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------

21-01-03-02	AFT ISOL VALVE pb-sw FAULT light
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Ident.: MI-21-01-03-00007468.0001001 / 22 MAR 10
Applicable to: LY-COB, LY-COD

21-01-03-02A			
Repair interval	Nbr installed	Nbr required	Placard
D	1	0	Yes

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 21 - AIR CONDITIONING 21-01 - Overhead Panels 21-01-03 - CARGO VENT Overhead Panel
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 21 - AIR CONDITIONING 21-01 - Overhead Panels 21-01-04 - VENTILATION Overhead Panel
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21-01-04-01	CAB FANS pb-sw OFF light
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Ident.: MI-21-01-04-00007469.0001001 / 22 MAR 10

Applicable to: ALL

21-01-04-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

21-01-04-02	BLOWER pb-sw FAULT light
--------------------	---------------------------------

Ident.: MI-21-01-04-00007470.0001001 / 22 MAR 10

Applicable to: ALL

21-01-04-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

21-01-04-03	EXTRACT pb-sw FAULT light
--------------------	----------------------------------

Ident.: MI-21-01-04-00007471.0001001 / 22 MAR 10

Applicable to: ALL

21-01-04-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 21 - AIR CONDITIONING 21-01 - Overhead Panels 21-01-04 - VENTILATION Overhead Panel
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p align="center">MEL ITEMS</p> <p align="center">21 - AIR CONDITIONING</p> <p align="center">21-07 - Indications on SD pages</p> <p align="center">21-07-01 - Indications on the BLEED SD page</p>
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21-07-01-01	Pack Outlet Temperature Indication on the <u>BLEED</u> SD page
--------------------	-----------------------------------------------------------------------

Ident.: MI-21-07-01-00007512.0001001 / 22 MAR 10

Applicable to: ALL

21-07-01-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative.

21-07-01-02	Pack Turbine Bypass Valve Position Indication on the <u>BLEED</u> SD page
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Ident.: MI-21-07-01-00007513.0001001 / 22 MAR 10

Applicable to: ALL

21-07-01-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative.

21-07-01-03	Pack Compressor Outlet Temperature Indication on the <u>BLEED</u> SD page
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Ident.: MI-21-07-01-00007514.0001001 / 22 MAR 10

Applicable to: ALL

21-07-01-03A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 21 - AIR CONDITIONING 21-07 - Indications on SD pages 21-07-01 - Indications on the BLEED SD page
-------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------

21-07-01-04	Pack Flow Indication on the <u>BLEED</u> SD page
--------------------	---------------------------------------------------------

Ident.: MI-21-07-01-00007515.0001001 / 22 MAR 10

Applicable to: ALL

21-07-01-04A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative.

21-07-01-05	Pack Flow Control Valve Position Indication on the <u>BLEED</u> SD page
--------------------	--------------------------------------------------------------------------------

Ident.: MI-21-07-01-00007516.0001001 / 22 MAR 10

Applicable to: ALL

21-07-01-05A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative.

21-07-01-06	Emergency Ram Air Inlet Indication on the <u>BLEED</u> SD page
--------------------	-----------------------------------------------------------------------

Ident.: MI-21-07-01-00007517.0001001 / 22 MAR 10

Applicable to: ALL

21-07-01-06A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">21 - AIR CONDITIONING</p> <p style="text-align: center;">21-07 - Indications on SD pages</p> <p style="text-align: center;">21-07-02 - Indications on the CAB PRESS SD page</p>
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21-07-02-01	INLET and EXTRACT Indications on the CAB PRESS SD page
--------------------	---------------------------------------------------------------

Ident.: MI-21-07-02-00007518.0001001 / 22 MAY 19

Applicable to: ALL

21-07-02-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative.

Note: During ground operations, correct avionics ventilation should be provided.

21-07-02-02	Pressure Safety Valves Position Indication on the CAB PRESS SD page
--------------------	----------------------------------------------------------------------------

Ident.: MI-21-07-02-00007519.0001001 / 22 MAR 10

Applicable to: ALL

21-07-02-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(m) Pressure safety valves may be indicated open provided that both valves are visually checked closed.

_____ Reference(s) _____

(m) Refer to AMM 21-31-00-040-004

21-07-02-03	Pack 1 and 2 Indications on the CAB PRESS SD page
--------------------	----------------------------------------------------------

Ident.: MI-21-07-02-00007520.0001001 / 22 MAR 10

Applicable to: ALL

21-07-02-03A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 21 - AIR CONDITIONING 21-07 - Indications on SD pages 21-07-02 - Indications on the CAB PRESS SD page
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">21 - AIR CONDITIONING</p> <p style="text-align: center;">21-07 - Indications on SD pages</p> <p style="text-align: center;">21-07-03 - Indications on the COND SD page</p>
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21-07-03-01	Indications on the <u>COND</u> SD page
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Ident.: MI-21-07-03-00007521.0001001 / 22 MAR 10

Applicable to: ALL

21-07-03-01A

Repair interval	Nbr installed	Nbr required	Placard
C	–	0	No

One or more indications may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 21 - AIR CONDITIONING 21-07 - Indications on SD pages 21-07-03 - Indications on the COND SD page
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p align="center">MEL ITEMS</p> <p align="center">21 - AIR CONDITIONING</p> <p align="center">21-07 - Indications on SD pages</p> <p align="center">21-07-04 - Indications on the CRUISE SD page</p>
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21-07-04-01	Indications on the <u>CRUISE</u> SD page
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Ident.: MI-21-07-04-00007522.0001001 / 22 MAR 10

Applicable to: ALL

21-07-04-01A

Repair interval	Nbr installed	Nbr required	Placard
C	–	0	No

Cabin and cockpit zone indications may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 21 - AIR CONDITIONING 21-07 - Indications on SD pages 21-07-04 - Indications on the CRUISE SD page
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>21 - AIR CONDITIONING</div> <div>21-09 - ECAM Alerts</div>
-------------------------------------------------------------	--------------------------------------------------------------------------------------

21-09-01	VENT BLOWER FAULT Alert
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Ident.: MI-21-09-00007523.0001001 / 22 MAY 19

Applicable to: ALL

Note: During ground operations, correct avionics ventilation should be provided.

21-09-01A Blower fan operative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o)(m) May be displayed provided that:
- 1) The blower fan is checked operative before each flight, and
 - 2) The VENT AVNCS SYS FAULT alert is checked operative before each flight.

Reference(s)

- (o) Refer to OpsProc 21-09-01A VENT BLOWER FAULT Alert
- (m) Refer to AMM Task 21-26-00-040-010

21-09-01B Blower fan inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be displayed provided that the avionics blower fan is considered inoperative.

Refer to Item 21-26-01 Avionics Blower Fan

21-09-02	VENT EXTRACT FAULT Alert
----------	--------------------------

Ident.: MI-21-09-00007524.0001001 / 22 MAY 19

Applicable to: ALL

Note: During ground operations, correct avionics ventilation should be provided.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 21 - AIR CONDITIONING 21-09 - ECAM Alerts</p>
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------

Continued from the previous page

21-09-02A Extract fan operative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) (m) May be displayed provided that:
- 1) The extract fan is checked operative before each flight, and
 - 2) The **VENT AVNCS SYS FAULT** alert is checked operative before each flight.

_____ Reference(s) _____

- (o) Refer to OpsProc 21-09-02A VENT EXTRACT FAULT Alert
(m) Refer to AMM Task 21-26-00-040-011

21-09-02B Extract fan inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be displayed provided that the avionics extract fan is considered inoperative.
Refer to Item 21-26-02 Avionics Extract Fan

21-09-03	CAB PR SAFETY VALVE OPEN Alert
-----------------	---------------------------------------

Ident.: MI-21-09-00007525.0001001 / 22 MAR 10
Applicable to: ALL

21-09-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (m) May be displayed provided that both safety valves are visually checked closed.
- _____ Reference(s) _____
- (m) Refer to AMM 21-31-00-040-005

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 21 - AIR CONDITIONING 21-21 - Air Distribution and Recirculation</p>
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21-21-01	Cabin Fan
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Ident.: MI-21-21-00007472.0001001 / 22 MAY 19

Applicable to: ALL

21-21-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) One may be inoperative.

Note: *Apply the operational procedure only in the case of continuous operation of the affected cabin fan, or in the case of "burning smell" associated with the inoperative cabin fan.*

_____ Reference(s) _____

- (o) *Refer to OpsProc 21-21-01A Cabin Fan*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 21 - AIR CONDITIONING 21-21 - Air Distribution and Recirculation
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>21 - AIR CONDITIONING</div> <div>21-23 - Lavatory and Galley Ventilation</div>
------------------------------------------------------	----------------------------------------------------------------------------------------------------------

21-23-01	Lavatory and Galley Extraction Fan
----------	------------------------------------

Ident.: MI-21-23-00007473.0002001 / 22 MAY 19

Applicable to: ALL

21-23-01B

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative provided that all duct temperatures indications for the cabin are operative on the COND SD page.

_____ Reference(s) _____

- (o) *Refer to OpsProc 21-23-01B Lavatory and Galley Extraction Fan*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 21 - AIR CONDITIONING 21-23 - Lavatory and Galley Ventilation
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>21 - AIR CONDITIONING</div> <div>21-26 - Avionics Equipment Ventilation</div>
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21-26-01	Avionics Blower Fan
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Ident.: MI-21-26-00007474.0001001 / 22 MAY 19

Applicable to: ALL

Note: During ground operation, correct avionics ventilation should be provided.

21-26-01A **VENT AVNCS SYS FAULT not displayed**

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that:
 - 1) The BLOWER pb-sw is set to OVRD, and
 - 2) Both air conditioning packs are operative, and
 - 3) The **VENT AVNCS SYS FAULT** alert is not displayed.

_____ Reference(s) _____

- (o) *Refer to OpsProc 21-26-01A Avionics Blower Fan (VENT AVNCS SYS FAULT Alert not displayed)*

21-26-01B **Air conditioning inlet valve checked open**

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o)(m) May be inoperative provided that:
 - 1) The BLOWER pb-sw is set to OVRD, and
 - 2) Both air conditioning packs are operative, and
 - 3) The air conditioning inlet valve is checked open before each flight.

_____ Reference(s) _____

- (o) *Refer to OpsProc 21-26-01B Avionics Blower Fan (Air conditioning inlet valve checked open before each flight)*
- (m) *Refer to AMM Task 21-26-00-040-006*

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL ITEMS 21 - AIR CONDITIONING 21-26 - Avionics Equipment Ventilation </div>
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

21-26-01C Avionics ventilation system checked

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) (m) May be inoperative provided that:
- 1) The BLOWER pb-sw is set to OVRD, and
 - 2) Both air conditioning packs are operative, and
 - 3) The air conditioning inlet valve is secured in the open position, and
 - 4) The avionics ventilation system is checked before each flight.

_____ Reference(s) _____

- (o) *Refer to OpsProc 21-26-01C Avionics Blower Fan (Avionics ventilation system checked before each flight)*
- (m) *Refer to AMM Task 21-26-00-040-013*

21-26-02	Avionics Extract Fan
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Ident.: MI-21-26-00007475.0001001 / 22 MAY 19

Applicable to: ALL

Note: During ground operation, correct avionics ventilation should be provided.

21-26-02A VENT AVNCS SYS FAULT not displayed

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that:
- 1) The blower fan is operative, and
 - 2) The EXTRACT pb-sw is set to OVRD, and
 - 3) Both air conditioning packs are operative, and
 - 4) The **VENT AVNCS SYS FAULT** alert is not displayed.

_____ Reference(s) _____

- (o) *Refer to OpsProc 21-26-02A Avionics Extract Fan (VENT AVNCS SYS FAULT Alert not displayed)*

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL ITEMS 21 - AIR CONDITIONING 21-26 - Avionics Equipment Ventilation </div>
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Continued from the previous page

21-26-02B Air conditioning inlet valve checked open

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(o)(m) May be inoperative provided that:

- 1) The blower fan is operative, and
- 2) The EXTRACT pb-sw is set to OVRD, and
- 3) Both air conditioning packs are operative, and
- 4) The air conditioning inlet valve is checked open before each flight.

_____ Reference(s) _____

(o) *Refer to OpsProc 21-26-02B Avionics Extract Fan (Air conditioning inlet valve checked open before each flight)*

(m) *Refer to AMM Task 21-26-00-040-007*

21-26-02C Avionics ventilation system checked

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(o)(m) May be inoperative provided that:

- 1) The blower fan is operative, and
- 2) The EXTRACT pb-sw is set to OVRD, and
- 3) Both air conditioning packs are operative, and
- 4) The air conditioning inlet valve is secured in the open position, and
- 5) The avionics ventilation system is checked before each flight.

_____ Reference(s) _____

(o) *Refer to OpsProc 21-26-02C Avionics Extract Fan (Avionics ventilation system checked before each flight)*

(m) *Refer to AMM Task 21-26-00-040-015*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">21 - AIR CONDITIONING</p> <p style="text-align: center;">21-26 - Avionics Equipment Ventilation</p>
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21-26-03	Avionics Skin Exchanger Inlet Bypass Valve
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Ident.: MI-21-26-00007476.0001001 / 22 MAY 19

Applicable to: ALL

21-26-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(o) (m) May be inoperative provided that:

- 1) The avionics skin exchanger inlet bypass valve is manually secured in the closed position, and
- 2) The avionics ventilation system is checked before each flight.

Note: During ground operations, correct avionics ventilation should be provided.

_____ Reference(s) _____

(o) Refer to OpsProc 21-26-03A Avionics Skin Exchanger Inlet Bypass Valve

(m) Refer to AMM Task 21-26-00-040-001

21-26-04	Avionics Skin Air Outlet Valve
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Ident.: MI-21-26-00007477.0001001 / 22 MAY 19

Applicable to: ALL

21-26-04A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(o) (m) May be inoperative provided that:

- 1) The internal flap is manually secured in the open position, and
- 2) The skin air outlet valve is displayed in a partially open position amber or green on the CAB PRESS SD page, and
- 3) Both air conditioning packs are operative, and
- 4) The skin exchanger isolation valve is secured in the open position, and
- 5) The avionics ventilation system is checked before each flight.

Note: During ground operations, correct avionics ventilation should be provided.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 21 - AIR CONDITIONING 21-26 - Avionics Equipment Ventilation</p>
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Continued from the previous page

_____ Reference(s) _____

- (o) Refer to OpsProc 21-26-04A Avionics Skin Air Outlet Valve
(m) Refer to AMM Task 21-26-00-040-002

21-26-05	Avionics Skin Air Inlet Valve
Ident.: MI-21-26-00007478.0001001 / 22 MAY 19 Applicable to: ALL	

Note: During ground operations, correct avionics ventilation should be provided.

21-26-05A Air Conditioning Inlet Valve open on ground

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) (m) May be inoperative provided that:
- 1) The avionics skin air inlet valve is manually secured in the closed position, and
 - 2) The air conditioning inlet valve is open on ground, and
 - 3) The avionics ventilation system is checked before each flight.

_____ Reference(s) _____

- (o) Refer to OpsProc 21-26-05A Avionics Skin Air Inlet Valve (Air conditioning inlet valve open on the ground)
(m) Refer to AMM Task 21-26-00-040-004

21-26-05B Air Conditioning Inlet Valve Secured Open

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) (m) May be inoperative provided that:
- 1) The avionics skin air inlet valve is manually secured in the closed position, and
 - 2) The air conditioning inlet valve is secured in the open position, and
 - 3) The avionics ventilation system is checked before each flight.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 21 - AIR CONDITIONING 21-26 - Avionics Equipment Ventilation</p>
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_____ Reference(s) _____

- (o) Refer to OpsProc 21-26-05B Avionics Skin Air Inlet Valve (Air conditioning inlet valve secured in the open position)
- (m) Refer to AMM Task 21-26-00-040-014

21-26-06	Avionics Skin Exchanger Isolation Valve
-----------------	------------------------------------------------

Ident.: MI-21-26-00007479.0001001 / 22 MAY 19

Applicable to: ALL

Note: During ground operations, correct avionics ventilation should be provided.

21-26-06A Valve inoperative in the open position

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o)(m) May be inoperative in the open position provided that the avionics ventilation system is checked before each flight.

_____ Reference(s) _____

- (o) Refer to OpsProc 21-26-06A Avionics Skin Exchanger Isolation Valve
- (m) Refer to AMM Task 21-26-00-040-008

21-26-06B Valve secured open

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o)(m) May be inoperative provided that:
 - 1) The avionics skin exchanger isolation valve is secured in the open position, and
Note: If the valve cannot be secured in the open position, it can be interchanged with the skin exchanger outlet bypass valve.
 - 2) The avionics ventilation system is checked before each flight.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 21 - AIR CONDITIONING 21-26 - Avionics Equipment Ventilation</p>
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_____ Reference(s) _____

- (o) Refer to OpsProc 21-26-06B Avionics Skin Exchanger Isolation Valve
- (m) Refer to AMM Task 21-26-00-040-016

21-26-07	Avionics Skin Exchanger Outlet Bypass Valve
-----------------	----------------------------------------------------

Ident.: MI-21-26-00007480.0001001 / 22 MAY 19
Applicable to: ALL

21-26-07A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative.

Note: During ground operations, correct avionics ventilation should be provided.

21-26-08	Avionics Air Conditioning Inlet Valve
-----------------	----------------------------------------------

Ident.: MI-21-26-00007481.0001001 / 22 MAY 19
Applicable to: ALL

21-26-08A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o)(m) May be inoperative provided that:
- 1) The avionics air conditioning inlet valve is manually secured in the open position, and
 - 2) Both air conditioning packs are operative, and
 - 3) The avionics ventilation is checked before each flight.

Note: During ground operations, correct avionics ventilation should be provided.

_____ Reference(s) _____

- (o) Refer to OpsProc 21-26-08A Avionics Air Conditioning Inlet Valve
- (m) Refer to AMM Task 21-26-00-040-003

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">21 - AIR CONDITIONING</p> <p style="text-align: center;">21-26 - Avionics Equipment Ventilation</p>
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

21-26-09	Avionics Ventilation Filter
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Ident.: MI-21-26-00007483.0001001 / 22 MAY 19

Applicable to: ALL

Note: During ground operations, correct avionics ventilation should be provided.

21-26-09A **VENT AVNCS SYS FAULT** not displayed

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative (clogged) provided that:
- 1) The blower and extract fans are operative, and
 - 2) The EXTRACT pb-sw is set to OVRD, and
 - 3) Both air conditioning packs are operative, and
 - 4) The **VENT AVNCS SYS FAULT** alert is not displayed.

Reference(s)

- (o) Refer to OpsProc 21-26-09A Avionics Ventilation Filter (**VENT AVNCS SYS FAULT** Alert not displayed)

21-26-09B Valve checked open

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) (m) May be inoperative (clogged) provided that:
- 1) The blower and extract fans are operative, and
 - 2) The EXTRACT pb-sw is set to OVRD, and
 - 3) Both air conditioning packs are operative, and
 - 4) The air conditioning inlet valve is checked open before each flight.

Reference(s)

- (o) Refer to OpsProc 21-26-09B Avionics Ventilation Filter (Air conditioning inlet valve checked open before each flight)
- (m) Refer to AMM Task 21-26-00-040-009

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 21 - AIR CONDITIONING 21-26 - Avionics Equipment Ventilation</p>
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21-26-09C Valve secured open

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(o)(m) May be inoperative (clogged) provided that:

- 1) The blower and extract fans are operative, and
- 2) The EXTRACT pb-sw is set to OVRD, and
- 3) Both air conditioning packs are operative, and
- 4) The air conditioning inlet valve is secured in the open position, and
- 5) The avionics ventilation system is checked before each flight.

_____ Reference(s) _____

(o) Refer to OpsProc 21-26-09C Avionics Ventilation Filter (Avionics ventilation system checked before each flight)

(m) Refer to AMM Task 21-26-00-040-017

21-26-10	Avionics Equipment Ventilation Computer (AEVC)
-----------------	-------------------------------------------------------

Ident.: MI-21-26-00007484.0001001 / 22 MAY 19

Applicable to: ALL

21-26-10A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(o)(m) May be inoperative provided that:

- 1) Both air conditioning packs are operative, and
- 2) The BLOWER pb-sw and the EXTRACT pb-sw are set to OVRD, and
- 3) The air conditioning inlet valve and the skin air outlet valve are checked in the correct position before each flight, and
- 4) The extract fan is checked operative before each flight, and
- 5) The skin air inlet valve is secured in the closed position.

Note: During ground operations, correct avionics ventilation should be provided.

_____ Reference(s) _____

(o) Refer to OpsProc 21-26-10A Avionics Equipment Ventilation Computer (AEVC)

(m) Refer to AMM Task 21-26-00-040-005

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 21 - AIR CONDITIONING 21-26 - Avionics Equipment Ventilation
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 21 - AIR CONDITIONING 21-28 - Cargo Compartment Ventilation
-------------------------------------------------------------	-------------------------------------------------------------------------------------------

21-28-03	AFT Cargo Extraction Fan
-----------------	---------------------------------

Ident.: MI-21-28-00007488.0001001 / 17 NOV 20

Applicable to: LY-COB, LY-COD

21-28-03A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	Yes

- (o) May be inoperative provided that the AFT ISOL VALVE pb-sw is set to OFF.

_____ Reference(s) _____

- (o) *Refer to OpsProc 21-28-03A AFT Cargo Extraction Fan*

21-28-04	AFT Cargo Isolation Valve
-----------------	----------------------------------

Ident.: MI-21-28-00007489.0001001 / 22 MAY 19

Applicable to: LY-COB, LY-COD

21-28-04A Inoperative in the closed position

Repair interval	Nbr installed	Nbr required	Placard
D	2	0	No

- (o) One or both may be inoperative in the closed position provided that:

- 1) Both AFT cargo isolation valves are checked closed, and
- 2) AFT ISOL VALVE pb-sw FAULT light is checked operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 21-28-04A AFT Cargo Isolation Valve (Valves checked closed)*

21-28-04B Deactivated in the closed position

Repair interval	Nbr installed	Nbr required	Placard
D	2	0	No

- (o)(m) One or both may be inoperative provided that both AFT cargo isolation valves are deactivated in the closed position.

_____ Reference(s) _____

- (o) *Refer to OpsProc 21-28-04B AFT Cargo Isolation Valve (Valves deactivated closed)*

- (m) *Refer to AMM Task 21-28-00-040-002*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 21 - AIR CONDITIONING 21-28 - Cargo Compartment Ventilation
------------------------------------------------------	-------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL ITEMS 21 - AIR CONDITIONING 21-31 - Pressure Control and Monitoring </div>
-------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------

21-31-01	<div style="text-align: center;"> Automatic Cabin Pressure Control System (CPC, Outflow Valve AUTO Channel) </div>
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Ident.: MI-21-31-00007492.0001001 / 17 NOV 20
 Applicable to: ALL

21-31-01A Automatic CPC 1 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) Automatic cabin pressure control system 1 may be inoperative provided that:
 - 1) ETOPS is not conducted, and
 - 2) It is deactivated, and
 - 3) The cabin pressure indications on the CAB PRESS SD page are checked operative in manual mode, and
 - 4) The LDG ELEV selector MAN function is operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 21-31-01A Automatic Cabin Pressure Control System (CPC, Outflow Valve AUTO Channel)*

21-31-01B Automatic CPC 2 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) Automatic cabin pressure control system 2 may be inoperative provided that:
 - 1) It is deactivated, and
 - 2) The cabin pressure indications on the CAB PRESS SD page are checked operative in manual mode, and
 - 3) The LDG ELEV selector MAN function is operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 21-31-01B Automatic Cabin Pressure Control System (CPC, Outflow Valve AUTO Channel)*

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 21 - AIR CONDITIONING 21-31 - Pressure Control and Monitoring</p>
-------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

21-31-01C Both automatic CPCs inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

Both may be inoperative provided that:

- 1) The manual cabin pressure control system is operative, and
- 2) The flight is not pressurized.

Refer to FCOM/PRO-NOR-SUP-MISC-E Flight Without Cabin Pressurization

21-31-02	Manual Cabin Pressure Control System (MAN V/S CTL selector, Outflow Valve MAN Channel)
-----------------	---------------------------------------------------------------------------------------------------

Ident.: MI-21-31-00007493.0001001 / 22 MAY 19

Applicable to: ALL

21-31-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(m) May be inoperative provided that:

- 1) The LDG ELEV selector MAN function is operative, and
- 2) Both automatic cabin pressure control systems are checked operative before each flight.

_____ Reference(s) _____

(m) *Refer to AMM Task 21-31-00-040-002*

21-31-03	Pressure Safety Valve
-----------------	------------------------------

Ident.: MI-21-31-00007494.0001001 / 22 MAY 19

Applicable to: ALL

21-31-03A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(m) One may be inoperative in the closed position provided that:

- 1) Both automatic cabin pressure control systems are operative, and
- 2) The three outflow valve motors are checked operative.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 21 - AIR CONDITIONING 21-31 - Pressure Control and Monitoring</p>
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_____ Reference(s) _____

(m) Refer to AMM Task 21-31-00-040-001

21-31-04	Landing Elevation Selection AUTO Function
-----------------	--------------------------------------------------

Ident.: MI-21-31-00007495.0001001 / 22 MAY 19

Applicable to: ALL

21-31-04A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(o) May be inoperative.

_____ Reference(s) _____

(o) Refer to OpsProc 21-31-04A Landing Elevation Selection AUTO Function

21-31-05	Landing Elevation Selection MAN Function
-----------------	-------------------------------------------------

Ident.: MI-21-31-00007496.0001001 / 22 MAY 19

Applicable to: ALL

21-31-05A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(o) May be inoperative provided that:

- 1) The landing elevation selection AUTO function is operative, and
- 2) Both FMGCs are operative.

_____ Reference(s) _____

(o) Refer to OpsProc 21-31-05A Landing Elevation Selection MAN Function

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 21 - AIR CONDITIONING 21-43 - Cargo Compartment Heating</p>
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21-43-02	AFT Cargo Compartment Heating
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Ident.: MI-21-43-00007498.0002001 / 22 MAY 19

Applicable to: LY-COB, LY-COD

21-43-02A HOT AIR pb-sw OFF

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

- (o) Hot air pressure regulating valve or trim air valve may be inoperative provided that:

- 1) The HOT AIR pb-sw on the CARGO HEAT overhead panel is set to OFF, and
- 2) The operative valve is indicated closed on the COND SD page.

_____ Reference(s) _____

- (o) *Refer to OpsProc 21-43-02A AFT Cargo Compartment Heating (Heating system set to OFF)*

21-43-02B Valves secured closed

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	Yes

- (o)(m) Hot air pressure regulating valve or trim air valve may be inoperative provided that one of these valves is secured in the closed position.

_____ Reference(s) _____

- (o) *Refer to OpsProc 21-43-02B AFT Cargo Compartment Heating (Inoperative valve secured in the closed position)*

- (m) *Refer to AMM Task*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 21 - AIR CONDITIONING 21-43 - Cargo Compartment Heating
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 21 - AIR CONDITIONING 21-51 - Pack Flow Control
-------------------------------------------------------------	-------------------------------------------------------------------------------

21-51-01	Pack Flow Control Valve
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Ident.: MI-21-51-00007499.0001001 / 17 NOV 20

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

21-51-01A One inoperative in the closed position

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(m) One may be inoperative provided that:

- 1) ETOPS is not conducted, and
- 2) The affected pack flow control valve is secured in the closed position, and
- 3) The associated air conditioning pack is considered inoperative.

Refer to Item 21-52-01 Air Conditioning Pack

_____ Reference(s) _____

(m) *Refer to AMM Task 21-51-00-040-001*

21-51-01B Non pressurized flight

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

Both may be inoperative provided that:

- 1) The manual cabin pressure control system is operative, and
- 2) The flight is not pressurized.

Refer to FCOM/PRO-NOR-SUP-MISC-E Flight Without Cabin Pressurization

21-51-02	Pack Flow Selection
-----------------	----------------------------

Ident.: MI-21-51-00007500.0001001 / 22 MAR 10

Applicable to: ALL

21-51-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>21 - AIR CONDITIONING</div> <div>21-51 - Pack Flow Control</div>
------------------------------------------------------	--------------------------------------------------------------------------------------------

21-51-03	Pack Flow Sensor
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Ident.: MI-21-51-00007501.0001001 / 22 MAY 19

Applicable to: LY-COD, LY-RAM

21-51-03A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(o) One may be inoperative.

Reference(s)

(o) Refer to OpsProc 21-51-03A Pack Flow Sensor

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 21 - AIR CONDITIONING 21-52 - Air Cooling System
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21-52-01	Air Conditioning Pack
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Ident.: MI-21-52-00007502.0004001 / 17 NOV 20

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

21-52-01A With speedbrakes available for 'C' repair interval

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

(o) One may be inoperative provided that:

- 1) ETOPS is not conducted, and
- 2) The **COND ZONE REGUL FAULT** alert is not displayed, and
- 3) The affected PACK 1(2) pb-sw is set to OFF, and
- 4) The speedbrakes are operative, and
- 5) The associated pack flow control valve is checked closed on the **BLEED** SD page.

Note: This proviso does not apply if the pack flow control valve has been secured in the closed position as per item 21-51-01.

Reference(s)

(o) Refer to OpsProc 21-52-01A Air Conditioning Pack (One Air Conditioning Pack Inoperative for 'C' Repair Interval)

21-52-01B Limitation to 31 500 ft for 'C' repair interval

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

(o) One may be inoperative provided that:

- 1) ETOPS is not conducted, and
- 2) The flight altitude is limited to 31 500 ft (9 600 m), and
- 3) The **COND ZONE REGUL FAULT** alert is not displayed on the EWD, and
- 4) The affected PACK 1(2) pb-sw is set to OFF, and
- 5) The associated pack flow control valve is checked closed on the **BLEED** SD page.

Note: This proviso does not apply if the pack flow control valve has been secured in the closed position as per item 21-51-01.

Reference(s)

(o) Refer to OpsProc 21-52-01B Air Conditioning Pack (One Air Conditioning Pack Inoperative for 'C' Repair Interval)

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>21 - AIR CONDITIONING</div> <div>21-52 - Air Cooling System</div>
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21-52-01G Air cycle machine failed

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) One may be operated on heat exchanger cooling only (air cycle machine failure) provided that:
- 1) The corresponding pack controller is operative, and
- 2) The affected pack outlet temperature indication is operative on the BLEED SD page.

Reference(s)

- (o) Refer to OpsProc 21-52-01G Air Conditioning Pack (One Air Conditioning Pack in Heat Exchanger Cooling Mode only)

21-52-01H Non pressurized flight

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

Both may be inoperative provided that:

- 1) The flight is not pressurized
- Refer to FCOM/PRO-NOR-SUP-MISC-E Flight Without Cabin Pressurization, and
- 2) The flight is performed with no passengers on board.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 21 - AIR CONDITIONING 21-52 - Air Cooling System
------------------------------------------------------	--------------------------------------------------------------------------------

21-52-01	Air Conditioning Pack
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Ident.: MI-21-52-00007502.0015001 / 17 NOV 20

Applicable to: LY-COD, LY-RAM

21-52-01D With speedbrakes available for 'C' repair interval

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

(o)(m) One may be inoperative provided that:

- 1) ETOPS is not conducted, and
- 2) The flight altitude is limited to 37 000 ft (11 200 m), and
- 3) The following alerts:
AIR PACK 1(2) REGUL FAULT
AIR COND CTL 1(2)-A FAULT
AIR COND CTL 1(2)-B FAULT
associated with the operative pack are not displayed on the EWD, and
- 4) The affected PACK 1(2) pb-sw is set to OFF, and
- 5) The speedbrakes are operative, and
- 6) The associated pack flow control valve is secured in the closed position.

Reference(s)

(o) Refer to OpsProc 21-52-01D Air Conditioning Pack (One Air Conditioning Pack Inoperative for 'C' Repair Interval)

(m) Refer to AMM Task 21-51-00-040-002

21-52-01E Limitation to 31 500 ft for 'C' repair interval

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

(o)(m) One may be inoperative provided that:

- 1) ETOPS is not conducted, and
- 2) The flight altitude is limited to 31 500 ft (9 600 m), and
- 3) The following alerts:
AIR PACK 1(2) REGUL FAULT
AIR COND CTL 1(2)-A FAULT
AIR COND CTL 1(2)-B FAULT
associated with the operative pack are not displayed on the EWD, and
- 4) The affected PACK 1(2) pb-sw is set to OFF, and
- 5) The associated pack flow control valve is secured in the closed position.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL ITEMS 21 - AIR CONDITIONING 21-52 - Air Cooling System </div>
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Reference(s)

- (o) Refer to OpsProc 21-52-01E Air Conditioning Pack (One Air Conditioning Pack Inoperative for 'C' Repair Interval)
- (m) Refer to AMM Task 21-51-00-040-002

21-52-01F With speedbrakes available for 'B' repair interval

Repair interval	Nbr installed	Nbr required	Placard
B	2	1	Yes

- (o) (m) One may be inoperative provided that:
 - 1) ETOPS is not conducted, and
 - 2) The following alerts:
 - AIR PACK 1(2) REGUL FAULT
 - AIR COND CTL 1(2)-A FAULT
 - AIR COND CTL 1(2)- B FAULT
 associated with the operative pack are not displayed on the EWD, and
 - 3) The affected PACK 1(2) pb-sw is set to OFF, and
 - 4) The speedbrakes are operative, and
 - 5) The associated pack flow control valve is secured in the closed position.
- Note: In the case of depressurization at altitudes higher than 37 000 ft (11 200 m), oxygen masks may drop down during the descent.

Reference(s)

- (o) Refer to OpsProc 21-52-01F Air Conditioning Pack (One Air Conditioning Pack Inoperative for 'B' Repair Interval)
- (m) Refer to AMM Task 21-51-00-040-002

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 21 - AIR CONDITIONING 21-52 - Air Cooling System
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21-52-01G Air cycle machine failed

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) One may be operated on heat exchanger cooling only (air cycle machine failure) provided that:
- 1) The following alerts:
AIR COND CTL 1(2)-A FAULT
AIR COND CTL 1(2)-B FAULT
associated with the operative pack are not displayed on the EWD, and
 - 2) The affected pack outlet temperature indication is operative on the BLEED SD page.

_____ Reference(s) _____

- (o) *Refer to OpsProc 21-52-01G Air Conditioning Pack (One Air Conditioning Pack in Heat Exchanger Cooling Mode only)*

21-52-01H Non pressurized flight

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

Both may be inoperative provided that:

- 1) The flight is not pressurized
Refer to FCOM/PRO-NOR-SUP-MISC-E Flight Without Cabin Pressurization, and
- 2) The flight is performed with no passengers on board.

21-52-02	Air Conditioning Pack Ram Air Inlet Flap
-----------------	-------------------------------------------------

Ident.: MI-21-52-00007503.0002001 / 17 NOV 20

2 Applicable to: ALL

21-52-02A Flap deactivated

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (m) One or both may be inoperative provided that the affected flap is deactivated in the open position.

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Reference(s)

(m) Refer to AMM Task 21-61-00-040-002

21-52-02B Only one inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

One may be inoperative in the closed position provided that the associated air conditioning pack is considered inoperative.

Refer to Item 21-52-01 Air Conditioning Pack

21-52-02C Non pressurized flight

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

Both may be inoperative in the closed position provided that the flight is not pressurized.

Refer to FCOM/PRO-NOR-SUP-MISC-E Flight Without Cabin Pressurization

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>21 - AIR CONDITIONING</div> <div>21-55 - Emergency Ram Air Inlet</div>
------------------------------------------------------	--------------------------------------------------------------------------------------------------

21-55-01	Emergency Ram Air Inlet
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Ident.: MI-21-55-00007505.0001001 / 17 NOV 20

Applicable to: ALL

21-55-01A Ram air inlet deactivated

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (m) May be inoperative provided that:
- 1) The emergency ram air inlet is deactivated in the closed position, and
 - 2) Both air conditioning packs are checked operative.

Reference(s)

- (m) Refer to AMM Task 21-55-00-040-002

21-55-01B Non pressurized flight

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- May be inoperative in the open position provided that:
- 1) ETOPS and extended overwater flight is not conducted, and
 - 2) The flight is not pressurized.
- Refer to FCOM/PRO-NOR-SUP-MISC-E Flight Without Cabin Pressurization

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 21 - AIR CONDITIONING 21-55 - Emergency Ram Air Inlet
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>21 - AIR CONDITIONING</div> <div>21-61 - Pack Temperature Control</div>
------------------------------------------------------	---------------------------------------------------------------------------------------------------

21-61-01	Pack Turbine Bypass Valve
----------	---------------------------

Ident.: MI-21-61-00007506.0001001 / 22 MAR 10

Applicable to: ALL

21-61-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

One may be inoperative.

21-61-02	Pack Controller Primary Channel
----------	---------------------------------

Ident.: MI-21-61-00007507.0001001 / 22 MAR 10

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

21-61-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(o) One may be inoperative.

Reference(s)

(o) Refer to OpsProc 21-61-02A Pack Controller Primary Channel

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 21 - AIR CONDITIONING 21-61 - Pack Temperature Control
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL ITEMS 21 - AIR CONDITIONING 21-63 - Cockpit and Cabin Temperature Control </div>
-------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------

21-63-01	Zone Controller Channel
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Ident.: MI-21-63-00007508.0001001 / 22 MAY 19

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

21-63-01A Primary channel inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) Primary channel may be inoperative provided that the hot air pressure regulating valve is checked closed on the COND SD page.

Note: 1. Unequal passengers distribution may cause high temperature in the rear cabin when the hot air pressure regulating valve is closed.
2. The temperature in the cockpit may be low when the hot air pressure regulating valve is closed combined with single pack operation.

_____ Reference(s) _____

- (o) *Refer to OpsProc 21-63-01A Zone Controller Channel (Primary channel inoperative)*

21-63-01B Secondary channel inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

Secondary channel may be inoperative provided that the minimum idle on ground is considered inoperative.

Refer to Item 73-20-05A Minimum Idle on Ground

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL ITEMS 21 - AIR CONDITIONING 21-63 - Cockpit and Cabin Temperature Control </div>
-------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

21-63-01C Both channels inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) (m)** Primary and secondary channel may be inoperative provided that:
- 1)** The hot air pressure regulating valve is secured in the closed position, and
 - 2)** The minimum idle on ground is considered inoperative.
Refer to Item 73-20-05A Minimum Idle on Ground
- Note: **1.** Unequal passengers distribution may cause high temperature in the rear cabin when the hot air pressure regulating valve is closed.
- 2.** The temperature in the cockpit may be low when the hot air pressure regulating valve is closed combined with single pack operation.

_____ Reference(s) _____

- (o)** *Refer to OpsProc 21-63-01C Zone Controller Channel (Both channels inoperative)*
- (m)** *Refer to AMM Task 21-63-00-040-004*

21-63-02	Cockpit and Cabin Trim Air Valve
-----------------	-----------------------------------------

Ident.: MI-21-63-00007509.0001001 / 22 MAY 19

2 **Applicable to:** LY-COB, LY-ELK, LY-EMU, LY-OWL

- Note: **1.** Unequal passengers distribution may cause high temperature in the rear cabin when more than one trim air valves are inoperative or when the hot air pressure regulating valve is closed.
- 2.** The temperature in the cockpit may be low when the hot air pressure regulating valve is closed combined with single pack operation.

21-63-02C Hot air pressure valve checked closed

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	No

- (o)** One or more may be inoperative provided that:
- 1)** The HOT AIR pb-sw is set to OFF, and
 - 2)** The hot air pressure regulating valve is checked closed on the COND SD page.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 21 - AIR CONDITIONING 21-63 - Cockpit and Cabin Temperature Control</p>
-------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

_____ Reference(s) _____

- (o) *Refer to OpsProc 21-63-02C Cockpit and Cabin Trim Air Valve (Hot air pressure regulating valve checked closed/operative)*

21-63-02D Affected valve secured closed

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	No

- (o)(m) One or more may be inoperative provided that the affected valve is secured in the closed position.

_____ Reference(s) _____

- (o) *Refer to OpsProc 21-63-02D Cockpit and Cabin Trim Air Valve (Affected valve secured/checked in the closed position)*
(m) *Refer to AMM Task 21-63-00-040-001*

21-63-02	Cockpit and Cabin Trim Air Valve
-----------------	-----------------------------------------

Ident.: MI-21-63-00007509.0002001 / 22 MAY 19

Applicable to: LY-COD, LY-RAM

21-63-02A Affected valve checked closed

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	No

- (o) One or more may be inoperative provided that the affected valve is checked closed on the COND SD page.

_____ Reference(s) _____

- (o) *Refer to OpsProc 21-63-02A Cockpit and Cabin Trim Air Valve (Affected valve secured/checked in the closed position)*

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 21 - AIR CONDITIONING 21-63 - Cockpit and Cabin Temperature Control</p>
-------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

21-63-02B Hot air pressure valve checked operative

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	No

- (o) One or more may be inoperative provided that the hot air pressure regulating valve is checked operative on the COND SD page.
- _____ Reference(s) _____
- (o) *Refer to OpsProc 21-63-02B Cockpit and Cabin Trim Air Valve (Hot air pressure regulating valve checked closed/operative)*

21-63-02E Hot air pressure valve considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	No

One or more may be inoperative provided that the hot air pressure regulating valve is considered inoperative.
Refer to Item 21-63-03 Hot Air Pressure Regulating Valve

21-63-03	Hot Air Pressure Regulating Valve
-----------------	------------------------------------------

Ident.: MI-21-63-00007510.0001001 / 22 MAY 19

3 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

- Note:
- Unequal passengers distribution may cause high temperature in the rear cabin when the hot air pressure regulating valve is closed.*
 - The temperature in the cockpit may be low when the hot air pressure regulating valve is closed combined with single pack operation.*

21-63-03A Valve checked closed

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that:
- The HOT AIR pb-sw is set to OFF, and
 - The hot air pressure regulating valve is checked closed on the COND SD page.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 21 - AIR CONDITIONING 21-63 - Cockpit and Cabin Temperature Control</p>
-------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

_____ Reference(s) _____

- (o) *Refer to OpsProc 21-63-03A Hot Air Pressure Regulating Valve (Hot air pressure valve checked closed)*

21-63-03C Hot air pressure valve secured closed

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o)(m) May be inoperative provided that the hot air pressure regulating valve is secured in the closed position.

_____ Reference(s) _____

- (o) *Refer to OpsProc 21-63-03C Hot Air Pressure Regulating Valve (Affected valve secured in the closed position)*
(m) *Refer to AMM Task 21-63-00-040-002*

21-63-03	Hot Air Pressure Regulating Valve
-----------------	------------------------------------------

Ident.: MI-21-63-00007510.0002001 / 22 MAY 19

Applicable to: LY-COD, LY-RAM

- Note:
1. Unequal passengers distribution may cause high temperature in the rear cabin when more than one trim air valves are inoperative or when the hot air pressure regulating valve is closed.
 2. The temperature in the cockpit may be low when the hot air pressure regulating valve is closed combined with single pack operation.

21-63-03A Hot air pressure valve checked closed

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative in the closed position provided that:
- 1) HOT AIR pb-sw is set to OFF, and
 - 2) Hot Air Pressure Regulating Valve is checked closed on the COND SD page.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 21 - AIR CONDITIONING 21-63 - Cockpit and Cabin Temperature Control</p>
-------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

_____ Reference(s) _____

- (o) *Refer to OpsProc 21-63-03A Hot Air Pressure Regulating Valve (Hot air pressure valve checked closed)*

21-63-03B All trim valve checked closed

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative in the open position provided that:
 - 1) HOT AIR pb-sw is set to OFF, and
 - 2) All Trim Air Valves are checked closed on the COND SD page.

_____ Reference(s) _____

- (o) *Refer to OpsProc 21-63-03B Hot Air Pressure Regulating Valve (Trim air valve checked closed)*

21-63-03C Hot air pressure valve secured closed

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o)(m) May be inoperative provided that the hot air pressure regulating valve is secured in the closed position.

_____ Reference(s) _____

- (o) *Refer to OpsProc 21-63-03C Hot Air Pressure Regulating Valve (Affected valve secured in the closed position)*
- (m) *Refer to AMM Task 21-63-00-040-002*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>21 - AIR CONDITIONING</div> <div>21-63 - Cockpit and Cabin Temperature Control</div>
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21-63-04	Air Conditioning System Controller Channel (COND CTL 1(2)-A(B))
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Ident.: MI-21-63-00007511.0001001 / 22 MAY 19

Applicable to: LY-COD, LY-RAM

21-63-04A Non ETOPS flight

Repair interval	Nbr installed	Nbr required	Placard
C	4	2	No

One may be inoperative on each side provided that ETOPS is not conducted.

21-63-04B ETOPS flight

Repair interval	Nbr installed	Nbr required	Placard
C	4	2	No

For ETOPS, one may be inoperative on each side provided that the AIR COND CTL 1-B FAULT alert is not displayed on the EWD.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 21 - AIR CONDITIONING 21-63 - Cockpit and Cabin Temperature Control
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 22 - AUTO FLIGHT 22-01 - Overhead Panel 22-01-01 - FLT CTL Overhead Panel
------------------------------------------------------	------------------------------------------------------------------------------------------------------------

22-01-01-01	FAC pb-sw FAULT light
-------------	------------------------------

Ident.: MI-22-01-01-00007527.0001001 / 17 MAY 18

Applicable to: ALL

22-01-01-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

One may be inoperative.

22-01-01-02	FAC pb-sw OFF light
-------------	----------------------------

Ident.: MI-22-01-01-00007528.0001001 / 17 MAY 18

Applicable to: ALL

22-01-01-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 22 - AUTO FLIGHT 22-01 - Overhead Panel 22-01-01 - FLT CTL Overhead Panel
------------------------------------------------------	------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 22 - AUTO FLIGHT 22-05 - FMA Indications on the PFD
-------------------------------------------------------------	-----------------------------------------------------------------------------------

22-05-01	AP Related Indications on the FMA
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Ident.: MI-22-05-00007577.0001001 / 13 MAY 20

Applicable to: ALL

22-05-01A Inoperative on one FMA

Repair interval	Nbr installed	Nbr required	Placard
C	–	0	No

- (o) One or more indications may be inoperative on one FMA.

_____ Reference(s) _____

- (o) Refer to OpsProc 22-05-01A AP/FD Related Indications on the FMA (inoperative on one FMA)

22-05-01B Inoperative on both FMAs

Repair interval	Nbr installed	Nbr required	Placard
C	–	0	No

- (o) One or more indications may be inoperative on both FMAs provided that:

- 1) ETOPS is not conducted, and
- 2) The AP is not used.

_____ Reference(s) _____

- (o) Refer to OpsProc 22-05-01B AP/FD Related Indications on the FMA (inoperative on both FMAs)

22-05-02	A/THR Related Indications on the FMA
----------	--------------------------------------

Ident.: MI-22-05-00007578.0001001 / 13 MAY 20

Applicable to: ALL

22-05-02A Inoperative on one FMA

Repair interval	Nbr installed	Nbr required	Placard
C	–	0	No

One or more indications may be inoperative on one FMA.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 22 - AUTO FLIGHT 22-05 - FMA Indications on the PFD</p>
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

22-05-02B Inoperative on both FMAs

Repair interval	Nbr installed	Nbr required	Placard
C	–	0	No

One or more indications may be inoperative on both FMAs provided that the autothrust (A/THR) is considered inoperative.
Refer to Item 22-30-01 Autothrust (A/THR)

22-05-03	Approach and Landing Capabilities on the FMA
----------	-----------------------------------------------------

Ident.: MI-22-05-00007579.0001001 / 22 MAY 19

Applicable to: ALL

22-05-03A

Repair interval	Nbr installed	Nbr required	Placard
C	–	0	No

- (o) One or more may be inoperative on one or both FMAs.
- _____ Reference(s) _____
- (o) *Refer to OpsProc 22-05-03A Approach and Landing Capabilities on the FMA*

22-05-04	Special Messages on the FMA
----------	------------------------------------

Ident.: MI-22-05-00007580.0001001 / 22 MAR 10

Applicable to: ALL

22-05-04A

Repair interval	Nbr installed	Nbr required	Placard
C	–	1	No

“MAN PITCH TRIM ONLY” is required on one side.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 22 - AUTO FLIGHT 22-10 - Autopilot/Flight Director (AP/FD)</p>
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------

22-10-01	Autopilot (AP)
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Ident.: MI-22-10-00007529.0001001 / 22 MAY 19

Applicable to: ALL

22-10-01A One inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

- (o) One may be inoperative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 22-10-01A Autopilot (AP)*

22-10-01B Both inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

- (o) Both may be inoperative provided that ETOPS is not conducted.

_____ Reference(s) _____

- (o) *Refer to OpsProc 22-10-01B Autopilot (AP)*

22-10-02	Flight Director (FD)
-----------------	-----------------------------

Ident.: MI-22-10-00007530.0001001 / 22 MAY 19

Applicable to: ALL

22-10-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

- (o) One or both may be inoperative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 22-10-02A Flight Director (FD)*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 22 - AUTO FLIGHT 22-10 - Autopilot/Flight Director (AP/FD)
------------------------------------------------------	------------------------------------------------------------------------------------------

22-10-03	Take-over pb Priority Function
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Ident.: MI-22-10-00007531.0001001 / 22 MAR 10

Applicable to: ALL

22-10-03A

Repair interval	Nbr installed	Nbr required	Placard
–	2	2	No

Both must be operative.

22-10-04	Take-over pb AP Disconnection Function
-----------------	-----------------------------------------------

Ident.: MI-22-10-00007532.0001001 / 22 MAY 19

Applicable to: ALL

22-10-04A One inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) One may be inoperative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 22-10-04A Take-over pb AP Disconnection Function (One inoperative)*

22-10-04B Both inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) Both may be inoperative provided that the AP is not used for approach.

_____ Reference(s) _____

- (o) *Refer to OpsProc 22-10-04B Take-over pb AP Disconnection Function (Both inoperative)*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 22 - AUTO FLIGHT 22-10 - Autopilot/Flight Director (AP/FD)
-------------------------------------------------------------	------------------------------------------------------------------------------------------

22-10-05	AUTO LAND light
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Ident.: MI-22-10-00007533.0001001 / 22 MAY 19

Applicable to: ALL

22-10-05A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

- (o) One or both may be inoperative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 22-10-05A AUTO LAND light*

22-10-06	AP Disengagement Warning
-----------------	---------------------------------

Ident.: MI-22-10-00007534.0001001 / 22 MAY 19

Applicable to: ALL

22-10-06A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that:
- 1) ETOPS is not conducted, and
 - 2) The AP is not engaged.

_____ Reference(s) _____

- (o) *Refer to OpsProc 22-10-06A AP Disengagement Warning*

22-10-07	Sticks and Rudder Pedals Locking Solenoid in AP Mode
-----------------	-------------------------------------------------------------

Ident.: MI-22-10-00007535.0001001 / 22 MAY 19

Applicable to: ALL

22-10-07A

Repair interval	Nbr installed	Nbr required	Placard
C	3	1	No

- (o) One or two may be inoperative unlocked provided that no autoland is performed.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 22 - AUTO FLIGHT 22-10 - Autopilot/Flight Director (AP/FD)
------------------------------------------------------	------------------------------------------------------------------------------------------

Continued from the previous page

_____ Reference(s) _____

(o) *Refer to OpsProc 22-10-07A Sticks and Rudder Pedals Locking Solenoid in AP Mode*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 22 - AUTO FLIGHT 22-30 - Autothrust
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22-30-01	Autothrust (A/THR)
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Ident.: MI-22-30-00007536.0001001 / 22 MAY 19

Applicable to: ALL

22-30-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that the autothrust (A/THR) is disconnected before each flight.

_____ Reference(s) _____

- (o) *Refer to OpsProc 22-30-01A Autothrust (A/THR)*

22-30-02	Autothrust Instinctive Disconnect pb
-----------------	---------------------------------------------

Ident.: MI-22-30-00007537.0001001 / 22 MAY 19

Applicable to: ALL

22-30-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) One may be inoperative provided that the ability to disconnect the autothrust (A/THR) via the remaining Instinctive Disconnect pb and by the FCU A/THR pb is checked before each flight.

_____ Reference(s) _____

- (o) *Refer to OpsProc 22-30-02A Autothrust Instinctive Disconnect pb*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 22 - AUTO FLIGHT 22-30 - Autothrust
------------------------------------------------------	-------------------------------------------------------------------

22-30-03	Autothrust Disengagement Warning
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Ident.: MI-22-30-00007538.0001001 / 27 JUN 11

Applicable to: ALL

22-30-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the autothrust (A/THR) is considered inoperative.

Refer to Item 22-30-01 Autothrust (A/THR)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 22 - AUTO FLIGHT 22-60 - Flight Augmentation (FAC)
-------------------------------------------------------------	----------------------------------------------------------------------------------

22-60-01	FAC 1
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Ident.: MI-22-60-00007539.0001001 / 19 MAY 21

Applicable to: ALL

22-60-01A

Repair interval	Nbr installed	Nbr required	Placard
–	1	1	No

(m) Must be operative.

Note: The **AUTO FLT FAC 1 FAULT** alert may be displayed with the associated AUTO FLT/FAC1/28VDC C/B tripped.
This may be due to a short circuit within either rudder trim actuator channel 1 or rudder travel limitation unit channel 1.
In this case, the FAC 1 may be recovered provided that the affected part of the rudder system is deactivated using the associated maintenance procedure.
Refer to AMM 27-22-00-040-001, or
Refer to AMM 27-23-00-040-001.
Refer to Item 27-22-01 Rudder Trim System, or
Refer to Item 27-23-01 Rudder Travel Limiter System

_____ Reference(s) _____

(m) Refer to AMM Task

22-60-02	FAC 2
-----------------	--------------

Ident.: MI-22-60-00007540.0001001 / 22 MAY 19

Applicable to: ALL

22-60-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that:
- 1) All ADIRSSs, ELACs, SECs, SFCCs, LGCIUs and RAs are operative, and
 - 2) The Rudder Travel Limiter System 2 is considered inoperative.
Refer to Item 22-60-04 Yaw Damper System, and
Refer to Item 27-22-01 Rudder Trim System, and
Refer to Item 27-23-01 Rudder Travel Limiter System

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 22 - AUTO FLIGHT 22-60 - Flight Augmentation (FAC)</p>
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

Reference(s)

(o) Refer to OpsProc 22-60-02A FAC 2

22-60-03	Reactive Windshear Detection Function
-----------------	----------------------------------------------

Ident.: MI-22-60-00007542.0001001 / 22 MAY 19

Applicable to: ALL

22-60-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(o) May be inoperative.

Reference(s)

(o) Refer to OpsProc 22-60-03A Reactive Windshear Detection Function

22-60-04	Yaw Damper System
-----------------	--------------------------

Ident.: MI-22-60-00007543.0001001 / 22 MAY 19

Applicable to: ALL

22-60-04A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(o) One may be inoperative.

Reference(s)

(o) Refer to OpsProc 22-60-04A Yaw Damper System

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 22 - AUTO FLIGHT 22-70 - Flight Management System (FMS)
------------------------------------------------------	---------------------------------------------------------------------------------------

22-70-01	Flight Management System (FMS)
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Ident.: MI-22-70-00007544.0003001 / 22 MAY 19

1 Applicable to: LY-ELK, LY-OWL

22-70-01C FMS 1 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

- (o) The FMS 1 may be inoperative provided that:
- 1) ETOPS is not conducted, and
 - 2) The flight remains within radio nav aids coverage, and
 - 3) The Predictive GPWS Functions are considered inoperative. *Refer to Item 34-40-02 Predictive GPWS Functions*

_____ Reference(s) _____

- (o) *Refer to OpsProc 22-70-01C Flight Management System (FMS) (Flight within radio nav aids)*

22-70-01D FMS 2 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

- (o) The FMS 2 may be inoperative provided that the flight remains within radio nav aids coverage.

_____ Reference(s) _____

- (o) *Refer to OpsProc 22-70-01D Flight Management System (FMS) (Flight within radio nav aids)*

22-70-01	Flight Management System (FMS)
-----------------	---------------------------------------

Ident.: MI-22-70-00007544.0001001 / 22 MAY 19

Applicable to: LY-COB, LY-COD, LY-EMU, LY-RAM

22-70-01C FMS 1 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

- (o) The FMS 1 may be inoperative provided that:
- 1) ETOPS is not conducted, and
 - 2) The flight remains within radio nav aids coverage.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>22 - AUTO FLIGHT</div> <div>22-70 - Flight Management System (FMS)</div>
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------

Continued from the previous page

Reference(s)

- (o) Refer to OpsProc 22-70-01C Flight Management System (FMS) (Flight within radio nav aids)

22-70-01D FMS 2 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

- (o) The FMS 2 may be inoperative provided that the flight remains within radio nav aids coverage.

Reference(s)

- (o) Refer to OpsProc 22-70-01D Flight Management System (FMS) (Flight within radio nav aids)

22-70-02	Navigation Database
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Ident.: MI-22-70-00007545.0001001 / 13 MAY 20

Applicable to: ALL

22-70-02A

Repair interval	Nbr installed	Nbr required	Placard
A	2	0	No

- (o) May be out of date for ten consecutive calendar days provided that:
 - 1) The procedures of the out-of-date navigation database changed in the current navigation database are not used (the procedures not changed may be used), and
 - 2) Alternate procedures are established and used, and
 - 3) The current aeronautical information (e.g. charts) is used to check the database navigation fixes (the coordinates, frequencies, status (as applicable)), and suitability of navigation facilities required for the intended route.

Reference(s)

- (o) Refer to OpsProc 22-70-02A Navigation Database

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 22 - AUTO FLIGHT 22-70 - Flight Management System (FMS)
-------------------------------------------------------------	---------------------------------------------------------------------------------------

22-70-03	Performance Information
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Ident.: MI-22-70-00007546.0001001 / 19 MAY 21

Applicable to: ALL

22-70-03A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

(o) One or both may be inoperative.

_____ Reference(s) _____

(o) *Refer to OpsProc 22-70-03A Performance Information*

22-70-04	Fuel/Time Prediction
-----------------	-----------------------------

Ident.: MI-22-70-00007547.0001001 / 19 MAY 21

Applicable to: ALL

22-70-04A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

(o) One or both may be inoperative.

_____ Reference(s) _____

(o) *Refer to OpsProc 22-70-04A Fuel/Time Prediction*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 22 - AUTO FLIGHT 22-70 - Flight Management System (FMS)
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 22 - AUTO FLIGHT 22-81 - Flight Control Unit (FCU) 22-81-01 - Auto Flight Control Panel (FCU)
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

22-81-01-01	AP Engagement pb
--------------------	-------------------------

Ident.: MI-22-81-01-00007549.0001001 / 22 MAR 10

Applicable to: ALL

22-81-01-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative provided that the associated autopilot (AP) is considered inoperative.

Refer to Item 22-10-01 Autopilot (AP)

22-81-01-02	A/THR Arming pb
--------------------	------------------------

Ident.: MI-22-81-01-00007550.0001001 / 22 MAR 10

Applicable to: ALL

22-81-01-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative provided that the autothrust (A/THR) is considered inoperative.

Refer to Item 22-30-01 Autothrust (A/THR)

22-81-01-03	Mode Engagement pb (LOC, EXPED, APPR)
--------------------	----------------------------------------------

Ident.: MI-22-81-01-00007551.0001001 / 22 MAY 19

Applicable to: ALL

22-81-01-03A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

- (o) One or more may be inoperative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 22-81-01-03A Mode Engagement pb*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 22 - AUTO FLIGHT 22-81 - Flight Control Unit (FCU) 22-81-01 - Auto Flight Control Panel (FCU)</p>
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------

22-81-01-04	Selection knob (ALT, HDG-TRK, SPD-MACH)
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Ident.: MI-22-81-01-00007552.0001001 / 22 MAR 10

Applicable to: **ALL**

22-81-01-04A

Repair interval	Nbr installed	Nbr required	Placard
-	3	3	No

Must be operative.

22-81-01-05	V/S-FPA Selection knob
--------------------	-------------------------------

Ident.: MI-22-81-01-00007553.0001001 / 22 MAR 10

Applicable to: **ALL**

22-81-01-05A

Repair interval	Nbr installed	Nbr required	Placard
B	1	0	Yes

May be inoperative provided that operations do not required its use.

22-81-01-06	HDG-V/S/TRK-FPA Change Over pb
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Ident.: MI-22-81-01-00007554.0001001 / 22 MAY 19

Applicable to: **ALL**

22-81-01-06A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative provided that the HDG-V/S selection is operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 22 - AUTO FLIGHT 22-81 - Flight Control Unit (FCU) 22-81-01 - Auto Flight Control Panel (FCU)
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

22-81-01-07	SPD/MACH Change Over pb
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Ident.: MI-22-81-01-00007555.0001001 / 22 MAY 19

Applicable to: ALL

22-81-01-07A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative provided that the SPD selection is operative.

22-81-01-08	METRIC ALT pb
--------------------	----------------------

Ident.: MI-22-81-01-00007556.0001001 / 22 MAR 10

Applicable to: ALL

22-81-01-08A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative.

22-81-01-09	Selection Window (SPD-MACH, HDG-TRK, ALT, V/S-FPA)
--------------------	-----------------------------------------------------------

Ident.: MI-22-81-01-00007557.0002001 / 22 MAY 19

1 Applicable to: ALL

22-81-01-09B

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	Yes

One or more may be inoperative provided that the associated indications are operative on both PFDs and both NDs.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 22 - AUTO FLIGHT 22-81 - Flight Control Unit (FCU) 22-81-01 - Auto Flight Control Panel (FCU)
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

22-81-01-10	AP1, AP2 and A/THR pb light Bars
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Ident.: MI-22-81-01-00007558.0001001 / 22 MAY 19

Applicable to: ALL

22-81-01-10A

Repair interval	Nbr installed	Nbr required	Placard
D	3	0	No

One or more may be inoperative provided that the associated indication is operative on both PFDs.

22-81-01-11	Mode Engagement (LOC, EXPED, APPR) pb light Bars
--------------------	---------------------------------------------------------

Ident.: MI-22-81-01-00007559.0001001 / 15 SEP 10

Applicable to: ALL

22-81-01-11A

Repair interval	Nbr installed	Nbr required	Placard
D	3	0	No

One or more may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 22 - AUTO FLIGHT 22-81 - Flight Control Unit (FCU) 22-81-02 - EFIS Control Panel (FCU)
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------

22-81-02-01	Baro Reference Display Window
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Ident.: MI-22-81-02-00007560.0001001 / 22 MAR 10

Applicable to: ALL

22-81-02-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative.

22-81-02-02	Baro Reference selector Outer Ring (in Hg/hPa)
--------------------	-------------------------------------------------------

Ident.: MI-22-81-02-00007561.0001001 / 22 MAR 10

Applicable to: ALL

22-81-02-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative provided that the unit required for the intended flight is operative on both EFIS control panels.

22-81-02-03	Baro Reference selector Inner knob
--------------------	-------------------------------------------

Ident.: MI-22-81-02-00007562.0001001 / 22 MAR 10

Applicable to: ALL

22-81-02-03A

Repair interval	Nbr installed	Nbr required	Placard
–	2	2	No

Both must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 22 - AUTO FLIGHT 22-81 - Flight Control Unit (FCU) 22-81-02 - EFIS Control Panel (FCU)
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------

22-81-02-04	FD pb
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Ident.: MI-22-81-02-00007563.0001001 / 22 MAR 10

Applicable to: ALL

22-81-02-04A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative provided that the associated FD is considered inoperative.
Refer to Item 22-10-02 Flight Director (FD)

22-81-02-05	LS pb
--------------------	--------------

Ident.: MI-22-81-02-00007564.0002001 / 13 MAY 20

Applicable to: ALL

22-81-02-05A

Repair interval	Nbr installed	Nbr required	Placard
–	2	0	No

One or both may be inoperative provided that the associated ILS, FLS, GLS, MLS are considered inoperative.

Refer to Item 34-30-04 Instrument Landing System (ILS)

Refer to MI-34-30 FLS 

22-81-02-06	Optional Data (ARPT, NDB, VOR.D, WPT, CSTR) Display pb
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Ident.: MI-22-81-02-00007565.0001001 / 22 MAR 10

Applicable to: ALL

22-81-02-06A

Repair interval	Nbr installed	Nbr required	Placard
C	10	0	Yes

One or more may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div> MEL ITEMS 22 - AUTO FLIGHT </div> <div> 22-81 - Flight Control Unit (FCU) 22-81-02 - EFIS Control Panel (FCU) </div>
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22-81-02-07	ND Range selector
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Ident.: MI-22-81-02-00007566.0001001 / 22 MAY 19
Applicable to: ALL

22-81-02-07A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

- (o) One may be inoperative provided that the ND unit associated with the operative ND range selector is operative.

Reference(s)

- (o) Refer to OpsProc 22-81-02-07A ND Range Selector

22-81-02-08	ND Mode selector
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Ident.: MI-22-81-02-00007567.0001001 / 22 MAY 19
Applicable to: ALL

22-81-02-08A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

- (o) One may be inoperative provided that the ND unit associated with the operative ND mode selector is operative.

Reference(s)

- (o) Refer to OpsProc 22-81-02-08A ND Mode Selector

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 22 - AUTO FLIGHT 22-81 - Flight Control Unit (FCU) 22-81-02 - EFIS Control Panel (FCU)
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------

22-81-02-09	ADF/VOR sw
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Ident.: MI-22-81-02-00007568.0001001 / 15 SEP 10

Applicable to: ALL

22-81-02-09A

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	No

One or more may be inoperative provided that the associated ADF/VOR indication on ND is considered inoperative.

Refer to Item 34-06-06 Radio Nav aids Indications on the ND

22-81-02-10	LS and FD pb light Bars
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Ident.: MI-22-81-02-00007569.0002001 / 22 MAY 19

Applicable to: ALL

22-81-02-10A

Repair interval	Nbr installed	Nbr required	Placard
D	4	0	No

One or more may be inoperative provided that the associated indication is operative on both PFDs.

22-81-02-11	Optional Data (ARPT, NDB, VOR.D, WPT, CSTR) Display pb light Bars
--------------------	--------------------------------------------------------------------------

Ident.: MI-22-81-02-00007570.0001001 / 15 SEP 10

Applicable to: ALL

22-81-02-11A

Repair interval	Nbr installed	Nbr required	Placard
D	10	0	No

One or more may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>22 - AUTO FLIGHT</div> <div>22-81 - Flight Control Unit (FCU)</div> <div>22-81-03 - FCU Channel</div>
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------

22-81-03-01	FCU Channel
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Ident.: MI-22-81-03-00007571.0001001 / 22 MAY 19

1 Applicable to: LY-COB, LY-ELK, LY-OWL

22-81-03-01A Non ETOPS flight

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) One may be inoperative provided that:
 - 1) ETOPS is not conducted, and
 - 2) Two RMPs, all DUs, both RAs, both LGCIUs, both FACs, both Automatic Cabin Pressure Control Systems, all ADIRUs and the Standby ALT Indicator are operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 22-81-03-01A FCU Channel*

22-81-03-01B ETOPS flight

Repair interval	Nbr installed	Nbr required	Placard
A	2	1	No

- (o) For ETOPS, one may be inoperative for one flight provided that two RMPs, all DUs, both RAs, both LGCIUs, both FACs, both Automatic Cabin Pressure Control Systems, all ADIRUs and the Standby ALT Indicator are operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 22-81-03-01B FCU Channel*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>22 - AUTO FLIGHT</div> <div>22-81 - Flight Control Unit (FCU)</div> <div>22-81-03 - FCU Channel</div>
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------

22-81-03-01	FCU Channel
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Ident.: MI-22-81-03-00007571.0002001 / 22 MAY 19

Applicable to: LY-COD, LY-EMU, LY-RAM

22-81-03-01A Non ETOPS flight

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) One channel may be inoperative provided that:
- 1) ETOPS is not conducted, and

2) Two RMPs, all DUs, both RAs, both LGCIUs, both FACs, both Automatic Cabin Pressure Control Systems, all ADIRUs and the ISIS altitude indication are operative.

Reference(s)

- (o) Refer to OpsProc 22-81-03-01A FCU Channel

22-81-03-01B ETOPS flight

Repair interval	Nbr installed	Nbr required	Placard
A	2	1	No

- (o) For ETOPS, one channel may be inoperative for one flight provided that two RMPs, all DUs, both RAs, both LGCIUs, both FACs, both Automatic Cabin Pressure Control Systems, all ADIRUs and the ISIS altitude indication are operative.

Reference(s)

- (o) Refer to OpsProc 22-81-03-01B FCU Channel

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 22 - AUTO FLIGHT 22-82 - Multipurpose Control and Display Unit (MCDU)
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------

22-82-01	MCDU 1
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Ident.: MI-22-82-00007572.0001001 / 22 MAY 19

Applicable to: ALL

22-82-01A Flight within nav aids coverage

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that:
- 1) ETOPS is not conducted, and
 - 2) The MCDU 2 is operative, and
 - 3) The flight remains within radio nav aids coverage.

_____ Reference(s) _____

- (o) Refer to OpsProc 22-82-01A MCDU 1

22-82-02	MCDU 2
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Ident.: MI-22-82-00007573.0001001 / 22 MAY 19

Applicable to: ALL

22-82-02A Flight within nav aids coverage

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that the flight remains within radio nav aids coverage.

_____ Reference(s) _____

- (o) Refer to OpsProc 22-82-02A MCDU 2

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 22 - AUTO FLIGHT 22-82 - Multipurpose Control and Display Unit (MCDU)
------------------------------------------------------	-----------------------------------------------------------------------------------------------------

22-82-04	MCDU Annunciator light
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Ident.: MI-22-82-00007575.0001001 / 13 MAY 20

Applicable to: ALL

22-82-04A

Repair interval	Nbr installed	Nbr required	Placard
C	-	0	Yes

One or more may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>22 - AUTO FLIGHT</div> <div>22-83 - Flight Management and Guidance Computer (FMGC)</div>
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------

22-83-01	Flight Management and Guidance Computer (FMGC)
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Ident.: MI-22-83-00007576.0001001 / 22 MAY 19

Applicable to: LY-COD, LY-RAM

22-83-01A FMGC 1 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

- (o) FMGC 1 may be inoperative provided that:
- 1) ETOPS is not conducted, and

2) FMGC 1 is deactivated, and

3) FMS 1 is considered inoperative,
Refer to Item 22-70-01 Flight Management System (FMS), and

4) AP 1 is considered inoperative,
Refer to Item 22-10-01 Autopilot (AP), and

5) FD 1 is considered inoperative,
Refer to Item 22-10-02 Flight Director (FD).
- Note:

When FMGC 1 is deactivated, the F/CTL MAINTENANCE message is displayed on the STATUS SD page. Refer to Item 27-00-01 F/CTL MAINTENANCE Message.

Reference(s)

- (o) Refer to OpsProc 22-83-01A Flight Management and Guidance Computer (FMGC)
- Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>22 - AUTO FLIGHT</div> <div>22-83 - Flight Management and Guidance Computer (FMGC)</div>
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------

Continued from the previous page

22-83-01B FMGC 2 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

- (o) FMGC 2 may be inoperative provided that:
- 1) FMGC 2 is deactivated, and

2) FMS 2 is considered inoperative,
Refer to Item 22-70-01 Flight Management System (FMS), and

3) AP 2 is considered inoperative,
Refer to Item 22-10-01 Autopilot (AP), and

4) FD 2 is considered inoperative,
Refer to Item 22-10-02 Flight Director (FD).

Note: When FMGC 2 is deactivated, the F/CTL MAINTENANCE message is displayed on the STATUS SD page. Refer to Item 27-00-01 F/CTL MAINTENANCE Message.

Reference(s)

- (o) Refer to OpsProc 22-83-01B Flight Management and Guidance Computer (FMGC)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>22 - AUTO FLIGHT</div> <div>22-83 - Flight Management and Guidance Computer (FMGC)</div>
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------

22-83-01	Flight Management and Guidance Computer (FMGC)
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Ident.: MI-22-83-00007576.0005001 / 22 MAY 19

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

22-83-01A FMGC 1 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

- (o) FMGC 1 may be inoperative provided that:
 - 1) ETOPS is not conducted, and
 - 2) FMGC 1 is deactivated, and
 - 3) FMS 1 is considered inoperative,
Refer to Item 22-70-01 Flight Management System (FMS), and
 - 4) AP 1 is considered inoperative,
Refer to Item 22-10-01 Autopilot (AP), and
 - 5) FD 1 is considered inoperative,
Refer to Item 22-10-02 Flight Director (FD) , and
 - 6) Associated ILS DME display on PFD is considered inoperative.
Refer to Item 34-50-04 DME.

Note: When FMGC 1 is deactivated, the F/CTL MAINTENANCE message is displayed on the STATUS SD page. Refer to Item 27-00-01 F/CTL MAINTENANCE Message.

_____ Reference(s) _____

- (o) Refer to OpsProc 22-83-01A Flight Management and Guidance Computer (FMGC)
Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL ITEMS 22 - AUTO FLIGHT 22-83 - Flight Management and Guidance Computer (FMGC) </div>
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

22-83-01B FMGC 2 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

- (o) FMGC 2 may be inoperative provided that:
- 1) FMGC 2 is deactivated, and
 - 2) FMS 2 is considered inoperative,
Refer to Item 22-70-01 Flight Management System (FMS), and
 - 3) AP 2 is considered inoperative,
Refer to Item 22-10-01 Autopilot (AP), and
 - 4) FD 2 is considered inoperative,
Refer to Item 22-10-02 Flight Director (FD) , and
 - 5) Associated ILS DME display on PFD is considered inoperative.
Refer to Item 34-50-04 DME.

Note: *When FMGC 2 is deactivated, the F/CTL MAINTENANCE message is displayed on the STATUS SD page. Refer to Item 27-00-01 F/CTL MAINTENANCE Message.*

_____ Reference(s) _____

- (o) *Refer to OpsProc 22-83-01B Flight Management and Guidance Computer (FMGC)*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>23 - COMMUNICATIONS</div> <div>23-00 - MAINTENANCE Message on the STATUS SD page</div>
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23-00-01	CIDS 1(2) MAINTENANCE Message
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Ident.: MI-23-00-00007581.0001001 / 19 NOV 19

Applicable to: ALL

23-00-01A

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	No

One or both CIDS 1(2) MAINTENANCE message may be displayed on the STATUS SD page.

Note: The complete failure of the CIDS function is indicated by ECAM alert COM CIDS 1+2 FAULT. Refer to Item 23-73-01-01 Cabin Intercommunication Data System (CIDS) Function

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-00 - MAINTENANCE Message on the STATUS SD page
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-01 - Overhead Panels 23-01-01 - RCDR Overhead Panel
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

23-01-01-32	CVR ERASE pb
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Ident.: MI-23-01-01-00007584.0001001 / 21 NOV 17

Applicable to: ALL

23-01-01-32A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	Yes

May be inoperative.

23-01-01-33	CVR TEST pb
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Ident.: MI-23-01-01-00007585.0001001 / 22 MAR 10

Applicable to: ALL

23-01-01-33A

Repair interval	Nbr installed	Nbr required	Placard
-	1	0	Yes

May be inoperative provided that the Cockpit Voice Recorder (CVR) is considered inoperative.

Refer to Item 23-71-01 Cockpit Voice Recorder (CVR)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-01 - Overhead Panels 23-01-01 - RCDR Overhead Panel
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-01 - Overhead Panels 23-01-02 - CALLS Overhead Panel
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------

23-01-02-31	CALLS ALL pb
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Ident.: MI-23-01-02-00007586.0001001 / 03 MAR 21

Applicable to: LY-COB

23-01-02-31A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	Yes

May be inoperative.

23-01-02-32	CALLS EMER pb, CALLS FWD pb, CALLS MID pb, CALLS EXIT pb, CALLS PURS pb, CALLS AFT pb
--------------------	--------------------------------------------------------------------------------------------------------

Ident.: MI-23-01-02-00007587.0001001 / 03 MAR 21

Applicable to: ALL

23-01-02-32A Use of passenger address system

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

One or more may be inoperative provided that the passenger address system is used for communication between the cockpit and the cabin.

23-01-02-32B Use of cockpit handset interphone

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

One or more may be inoperative provided that the cockpit handset interphone is used for communication between the cockpit and the cabin.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-01 - Overhead Panels 23-01-02 - CALLS Overhead Panel
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">23 - COMMUNICATIONS</p> <p style="text-align: center;">23-01 - Overhead Panels</p> <p style="text-align: center;">23-01-03 - AUDIO SWITCHING Overhead Panel</p>
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23-01-03-31	AUDIO SWITCHING selector
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Ident.: MI-23-01-03-00007616.0001001 / 27 JUN 11

Applicable to: ALL

23-01-03-31A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-01 - Overhead Panels 23-01-03 - AUDIO SWITCHING Overhead Panel
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>23 - COMMUNICATIONS</div> <div>23-09 - ECAM Alerts</div>
------------------------------------------------------	------------------------------------------------------------------------------------

23-09-01	COM HF 1(2) EMITTING Alert
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Ident.: MI-23-09-00007665.0001001 / 03 MAR 21

Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

23-09-01A

Repair interval	Nbr installed	Nbr required	Placard
-	1	-	No

- (o) One or both may be displayed provided that :

1) The alert is confirmed to be false by troubleshooting, and

2) The affected HF is deactivated and considered inoperative.

Refer to Item 23-10-01 HF Voice

Reference(s)
- (o) Refer to OpsProc 23-09-01A COM HF 1(2) EMITTING Alert (If Installed)

23-09-01	COM HF 1(2) EMITTING Alert
----------	----------------------------

Ident.: MI-23-09-00007665.9001002 / 03 MAR 21

Applicable to: LY-COB

23-09-01A

Repair interval	Nbr installed	Nbr required	Placard
-	2	-	No

- (o) One or both may be displayed provided that :

1) The alert is confirmed to be false by troubleshooting, and

2) The affected HF is deactivated and considered inoperative.

Refer to Item 23-10-01 HF Voice

Reference(s)
- (o) Refer to OpsProc 23-09-01A COM HF 1(2) EMITTING Alert (If Installed)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>23 - COMMUNICATIONS</div> <div>23-09 - ECAM Alerts</div>
------------------------------------------------------	------------------------------------------------------------------------------------

23-09-02	COM VHF 1(2)(3) EMITTING Alert (3 VHF ^s installed)
----------	---------------------------------------------------------------

Ident.: MI-23-09-00007666.0001001 / 22 MAY 19

Applicable to: ALL

23-09-02A

Repair interval	Nbr installed	Nbr required	Placard
-	3	-	No

- (o) One or more may be displayed provided that :
- 1) The alert is confirmed to be false by troubleshooting, and

2) The affected VHF is deactivated and considered inoperative.
- Refer to Item 23-10-02 VHF Voice (3 VHF^s installed)
- Reference(s)
- (o) Refer to OpsProc 23-09-02A COM VHF 1(2)(3) EMITTING Alert (3 VHF^s installed)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-10 - Speech Communication
-------------------------------------------------------------	--------------------------------------------------------------------------------

23-10-01	HF Voice
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Ident.: MI-23-10-00021776.0001001 / 22 MAY 19

Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

23-10-01A HF inoperative – Flight within VHF coverage

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

May be inoperative provided that:

- 1) ETOPS is not conducted, and
- 2) The aircraft is operated within VHF coverage.

23-10-01	HF Voice
-----------------	-----------------

Ident.: MI-23-10-00021776.0002001 / 22 MAY 19

1 Applicable to: LY-COB

23-10-01A One or both HF inoperative – Flight within VHF coverage

Repair interval	Nbr installed	Nbr required	Placard
D	2	0	No

One or both may be inoperative provided that:

- 1) ETOPS is not conducted, and
- 2) The aircraft is operated within VHF coverage.

23-10-01B HF2 inoperative – Flight within VHF coverage

Repair interval	Nbr installed	Nbr required	Placard
D	2	1	No

HF2 Voice may be inoperative provided that the aircraft is operated within VHF coverage.

23-10-01C HF2 inoperative and SATCOM operative – Flight outside VHF coverage

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) HF2 Voice may be inoperative provided that SATCOM Voice or SATCOM Data is operative.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 23 - COMMUNICATIONS 23-10 - Speech Communication</p>
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

Continued from the previous page

_____ Reference(s) _____

(o) *Refer to OpsProc 23-10-01C HF Voice*

23-10-01D HF1 inoperative and SATCOM operative – Flight outside VHF coverage

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) HF1 Voice may be inoperative provided that:
- 1) ETOPS is not conducted, and
 - 2) SATCOM Voice or SATCOM Data is operative.

_____ Reference(s) _____

(o) *Refer to OpsProc 23-10-01D HF Voice*

23-10-02	VHF Voice (2 VHFf)
-----------------	---------------------------

Ident.: MI-23-10-00021949.0001001 / 03 MAR 21
Applicable to: LY-COB, LY-RAM

23-10-02F

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	No

Both must be operative.

23-10-02	VHF Voice (2 VHFf)
-----------------	---------------------------

Ident.: MI-23-10-00021949.9001002 / 03 MAR 21
Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL

23-10-02F

Repair interval	Nbr installed	Nbr required	Placard
–	2	2	No

Both must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-10 - Speech Communication
-------------------------------------------------------------	--------------------------------------------------------------------------------

23-10-02	VHF Voice (3 VHF's installed)
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Ident.: MI-23-10-00007589.0002001 / 22 MAY 19

2 Applicable to: LY-RAM

23-10-02C VHF1 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	No

(o) VHF1 may be inoperative provided that:

- 1) ETOPS is not conducted, and
- 2) VHF3  is set to VOICE mode before each flight, and
- 3) VHF datalink communications  are considered inoperative.

Refer to Item 23-20-04 VHF Datalink



_____ Reference(s) _____

(o) *Refer to OpsProc 23-10-02C VHF Voice*

23-10-02D VHF2 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	No

(o) VHF2 may be inoperative provided that:

- 1) VHF3  is set to VOICE mode before each flight, and
- 2) VHF datalink communications  are considered inoperative.


Refer to Item 23-20-04 VHF Datalink

_____ Reference(s) _____

(o) *Refer to OpsProc 23-10-02D VHF Voice*

23-10-02E VHF3 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	No

VHF3 may be inoperative provided that VHF datalink communications  are considered inoperative.

Refer to Item 23-20-04 VHF Datalink

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-10 - Speech Communication
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-13 - Radio Management
------------------------------------------------------	----------------------------------------------------------------------------

23-13-01	Radio Management Panel (RMP)
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Ident.: MI-23-13-00007591.0001001 / 22 MAR 10

1 Applicable to: LY-COB, LY-RAM

23-13-01A

Repair interval	Nbr installed	Nbr required	Placard
–	2	2	No

All must be operative.

23-13-01	Radio Management Panel (RMP)
-----------------	-------------------------------------

Ident.: MI-23-13-00007591.0002001 / 22 MAR 10

Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL

23-13-01B

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	Yes

RMP 2 or RMP 3 may be inoperative.

23-13-02	RMP Selection Key
-----------------	--------------------------

Ident.: MI-23-13-00007592.0001001 / 22 MAR 10

Applicable to: ALL

23-13-02A

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	Yes

One may be inoperative on each RMP provided that :

- 1) VHF 1 selection key is operative on RMP 1, and
- 2) If HF is required, HF 1 selection key is operative on RMP 1.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-13 - Radio Management
------------------------------------------------------	----------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>23 - COMMUNICATIONS</div> <div>23-20 - Data Transmission and Automatic Calling</div>
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------

23-20-04	VHF Datalink
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Ident.: MI-23-20-00021799.0002001 / 03 DEC 21

1 Applicable to: ALL

2

23-20-04B Procedures do not require ATC datalink

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

- (o) May be inoperative provided that procedures do not require ATC datalink.

_____ Reference(s) _____

- (o) *Refer to OpsProc 23-20-04B VHF Datalink (procedures do not require ATC datalink)*

23-20-04C Procedures require ATC datalink

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative provided that alternate procedures are established and used for ATC communication.

_____ Reference(s) _____

- (o) *Refer to OpsProc 23-20-04C VHF Datalink (procedures require ATC datalink)*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-20 - Data Transmission and Automatic Calling
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>23 - COMMUNICATIONS</div> <div>23-31 - Passenger Address System</div>
------------------------------------------------------	-------------------------------------------------------------------------------------------------

23-31-01	Passenger Address System
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Ident.: MI-23-31-00007595.0001001 / 22 MAR 10

Applicable to: ALL

23-31-01A

Repair interval	Nbr installed	Nbr required	Placard
–	1	1	No

Must be operative.

- Note:
1. In the case of partial failure of the passenger address system, refer to the item(s) of the affected system(s).
 2. Total failure of the passenger address system (indicated by the **COM CIDS 1+2 FAULT** alert displayed on the EWD) is not permitted.

23-31-02	PA IN USE light
----------	-----------------

Ident.: MI-23-31-00007596.0001001 / 22 MAR 10

Applicable to: LY-RAM

23-31-02A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	Yes

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-31 - Passenger Address System
------------------------------------------------------	------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-40 - Interphone
------------------------------------------------------	----------------------------------------------------------------------

23-40-01	Ground External Horn
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Ident.: MI-23-40-00007597.0001001 / 27 JUN 11

Applicable to: ALL

23-40-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 23-40-01A Ground External Horn*

23-40-02	Flight Crew Interphone System
-----------------	--------------------------------------

Ident.: MI-23-40-00007598.0001001 / 22 MAR 10

Applicable to: ALL

23-40-02A

Repair interval	Nbr installed	Nbr required	Placard
–	1	1	No

Must be operative for each person on cockpit duty.

23-40-03	Flight Crew to Ground Communication System
-----------------	---------------------------------------------------

Ident.: MI-23-40-00007599.0001001 / 22 MAR 10

Applicable to: ALL

23-40-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 23-40-03A Flight Crew to Ground Communication System*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-40 - Interphone
------------------------------------------------------	----------------------------------------------------------------------

23-40-04	Service Interphone Jack
-----------------	--------------------------------

Ident.: MI-23-40-00007600.0001001 / 15 NOV 18
Applicable to: ALL

23-40-04A

Repair interval	Nbr installed	Nbr required	Placard
D	-	0	No

- (o) One or more may be inoperative.
- _____ Reference(s) _____
- (o) *Refer to OpsProc 23-40-04A Service Interphone Jack*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-51 - Audio Management
-------------------------------------------------------------	----------------------------------------------------------------------------

23-51-01	SELCAL Function
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Ident.: MI-23-51-00007601.0001001 / 22 MAR 10

Applicable to: ALL

23-51-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative.

23-51-02	Headset/Boomset
-----------------	------------------------

Ident.: MI-23-51-00007602.0001001 / 03 MAR 21

Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

23-51-02A

Repair interval	Nbr installed	Nbr required	Placard
D	3	–	Yes

One boomset (headset with boom microphone) must be operative for each crewmember on duty.

23-51-02	Headset/Boomset
-----------------	------------------------

Ident.: MI-23-51-00007602.9001002 / 03 MAR 21

Applicable to: LY-COB

23-51-02A

Repair interval	Nbr installed	Nbr required	Placard
D	4	–	Yes

One boomset (headset with boom microphone) must be operative for each crewmember on duty.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-51 - Audio Management
-------------------------------------------------------------	----------------------------------------------------------------------------

23-51-03	Hand Microphone
----------	-----------------

Ident.: MI-23-51-00007603.0001001 / 13 MAY 20

Applicable to: ALL

23-51-03A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

One or more may be inoperative, or missing, or removed.

23-51-04	Cockpit Loudspeaker
----------	---------------------

Ident.: MI-23-51-00007604.0001001 / 22 MAY 19

Applicable to: ALL

23-51-04A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

Only F/O loudspeaker may be inoperative provided that at least one crewmember on cockpit duty wears a boomset for the entire flight.

23-51-05	Cockpit Loudspeaker Volume Control
----------	------------------------------------

Ident.: MI-23-51-00007605.0001001 / 22 MAY 19

Applicable to: ALL

23-51-05A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) One may be inoperative provided that the affected crewmember on cockpit duty wears a boomset for the entire flight.

_____ Reference(s) _____

- (o) *Refer to OpsProc 23-51-05A Cockpit Loudspeaker Volume Control*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">23 - COMMUNICATIONS</p> <p style="text-align: center;">23-51 - Audio Management</p>
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

23-51-06	Sidestick PTT sw
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Ident.: MI-23-51-00007606.0001001 / 22 MAY 19
Applicable to: ALL

23-51-06B

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

(m) One or both may be inoperative in the open position (non transmitting position) provided that the INT/RAD sw on CAPT ACP, on F/O ACP and on ACP 3 are operative.

Note:

Apply the maintenance procedure only when the inoperative sidestick PTT sw is failed in the closed position (transmitting position).

Reference(s)

(m) Refer to AMM Task 23-51-00-040-001

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-51 - Audio Management
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-52 - Audio Control Panel (ACP)
-------------------------------------------------------------	-------------------------------------------------------------------------------------

23-52-01	CAPT and F/O ACP
-----------------	-------------------------

Ident.: MI-23-52-00007609.0001001 / 22 MAY 19

Applicable to: ALL

23-52-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

- (o) One may be inoperative provided that :
- 1) ACP 3 is operative, and
 - 2) The AUDIO SWITCHING selector is operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 23-52-01A CAPT and F/O ACP*

23-52-02	ACP 3
-----------------	--------------

Ident.: MI-23-52-00007610.0001001 / 22 MAR 10

Applicable to: ALL

23-52-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

23-52-05	ACP Transmission Key
-----------------	-----------------------------

Ident.: MI-23-52-00007613.0001001 / 22 MAR 10

Applicable to: ALL

23-52-05A

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	Yes

One may be inoperative on each ACP provided that :

- 1) VHF 1 transmission key is operative either on CAPT ACP or on F/O ACP, and
- 2) If HF is required, HF 1 transmission key is operative either on CAPT ACP or on F/O ACP.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-52 - Audio Control Panel (ACP)
-------------------------------------------------------------	-------------------------------------------------------------------------------------

23-52-06	ACP Reception knob
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Ident.: MI-23-52-00007614.0001001 / 22 MAR 10

Applicable to: ALL

23-52-06A

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	Yes

One may be inoperative on each ACP provided that :

- 1) VHF 1 reception knob is operative either on CAPT ACP or on F/O ACP, and
- 2) If HF is required, HF 1 reception knob is operative either on CAPT ACP or on F/O ACP, and
- 3) If ILS is required for approach, one ILS reception knob is operative either on CAPT ACP or on F/O ACP.

23-52-07	ACP Reception knob light
-----------------	---------------------------------

Ident.: MI-23-52-00007615.0001001 / 22 MAR 10

Applicable to: ALL

23-52-07A

Repair interval	Nbr installed	Nbr required	Placard
D	–	0	No

One or more may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>23 - COMMUNICATIONS</div> <div>23-71 - Cockpit Voice Recorder (CVR)</div>
------------------------------------------------------	-----------------------------------------------------------------------------------------------------

23-71-01	Cockpit Voice Recorder (CVR)
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Ident.: MI-23-71-00007617.0001001 / 21 NOV 17

Applicable to: ALL

23-71-01A

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	Yes

May be inoperative for three calendar days or eight flights, whichever occurs first.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-71 - Cockpit Voice Recorder (CVR)
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div> MEL ITEMS 23 - COMMUNICATIONS </div> <div> 23-72 - Cockpit Door Surveillance System (CDSS) </div>
------------------------------------------------------	---------------------------------------------------------------------------------------------------------

23-72-01	Cockpit Door Surveillance System (CDSS)
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Ident.: MI-23-72-00007618.0001001 / 22 MAY 19

Applicable to: ALL

23-72-01A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	Yes

- (o) May be inoperative provided that alternate procedures are established and used.

Reference(s)

- (o) Refer to OpsProc 23-72-01A Cockpit Door Surveillance System (CDSS)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-72 - Cockpit Door Surveillance System (CDSS)
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>23 - COMMUNICATIONS</div> <div>23-73 - Cabin Intercommunication Data System</div> <div>23-73-01 - Cabin Intercommunication Data System (CIDS)</div>
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

23-73-01-01	Cabin Intercommunication Data System (CIDS) Function
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Ident.: MI-23-73-01-00007619.0001001 / 19 NOV 19

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

23-73-01-01A

Repair interval	Nbr installed	Nbr required	Placard
–	1	1	No

The CIDS function must be operative.

- Note:
1. This MEL item relates to complete failure of the CIDS function (Complete failure of both CIDS Directors).
 2. Partial failure of one or both CIDS Directors is indicated by one or both CIDS 1(2) MAINTENANCE messages on the STATUS SD page only (ECAM alert COM CIDS 1+2 FAULT is not displayed).
Refer to Item 23-00-01 CIDS 1(2) MAINTENANCE Message.
 3. In the case of disturbance of the CIDS function, removal of the affected CIDS Director may recover normal operation of the CIDS function.
Refer to AMM TASK 23-73-00-040-001.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>23 - COMMUNICATIONS</div> <div>23-73 - Cabin Intercommunication Data System</div> <div>23-73-01 - Cabin Intercommunication Data System (CIDS)</div>
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

23-73-01-01	Cabin Intercommunication Data System (CIDS) Function
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Ident.: MI-23-73-01-00007619.0002001 / 19 NOV 19

Applicable to: LY-COD, LY-RAM

23-73-01-01A

Repair interval	Nbr installed	Nbr required	Placard
-	1	1	No

The CIDS function must be operative.

- Note:
- 1. This MEL item relates to complete failure of the CIDS function (Complete failure of both CIDS Directors).
 - 2. Partial failure of one or both CIDS Directors is indicated by one or both CIDS 1(2) MAINTENANCE messages on the STATUS SD page only (ECAM alert COM CIDS 1+2 FAULT is not displayed).
Refer to Item 23-00-01 CIDS 1(2) MAINTENANCE Message.
 - 3. In the case of disturbance of the CIDS function, deactivation of the affected CIDS Director may recover normal operation of the CIDS function.
Refer to AMM TASK 23-73-00-040-001.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 23 - COMMUNICATIONS 23-73 - Cabin Intercommunication Data System 23-73-02 - DEU A</p>
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23-73-02-01	Cabin DEU A
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Ident.: MI-23-73-02-00007620.0001001 / 03 MAR 21

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

23-73-02-01A Affected seat occupied

Repair interval	Nbr installed	Nbr required	Placard
C	26	–	No

- (o) One or more may be inoperative and affected passenger seat may be occupied provided that :
- 1) The passenger announcement can be heard throughout the cabin during the flight, and
 - 2) The passenger address system is used to alert the passengers when "Return to Seat / Fasten Seat Belt / No Smoking" signs are requested.

_____ Reference(s) _____

- (o) *Refer to OpsProc 23-73-02-01A Cabin DEU A*

23-73-02-01B Affected seat not occupied

Repair interval	Nbr installed	Nbr required	Placard
C	26	–	Yes

One or more may be inoperative provided that the affected seats are blocked and placarded inoperative.

23-73-02-01	Cabin DEU A
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Ident.: MI-23-73-02-00007620.9001002 / 03 MAR 21

Applicable to: LY-COD, LY-RAM

23-73-02-01A Affected seat occupied

Repair interval	Nbr installed	Nbr required	Placard
C	12	–	No

- (o) One or more may be inoperative and affected passenger seat may be occupied provided that :
- 1) The passenger announcement can be heard throughout the cabin during the flight, and
 - 2) The passenger address system is used to alert the passengers when "Return to Seat / Fasten Seat Belt / No Smoking" signs are requested.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 23 - COMMUNICATIONS 23-73 - Cabin Intercommunication Data System 23-73-02 - DEU A</p>
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Continued from the previous page

Reference(s)

(o) Refer to OpsProc 23-73-02-01A Cabin DEU A

23-73-02-01B Affected seat not occupied

Repair interval	Nbr installed	Nbr required	Placard
C	12	–	Yes

One or more may be inoperative provided that the affected seats are blocked and placarded inoperative.

23-73-02-02	Lavatory DEU A
Ident.: MI-23-73-02-00007621.0001001 / 03 MAR 21 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL	

23-73-02-02A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

One or more may be inoperative provided that the affected lavatory is closed and placarded inoperative.

23-73-02-02	Lavatory DEU A
Ident.: MI-23-73-02-00007621.9001002 / 03 MAR 21 Applicable to: LY-COD, LY-RAM	

23-73-02-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or more may be inoperative provided that the affected lavatory is closed and placarded inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 23 - COMMUNICATIONS 23-73 - Cabin Intercommunication Data System 23-73-03 - DEU B</p>
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23-73-03-01	Cabin DEU B
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Ident.: MI-23-73-03-00007622.0001001 / 22 MAY 19

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

23-73-03-01A

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	No

- (o) One or more may be inoperative provided that :
 - 1) One DEU B and the associated handset are operative at each pair of floor level exit doors, and
 - 2) The slide bottle pressure and door bottle pressure associated with each affected DEU B are checked on the associated direct reading pressure gauge before the first flight of each day.

Refer to Item 25-62-06 Cabin Door Slide Pressure Message on the PTP/FAP, and
Refer to Item 52-10-06 DOOR PRESS LOW/CHECK DOOR PRESSURE Message on the PTP/FAP

_____ Reference(s) _____

- (o) *Refer to OpsProc 23-73-03-01A Cabin DEU B*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>23 - COMMUNICATIONS</div> <div>23-73 - Cabin Intercommunication Data System</div> <div>23-73-03 - DEU B</div>
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23-73-03-01	Cabin DEU B
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Ident.: MI-23-73-03-00007622.0004001 / 22 MAY 19

Applicable to: LY-COD, LY-RAM

23-73-03-01B

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	No

- (o) One or more may be inoperative provided that:
- 1) One DEU B and the associated handset are operative at each pair of floor level exit doors, and

2) The slide bottle pressure and door bottle pressure associated with each affected DEU B are checked on the associated direct reading pressure gauge before the first flight of each day, and

3) The associated lavatory fire extinguisher system is checked operative, and

4) The absence of smoke in the affected lavatory is periodically checked.
- Refer to Item 25-62-06 Cabin Door Slide Pressure Message on the PTP/FAP, and
- Refer to Item 52-10-06 DOOR PRESS LOW/CHECK DOOR PRESSURE Message on the PTP/FAP, and
- Refer to Item 26-17-01 Lavatory Smoke Detection System.

Reference(s)

- (o) Refer to OpsProc 23-73-03-01B Cabin DEU B

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p align="center">MEL ITEMS</p> <p align="center">23 - COMMUNICATIONS</p> <p align="center">23-73 - Cabin Intercommunication Data System 23-73-04 - Cabin Individual Call</p>
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23-73-04-01	Passenger Call
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Ident.: MI-23-73-04-00007623.0001001 / 13 MAY 20

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

23-73-04-01A

Repair interval	Nbr installed	Nbr required	Placard
D	60	0	Yes

One or more may be inoperative.

23-73-04-01	Passenger Call
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Ident.: MI-23-73-04-00007623.9001002 / 13 MAY 20

Applicable to: LY-RAM

23-73-04-01A

Repair interval	Nbr installed	Nbr required	Placard
D	50	0	Yes

One or more may be inoperative.

23-73-04-01	Passenger Call
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Ident.: MI-23-73-04-00007623.9001003 / 13 MAY 20

Applicable to: LY-COD

23-73-04-01A

Repair interval	Nbr installed	Nbr required	Placard
D	48	0	Yes

One or more may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 23 - COMMUNICATIONS 23-73 - Cabin Intercommunication Data System 23-73-04 - Cabin Individual Call</p>
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23-73-04-02	Lavatory Call
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Ident.: MI-23-73-04-00021165.0001001 / 13 MAY 20

Applicable to: LY-COB, LY-COD, LY-ELK, LY-EMU, LY-OWL

23-73-04-02A

Repair interval	Nbr installed	Nbr required	Placard
D	3	0	Yes

One or more may be inoperative.

23-73-04-02	Lavatory Call
--------------------	----------------------

Ident.: MI-23-73-04-00021165.9001002 / 13 MAY 20

Applicable to: LY-RAM

23-73-04-02A

Repair interval	Nbr installed	Nbr required	Placard
D	2	0	Yes

One or more may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">23 - COMMUNICATIONS</p> <p style="text-align: center;">23-73 - Cabin Intercommunication Data System 23-73-05 - Cabin Loudspeaker</p>
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23-73-05-01	Cabin Loudspeaker
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Ident.: MI-23-73-05-00007624.0001001 / 27 MAY 21

Applicable to: LY-COB

23-73-05-01A

Repair interval	Nbr installed	Nbr required	Placard
C	31	0	No

- (o) One or more may be inoperative provided that no seat is occupied from which a passenger cannot hear a passenger announcement.

_____ Reference(s) _____

- (o) *Refer to OpsProc 23-73-05-01A Cabin Loudspeaker*

23-73-05-01	Cabin Loudspeaker
--------------------	--------------------------

Ident.: MI-23-73-05-00007624.9001002 / 27 MAY 21

Applicable to: LY-ELK, LY-OWL

23-73-05-01A

Repair interval	Nbr installed	Nbr required	Placard
C	33	0	No

- (o) One or more may be inoperative provided that no seat is occupied from which a passenger cannot hear a passenger announcement.

_____ Reference(s) _____

- (o) *Refer to OpsProc 23-73-05-01A Cabin Loudspeaker*

23-73-05-01	Cabin Loudspeaker
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Ident.: MI-23-73-05-00007624.9001003 / 27 MAY 21

Applicable to: LY-COD

23-73-05-01A

Repair interval	Nbr installed	Nbr required	Placard
C	35	0	No

- (o) One or more may be inoperative provided that no seat is occupied from which a passenger cannot hear a passenger announcement.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>23 - COMMUNICATIONS</div> <div>23-73 - Cabin Intercommunication Data System</div> <div>23-73-05 - Cabin Loudspeaker</div>
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Continued from the previous page

Reference(s)

- (o) Refer to OpsProc 23-73-05-01A Cabin Loudspeaker

23-73-05-01	Cabin Loudspeaker
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Ident.: MI-23-73-05-00007624.9001004 / 27 MAY 21

Applicable to: LY-RAM

23-73-05-01A

Repair interval	Nbr installed	Nbr required	Placard
C	37	0	No

- (o) One or more may be inoperative provided that no seat is occupied from which a passenger cannot hear a passenger announcement.

Reference(s)

- (o) Refer to OpsProc 23-73-05-01A Cabin Loudspeaker

23-73-05-01	Cabin Loudspeaker
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Ident.: MI-23-73-05-00007624.9001005 / 27 MAY 21

Applicable to: LY-EMU

23-73-05-01A

Repair interval	Nbr installed	Nbr required	Placard
C	39	0	No

- (o) One or more may be inoperative provided that no seat is occupied from which a passenger cannot hear a passenger announcement.

Reference(s)

- (o) Refer to OpsProc 23-73-05-01A Cabin Loudspeaker

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">23 - COMMUNICATIONS</p> <p style="text-align: center;">23-73 - Cabin Intercommunication Data System 23-73-05 - Cabin Loudspeaker</p>
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23-73-05-02	Lavatory Loudspeaker
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Ident.: MI-23-73-05-00007625.0001001 / 13 MAY 20
Applicable to: LY-COB, LY-COD, LY-ELK, LY-EMU, LY-OWL

23-73-05-02A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	No

- (o) One or more may be inoperative.
- _____ Reference(s) _____
- (o) *Refer to OpsProc 23-73-05-02A Lavatory Loudspeaker*

23-73-05-02	Lavatory Loudspeaker
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Ident.: MI-23-73-05-00007625.9001002 / 13 MAY 20
Applicable to: LY-RAM

23-73-05-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) One or more may be inoperative.
- _____ Reference(s) _____
- (o) *Refer to OpsProc 23-73-05-02A Lavatory Loudspeaker*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-73 - Cabin Intercommunication Data System 23-73-05 - Cabin Loudspeaker
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 23 - COMMUNICATIONS 23-73 - Cabin Intercommunication Data System 23-73-06 - Handset</p>
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23-73-06-01	Cockpit Handset
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Ident.: MI-23-73-06-00007626.0001001 / 22 MAY 19

Applicable to: ALL

23-73-06-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the cockpit audio control panel (ACP) is used for the communication between the cockpit and the cabin.

23-73-06-02	Cabin Handset
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Ident.: MI-23-73-06-00007627.0001001 / 03 MAR 21

Applicable to: ALL

23-73-06-02A

Repair interval	Nbr installed	Nbr required	Placard
C	3	–	Yes

- (o) One or more may be inoperative provided that one handset is operative at each pair of floor level exit doors.

_____ Reference(s) _____

- (o) *Refer to OpsProc 23-73-06-02A Cabin Handset*

23-73-06-03	Cabin Handset Key
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Ident.: MI-23-73-06-00007628.0001001 / 27 JUN 11

Applicable to: ALL

23-73-06-03A Passenger address and Cabin to cockpit interphone operative

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	Yes

One or more may be inoperative provided that:

- 1) Passenger address from the affected handset is operative, and
- 2) Cabin to cockpit interphone from affected handset is operative.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>23 - COMMUNICATIONS</div> <div>23-73 - Cabin Intercommunication Data System</div> <div>23-73-06 - Handset</div>
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

23-73-06-03B Affected handset considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	Yes

One or more may be inoperative provided that the affected handset is considered inoperative.

Refer to Item 23-73-06-02 Cabin Handset

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">23 - COMMUNICATIONS</p> <p style="text-align: center;">23-73 - Cabin Intercommunication Data System</p> <p style="text-align: center;">23-73-07 - Prerecorded Announcement and Music Reproducer (PRAM)</p>
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23-73-07-01	Prerecorded Announcement and Music Reproducer (PRAM)
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Ident.: MI-23-73-07-00007629.0001001 / 03 MAR 21

Applicable to: LY-COB, LY-ELK, LY-OWL

23-73-07-01A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

- (o) May be inoperative.

Note: *Application of the MEL is not necessary if only the music reproducer function of the PRAM is inoperative.*

_____ Reference(s) _____

- (o) *Refer to OpsProc 23-73-07-01A Prerecorded Announcement and Music Reproducer (PRAM) (If Installed)*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-73 - Cabin Intercommunication Data System 23-73-07 - Prerecorded Announcement and Music Reproducer (PRAM)
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>23 - COMMUNICATIONS</div> <div>23-73 - Cabin Intercommunication Data System</div> <div>23-73-08 - Cabin Assignment Module (CAM)</div>
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23-73-08-01	Cabin Assignment Module (CAM)
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Ident.: MI-23-73-08-00007630.0001001 / 22 MAR 10

Applicable to: ALL

23-73-08-01A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

May be inoperative or missing.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-73 - Cabin Intercommunication Data System 23-73-08 - Cabin Assignment Module (CAM)
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">23 - COMMUNICATIONS</p> <p style="text-align: center;">23-73 - Cabin Intercommunication Data System 23-73-10 - Smoke Detection Function</p>
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23-73-10-01	Smoke Detection Function (CIDS-SDF)
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Ident.: MI-23-73-10-00007632.0005001 / 27 JUN 11

Applicable to: LY-COD, LY-RAM

23-73-10-01B

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative provided that the restrictions concerning lavatory smoke detection system and cargo smoke detection system  are applied.

Refer to Item 26-17-01 Lavatory Smoke Detection System, and

Refer to Item 26-16-01 Smoke Detector in the FWD Cargo Compartment (if FWD cargo compartment smoke detection system installed) and

Refer to Item 26-16-02 Smoke Detector in the AFT and the BULK Cargo Compartments (if AFT cargo compartment smoke detection system installed).

Note: *Failure of a single CIDS-SDF channel is indicated by a MAINTENANCE message on the STATUS SD page.*

Refer to Item 26-00-01 SDCU/SMOKE MAINTENANCE Message

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-73 - Cabin Intercommunication Data System 23-73-10 - Smoke Detection Function
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-74 - Cabin Crew Panel
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23-74-01	Forward Attendant Panel
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Ident.: MI-23-74-00007634.0001001 / 27 JUN 11

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

23-74-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that associated Forward Attendant Panel functions are considered inoperative.

*Refer to Item 23-73-07-01 Prerecorded Announcement and Music Reproducer (PRAM), and
Refer to Item 23-74-12 CIDS Caution Light of the Forward Attendant Panel, and
Refer to Item 23-74-13 Lighting Module of the Forward Attendant Panel*

23-74-01	FAP Display Unit
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Ident.: MI-23-74-00007634.0004001 / 22 MAY 19

Applicable to: LY-COD, LY-RAM

23-74-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that the safety related messages on the FAP are considered inoperative.

Refer to Item 52-10-06 DOOR PRESS LOW/CHECK DOOR PRESSURE Message on the PTP/FAP, and

Refer to Item 25-62-06 Cabin Door Slide Pressure Message on the PTP/FAP, and

Refer to Item 25-62-07 Cabin Overwing Exit Slide Pressure Message on the PTP/FAP

_____ Reference(s) _____

- (o) *Refer to OpsProc 23-74-01A FAP Display Unit*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-74 - Cabin Crew Panel
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23-74-02	EMER pb on the Hardkey FAP Sub-panel
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Ident.: MI-23-74-00007648.0001001 / 27 JUN 11

Applicable to: ALL

23-74-02A

Repair interval	Nbr installed	Nbr required	Placard
–	1	1	No

Must be operative.

23-74-03	Other Controls on the Hardkey FAP Sub-panel
-----------------	----------------------------------------------------

Ident.: MI-23-74-00007649.0001001 / 27 JUN 11

Applicable to: ALL

23-74-03A

Repair interval	Nbr installed	Nbr required	Placard
D	–	0	No

One or more may be inoperative.

23-74-04	PTP Display Unit
-----------------	-------------------------

Ident.: MI-23-74-00007650.0001001 / 22 MAR 10

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

23-74-04A

Repair interval	Nbr installed	Nbr required	Placard
–	1	0	Yes

May be inoperative provided that the display of the safety related messages on PTP are considered inoperative.

Refer to Item 52-10-06 DOOR PRESS LOW/CHECK DOOR PRESSURE Message on the PTP/FAP, and

Refer to Item 25-62-06 Cabin Door Slide Pressure Message on the PTP/FAP, and

Refer to Item 25-62-07 Cabin Overwing Exit Slide Pressure Message on the PTP/FAP

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-74 - Cabin Crew Panel
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23-74-05	Door Bottle Pressure Monitoring on the PTP
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Ident.: MI-23-74-00007652.0001001 / 22 MAR 10

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

23-74-05A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 52-10-06 DOOR PRESS LOW/CHECK DOOR PRESSURE Message on the PTP/FAP

23-74-06	Door Bottle Pressure Monitoring on the FAP
-----------------	---------------------------------------------------

Ident.: MI-23-74-00007653.0004001 / 22 MAR 10

Applicable to: LY-COD, LY-RAM

23-74-06A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 52-10-06 DOOR PRESS LOW/CHECK DOOR PRESSURE Message on the PTP/FAP

23-74-07	Slide Pressure Monitoring on the PTP
-----------------	---------------------------------------------

Ident.: MI-23-74-00007655.0001001 / 11 FEB 15

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

23-74-07A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

*Refer to Item 25-62-06 Cabin Door Slide Pressure Message on the PTP/FAP
and Refer to Item 25-62-07 Cabin Overwing Exit Slide Pressure Message on the PTP/FAP*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-74 - Cabin Crew Panel
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23-74-08	Slide Pressure Monitoring on the FAP
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Ident.: MI-23-74-00007656.0004001 / 11 FEB 15

Applicable to: LY-COD, LY-RAM

23-74-08A

Repair interval	Nbr installed	Nbr required	Placard
–	–	–	–

*Refer to Item 25-62-06 Cabin Door Slide Pressure Message on the PTP/FAP
and Refer to Item 25-62-07 Cabin Overwing Exit Slide Pressure Message on the PTP/FAP*

23-74-09	Area Call Panel
-----------------	------------------------

Ident.: MI-23-74-00007660.0001001 / 13 MAY 20

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

23-74-09A

Repair interval	Nbr installed	Nbr required	Placard
D	4	0	Yes

One or more may be inoperative.

23-74-09	Area Call Panel
-----------------	------------------------

Ident.: MI-23-74-00007660.9001002 / 27 MAY 21

Applicable to: LY-COD, LY-RAM

23-74-09A

Repair interval	Nbr installed	Nbr required	Placard
D	4	0	Yes

One or more may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-74 - Cabin Crew Panel
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23-74-10	Attendant Indication Panel (AIP)
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Ident.: MI-23-74-00007661.0001001 / 27 MAY 21

Applicable to: ALL

23-74-10A

Repair interval	Nbr installed	Nbr required	Placard
D	3	0	Yes

One or more may be inoperative.

23-74-11	Additional Attendant Panel (AAP)
-----------------	-----------------------------------------

Ident.: MI-23-74-00007663.0001001 / 13 MAY 20

Applicable to: ALL

23-74-11A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	Yes

One or more may be inoperative.

23-74-12	CIDS Caution Light of the Forward Attendant Panel
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Ident.: MI-23-74-00013904.0001001 / 22 MAY 19

2 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

23-74-12A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that PTP messages are checked before each flight.

_____ Reference(s) _____

- (o) *Refer to OpsProc 23-74-12A CIDS Caution Light of the Forward Attendant Panel*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-74 - Cabin Crew Panel
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23-74-13	Lighting Module of the Forward Attendant Panel
-----------------	-------------------------------------------------------

Ident.: MI-23-74-00013905.0001001 / 22 MAY 19

3 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

23-74-13A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(o) May be inoperative.

Reference(s)

(o) Refer to OpsProc 23-74-13A Lighting Module of the Forward Attendant Panel

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>23 - COMMUNICATIONS</div> <div>23-99 - Controller Pilot Data Link Communications, CPDLC</div>
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23-99-01	Controller Pilot Data Link Communications, CPDLC
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Ident.: MI-23-99-20806750.9001001 / 03 DEC 21

Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL

I 1

23-99-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) (m) May be inoperative.
- Pull CPDLC/ACARS circuit breaker. If required, the transceiver may be removed for servicing and a blanking plate installed. Protect all disconnected connectors.

Reference(s)

- (o) Refer to OpsProc 23-99-01A Controller Pilot Data Link Communications. CPDLC

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 23 - COMMUNICATIONS 23-99 - Controller Pilot Data Link Communications, CPDLC
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div> MEL ITEMS 24 - ELECTRICAL POWER </div> <div> 24-00 - MAINTENANCE Messages on the STATUS SD page </div>
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24-00-01	DC BUS TIE <u>MAINTENANCE</u> Message
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Ident.: MI-24-00-00008421.0001001 / 22 MAR 10

Applicable to: ALL

24-00-01A

Repair interval	Nbr installed	Nbr required	Placard
C	-	-	No

DC BUS TIE MAINTENANCE message may be displayed on the STATUS SD page.

24-00-03	AC GEN <u>MAINTENANCE</u> Message
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Ident.: MI-24-00-00008423.0001001 / 22 MAR 10

Applicable to: ALL

24-00-03A

Repair interval	Nbr installed	Nbr required	Placard
C	-	-	No

AC GEN MAINTENANCE message may be displayed on the STATUS SD page.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 24 - ELECTRICAL POWER 24-00 - MAINTENANCE Messages on the STATUS SD page
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 24 - ELECTRICAL POWER 24-01 - Overhead Panels 24-01-01 - ELEC Overhead Panel
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24-01-01-01	BAT 1(2) pb-sw FAULT light
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Ident.: MI-24-01-01-00008424.0001001 / 22 MAR 10

Applicable to: ALL

24-01-01-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative.

24-01-01-02	BAT 1(2) pb-sw OFF light
--------------------	---------------------------------

Ident.: MI-24-01-01-00008425.0001001 / 22 MAR 10

Applicable to: ALL

24-01-01-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative.

24-01-01-03	GEN pb-sw FAULT light and APU GEN pb-sw FAULT light
--------------------	------------------------------------------------------------

Ident.: MI-24-01-01-00008426.0001001 / 22 MAY 19

Applicable to: ALL

24-01-01-03A

Repair interval	Nbr installed	Nbr required	Placard
C	3	1	Yes

One GEN pb-sw FAULT light and/or the APU GEN pb-sw FAULT light may be inoperative provided that the associated generator indications are operative on the ELEC SD page.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 24 - ELECTRICAL POWER 24-01 - Overhead Panels 24-01-01 - ELEC Overhead Panel
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24-01-01-04	GEN pb-sw OFF light and APU GEN pb-sw OFF light
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Ident.: MI-24-01-01-00008427.0001001 / 22 MAR 10

Applicable to: ALL

24-01-01-04A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

One or more may be inoperative.

24-01-01-05	AC ESS FEED pb-sw FAULT light
-------------	-------------------------------

Ident.: MI-24-01-01-00008428.0001001 / 22 MAY 19

Applicable to: ALL

24-01-01-05A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the AC ESS bus indication is operative on the ELEC SD page.

24-01-01-06	AC ESS FEED pb-sw ALTN light
-------------	------------------------------

Ident.: MI-24-01-01-00008429.0001001 / 22 MAY 19

Applicable to: ALL

24-01-01-06A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the AC ESS bus indication is operative on the ELEC SD page.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 24 - ELECTRICAL POWER 24-01 - Overhead Panels 24-01-01 - ELEC Overhead Panel
-------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------

24-01-01-07	EXT PWR pb AVAIL light
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Ident.: MI-24-01-01-00008430.0001001 / 13 MAY 20

Applicable to: ALL

24-01-01-07A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative.

_____ Reference(s) _____

- (o) Refer to OpsProc 24-01-01-07A EXT PWR pb AVAIL light

24-01-01-08	EXT PWR pb ON light
-------------	---------------------

Ident.: MI-24-01-01-00008431.0001001 / 13 MAY 20

Applicable to: ALL

24-01-01-08A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

24-01-01-09	GALLEY pb-sw FAULT light
-------------	--------------------------

Ident.: MI-24-01-01-00008432.0001001 / 22 MAY 19

1 Applicable to: LY-COB

24-01-01-09A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that:
- 1) For each generator, the AC load indication is operative on the ELEC SD page, and
 - 2) The galley automatic load shed system is checked operative.

_____ Reference(s) _____

- (o) Refer to OpsProc 24-01-01-09A GALLEY/GALY & CAB pb-sw FAULT light

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 24 - ELECTRICAL POWER 24-01 - Overhead Panels 24-01-01 - ELEC Overhead Panel
-------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------

24-01-01-09	GALY & CAB pb-sw FAULT light
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Ident.: MI-24-01-01-00008432.0002001 / 22 MAY 19

Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

24-01-01-09A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that:
- 1) For each generator, the AC load indication is operative on the ELEC SD page, and
 - 2) The GALY & CAB automatic load shed system is checked operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 24-01-01-09A GALLEY/GALY & CAB pb-sw FAULT light*

24-01-01-10	GALLEY pb-sw OFF light
-------------	-------------------------------

Ident.: MI-24-01-01-00008433.0001001 / 22 MAR 10

2 Applicable to: LY-COB

24-01-01-10A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

24-01-01-10	GALY & CAB pb-sw OFF light
-------------	---------------------------------------

Ident.: MI-24-01-01-00008433.0002001 / 22 MAR 10

Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

24-01-01-10A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 24 - ELECTRICAL POWER 24-01 - Overhead Panels 24-01-01 - ELEC Overhead Panel
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------

24-01-01-11	COMMERCIAL pb-sw OFF light
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Ident.: MI-24-01-01-00008434.0004001 / 22 MAR 10

Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

24-01-01-11A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

24-01-01-12	BUS TIE pb-sw OFF light
-------------	--------------------------------

Ident.: MI-24-01-01-00008435.0001001 / 22 MAR 10

Applicable to: ALL

24-01-01-12A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

24-01-01-13	IDG pb-sw FAULT light
-------------	------------------------------

Ident.: MI-24-01-01-00008436.0001001 / 22 MAY 19

Applicable to: ALL

24-01-01-13A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

One may be inoperative provided that the frequency and the temperature indications of the affected generator are operative on the ELEC SD page.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 24 - ELECTRICAL POWER 24-01 - Overhead Panels 24-01-01 - ELEC Overhead Panel
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div> MEL ITEMS 24 - ELECTRICAL POWER 24-01 - Overhead Panels 24-01-02 - EMER ELEC PWR Overhead Panel </div>
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------

24-01-02-01	RAT & EMER GEN FAULT light
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Ident.: MI-24-01-02-00008437.0001001 / 22 MAR 10

Applicable to: ALL

24-01-02-01A

Repair interval	Nbr installed	Nbr required	Placard
B	1	0	Yes

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 24 - ELECTRICAL POWER 24-01 - Overhead Panels 24-01-02 - EMER ELEC PWR Overhead Panel
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 24 - ELECTRICAL POWER 24-07 - Indications on the ELEC SD page</p>
-------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------

24-07-01	AC Generation Indications on the <u>ELEC</u> SD page
-----------------	-------------------------------------------------------------

Ident.: MI-24-07-00008472.0001001 / 22 MAY 19

Applicable to: ALL

24-07-01A

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	No

- (o) One or more indications related to the AC generation may be inoperative provided that:
- 1) The load, voltage, and frequency indications are operative on one engine driven generator , and
 - 2) The associated **ELEC GEN 1(2) FAULT** alert is operative, and
 - 3) The galley automatic load shed system is checked operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 24-07-01A AC Generation Indications on the ELEC SD page*

24-07-02	DC Generation Indications on the <u>ELEC</u> SD page
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Ident.: MI-24-07-00008474.0001001 / 22 MAR 10

Applicable to: ALL

24-07-02A

Repair interval	Nbr installed	Nbr required	Placard
C	–	0	No

One or more indications related to the DC generation may be inoperative.

24-07-03	AC ESS BUS SHED Indication on the <u>ELEC</u> SD page
-----------------	--------------------------------------------------------------

Ident.: MI-24-07-00008475.0001001 / 22 MAR 10

Applicable to: ALL

24-07-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be displayed.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 24 - ELECTRICAL POWER 24-07 - Indications on the ELEC SD page
------------------------------------------------------	---------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>24 - ELECTRICAL POWER</div> <div>24-09 - ECAM Alerts</div>
------------------------------------------------------	--------------------------------------------------------------------------------------

24-09-01	ELEC AC ESS BUS SHED Alert
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Ident.: MI-24-09-00008477.0001001 / 22 MAY 19

Applicable to: LY-ELK, LY-OWL

24-09-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be displayed provided that:
 - 1) The alert is confirmed to be false by troubleshooting, and
 - 2) The AC ESS BUS SHED is checked operative before each flight.

Reference(s)

- (o) Refer to OpsProc 24-09-01A ELEC AC ESS BUS SHED Alert

24-09-01	ELEC AC ESS BUS SHED Alert
----------	----------------------------

Ident.: MI-24-09-00008477.0002001 / 22 MAY 19

1 Applicable to: LY-COB, LY-COD, LY-EMU, LY-RAM

24-09-01A

Repair interval	Nbr installed	Nbr required	Placard
–	1	0	No

- (o) May be displayed provided that:
 - 1) The alert is confirmed to be false by troubleshooting, and
 - 2) The AC ESS BUS SHED is checked operative before each flight, and
 - 3) HF 1 is deactivated.

Refer to Item 23-10-01 HF Voice

Reference(s)

- (o) Refer to OpsProc 24-09-01A ELEC AC ESS BUS SHED Alert

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 24 - ELECTRICAL POWER 24-09 - ECAM Alerts
------------------------------------------------------	-------------------------------------------------------------------------

24-09-02	C/B TRIPPED Alert
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Ident.: MI-24-09-00008479.0001001 / 22 MAR 10

Applicable to: ALL

24-09-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(m) May be displayed provided that the alert is confirmed to be false by troubleshooting.

Reference(s)

(m) Refer to AMM 24-50-00-040-001

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>24 - ELECTRICAL POWER</div> <div>24-22 - AC Main Generation</div>
------------------------------------------------------	---------------------------------------------------------------------------------------------

24-22-01	AC Main Generation (IDG, GCU, Line Contactor)
----------	-----------------------------------------------

Ident.: MI-24-22-00008438.0002001 / 22 MAY 19

Applicable to: LY-COD, LY-RAM

24-22-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

- (o)(m) One may be inoperative provided that:
- 1) ETOPS is not conducted, and

2) The flight altitude is limited to 33 500 ft, and

3) The APU and AC auxiliary generation are operative and used throughout the flight, and

4) The APU fuel pump is operative, and

5) The APU oil quantity is checked to be adequate before each flight, and

6) All busses have power, and

7) The indications and alerts for the remaining AC main generation and the AC auxiliary generation are operative, and

8) The galley automatic load shed system is checked operative.

Reference(s)

- (o) Refer to OpsProc 24-22-01A AC Main Generation (IDG, GCU, Line Contactor)
- (m) Refer to AMM Task 24-20-00-040-001

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>24 - ELECTRICAL POWER</div> <div>24-22 - AC Main Generation</div>
------------------------------------------------------	---------------------------------------------------------------------------------------------

24-22-01	AC Main Generation (IDG, GCU, Line Contactor)
----------	-----------------------------------------------

Ident.: MI-24-22-00008438.0005001 / 22 MAY 19

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

24-22-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

- (o) One may be inoperative provided that:
- 1) ETOPS is not conducted, and

2) The flight altitude is limited to 33 500 ft, and

3) The APU and AC auxiliary generation are operative and used throughout the flight, and

4) The APU fuel pump is operative, and

5) The APU oil quantity is checked to be adequate before each flight, and

6) The fuel recirculation system associated with the operative IDG is checked operative before each flight, and

7) All busses have power, and

8) The indications and alerts for the remaining AC main generation and the AC auxiliary generation are operative, and

9) The galley automatic load shed system is checked operative.

10) If the associated IDG is disconnected, the inner/wing tank fuel temperature on the affected side is checked to be above -30 °C before takeoff.

11) If the associated IDG is disconnected, the inner/wing tank fuel temperature on the affected side is monitored in flight and checked to be above -43 °C.

Reference(s)

- (o) Refer to OpsProc 24-22-01A AC Main Generation (IDG, GCU, Line Contactor)
- (m) Refer to AMM Task 24-20-00-040-001

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 24 - ELECTRICAL POWER 24-22 - AC Main Generation
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24-22-02	AC Bus Tie Control Function
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Ident.: MI-24-22-00008439.0001001 / 22 MAR 10

Applicable to: ALL

24-22-02A

Repair interval	Nbr installed	Nbr required	Placard
-	1	1	No

Must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 24 - ELECTRICAL POWER 24-22 - AC Main Generation
------------------------------------------------------	--------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">24 - ELECTRICAL POWER</p> <p style="text-align: center;">24-23 - AC Auxiliary Generation</p>
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

24-23-01	<p style="text-align: center;">AC Auxiliary Generation (APU Generator, GCU or GAPCU Auxiliary Power Control function, Line Contactor)</p>
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Ident.: MI-24-23-00008440.0002001 / 22 MAY 19

1 Applicable to: ALL

Note: When the GPCU/GAPCU Auxiliary Power Control function and the APU Generator are both inoperative, the engines cannot be started.

24-23-01A Non ETOPS flight and APU GEN pb-sw set to OFF

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that:
- 1) ETOPS is not conducted, and
 - 2) The APU GEN pb-sw is set to OFF.

_____ Reference(s) _____

- (o) Refer to OpsProc 24-23-01A AC Auxiliary Generation (APU Generator, GCU or GAPCU Auxiliary Power Control function, Line Contactor) (APU GEN pb-sw set to OFF)

24-23-01B ETOPS 120 min flight and APU GEN pb-sw set to OFF

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	Yes

- (o) May be inoperative for four flights provided that:
- 1) ETOPS beyond 120 min is not conducted, and
 - 2) The APU GEN pb-sw is set to OFF.

_____ Reference(s) _____

- (o) Refer to OpsProc 24-23-01B AC Auxiliary Generation (APU Generator, GCU or GAPCU Auxiliary Power Control function, Line Contactor) (APU GEN pb-sw set to OFF)

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>24 - ELECTRICAL POWER</div> <div>24-23 - AC Auxiliary Generation</div>
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Continued from the previous page

24-23-01C Non ETOPS flight and AC auxiliary generation deactivated or removed

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	Yes

- (o) (m) May be inoperative provided that:
 - 1) ETOPS is not conducted, and
 - 2) The AC auxiliary generation is deactivated or removed.

Reference(s)

- (o) Refer to OpsProc 24-23-01C AC Auxiliary Generation (APU Generator, GCU or GAPCU Auxiliary Power Control function, Line Contactor) (AC auxiliary generation deactivated or removed)
- (m) Refer to AMM Task

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 24 - ELECTRICAL POWER 24-24 - AC Emergency Generation
-------------------------------------------------------------	-------------------------------------------------------------------------------------

24-24-01	Emergency Generator
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Ident.: MI-24-24-00008441.0001001 / 22 MAR 10
Applicable to: ALL

24-24-01A

Repair interval	Nbr installed	Nbr required	Placard
-	1	1	No

Must be operative.

24-24-02	RAT Extension Automatic Control
-----------------	----------------------------------------

Ident.: MI-24-24-00008442.0001001 / 22 MAY 19
Applicable to: ALL

24-24-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (m) May be inoperative provided that:
- 1) ETOPS is not conducted, and
 - 2) The RAT extension manual control is checked operative every day.

_____ Reference(s) _____

(m) *Refer to AMM Task 24-20-00-040-002*

24-24-03	RAT Extension Manual Control
-----------------	-------------------------------------

Ident.: MI-24-24-00008443.0001001 / 22 MAY 19
Applicable to: ALL

24-24-03A

Repair interval	Nbr installed	Nbr required	Placard
B	1	0	Yes

May be inoperative provided that ETOPS is not conducted.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 24 - ELECTRICAL POWER 24-24 - AC Emergency Generation
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">24 - ELECTRICAL POWER</p> <p style="text-align: center;">24-25 - AC Essential Generation Switching</p>
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24-25-01	Manual Transfer to the AC BUS 2 (ALTN Function)
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Ident.: MI-24-25-00008444.0001001 / 22 MAY 19

Applicable to: ALL

24-25-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that:
- 1) The AC ESS FEED pb-sw is set to NORM, and
 - 2) It is checked on the ELEC SD page that the AC BUS 1 supplies the AC ESS BUS, and
 - 3) The TR 2 is operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 24-25-01A Manual Transfer to the AC BUS 2 (ALTN Function)*

24-25-02	Automatic Transfer to the AC BUS 2
-----------------	-------------------------------------------

Ident.: MI-24-25-00008445.0001001 / 22 MAY 19

Applicable to: ALL

24-25-02A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	Yes

- (o) May be inoperative provided that:
- 1) The AC ESS FEED pb-sw is set to NORM, and
 - 2) It is checked on the ELEC SD page that the AC BUS 1 supplies the AC ESS BUS, and
 - 3) The TR 2 is operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 24-25-02A Automatic Transfer to the AC BUS 2*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 24 - ELECTRICAL POWER 24-25 - AC Essential Generation Switching
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 24 - ELECTRICAL POWER 24-26 - Galley and Commercial Supply System</p>
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------

24-26-01	Galley Automatic Load Shed System
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Ident.: MI-24-26-00008446.0001001 / 22 MAY 19

1 Applicable to: LY-COB

24-26-01A Manual load shed system operative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the manual load shed system and the GALLEY pb-sw FAULT light are operative.

24-26-01B All galley loads disconnected

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(m) May be inoperative provided that all galley loads are disconnected.

_____ Reference(s) _____

(m) Refer to AMM Task 24-56-00-040-001

24-26-01	GALY & CAB Automatic Load Shed System
-----------------	--------------------------------------------------

Ident.: MI-24-26-00008446.0002001 / 22 MAY 19

Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

24-26-01A Manual load shed system operative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the manual load shed system and the GALY & CAB pb-sw FAULT light are operative.

24-26-01B All GALY & CAB loads disconnected

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(m) May be inoperative provided that all GALY & CAB loads are disconnected.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 24 - ELECTRICAL POWER 24-26 - Galley and Commercial Supply System</p>
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

_____ Reference(s) _____

(m) *Refer to AMM Task 24-56-00-040-001*

24-26-02	Galley Manual Load Shed System (GALLEY pb-sw)
-----------------	------------------------------------------------------

Ident.: MI-24-26-00008448.0001001 / 22 MAR 10

2 Applicable to: LY-COB

24-26-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(m) May be inoperative provided that all galley loads are disconnected.

_____ Reference(s) _____

(m) *Refer to AMM 24-56-00-040-003*

24-26-02	GALY & CAB Manual Load Shed System (GALY & CAB pb-sw)
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Ident.: MI-24-26-00008448.0004001 / 19 NOV 19

Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

24-26-02A All GALY & CAB loads disconnected

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(m) May be inoperative provided that all GALY & CAB loads are disconnected.

_____ Reference(s) _____

(m) *Refer to AMM Task*

24-26-02B COMMERCIAL supply system operative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(o) (m) May be inoperative provided that the COMMERCIAL supply system is checked operative.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div> MEL ITEMS 24 - ELECTRICAL POWER 24-26 - Galley and Commercial Supply System </div>
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Continued from the previous page

Reference(s)

- (o) Refer to OpsProc 24-26-02B Galley Manual Load Shed System (GALLEY/GALY & CAB pb-sw)
- (m) Refer to AMM Task 24-51-00-040-001

24-26-03	Commercial Supply System
Ident.: MI-24-26-00008449.0001001 / 22 MAY 19 Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM	

24-26-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative.

Reference(s)

- (o) Refer to OpsProc 24-26-03A Commercial Supply System

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 24 - ELECTRICAL POWER 24-26 - Galley and Commercial Supply System
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>24 - ELECTRICAL POWER</div> <div>24-28 - Static Inverter AC Generation</div>
------------------------------------------------------	--------------------------------------------------------------------------------------------------------

24-28-01	Static Inverter AC Generation
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Ident.: MI-24-28-00008457.0001001 / 22 MAR 10

Applicable to: ALL

24-28-01A

Repair interval	Nbr installed	Nbr required	Placard
-	1	1	No

Must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 24 - ELECTRICAL POWER 24-28 - Static Inverter AC Generation
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 24 - ELECTRICAL POWER 24-32 - DC Main Generation (TR 1, TR 2)</p>
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24-32-01	DC Main Generation (TR 1, TR 2)
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Ident.: MI-24-32-00008458.0001001 / 22 MAY 19

1 Applicable to: LY-COB, LY-ELK, LY-OWL

24-32-01A TR 1 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(o) TR 1 may be inoperative provided that ETOPS is not conducted.

_____ Reference(s) _____

(o) *Refer to OpsProc 24-32-01A DC Main Generation (TR 1 inoperative)*

24-32-01B TR 2 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(o)(m) TR 2 may be inoperative provided that:

- 1) ETOPS is not conducted, and
- 2) The AC ESS FEED control is checked operative every day, and
- 3) The standby IAS indicator is operative, and
- 4) The standby altimeter is operative, and
- 5) The standby horizon is operative, and
- 6) The standby compass is operative.

_____ Reference(s) _____

(o) *Refer to OpsProc 24-32-01B DC Main Generation (TR 2 inoperative)*

(m) *Refer to AMM Task 24-30-00-040-002*

24-32-01	DC Main Generation (TR 1, TR 2)
-----------------	----------------------------------------

Ident.: MI-24-32-00008458.0002001 / 22 MAY 19

Applicable to: LY-COD, LY-EMU, LY-RAM

24-32-01A TR 1 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(o) TR 1 may be inoperative provided that ETOPS is not conducted.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>24 - ELECTRICAL POWER</div> <div>24-32 - DC Main Generation (TR 1, TR 2)</div>
------------------------------------------------------	----------------------------------------------------------------------------------------------------------

Continued from the previous page

Reference(s)

- (o) Refer to OpsProc 24-32-01A DC Main Generation (TR 1 inoperative)

24-32-01B TR 2 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o)(m) TR 2 may be inoperative provided that:
 - 1) ETOPS is not conducted, and
 - 2) The AC ESS FEED control is checked operative every day, and
 - 3) The ISIS airspeed indication is operative, and
 - 4) The ISIS altitude indication is operative, and
 - 5) The ISIS attitude indication is operative, and
 - 6) The standby compass is operative.

Reference(s)

- (o) Refer to OpsProc 24-32-01B DC Main Generation (TR 2 inoperative)
- (m) Refer to AMM Task 24-30-00-040-002

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">24 - ELECTRICAL POWER</p> <p style="text-align: center;">24-34 - DC Emergency Generation (ESS TR)</p>
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

24-34-01	DC Emergency Generation (ESS TR)
-----------------	-----------------------------------------

Ident.: MI-24-34-00008460.0001001 / 22 MAR 10

Applicable to: ALL

24-34-01A

Repair interval	Nbr installed	Nbr required	Placard
-	1	1	No

Must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 24 - ELECTRICAL POWER 24-34 - DC Emergency Generation (ESS TR)
------------------------------------------------------	----------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 24 - ELECTRICAL POWER 24-35 - DC Essential and Normal Generation Switching</p>
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------

24-35-01	DC TIE Contactor 1PC1 (DC BUS 1-DC BAT BUS), 4PC (DC ESS BUS-DC BAT BUS)
-----------------	---------------------------------------------------------------------------------

Ident.: MI-24-35-00008462.0001001 / 22 MAR 10

Applicable to: ALL

24-35-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

One may be inoperative in the open position.

24-35-02	DC TIE Contactor 1PC2 (DC BUS 2-DC BAT BUS)
-----------------	----------------------------------------------------

Ident.: MI-24-35-00008463.0001001 / 22 MAR 10

Applicable to: ALL

24-35-02A

Repair interval	Nbr installed	Nbr required	Placard
–	1	1	No

Must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 24 - ELECTRICAL POWER 24-35 - DC Essential and Normal Generation Switching
------------------------------------------------------	----------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>24 - ELECTRICAL POWER</div> <div>24-38 - DC Battery Generation</div>
------------------------------------------------------	------------------------------------------------------------------------------------------------

24-38-01	BAT 1(2) Channel
----------	------------------

Ident.: MI-24-38-00008464.0001001 / 22 MAR 10

Applicable to: ALL

24-38-01A

Repair interval	Nbr installed	Nbr required	Placard
-	2	2	No

Must be operative.

24-38-02	Battery Charger Limiter (BCL)
----------	-------------------------------

Ident.: MI-24-38-00008465.0001001 / 22 MAY 19

Applicable to: ALL

24-38-02A

Repair interval	Nbr installed	Nbr required	Placard
A	2	1	No

- (o) (m) One may be inoperative for 10 flights provided that:
- 1) ETOPS is not conducted, and

2) No APU start is attempted neither on ground nor in flight, and

3) Both AC main generations are operative, and

4) The refueling is made with an external power unit connected, and

5) The battery associated with the inoperative BCL is charged before each flight.

Reference(s)

- (o) Refer to OpsProc 24-38-02A Battery Charger Limiter (BCL)
- (m) Refer to AMM Task 24-30-00-040-001

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>24 - ELECTRICAL POWER</div> <div>24-38 - DC Battery Generation</div>
------------------------------------------------------	------------------------------------------------------------------------------------------------

24-38-03	Battery Voltmeter
----------	-------------------

Ident.: MI-24-38-00008466.0001001 / 22 MAR 10

Applicable to: ALL

24-38-03A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative provided that the associated voltage indication is operative on the ELEC SD page.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>24 - ELECTRICAL POWER</div> <div>24-41 - AC External Power Control</div>
------------------------------------------------------	----------------------------------------------------------------------------------------------------

24-41-01	<div>Ground Power Control (GPCU or</div> <div>GAPCU Ground Power Control function)</div>
----------	------------------------------------------------------------------------------------------

Ident.: MI-24-41-00008468.0001001 / 18 JUL 12

Applicable to: ALL

24-41-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative.

Note: *When the GPCU/GAPCU Ground Power Control function and the APU Generator are both inoperative, the engines cannot be started.*

24-41-02	<div>External Power Receptacle</div>
----------	--------------------------------------

Ident.: MI-24-41-00008471.0001001 / 13 MAY 20

Applicable to: ALL

24-41-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (m) May be inoperative provided that:
- 1) The receptacle is visually inspected, placarded inoperative and not used, and
 - 2) The EXT PWR pb is placarded inoperative.

Note: *When the GPCU/GAPCU Ground Power Control function and the APU Generator are both inoperative, the engines cannot be started.*

_____ Reference(s) _____

(m) *Refer to AMM Task 24-41-00-040-001*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 24 - ELECTRICAL POWER 24-41 - AC External Power Control
------------------------------------------------------	---------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-07 - Indications on the DOOR/OXY SD page
-------------------------------------------------------------	------------------------------------------------------------------------------------------------------

25-07-01	Cabin Door Slide Permanently Indicated Armed on the <u>DOOR/OXY</u> SD page
-----------------	----------------------------------------------------------------------------------------

Ident.: MI-25-07-00008583.0001001 / 22 MAY 19

Applicable to: ALL

Note: The correct indication may be recovered by performing the AMM task 52-70-00-040-007.

25-07-01A

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	No

- (o) One or more may be permanently indicated in the armed position provided that the associated slide is visually checked to be armed before each flight.

Reference(s)

- (o) Refer to OpsProc 25-07-01A Cabin Door Slide Permanently Indicated Armed on the DOOR/OXY SD page

25-07-02	Cabin Door Slide Permanently Indicated Not Armed on the <u>DOOR/OXY</u> SD page
-----------------	--------------------------------------------------------------------------------------------

Ident.: MI-25-07-00008584.0001001 / 22 MAY 19

Applicable to: ALL

Note: The correct indication may be recovered by performing the AMM task 52-70-00-040-007.

25-07-02A Associated door considered operative

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	No

- (o) One or more may be permanently indicated in the not armed position provided that:
- 1) The aircraft is not operated at night, and
 - 2) The associated slide is visually checked to be armed before each flight.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">25 - EQUIPMENT/FURNISHINGS</p> <p style="text-align: center;">25-07 - Indications on the DOOR/OXY SD page</p>
-------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

_____ Reference(s) _____

- (o) *Refer to OpsProc 25-07-02A Cabin Door Slide Permanently Indicated Not Armed on the DOOR/OXY SD page*

25-07-02B Associated door considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	4	3	No

One may be permanently indicated in the not armed position for 5 flights provided that the associated door is considered inoperative.
Refer to Item 52-10-01 Cabin Door

25-07-03	<p style="text-align: center;">Cabin Overwing Exit Slide Permanently Indicated Armed on the DOOR/OXY SD page</p>
-----------------	-------------------------------------------------------------------------------------------------------------------------

Ident.: MI-25-07-00008585.0001001 / 05 APR 18
Applicable to: ALL

Note: *The correct indication may be recovered by performing the AMM task 52-70-00-040-007.*

25-07-03A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (m) One or both may be permanently indicated in the armed position provided that the associated slide is visually checked to be armed before the first flight of the day.

_____ Reference(s) _____

- (m) *Refer to AMM Task 52-70-00-040-008*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-07 - Indications on the <u>DOOR/OXY</u> SD page
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

25-07-04	Cabin Overwing Exit Slide Permanently Indicated Not Armed on the <u>DOOR/OXY</u> SD page
-----------------	-------------------------------------------------------------------------------------------------

Ident.: MI-25-07-00008586.0001001 / 22 MAY 19

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL, LY-RAM

Note: The correct indication may be recovered by performing the AMM task 52-70-00-040-007.

25-07-04A Cabin overwing exits considered operative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

(m) One or both may be permanently indicated in the not armed position provided that:

- 1) The aircraft is not operated at night, and
- 2) The associated slide is visually checked to be armed before the first flight of the day.

_____ Reference(s) _____

(m) Refer to AMM Task 52-70-00-040-009

25-07-04B Cabin overwing exits considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	2	1	No

One may be permanently indicated in the not armed position for 5 flights provided that both associated cabin overwing exits on the same side are considered inoperative.

Refer to Item 52-10-02 Cabin Overwing Exit

25-07-04	Cabin Overwing Exit Slide Permanently Indicated Not Armed on the <u>DOOR/OXY</u> SD page
-----------------	-------------------------------------------------------------------------------------------------

Ident.: MI-25-07-00008586.0002001 / 22 MAY 19

Applicable to: LY-COD

Note: The correct indication may be recovered by performing the AMM task 52-70-00-040-007.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>25 - EQUIPMENT/FURNISHINGS</div> <div>25-07 - Indications on the DOOR/OXY SD page</div>
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------

Continued from the previous page

25-07-04A Cabin overwing exits considered operative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (m) One or both may be permanently indicated in the not armed position provided that:
- 1) The aircraft is not operated at night, and
 - 2) The associated slide is visually checked to be armed before the first flight of the day.

Reference(s)

(m) Refer to AMM Task 52-70-00-040-009

25-07-04B Cabin overwing exit considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	2	1	No

One may be permanently indicated in the not armed position for 5 flights provided that the associated cabin overwing exit is considered inoperative.

Refer to Item 52-10-02 Cabin Overwing Exit

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-11 - Pilot Seats
-------------------------------------------------------------	------------------------------------------------------------------------------

25-11-01	Pilot Seat Manual Horizontal Adjustment
-----------------	------------------------------------------------

Ident.: MI-25-11-00008481.0001001 / 22 MAR 10

Applicable to: ALL

25-11-01A

Repair interval	Nbr installed	Nbr required	Placard
-	2	2	No

Both must be operative.

25-11-02	Pilot Seat Manual Vertical Adjustment
-----------------	----------------------------------------------

Ident.: MI-25-11-00008483.0001001 / 22 MAY 19

Applicable to: ALL

25-11-02A Associated electrical control operative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative provided that the associated electrical control is operative.

25-11-02B Associated electrical control inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative provided that the seating position is acceptable to the affected crewmember.

25-11-03	Pilot Seat Recline Adjustment
-----------------	--------------------------------------

Ident.: MI-25-11-00008487.0001001 / 22 MAR 10

Applicable to: ALL

25-11-03A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

(m) One or both may be inoperative provided that the seat is secured in an upright position acceptable to the affected crewmember.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>25 - EQUIPMENT/FURNISHINGS</div> <div>25-11 - Pilot Seats</div>
------------------------------------------------------	-------------------------------------------------------------------------------------------

Continued from the previous page

Reference(s)

(m) Refer to AMM 25-11-00-040-001

25-11-04	Pilot Seat Other Manual Adjustments
----------	-------------------------------------

Ident.: MI-25-11-00008507.0001001 / 22 MAR 10

Applicable to: ALL

25-11-04A

Repair interval	Nbr installed	Nbr required	Placard
C	–	0	No

One or more may be inoperative provided that the seating position is acceptable to the affected crewmember.

25-11-05	Pilot Seat Electrical Adjustment
----------	----------------------------------

Ident.: MI-25-11-00008508.0001001 / 22 MAY 19

Applicable to: ALL

25-11-05A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) One or both may be inoperative provided that the electrical adjustment of the associated seat is deactivated.

Reference(s)

(o) Refer to OpsProc 25-11-05A Pilot Seat Electrical Adjustment

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-11 - Pilot Seats
-------------------------------------------------------------	------------------------------------------------------------------------------

25-11-06	Pilot Seat Shoulder Harness
-----------------	------------------------------------

Ident.: MI-25-11-00008514.0001001 / 22 MAY 19

Applicable to: ALL

25-11-06A

Repair interval	Nbr installed	Nbr required	Placard
A	2	1	No

- (o) May be inoperative on the F/O seat for three flights.

_____ Reference(s) _____

- (o) *Refer to OpsProc 25-11-06A Pilot Seat Shoulder Harness*

25-11-07	Pilot Seat Fifth Strap
-----------------	-------------------------------

Ident.: MI-25-11-00008515.0001001 / 22 MAR 10

Applicable to: ALL

25-11-07A

Repair interval	Nbr installed	Nbr required	Placard
D	2	0	No

- (o) One or both may be inoperative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 25-11-07A Pilot Seat Fifth Strap*

25-11-08	Pilot Sidestick Armrest Height Adjustment
-----------------	--------------------------------------------------

Ident.: MI-25-11-00008517.0001001 / 22 MAR 10

Applicable to: ALL

25-11-08A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative provided that the associated armrest position is acceptable to the affected crewmember.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-11 - Pilot Seats
-------------------------------------------------------------	------------------------------------------------------------------------------

25-11-09	Pilot Sidestick Armrest Pitch Adjustment
-----------------	-------------------------------------------------

Ident.: MI-25-11-00008518.0001001 / 22 MAR 10

Applicable to: ALL

25-11-09A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative provided that the associated armrest position is acceptable to the affected crewmember.

25-11-10	Pilot Sidestick Armrest Memory Position Display
-----------------	--------------------------------------------------------

Ident.: MI-25-11-00008519.0001001 / 22 MAR 10

Applicable to: ALL

25-11-10A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative.

25-11-11	Pilot Inboard Armrest Vertical Adjustment
-----------------	--------------------------------------------------

Ident.: MI-25-11-00008520.0001001 / 22 MAR 10

Applicable to: ALL

25-11-11A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-11 - Pilot Seats
------------------------------------------------------	------------------------------------------------------------------------------

25-11-12	Pilot Seat Headrest
-----------------	----------------------------

Ident.: MI-25-11-00008522.0001001 / 13 MAY 20

Applicable to: ALL

25-11-12A

Repair interval	Nbr installed	Nbr required	Placard
D	2	0	No

One or both may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-11 - Pilot Seats
------------------------------------------------------	------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-12 - Third and Fourth Occupant Seats
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------

25-12-01	Third Occupant Seat
-----------------	----------------------------

Ident.: MI-25-12-00008524.0001001 / 22 MAY 19

Applicable to: ALL

25-12-01A Seat stowed

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative provided that the seat is in its stowed position.

25-12-01B Seat removed

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

(m) May be removed.

_____ Reference(s) _____

(m) *Refer to AMM Task 25-11-00-040-003*

25-12-02	Third Occupant Seat Shoulder Harness
-----------------	---------------------------------------------

Ident.: MI-25-12-00008525.0001001 / 22 MAY 19

Applicable to: ALL

25-12-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative provided that the seat is not occupied during takeoff and landing.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-12 - Third and Fourth Occupant Seats
------------------------------------------------------	--------------------------------------------------------------------------------------------------

25-12-03	Third Occupant Seat Abdominal Belt
-----------------	-------------------------------------------

Ident.: MI-25-12-00008527.0001001 / 17 NOV 20

Applicable to: ALL

25-12-03A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	Yes

May be inoperative provided that:

- 1) The seat is placarded inoperative, and
- 2) The seat is not occupied.

25-12-04	Third Occupant Seat Fifth Strap
-----------------	----------------------------------------

Ident.: MI-25-12-00008528.0001001 / 22 MAR 10

Applicable to: ALL

25-12-04A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

- (o) May be inoperative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 25-12-04A Third Occupant Seat Fifth Strap*

25-12-05	Third Occupant Seat Armrest
-----------------	------------------------------------

Ident.: MI-25-12-00024766.0001001 / 27 MAY 21

Applicable to: ALL

25-12-05A

Repair interval	Nbr installed	Nbr required	Placard
D	2	0	No

One or both may be inoperative provided that the armrest position is acceptable to the occupant.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-12 - Third and Fourth Occupant Seats
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------

25-12-06	Fourth Occupant Seat
----------	----------------------

Ident.: MI-25-12-00008529.0001001 / 19 MAY 21

1 Applicable to: LY-COB, LY-COD, LY-ELK, LY-EMU, LY-OWL

25-12-06A Seat stowed

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

May be inoperative provided that the seat is in its stowed position.

25-12-06B Seat removed

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

(m) May be removed.

_____ Reference(s) _____

(m) Refer to AMM Task 25-11-00-040-004

25-12-07	Fourth Occupant Seat Shoulder Harness
----------	---------------------------------------

Ident.: MI-25-12-00008531.0001001 / 19 MAY 21

2 Applicable to: LY-COB, LY-COD, LY-ELK, LY-EMU, LY-OWL

25-12-07A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

May be inoperative provided that the seat is not occupied during takeoff and landing.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-12 - Third and Fourth Occupant Seats
------------------------------------------------------	--------------------------------------------------------------------------------------------------

25-12-08	Fourth Occupant Seat Abdominal Belt
-----------------	--------------------------------------------

Ident.: MI-25-12-00008532.0001001 / 19 MAY 21

3
Applicable to: LY-COB, LY-COD, LY-ELK, LY-EMU, LY-OWL

25-12-08A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	Yes

- May be inoperative provided that:
- 1) The seat is placarded inoperative, and
 - 2) The seat is not occupied.

25-12-09	Fourth Occupant Seat Fifth Strap
-----------------	-----------------------------------------

Ident.: MI-25-12-00008533.0002001 / 19 MAY 21

Applicable to: LY-COB, LY-COD, LY-EMU

25-12-09A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

- (o) May be inoperative.
- Reference(s)
- (o) *Refer to OpsProc 25-12-09A Fourth Occupant Seat Fifth Strap*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-13 - Lining and Furnishings
-------------------------------------------------------------	-----------------------------------------------------------------------------------------

25-13-01	Pilot Sliding Table
-----------------	----------------------------

Ident.: MI-25-13-00008535.0001001 / 27 JUN 11

Applicable to: ALL

25-13-01A Table stowed

Repair interval	Nbr installed	Nbr required	Placard
D	2	0	No

One or both may be inoperative in its stowed position.

25-13-01B Table removed

Repair interval	Nbr installed	Nbr required	Placard
D	2	0	No

(m) One or both may be removed.

_____ Reference(s) _____

(m) Refer to AMM 25-13-00-040-001

25-13-02	Pilot Retractable Footrest
-----------------	-----------------------------------

Ident.: MI-25-13-00008536.0001001 / 27 JUN 11

Applicable to: ALL

25-13-02A Footrest stowed

Repair interval	Nbr installed	Nbr required	Placard
D	4	0	No

One or more may be inoperative in its stowed position.

25-13-02B Footrest removed

Repair interval	Nbr installed	Nbr required	Placard
D	4	0	No

(m) One or more may be removed.

_____ Reference(s) _____

(m) Refer to AMM 25-13-00-040-002

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-13 - Lining and Furnishings
------------------------------------------------------	-----------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-20 - Cabin Seats
------------------------------------------------------	------------------------------------------------------------------------------

25-20-01	Passenger Seat
-----------------	-----------------------

Ident.: MI-25-20-00008538.0001001 / 13 MAY 20

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

25-20-01A

Repair interval	Nbr installed	Nbr required	Placard
D	180	0	Yes

One or more may be inoperative provided that the associated seat is not used.

25-20-01	Passenger Seat
-----------------	-----------------------

Ident.: MI-25-20-00008538.9001002 / 13 MAY 20

Applicable to: LY-RAM

25-20-01A

Repair interval	Nbr installed	Nbr required	Placard
D	150	0	Yes

One or more may be inoperative provided that the associated seat is not used.

25-20-01	Passenger Seat
-----------------	-----------------------

Ident.: MI-25-20-00008538.9001003 / 13 MAY 20

Applicable to: LY-COD

25-20-01A

Repair interval	Nbr installed	Nbr required	Placard
D	144	0	Yes

One or more may be inoperative provided that the associated seat is not used.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">25 - EQUIPMENT/FURNISHINGS</p> <p style="text-align: center;">25-20 - Cabin Seats</p>
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

25-20-02	Passenger Seat Backrest
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Ident.: MI-25-20-00021853.0001001 / 03 MAR 21

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

25-20-02A Backrest secured in the upright position and affected seat operative

Repair interval	Nbr installed	Nbr required	Placard
D	180	0	No

(m) One or more may be inoperative provided that:

- 1) The backrest of the associated seat is secured in the upright position, and
- 2) The associated seat recline mechanism is deactivated.

_____ Reference(s) _____

(m) *Refer to AMM Task 25-21-00-040-801*

25-20-02B Backrest secured in the upright position and affected seat considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	180	0	No

(m) One or more may be inoperative provided that:

- 1) The backrest of the associated seat is secured in the upright position, and
- 2) The seat with the inoperative backrest is considered inoperative.

Refer to Item 25-20-01 Passenger Seat

_____ Reference(s) _____

(m) *Refer to AMM Task 25-21-00-040-802*

25-20-02C Affected seats considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	180	0	No

(o) One or more may be inoperative provided that:

- 1) The backrest of the associated seat does not block a cabin door or a cabin overwing exit, and
- 2) The seat with the inoperative backrest is considered inoperative
Refer to Item 25-20-01 Passenger Seat, and
- 3) The seats with restricted access to the main aisle are considered inoperative.
Refer to Item 25-20-01 Passenger Seat

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- (o) *Refer to OpsProc 25-20-02C Passenger Seat Backrest (Affected Seats Considered Inoperative)*

25-20-02D Affected cabin door and cabin overwing exit considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	180	0	No

- (o) One or more backrest affecting the access to any cabin door or cabin overwing exit may be inoperative for 5 flights provided that:
- 1) The affected cabin door or cabin overwing exit is considered inoperative
Refer to Item 52-10-01 Cabin Door, or
Refer to Item 52-10-02 Cabin Overwing Exit, and
 - 2) The seat with the inoperative backrest is considered inoperative
Refer to Item 25-20-01 Passenger Seat, and
 - 3) The seats with restricted access to the main aisle are considered inoperative.
Refer to Item 25-20-01 Passenger Seat

_____ Reference(s) _____

- (o) *Refer to OpsProc 25-20-02D Passenger Seat Backrest (Affected Cabin Door and Cabin Overwing Exit Considered Inoperative)*

25-20-02	Passenger Seat Backrest
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Ident.: MI-25-20-00021853.9001002 / 03 MAR 21

Applicable to: LY-RAM

25-20-02A Backrest secured in the upright position and affected seat operative

Repair interval	Nbr installed	Nbr required	Placard
D	150	0	No

- (m) One or more may be inoperative provided that:
- 1) The backrest of the associated seat is secured in the upright position, and
 - 2) The associated seat recline mechanism is deactivated.

_____ Reference(s) _____

- (m) *Refer to AMM Task 25-21-00-040-801*

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25-20-02B Backrest secured in the upright position and affected seat considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	150	0	No

- (m) One or more may be inoperative provided that:
- 1) The backrest of the associated seat is secured in the upright position, and
 - 2) The seat with the inoperative backrest is considered inoperative.
- Refer to Item 25-20-01 Passenger Seat

Reference(s)

- (m) Refer to AMM Task 25-21-00-040-802

25-20-02C Affected seats considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	150	0	No

- (o) One or more may be inoperative provided that:
- 1) The backrest of the associated seat does not block a cabin door or a cabin overwing exit, and
 - 2) The seat with the inoperative backrest is considered inoperative
- Refer to Item 25-20-01 Passenger Seat, and
- 3) The seats with restricted access to the main aisle are considered inoperative.
- Refer to Item 25-20-01 Passenger Seat

Reference(s)

- (o) Refer to OpsProc 25-20-02C Passenger Seat Backrest (Affected Seats Considered Inoperative)

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25-20-02D Affected cabin door and cabin overwing exit considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	150	0	No

- (o) One or more backrest affecting the access to any cabin door or cabin overwing exit may be inoperative for 5 flights provided that:
- 1) The affected cabin door or cabin overwing exit is considered inoperative
Refer to Item 52-10-01 Cabin Door, or
Refer to Item 52-10-02 Cabin Overwing Exit, and
 - 2) The seat with the inoperative backrest is considered inoperative
Refer to Item 25-20-01 Passenger Seat, and
 - 3) The seats with restricted access to the main aisle are considered inoperative.
Refer to Item 25-20-01 Passenger Seat

_____ Reference(s) _____

- (o) *Refer to OpsProc 25-20-02D Passenger Seat Backrest (Affected Cabin Door and Cabin Overwing Exit Considered Inoperative)*

25-20-02	Passenger Seat Backrest
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Ident.: MI-25-20-00021853.9001003 / 03 MAR 21

Applicable to: LY-COD

25-20-02A Backrest secured in the upright position and affected seat operative

Repair interval	Nbr installed	Nbr required	Placard
D	144	0	No

- (m) One or more may be inoperative provided that:
- 1) The backrest of the associated seat is secured in the upright position, and
 - 2) The associated seat recline mechanism is deactivated.

_____ Reference(s) _____

- (m) *Refer to AMM Task 25-21-00-040-801*

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25-20-02B Backrest secured in the upright position and affected seat considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	144	0	No

- (m) One or more may be inoperative provided that:
- 1) The backrest of the associated seat is secured in the upright position, and
 - 2) The seat with the inoperative backrest is considered inoperative.
- Refer to Item 25-20-01 Passenger Seat

Reference(s)

- (m) Refer to AMM Task 25-21-00-040-802

25-20-02C Affected seats considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	144	0	No

- (o) One or more may be inoperative provided that:
- 1) The backrest of the associated seat does not block a cabin door or a cabin overwing exit, and
 - 2) The seat with the inoperative backrest is considered inoperative
- Refer to Item 25-20-01 Passenger Seat, and
- 3) The seats with restricted access to the main aisle are considered inoperative.
- Refer to Item 25-20-01 Passenger Seat

Reference(s)

- (o) Refer to OpsProc 25-20-02C Passenger Seat Backrest (Affected Seats Considered Inoperative)

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25-20-02D Affected cabin door and cabin overwing exit considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	144	0	No

- (o) One or more backrest affecting the access to any cabin door or cabin overwing exit may be inoperative for 5 flights provided that:

1) The affected cabin door or cabin overwing exit is considered inoperative

Refer to Item 52-10-01 Cabin Door, or

Refer to Item 52-10-02 Cabin Overwing Exit, and

2) The seat with the inoperative backrest is considered inoperative

Refer to Item 25-20-01 Passenger Seat, and

3) The seats with restricted access to the main aisle are considered inoperative.

Refer to Item 25-20-01 Passenger Seat

_____ Reference(s) _____

- (o) *Refer to OpsProc 25-20-02D Passenger Seat Backrest (Affected Cabin Door and Cabin Overwing Exit Considered Inoperative)*

25-20-03	Passenger Seat Belt
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Ident.: MI-25-20-00021854.0001001 / 03 MAR 21

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

25-20-03A

Repair interval	Nbr installed	Nbr required	Placard
D	180	–	No

One or more may be inoperative provided that the associated seat is considered inoperative.

Refer to Item 25-20-01 Passenger Seat

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25-20-03	Passenger Seat Belt
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Ident.: MI-25-20-00021854.9001002 / 03 MAR 21

Applicable to: LY-RAM

25-20-03A

Repair interval	Nbr installed	Nbr required	Placard
D	150	–	No

One or more may be inoperative provided that the associated seat is considered inoperative.

Refer to Item 25-20-01 Passenger Seat

25-20-03	Passenger Seat Belt
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Ident.: MI-25-20-00021854.9001003 / 03 MAR 21

Applicable to: LY-COD

25-20-03A

Repair interval	Nbr installed	Nbr required	Placard
D	144	–	No

One or more may be inoperative provided that the associated seat is considered inoperative.

Refer to Item 25-20-01 Passenger Seat

25-20-05	Passenger Seat Armrest
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Ident.: MI-25-20-00021856.0001001 / 03 MAR 21

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

25-20-05A Affected armrest inoperative in the required position for Taxi, Takeoff, and Landing

Repair interval	Nbr installed	Nbr required	Placard
D	240	0	No

- (o) One or more may be inoperative in the required position for Taxi, Takeoff, and Landing.

_____ Reference(s) _____

- (o) *Refer to OpsProc 25-20-05A Passenger Seat Armrest (Affected Armrest Inoperative in the Required Position for Taxi, Takeoff, and Landing)*

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25-20-05B Affected seats considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	240	0	No

- (o) One or more may be inoperative provided that:
- 1) The affected armrest does not block a cabin overwing exit, and
 - 2) The seat with the inoperative armrest is considered inoperative
Refer to Item 25-20-01 Passenger Seat, and
 - 3) The seats with restricted access to the main aisle are considered inoperative.
Refer to Item 25-20-01 Passenger Seat

_____ Reference(s) _____

- (o) *Refer to OpsProc 25-20-05B Passenger Seat Armrest (Affected Seats Considered Inoperative)*

25-20-05C Affected cabin overwing exit considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	240	0	No

- (o) One or more armrest affecting the access to any cabin overwing exit may be inoperative for 5 flights provided that:
- 1) The affected cabin overwing exit is considered inoperative
Refer to Item 52-10-02 Cabin Overwing Exit, and
 - 2) The seat with the inoperative armrest is considered inoperative
Refer to Item 25-20-01 Passenger Seat, and
 - 3) The seats with restricted access to the main aisle are considered inoperative.
Refer to Item 25-20-01 Passenger Seat

_____ Reference(s) _____

- (o) *Refer to OpsProc 25-20-05C Passenger Seat Armrest (Affected Cabin Overwing Exit Considered Inoperative)*

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25-20-05	Passenger Seat Armrest
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Ident.: MI-25-20-00021856.9001002 / 03 MAR 21

Applicable to: LY-RAM

25-20-05A Affected armrest inoperative in the required position for Taxi, Takeoff, and Landing

Repair interval	Nbr installed	Nbr required	Placard
D	200	0	No

- (o) One or more may be inoperative in the required position for Taxi, Takeoff, and Landing.

_____ Reference(s) _____

- (o) *Refer to OpsProc 25-20-05A Passenger Seat Armrest (Affected Armrest Inoperative in the Required Position for Taxi, Takeoff, and Landing)*

25-20-05B Affected seats considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	200	0	No

- (o) One or more may be inoperative provided that:
- 1) The affected armrest does not block a cabin overwing exit, and
 - 2) The seat with the inoperative armrest is considered inoperative
Refer to Item 25-20-01 Passenger Seat, and
 - 3) The seats with restricted access to the main aisle are considered inoperative.
Refer to Item 25-20-01 Passenger Seat

_____ Reference(s) _____

- (o) *Refer to OpsProc 25-20-05B Passenger Seat Armrest (Affected Seats Considered Inoperative)*

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25-20-05C Affected cabin overwing exit considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	200	0	No

- (o) One or more armrest affecting the access to any cabin overwing exit may be inoperative for 5 flights provided that:
- 1) The affected cabin overwing exit is considered inoperative
Refer to Item 52-10-02 Cabin Overwing Exit, and
 - 2) The seat with the inoperative armrest is considered inoperative
Refer to Item 25-20-01 Passenger Seat, and
 - 3) The seats with restricted access to the main aisle are considered inoperative.
Refer to Item 25-20-01 Passenger Seat

_____ Reference(s) _____

- (o) *Refer to OpsProc 25-20-05C Passenger Seat Armrest (Affected Cabin Overwing Exit Considered Inoperative)*

25-20-05	Passenger Seat Armrest
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Ident.: MI-25-20-00021856.9001003 / 03 MAR 21

Applicable to: LY-COD

25-20-05A Affected armrest inoperative in the required position for Taxi, Takeoff, and Landing

Repair interval	Nbr installed	Nbr required	Placard
D	192	0	No

- (o) One or more may be inoperative in the required position for Taxi, Takeoff, and Landing.

_____ Reference(s) _____

- (o) *Refer to OpsProc 25-20-05A Passenger Seat Armrest (Affected Armrest Inoperative in the Required Position for Taxi, Takeoff, and Landing)*

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25-20-05B Affected seats considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	192	0	No

- (o) One or more may be inoperative provided that:

1) The affected armrest does not block a cabin overwing exit, and
2) The seat with the inoperative armrest is considered inoperative
Refer to Item 25-20-01 Passenger Seat, and
3) The seats with restricted access to the main aisle are considered inoperative.
Refer to Item 25-20-01 Passenger Seat
- Reference(s)

(o) Refer to OpsProc 25-20-05B Passenger Seat Armrest (Affected Seats Considered Inoperative)

25-20-05C Affected cabin overwing exit considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	192	0	No

- (o) One or more armrest affecting the access to any cabin overwing exit may be inoperative for 5 flights provided that:

1) The affected cabin overwing exit is considered inoperative
Refer to Item 52-10-02 Cabin Overwing Exit, and
2) The seat with the inoperative armrest is considered inoperative
Refer to Item 25-20-01 Passenger Seat, and
3) The seats with restricted access to the main aisle are considered inoperative.
Refer to Item 25-20-01 Passenger Seat
- Reference(s)

(o) Refer to OpsProc 25-20-05C Passenger Seat Armrest (Affected Cabin Overwing Exit Considered Inoperative)

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25-20-06	Underseat Baggage Restraining Bar
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Ident.: MI-25-20-00021857.0001001 / 03 MAR 21

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

25-20-06A

Repair interval	Nbr installed	Nbr required	Placard
D	180	0	Yes

- (o) One or more may be inoperative provided that:
- 1) Baggage is not stowed under the associated seat, and
 - 2) The associated seat is placarded "DO NOT STOW BAGGAGE UNDER THIS SEAT".

_____ Reference(s) _____

- (o) *Refer to OpsProc 25-20-06A Underseat Baggage Restraining Bar*

25-20-06	Underseat Baggage Restraining Bar
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Ident.: MI-25-20-00021857.9001002 / 03 MAR 21

Applicable to: LY-RAM

25-20-06A

Repair interval	Nbr installed	Nbr required	Placard
D	150	0	Yes

- (o) One or more may be inoperative provided that:
- 1) Baggage is not stowed under the associated seat, and
 - 2) The associated seat is placarded "DO NOT STOW BAGGAGE UNDER THIS SEAT".

_____ Reference(s) _____

- (o) *Refer to OpsProc 25-20-06A Underseat Baggage Restraining Bar*

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25-20-06	Underseat Baggage Restraining Bar
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Ident.: MI-25-20-00021857.9001003 / 03 MAR 21

Applicable to: LY-COD

25-20-06A

Repair interval	Nbr installed	Nbr required	Placard
D	144	0	Yes

- (o) One or more may be inoperative provided that:
- 1) Baggage is not stowed under the associated seat, and
 - 2) The associated seat is placarded "DO NOT STOW BAGGAGE UNDER THIS SEAT".

_____ Reference(s) _____

- (o) *Refer to OpsProc 25-20-06A Underseat Baggage Restraining Bar*

25-20-07	Passenger Seat Meal Table
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Ident.: MI-25-20-00022998.0001001 / 03 MAR 21

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

25-20-07A Meal table secured in the stowed position

Repair interval	Nbr installed	Nbr required	Placard
D	180	0	No

- (m) One or more may be inoperative provided that the meal table of the associated seat is secured in the stowed position.

_____ Reference(s) _____

- (m) *Refer to AMM Task*

25-20-07B Meal table not stowed and affected seats considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	180	0	No

- (o) One or more may be inoperative provided that:
- 1) The meal table of the associated seat does not block the access to a cabin door or a cabin overwing exit, and
 - 2) The seats with restricted access to the main aisle are considered inoperative.

Refer to Item 25-20-01 Passenger Seat

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- (o) *Refer to OpsProc 25-20-07B Passenger Seat Meal Table (Affected Seats Considered Inoperative)*

25-20-07C Meal table not stowed and affected cabin door or cabin overwing exit considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	180	0	No

- (o) One or more meal table affecting the access to any cabin door or cabin overwing exit may be inoperative for 5 flights provided that:
- 1) The affected cabin door or cabin overwing exit is considered inoperative
Refer to Item 52-10-01 Cabin Door, or
Refer to Item 52-10-02 Cabin Overwing Exit, and
 - 2) The seats with restricted access to the main aisle are considered inoperative.
Refer to Item 25-20-01 Passenger Seat

_____ Reference(s) _____

- (o) *Refer to OpsProc 25-20-07C Passenger Seat Meal Table (Affected Cabin Door and Cabin Overwing Exit Considered Inoperative)*

25-20-07	Passenger Seat Meal Table
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Ident.: MI-25-20-00022998.9001002 / 03 MAR 21

Applicable to: LY-RAM

25-20-07A Meal table secured in the stowed position

Repair interval	Nbr installed	Nbr required	Placard
D	150	0	No

- (m) One or more may be inoperative provided that the meal table of the associated seat is secured in the stowed position.

_____ Reference(s) _____

- (m) *Refer to AMM Task*

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25-20-07B Meal table not stowed and affected seats considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	150	0	No

- (o) One or more may be inoperative provided that:
 - 1) The meal table of the associated seat does not block the access to a cabin door or a cabin overwing exit, and
 - 2) The seats with restricted access to the main aisle are considered inoperative.*Refer to Item 25-20-01 Passenger Seat*

Reference(s)

- (o) *Refer to OpsProc 25-20-07B Passenger Seat Meal Table (Affected Seats Considered Inoperative)*

25-20-07C Meal table not stowed and affected cabin door or cabin overwing exit considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	150	0	No

- (o) One or more meal table affecting the access to any cabin door or cabin overwing exit may be inoperative for 5 flights provided that:
 - 1) The affected cabin door or cabin overwing exit is considered inoperative
 - Refer to Item 52-10-01 Cabin Door, or*
 - Refer to Item 52-10-02 Cabin Overwing Exit, and*
 - 2) The seats with restricted access to the main aisle are considered inoperative.*Refer to Item 25-20-01 Passenger Seat*

Reference(s)

- (o) *Refer to OpsProc 25-20-07C Passenger Seat Meal Table (Affected Cabin Door and Cabin Overwing Exit Considered Inoperative)*

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25-20-07	Passenger Seat Meal Table
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Ident.: MI-25-20-00022998.9001003 / 03 MAR 21

Applicable to: LY-COD

25-20-07A Meal table secured in the stowed position

Repair interval	Nbr installed	Nbr required	Placard
D	144	0	No

(m) One or more may be inoperative provided that the meal table of the associated seat is secured in the stowed position.

_____ Reference(s) _____

(m) *Refer to AMM Task*

25-20-07B Meal table not stowed and affected seats considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	144	0	No

- (o) One or more may be inoperative provided that:
- 1) The meal table of the associated seat does not block the access to a cabin door or a cabin overwing exit, and
 - 2) The seats with restricted access to the main aisle are considered inoperative.
- Refer to Item 25-20-01 Passenger Seat*

_____ Reference(s) _____

(o) *Refer to OpsProc 25-20-07B Passenger Seat Meal Table (Affected Seats Considered Inoperative)*

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25-20-07C Meal table not stowed and affected cabin door or cabin overwing exit considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	144	0	No

- (o) One or more meal table affecting the access to any cabin door or cabin overwing exit may be inoperative for 5 flights provided that:
- 1) The affected cabin door or cabin overwing exit is considered inoperative
Refer to Item 52-10-01 Cabin Door, or
Refer to Item 52-10-02 Cabin Overwing Exit, and
 - 2) The seats with restricted access to the main aisle are considered inoperative.
Refer to Item 25-20-01 Passenger Seat

_____ Reference(s) _____

- (o) *Refer to OpsProc 25-20-07C Passenger Seat Meal Table (Affected Cabin Door and Cabin Overwing Exit Considered Inoperative)*

25-20-09	Cabin Attendant Seat
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Ident.: MI-25-20-00008540.0001001 / 03 MAR 21
Applicable to: LY-COB, LY-COD, LY-ELK, LY-EMU, LY-OWL

Note: *A cabin attendant seat with an inoperative or missing seat belt or harness must be considered inoperative.*

25-20-09A Non required cabin attendant seat

Repair interval	Nbr installed	Nbr required	Placard
D	6	0	Yes

- (o)(m) One or more non-required cabin attendant seats may be inoperative or not usable provided that:
- 1) The affected seat is not used, and
 - 2) If the seat assembly mechanism is inoperative, the affected seat is secured in its stowed position or removed.

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- (o) *Refer to OpsProc 25-20-09A Non-required Cabin Attendant Seat*
(m) *Refer to AMM Task 25-22-00-040-001*

25-20-09B Required cabin attendant seat inoperative using a non required cabin attendant seat

Repair interval	Nbr installed	Nbr required	Placard
C	6	3	Yes

- (o)(m) One required cabin attendant seat may be inoperative or not usable provided that:
- 1) The affected seat is not used, and
 - 2) The cabin attendant assigned to the affected seat occupies the adjacent non-required cabin attendant seat or the cabin attendant seat that is nearest to the associated exit, and
 - 3) The non-required cabin attendant seat to be used by cabin attendant is correctly placarded, and
 - 4) The cabin attendant can reach assigned exit and emergency equipment in nearly the same time as from normally assigned seat, and
 - 5) The direct view of passengers by cabin attendants is not impaired, and
 - 6) The alternate, GETJET Airlines procedures are used for displaced cabin attendant, and
 - 7) If the seat assembly mechanism is inoperative, the affected seat is secured in its stowed position or removed.

_____ Reference(s) _____

- (o) *Refer to OpsProc 25-20-09B Required Cabin Attendant Seat*
(m) *Refer to AMM Task 25-22-00-040-001*

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-20 - Cabin Seats</p>
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Continued from the previous page

25-20-09C Required cabin attendant seat inoperative using a passenger seat

Repair interval	Nbr installed	Nbr required	Placard
B	6	3	Yes

- (o) (m) One required cabin attendant seat may be inoperative or not usable provided that:
- 1) The affected seat is not used, and
 - 2) The cabin attendant assigned to the affected seat occupies the passenger seat that is nearest to the associated exit, with no passenger seated nearer to the exit than the cabin attendant, and
 - 3) The passenger seat to be used by cabin attendant is correctly placarded, and
 - 4) The cabin attendant can reach assigned exit and emergency equipment in nearly the same time as from normally assigned seat, and
 - 5) The direct view of passengers by cabin attendants is not impaired, and
 - 6) The alternate, GETJET Airlines procedures are used for displaced cabin attendant, and
 - 7) If the seat assembly mechanism is inoperative, the affected seat is secured in its stowed position or removed.

Reference(s)

- (o) Refer to OpsProc 25-20-09C Required Cabin Attendant Seat
- (m) Refer to AMM Task 25-22-00-040-001

25-20-09	Cabin Attendant Seat
Ident.: MI-25-20-00008540.9001003 / 03 MAR 21 Applicable to: LY-RAM	

Note: A cabin attendant seat with an inoperative or missing seat belt or harness must be considered inoperative.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-20 - Cabin Seats</p>
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Continued from the previous page

25-20-09A Non required cabin attendant seat

Repair interval	Nbr installed	Nbr required	Placard
D	4	0	Yes

(o)(m) One or more non-required cabin attendant seats may be inoperative or not usable provided that:

- 1) The affected seat is not used, and
- 2) If the seat assembly mechanism is inoperative, the affected seat is secured in its stowed position or removed.

_____ Reference(s) _____

(o) *Refer to OpsProc 25-20-09A Non-required Cabin Attendant Seat*

(m) *Refer to AMM Task 25-22-00-040-001*

25-20-09B Required cabin attendant seat inoperative using a non required cabin attendant seat

Repair interval	Nbr installed	Nbr required	Placard
C	4	2	Yes

(o)(m) One required cabin attendant seat may be inoperative or not usable provided that:

- 1) The affected seat is not used, and
- 2) The cabin attendant assigned to the affected seat occupies the adjacent non-required cabin attendant seat or the cabin attendant seat that is nearest to the associated exit, and
- 3) The non-required cabin attendant seat to be used by cabin attendant is correctly placarded, and
- 4) The cabin attendant can reach assigned exit and emergency equipment in nearly the same time as from normally assigned seat, and
- 5) The direct view of passengers by cabin attendants is not impaired, and
- 6) The alternate, GETJET Airlines procedures are used for displaced cabin attendant, and
- 7) If the seat assembly mechanism is inoperative, the affected seat is secured in its stowed position or removed.

_____ Reference(s) _____

(o) *Refer to OpsProc 25-20-09B Required Cabin Attendant Seat*

(m) *Refer to AMM Task 25-22-00-040-001*

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>25 - EQUIPMENT/FURNISHINGS</div> <div>25-20 - Cabin Seats</div>
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25-20-09C Required cabin attendant seat inoperative using a passenger seat

Repair interval	Nbr installed	Nbr required	Placard
B	4	2	Yes

- (o) (m) One required cabin attendant seat may be inoperative or not usable provided that:
- 1) The affected seat is not used, and

2) The cabin attendant assigned to the affected seat occupies the passenger seat that is nearest to the associated exit, with no passenger seated nearer to the exit than the cabin attendant, and

3) The passenger seat to be used by cabin attendant is correctly placarded, and

4) The cabin attendant can reach assigned exit and emergency equipment in nearly the same time as from normally assigned seat, and

5) The direct view of passengers by cabin attendants is not impaired, and

6) The alternate, GETJET Airlines procedures are used for displaced cabin attendant, and

7) If the seat assembly mechanism is inoperative, the affected seat is secured in its stowed position or removed.

Reference(s)

- (o) Refer to OpsProc 25-20-09C Required Cabin Attendant Seat
- (m) Refer to AMM Task 25-22-00-040-001

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-35 - Galley Equipment
-------------------------------------------------------------	-----------------------------------------------------------------------------------

25-35-01	Galley Waste Compartment Flapper Door
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Ident.: MI-25-35-00008543.0001001 / 03 MAR 21

Applicable to: LY-RAM

25-35-01A One or more Galley Waste Compartment Flapper Door affected

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(o)(m) One or more may be inoperative or missing provided that:

- 1) The associated galley waste compartment is empty, and
- 2) The associated access is secured to prevent waste introduction, and
- 3) An alternate procedure is established before departure to ensure that sufficient galley waste receptacles are available to accommodate all waste that may be generated on a flight.

Note: Non-safety related galley equipment is not listed in this MEL.

_____ Reference(s) _____

(o) Refer to OpsProc 25-35-01A Galley Waste Compartment Flapper Door (If Installed)

(m) Refer to AMM Task 25-35-00-040-001

25-35-01B One Galley Waste Compartment Flapper Door affected

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

(o)(m) One may be inoperative or missing provided that:

- 1) The associated galley waste compartment is empty, and
- 2) The associated access is secured to prevent waste introduction, and
- 3) Access doors on remaining galley waste compartments are operative, and
- 4) An alternate procedure is established before departure to ensure that sufficient galley waste receptacles are available to accommodate all waste that may be generated on a flight.

Note: Non-safety related galley equipment is not listed in this MEL.

_____ Reference(s) _____

(o) Refer to OpsProc 25-35-01B Galley Waste Compartment Flapper Door (If Installed)

(m) Refer to AMM Task 25-35-00-040-001

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>25 - EQUIPMENT/FURNISHINGS</div> <div>25-35 - Galley Equipment</div>
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25-35-01	Galley Waste Compartment Flapper Door
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Ident.: MI-25-35-00008543.9001002 / 03 MAR 21

Applicable to: LY-COB, LY-COD, LY-ELK, LY-EMU, LY-OWL

25-35-01A One or more Galley Waste Compartment Flapper Door affected

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	No

- (o) (m) One or more may be inoperative or missing provided that:
- 1) The associated galley waste compartment is empty, and

2) The associated access is secured to prevent waste introduction, and

3) An alternate procedure is established before departure to ensure that sufficient galley waste receptacles are available to accommodate all waste that may be generated on a flight.

Note: Non-safety related galley equipment is not listed in this MEL.

Reference(s)

- (o) Refer to OpsProc 25-35-01A Galley Waste Compartment Flapper Door (If Installed)
- (m) Refer to AMM Task 25-35-00-040-001

25-35-01B One Galley Waste Compartment Flapper Door affected

Repair interval	Nbr installed	Nbr required	Placard
D	3	0	No

- (o) (m) One may be inoperative or missing provided that:
- 1) The associated galley waste compartment is empty, and

2) The associated access is secured to prevent waste introduction, and

3) Access doors on remaining galley waste compartments are operative, and

4) An alternate procedure is established before departure to ensure that sufficient galley waste receptacles are available to accommodate all waste that may be generated on a flight.

Note: Non-safety related galley equipment is not listed in this MEL.

Reference(s)

- (o) Refer to OpsProc 25-35-01B Galley Waste Compartment Flapper Door (If Installed)
- (m) Refer to AMM Task 25-35-00-040-001

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">25 - EQUIPMENT/FURNISHINGS</p> <p style="text-align: center;">25-35 - Galley Equipment</p>
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25-35-02	Galley Waste Compartment Access Door
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Ident.: MI-25-35-00021065.0001001 / 03 MAR 21

Applicable to: LY-RAM

25-35-02A One or more Galley Waste Compartment Access Door affected

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(o)(m) One or more may be inoperative provided that:

- 1) The associated galley waste compartment is empty, and
- 2) The associated flapper and access doors are secured to prevent waste introduction, and
- 3) An alternate procedure is established before departure to ensure that sufficient galley waste receptacles are available to accommodate all waste that may be generated on a flight.

Note: Non-safety related galley equipment is not listed in this MEL.

_____ Reference(s) _____

(o) Refer to OpsProc 25-35-02A Galley Waste Compartment Access Door (If Installed)

(m) Refer to AMM Task 25-35-00-040-802

25-35-02B One Galley Waste Compartment Access Door affected

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

(o)(m) One may be inoperative provided that:

- 1) The associated galley waste compartment is empty, and
- 2) The associated flapper and access doors are secured to prevent waste introduction, and
- 3) Flapper doors on remaining galley waste compartments are operative, and
- 4) An alternate procedure is established before departure to ensure that sufficient galley waste receptacles are available to accommodate all waste that may be generated on a flight.

Note: Non-safety related galley equipment is not listed in this MEL.

_____ Reference(s) _____

(o) Refer to OpsProc 25-35-02B Galley Waste Compartment Access Door (If Installed)

(m) Refer to AMM Task 25-35-00-040-802

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-35 - Galley Equipment</p>
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------

25-35-02	Galley Waste Compartment Access Door
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Ident.: MI-25-35-00021065.9001002 / 03 MAR 21

Applicable to: LY-COB, LY-COD, LY-ELK, LY-EMU, LY-OWL

25-35-02A One or more Galley Waste Compartment Access Door affected

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	No

(o) (m) One or more may be inoperative provided that:

- 1) The associated galley waste compartment is empty, and
- 2) The associated flapper and access doors are secured to prevent waste introduction, and
- 3) An alternate procedure is established before departure to ensure that sufficient galley waste receptacles are available to accommodate all waste that may be generated on a flight.

Note: Non-safety related galley equipment is not listed in this MEL.

_____ Reference(s) _____

(o) Refer to OpsProc 25-35-02A Galley Waste Compartment Access Door (If Installed)

(m) Refer to AMM Task 25-35-00-040-802

25-35-02B One Galley Waste Compartment Access Door affected

Repair interval	Nbr installed	Nbr required	Placard
D	3	0	No

(o) (m) One may be inoperative provided that:

- 1) The associated galley waste compartment is empty, and
- 2) The associated flapper and access doors are secured to prevent waste introduction, and
- 3) Flapper doors on remaining galley waste compartments are operative, and
- 4) An alternate procedure is established before departure to ensure that sufficient galley waste receptacles are available to accommodate all waste that may be generated on a flight.

Note: Non-safety related galley equipment is not listed in this MEL.

_____ Reference(s) _____

(o) Refer to OpsProc 25-35-02B Galley Waste Compartment Access Door (If Installed)

(m) Refer to AMM Task 25-35-00-040-802

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">25 - EQUIPMENT/FURNISHINGS</p> <p style="text-align: center;">25-40 - Lavatories</p>
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

25-40-01	Toilet Waste Compartment Flapper Door
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Ident.: MI-25-40-00008544.0001001 / 13 MAY 20
Applicable to: LY-COB, LY-COD, LY-ELK, LY-EMU, LY-OWL

25-40-01A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	No

- (o)(m) One or more may be inoperative or missing provided that:
- 1) The toilet waste compartment is empty, and
 - 2) The associated access is secured in the closed position to prevent waste introduction.

Note: *Non-safety related toilet equipment is not listed in this MMEL.*

_____ Reference(s) _____

- (o) *Refer to OpsProc 25-40-01A Toilet Waste Compartment Flapper Door*
(m) *Refer to AMM Task 25-40-00-040-001*

25-40-01	Toilet Waste Compartment Flapper Door
-----------------	----------------------------------------------

Ident.: MI-25-40-00008544.9001002 / 13 MAY 20
Applicable to: LY-RAM

25-40-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o)(m) One or more may be inoperative or missing provided that:
- 1) The toilet waste compartment is empty, and
 - 2) The associated access is secured in the closed position to prevent waste introduction.

Note: *Non-safety related toilet equipment is not listed in this MMEL.*

_____ Reference(s) _____

- (o) *Refer to OpsProc 25-40-01A Toilet Waste Compartment Flapper Door*
(m) *Refer to AMM Task 25-40-00-040-001*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-40 - Lavatories
------------------------------------------------------	-----------------------------------------------------------------------------

25-40-02	Exterior Lavatory Ashtray
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Ident.: MI-25-40-00012606.0001001 / 13 MAY 20

Applicable to: LY-COB, LY-COD, LY-ELK, LY-EMU, LY-OWL

25-40-02A

Repair interval	Nbr installed	Nbr required	Placard
D	3	0	Yes

One or more may be damaged or missing provided that the flight is non-smoking.

25-40-02	Exterior Lavatory Ashtray
-----------------	----------------------------------

Ident.: MI-25-40-00012606.9001002 / 13 MAY 20

Applicable to: LY-RAM

25-40-02A

Repair interval	Nbr installed	Nbr required	Placard
D	2	0	Yes

One or more may be damaged or missing provided that the flight is non-smoking.

25-40-03	Interior Lavatory Ashtray
-----------------	----------------------------------

Ident.: MI-25-40-00012607.0001001 / 03 MAR 21

Applicable to: LY-COB, LY-COD, LY-ELK, LY-EMU, LY-OWL

25-40-03A Lavatory fire extinguishing system operative

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

One or more may be damaged or missing provided that the associated lavatory fire extinguishing system is operative.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-40 - Lavatories
-------------------------------------------------------------	-----------------------------------------------------------------------------

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25-40-03B Lavatory locked closed

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

One or more may be damaged or missing provided that the associated lavatory is locked closed and placarded inoperative.

25-40-03	Interior Lavatory Ashtray
-----------------	----------------------------------

Ident.: MI-25-40-00012607.9001002 / 03 MAR 21

Applicable to: LY-RAM

25-40-03A Lavatory fire extinguishing system operative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or more may be damaged or missing provided that the associated lavatory fire extinguishing system is operative.

25-40-03B Lavatory locked closed

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or more may be damaged or missing provided that the associated lavatory is locked closed and placarded inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-40 - Lavatories
-------------------------------------------------------------	-----------------------------------------------------------------------------

25-40-04	Toilet Waste Compartment Access Door
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Ident.: MI-25-40-00021074.0001001 / 13 MAY 20

Applicable to: LY-COB, LY-COD, LY-ELK, LY-EMU, LY-OWL

25-40-04A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	No

(o) (m) One or more may be inoperative provided that:

- 1) The toilet waste compartment is empty, and
- 2) The associated flapper and access doors are secured to prevent waste introduction, and
- 3) Alternate procedure is established and used.

Note: Non-safety related toilet equipment is not listed in this MMEL.

_____ Reference(s) _____

(o) Refer to OpsProc 25-40-04A Toilet Waste Compartment Access Door

(m) Refer to AMM Task 25-40-00-040-802

25-40-04	Toilet Waste Compartment Access Door
----------	--------------------------------------

Ident.: MI-25-40-00021074.9001002 / 13 MAY 20

Applicable to: LY-RAM

25-40-04A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

(o) (m) One or more may be inoperative provided that:

- 1) The toilet waste compartment is empty, and
- 2) The associated flapper and access doors are secured to prevent waste introduction, and
- 3) Alternate procedure is established and used.

Note: Non-safety related toilet equipment is not listed in this MMEL.

_____ Reference(s) _____

(o) Refer to OpsProc 25-40-04A Toilet Waste Compartment Access Door

(m) Refer to AMM Task 25-40-00-040-802

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-40 - Lavatories
-------------------------------------------------------------	-----------------------------------------------------------------------------

25-40-05	Lavatory
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Ident.: MI-25-40-20800035.9001001 / 03 MAR 21

Applicable to: LY-RAM

25-40-05A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or more may be inoperative with following conditions:

- 1) If one of the lavatory inoperative, no restrictions apply.
- 2) If two lavatories inoperative, food on board service are prohibited.
- 3) If all lavatories inoperative, food and drink on board service are prohibited, maximum flight duration are restricted by 1 hour 30 minutes.

25-40-05	Lavatory
-----------------	-----------------

Ident.: MI-25-40-20800035.9001002 / 03 MAR 21

Applicable to: LY-COB, LY-COD, LY-ELK, LY-EMU, LY-OWL

25-40-05A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

One or more may be inoperative with following conditions:

- 1) If one of the lavatory inoperative, food on board service are prohibited.
- 2) If all lavatories inoperative, food and drink on board service are prohibited, maximum flight duration are restricted by 1 hour 30 minutes.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-40 - Lavatories
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-50 - Cargo Compartments
-------------------------------------------------------------	-------------------------------------------------------------------------------------

25-50-01	Cargo Loading System
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Ident.: MI-25-50-00008546.0001001 / 03 DEC 21

Applicable to: ALL

25-50-01A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	No

Refer to Weight and Balance Manual.

25-50-02	Decompression Panels in the FWD Cargo Compartment
-----------------	----------------------------------------------------------

Ident.: MI-25-50-00008548.0001001 / 03 MAR 21

Applicable to: ALL

25-50-02A

Repair interval	Nbr installed	Nbr required	Placard
C	20	0	No

One or more may be damaged or missing provided that the FWD cargo compartment is empty or does not contain flammable or combustible materials.


25-50-03	Decompression Panels in the AFT and the BULK Cargo Compartments
-----------------	------------------------------------------------------------------------

Ident.: MI-25-50-00024536.0001001 / 03 MAR 21

Applicable to: ALL

25-50-03A

Repair interval	Nbr installed	Nbr required	Placard
C	11	0	No

One or more may be damaged or missing provided that the AFT and the BULK  cargo compartments are empty or do not contain flammable or combustible materials.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-50 - Cargo Compartments
------------------------------------------------------	-------------------------------------------------------------------------------------

25-50-04	Lining Panels in the FWD Lower Deck Cargo Compartment
-----------------	--------------------------------------------------------------

Ident.: MI-25-50-00008550.0001001 / 03 DEC 21

2 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

3

Note: The lining panels covered by this MEL item include the ceiling panels, sidewall panels, partition panels, cargo door panels, and actuator panels.

4 **25-50-04A Damaged Lining Panel**

Repair interval	Nbr installed	Nbr required	Placard
C	8	0	No

One or more may be damaged provided that the FWD lower deck cargo compartment is empty or does not contain flammable or combustible materials.

5 **25-50-04B Missing Lining Panel**

Repair interval	Nbr installed	Nbr required	Placard
C	8	0	No

One or more may be missing provided that the FWD lower deck cargo compartment is empty.

25-50-04	Lining Panels in the FWD Lower Deck Cargo Compartment
-----------------	--------------------------------------------------------------

6 Ident.: MI-25-50-00008550.9001002 / 03 DEC 21

7 Applicable to: LY-COD, LY-RAM

Note: The lining panels covered by this MEL item include the ceiling panels, sidewall panels, partition panels, cargo door panels, and actuator panels.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-50 - Cargo Compartments </div>
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------

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25-50-04A Damaged Lining Panel

Repair interval	Nbr installed	Nbr required	Placard
C	7	0	No

One or more may be damaged provided that the FWD lower deck cargo compartment is empty or does not contain flammable or combustible materials.

25-50-04B Missing Lining Panel

Repair interval	Nbr installed	Nbr required	Placard
C	7	0	No

One or more may be missing provided that the FWD lower deck cargo compartment is empty.

25-50-05	Lining Panels in the AFT and BULK Lower Deck Cargo Compartments
-----------------	------------------------------------------------------------------------

Ident.: MI-25-50-00024538.0001001 / 03 DEC 21

8 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

9

Note: The lining panels covered by this MEL item include the ceiling panels, sidewall panels, partition panels (including tarpaulin), cargo door panels, and actuator panels.

10 25-50-05A Damaged Lining Panel

Repair interval	Nbr installed	Nbr required	Placard
C	21	0	No

One or more may be damaged provided that the AFT and BULK lower deck cargo compartments are empty or do not contain flammable or combustible materials.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-50 - Cargo Compartments
-------------------------------------------------------------	-------------------------------------------------------------------------------------

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11 **25-50-05B Missing Lining Panel**

Repair interval	Nbr installed	Nbr required	Placard
C	21	0	No

One or more may be missing provided that the AFT and BULK lower deck cargo compartments are empty.

25-50-05	Lining Panels in the AFT and BULK Lower Deck Cargo Compartments
-----------------	------------------------------------------------------------------------

12 Ident.: MI-25-50-00024538.9001003 / 03 DEC 21

13 Applicable to: LY-COD, LY-RAM

Note: The lining panels covered by this MEL item include the ceiling panels, sidewall panels, partition panels (including tarpaulin), cargo door panels, and actuator panels.

25-50-05A Damaged Lining Panel

Repair interval	Nbr installed	Nbr required	Placard
C	18	0	No

One or more may be damaged provided that the AFT and BULK lower deck cargo compartments are empty or do not contain flammable or combustible materials.

25-50-05B Missing Lining Panel

Repair interval	Nbr installed	Nbr required	Placard
C	18	0	No

One or more may be missing provided that the AFT and BULK lower deck cargo compartments are empty.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-50 - Cargo Compartments
-------------------------------------------------------------	-------------------------------------------------------------------------------------

25-50-06	Cargo Compartment Restraint Components (Nets, Attach Points, Stanchions)
-----------------	-------------------------------------------------------------------------------------------

Ident.: MI-25-50-00008551.0001001 / 17 NOV 20

Applicable to: ALL

25-50-06A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	No

Refer to Weight and Balance Manual.

25-50-07	Protection Panels of Decompression Panels at the FWD Partition Wall of FWD Cargo Compartment
-----------------	---------------------------------------------------------------------------------------------------------------

Ident.: MI-25-50-00014516.0001001 / 03 MAR 21

Applicable to: ALL

25-50-07A

Repair interval	Nbr installed	Nbr required	Placard
C	6	0	No

(m) One or more may be damaged provided that:

- 1) The affected protection panel is removed if the damage prevents correct operation of the decompression panel, and
- 2) Bulk loading is not permitted in the section between the affected protection panel and the closest divider net.

_____ Reference(s) _____

(m) *Refer to AMM Task 25-54-00-040-801*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-50 - Cargo Compartments
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-62 - Cabin Escape Facilities
-------------------------------------------------------------	------------------------------------------------------------------------------------------

25-62-01	Cabin Door Slide or Slide Raft
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Ident.: MI-25-62-00008553.0001001 / 03 MAR 21

Applicable to: ALL

25-62-01A Slide inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	4	3	No

One may be inoperative for 5 flights provided that the associated door is considered inoperative.

Refer to Item 52-10-01 Cabin Door

25-62-01B Slide removed

Repair interval	Nbr installed	Nbr required	Placard
A	4	3	No

(m) One may be removed for 5 flights provided that the associated door is considered inoperative.

Refer to Item 52-10-01 Cabin Door

_____ Reference(s) _____

(m) *Refer to AMM Task*

25-62-02	Cabin Overwing Exit Slide
-----------------	----------------------------------

Ident.: MI-25-62-00008555.0001001 / 24 FEB 21

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL, LY-RAM

25-62-02A Slide inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	2	1	No

One may be inoperative for 5 flights provided that both associated cabin overwing exits on the same side are considered inoperative.

Refer to Item 52-10-02 Cabin Overwing Exit

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">25 - EQUIPMENT/FURNISHINGS</p> <p style="text-align: center;">25-62 - Cabin Escape Facilities</p>
-------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

25-62-02B Slide removed

Repair interval	Nbr installed	Nbr required	Placard
A	2	1	No

(m) One may be removed for 5 flights provided that both associated cabin overwing exits on the same side are considered inoperative.

Refer to Item 52-10-02 Cabin Overwing Exit

_____ Reference(s) _____

(m) *Refer to AMM Task 25-62-42-000-002*

25-62-02	Cabin Overwing Exit Slide
-----------------	----------------------------------

Ident.: MI-25-62-00008555.0002001 / 24 FEB 21

Applicable to: LY-COD

25-62-02A Slide inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	2	1	No

One may be inoperative for 5 flights provided that the associated cabin overwing exit is considered inoperative.

Refer to Item 52-10-02 Cabin Overwing Exit

25-62-02B Slide removed

Repair interval	Nbr installed	Nbr required	Placard
A	2	1	No

(m) One may be removed for 5 flights provided that the associated cabin overwing exit is considered inoperative.

Refer to Item 52-10-02 Cabin Overwing Exit

_____ Reference(s) _____

(m) *Refer to AMM Task 25-62-42-000-002*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-62 - Cabin Escape Facilities
-------------------------------------------------------------	------------------------------------------------------------------------------------------

25-62-03	SLIDE ARMED light
-----------------	--------------------------

Ident.: MI-25-62-00008557.0001001 / 05 APR 18

Applicable to: ALL

25-62-03A

Repair interval	Nbr installed	Nbr required	Placard
C	6	0	Yes

One or more may be inoperative.

25-62-06	Cabin Door SLIDE PRESS LOW Message on the PTP STATUS Page
-----------------	------------------------------------------------------------------

Ident.: MI-25-62-00008563.0001001 / 03 DEC 21

² Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

³

25-62-06A Check of the associated slide bottle pressure

Repair interval	Nbr installed	Nbr required	Placard
D	4	0	No

- (o) One or more may be inoperative provided that the associated slide bottle pressure is checked before the first flight of each day.

_____ Reference(s) _____

- (o) *Refer to OpsProc 25-62-06A Cabin Door SLIDE PRESS LOW Message on the PTP STATUS Page*

25-62-06B One inoperative and associated exit considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	4	3	No

One may be inoperative for 5 flights provided that the associated exit is considered inoperative. *Refer to Item 52-10-01A Cabin Door*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-62 - Cabin Escape Facilities
------------------------------------------------------	------------------------------------------------------------------------------------------

25-62-06	Cabin Door CHECK SLIDE PRESSURE Message on the FAP
-----------------	-----------------------------------------------------------

Ident.: MI-25-62-00008563.0002001 / 03 DEC 21

Applicable to: LY-COD, LY-RAM

4

25-62-06A Check of the associated slide bottle pressure

Repair interval	Nbr installed	Nbr required	Placard
D	4	0	No

- (o) One or more may be inoperative provided that the associated slide bottle pressure is checked before the first flight of each day.

Reference(s)

- (o) Refer to OpsProc 25-62-06A Cabin Door CHECK SLIDE PRESSURE Message on the FAP

25-62-06B One inoperative and associated exit considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	4	3	No

One may be inoperative for 5 flights provided that the associated exit is considered inoperative. Refer to Item 52-10-01 Cabin Door

25-62-06	Cabin Door CHECK SLIDE PRESSURE Message on the FAP
-----------------	-----------------------------------------------------------

Ident.: MI-25-62-20806910.9001002 / 03 MAR 21

Applicable to: ALL

25-62-06A Check of the associated slide bottle pressure

Repair interval	Nbr installed	Nbr required	Placard
D	8	0	No

- (o) One or more may be inoperative provided that the associated slide bottle pressure is checked before the first flight of each day.

Reference(s)

- (o) Refer to OpsProc 25-62-06A Cabin Door CHECK SLIDE PRESSURE Message on the FAP

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-62 - Cabin Escape Facilities
-------------------------------------------------------------	------------------------------------------------------------------------------------------

Continued from the previous page

25-62-06B One inoperative and associated exit considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	8	3	No

One may be inoperative for 5 flights provided that the associated exit is considered inoperative. *Refer to Item 52-10-01 Cabin Door*

25-62-07	Cabin Overwing Exit SLIDE PRESS LOW Message on the PTP STATUS Page
-----------------	-------------------------------------------------------------------------------------

Ident.: MI-25-62-00008565.0008001 / 03 DEC 21

5 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

6

25-62-07A Check of the associated slide bottle pressure

Repair interval	Nbr installed	Nbr required	Placard
D	2	0	No

(m) One or both may be inoperative provided that the associated slide bottle pressure is checked before the first flight of each day.

_____ Reference(s) _____

(m) *Refer to AMM Task 25-62-00-040-001*

25-62-07B Cabin overwing exits considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	2	1	No

One may be inoperative for 5 flights provided that both cabin overwing exits on the same side are considered inoperative.

Refer to Item 52-10-02A Cabin Overwing Exit

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-62 - Cabin Escape Facilities
------------------------------------------------------	------------------------------------------------------------------------------------------

25-62-07	Cabin Overwing Exit CHECK SLIDE PRESSURE Message on the FAP
-----------------	--------------------------------------------------------------------

Ident.: MI-25-62-00008565.0005001 / 03 DEC 21

Applicable to: LY-RAM

25-62-07A Check of the associated slide bottle pressure

Repair interval	Nbr installed	Nbr required	Placard
D	2	0	No

(m) One or both may be inoperative provided that the associated slide bottle pressure is checked before the first flight of each day.

_____ Reference(s) _____

(m) *Refer to AMM Task 25-62-00-040-001*

25-62-07B One inoperative and associated exit considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	2	1	No

One may be inoperative for 5 flights provided that both cabin overwing exits on the same side are considered inoperative.

Refer to Item 52-10-02 Cabin Overwing Exit

25-62-07	Cabin Overwing Exit CHECK SLIDE PRESSURE Message on the FAP
-----------------	--------------------------------------------------------------------

Ident.: MI-25-62-00008565.0003001 / 03 DEC 21

Applicable to: LY-COD

25-62-07A Check of the associated slide bottle pressure

Repair interval	Nbr installed	Nbr required	Placard
D	2	0	No

(m) One or both may be inoperative provided that the associated slide bottle pressure is checked before the first flight of each day.

_____ Reference(s) _____

(m) *Refer to AMM Task 25-62-00-040-001*

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-62 - Cabin Escape Facilities
-------------------------------------------------------------	------------------------------------------------------------------------------------------

Continued from the previous page

25-62-07C One inoperative and associated exits considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	2	1	No

One may be inoperative for 5 flights provided that the associated cabin overwing exit is considered inoperative.

Refer to Item 52-10-02 Cabin Overwing Exit

25-62-07	Cabin Overwing Exit CHECK SLIDE PRESSURE Message on the FAP
-----------------	--------------------------------------------------------------------

Ident.: MI-25-62-20806911.9001002 / 03 MAR 21

Applicable to: ALL

25-62-07A Check of the associated slide bottle pressure

Repair interval	Nbr installed	Nbr required	Placard
D	2	0	No

(m) One or both may be inoperative provided that the associated slide bottle pressure is checked before the first flight of each day.

_____ Reference(s) _____

(m) *Refer to AMM Task 25-62-00-040-001*

25-62-07B One inoperative and associated exit considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	2	1	No

One may be inoperative for 5 flights provided that both cabin overwing exits on the same side are considered inoperative.

Refer to Item 52-10-02 Cabin Overwing Exit

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-62 - Cabin Escape Facilities
------------------------------------------------------	------------------------------------------------------------------------------------------

25-62-08	Overwing Escape Life Line
-----------------	----------------------------------

Ident.: MI-25-62-00008567.0001001 / 03 MAR 21

Applicable to: LY-COB

25-62-08A Associated cabin overwing exit considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	4	2	No

One or two may be inoperative or missing on the same side for 5 flights provided that the associated cabin overwing exit is considered inoperative.

Refer to Item 52-10-02 Cabin Overwing Exit

25-62-08B Non extended overwater flight

Repair interval	Nbr installed	Nbr required	Placard
D	4	0	No

One or more may be inoperative or missing provided that extended overwater flight is not conducted.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-63 - Evacuation Signaling Equipment
------------------------------------------------------	-------------------------------------------------------------------------------------------------

25-63-01	Emergency Evacuation Signaling System (COMMAND pb-sw, HORN SHUT OFF pb, CAPT&PURS and CAPT sw)
-----------------	-----------------------------------------------------------------------------------------------------------

Ident.: MI-25-63-00008568.0001001 / 13 MAY 20
Applicable to: LY-COB, LY-COD, LY-RAM

25-63-01A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

- (o) May be inoperative.

Reference(s)

(o) Refer to OpsProc 25-63-01A Emergency Evacuation Signaling System (COMMAND pb-sw, HORN SHUT OFF pb, CAPT&PURS and CAPT sw) (If Installed)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-63 - Evacuation Signaling Equipment
------------------------------------------------------	-------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-64 - First Aid Equipment
-------------------------------------------------------------	--------------------------------------------------------------------------------------

25-64-01	First Aid Kit
-----------------	----------------------

Ident.: MI-25-64-00008569.0001001 / 03 MAR 21

Applicable to: ALL

25-64-01B Aircraft with more than 100 passenger seats installed

Repair interval	Nbr installed	Nbr required	Placard
D	2	2	No

(o) One required first aid kit may be incomplete or missing for two consecutive calendar days.

_____ Reference(s) _____

(o) *Refer to OpsProc 25-64-01B First Aid Kit*

25-64-02	Emergency Medical Kit
-----------------	------------------------------

Ident.: MI-25-64-00008570.0001001 / 03 MAR 21

Applicable to: ALL

25-64-02B All Emergency Medical Kit inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	Yes

One or more may be incomplete or missing provided that the flight routes permit a landing within one hour at a suitable airport where medical assistance is available.

Note: FOR APPLICABILITY REFER TO CORRESPONDING AIRCRAFT EMERGENCY EQUIPMENT LAYOUT

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-64 - First Aid Equipment
------------------------------------------------------	--------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-65 - Emergency Equipment
-------------------------------------------------------------	--------------------------------------------------------------------------------------

25-65-01	Cockpit Flashlight
-----------------	---------------------------

Ident.: MI-25-65-00008574.0001001 / 03 MAR 21

Applicable to: ALL

25-65-01A

Repair interval	Nbr installed	Nbr required	Placard
D	2	2	No

One must be operative for each required cockpit crewmember.

25-65-02	Cabin Flashlight
-----------------	-------------------------

Ident.: MI-25-65-00008576.0001001 / 27 MAY 21

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

25-65-02A

Repair interval	Nbr installed	Nbr required	Placard
D	6	4	No

One must be operative for each required cabin crewmember.

25-65-02	Cabin Flashlight
-----------------	-------------------------

Ident.: MI-25-65-00008576.9001002 / 03 MAR 21

Applicable to: LY-RAM

25-65-02A

Repair interval	Nbr installed	Nbr required	Placard
D	4	3	No

One must be operative for each required cabin crewmember.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-65 - Emergency Equipment
------------------------------------------------------	--------------------------------------------------------------------------------------

25-65-02	Cabin Flashlight
-----------------	-------------------------

Ident.: MI-25-65-00008576.9001003 / 03 MAR 21

Applicable to: LY-COD

25-65-02A

Repair interval	Nbr installed	Nbr required	Placard
D	5	3	No

One must be operative for each required cabin crewmember.

25-65-03	Crash Axe/Crowbar
-----------------	--------------------------

Ident.: MI-25-65-00008577.0001001 / 13 MAY 20

Applicable to: ALL

25-65-03A

Repair interval	Nbr installed	Nbr required	Placard
D	1	1	No

One must be operative.

25-65-04	Survival Emergency Locator Transmitter
-----------------	-----------------------------------------------

Ident.: MI-25-65-00008578.0001001 / 03 MAR 21

Applicable to: ALL

25-65-04A One Survival Emergency Locator Transmitter operative

Repair interval	Nbr installed	Nbr required	Placard
–	1	1	Yes

- (o) Must be operative.

Reference(s)

- (o) Refer to OpsProc 25-65-04A Survival Emergency Locator Transmitter

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-65 - Emergency Equipment
-------------------------------------------------------------	--------------------------------------------------------------------------------------

25-65-05	Automatic Emergency Locator Transmitter
-----------------	------------------------------------------------

Ident.: MI-25-65-00021774.0001001 / 03 MAR 21

Applicable to: ALL

25-65-05C No Automatic Emergency Locator Transmitter operative

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	Yes

All may be inoperative for 6 flights or 25 flight hours whichever occurs first.

25-65-06	Fireproof Gloves
-----------------	-------------------------

Ident.: MI-25-65-00008579.0001001 / 03 MAR 21

Applicable to: ALL

25-65-06A 'C' Repair Interval

Repair interval	Nbr installed	Nbr required	Placard
–	3	0	No

One or more may be damaged or missing.

25-65-06B 'D' Repair Interval and Procedures do not require their use

Repair interval	Nbr installed	Nbr required	Placard
–	3	0	No

One or more may be damaged or missing provided that the procedures do not require their use.

25-65-07	Megaphone
-----------------	------------------

Ident.: MI-25-65-00008580.0001001 / 03 MAR 21

Applicable to: ALL

25-65-07A

Repair interval	Nbr installed	Nbr required	Placard
–	2	2	No

- (o) One or more non-required megaphones may be inoperative or missing.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>25 - EQUIPMENT/FURNISHINGS</div> <div>25-65 - Emergency Equipment</div>
------------------------------------------------------	---------------------------------------------------------------------------------------------------

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Reference(s)

(o) Refer to OpsProc 25-65-07A Megaphone

25-65-08	Low Frequency - Underwater Locator Beacon (LF-ULB)
----------	----------------------------------------------------

Ident.: MI-25-65-00022084.0002001 / 03 MAR 21

Applicable to: ALL

25-65-08A No Overwater Flight

Repair interval	Nbr installed	Nbr required	Placard
–	1	0	No

May be inoperative or missing provided that operations at a distance of more than 180 NM from the shore are not conducted.

25-65-08B Overwater Flight

Repair interval	Nbr installed	Nbr required	Placard
–	1	0	No

May be inoperative or missing provided that an automatic ELT is operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-66 - Floatation and Survival Equipment
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------

25-66-01	Life Vest
-----------------	------------------

Ident.: MI-25-66-00008581.0001001 / 03 MAR 21

Applicable to: LY-EMU

25-66-01A One life vest available for each occupant

Repair interval	Nbr installed	Nbr required	Placard
–	215	–	No

One or more may be inoperative or missing provided that:

- 1) One life vest is available for each crewmember and each passenger, and
- 2) The associated seat is considered inoperative.

Refer to Item 25-20-01 Passenger Seat

25-66-01B One life vest not available for each occupant

Repair interval	Nbr installed	Nbr required	Placard
D	215	0	No

One or more may be inoperative or missing provided that:

- 1) Operations at a distance of more than 50 NM from the shore are not conducted, and
- 2) There is no risk of ditching during takeoff and landing.

25-66-01	Life Vest
-----------------	------------------

Ident.: MI-25-66-00008581.9001002 / 03 MAR 21

Applicable to: LY-COD

25-66-01A One life vest available for each occupant

Repair interval	Nbr installed	Nbr required	Placard
–	179	–	No

One or more may be inoperative or missing provided that:

- 1) One life vest is available for each crewmember and each passenger, and
- 2) The associated seat is considered inoperative.

Refer to Item 25-20-01 Passenger Seat

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-66 - Floatation and Survival Equipment</p>
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

25-66-01B One life vest not available for each occupant

Repair interval	Nbr installed	Nbr required	Placard
D	179	0	No

- One or more may be inoperative or missing provided that:
- 1) Operations at a distance of more than 50 NM from the shore are not conducted, and
 - 2) There is no risk of ditching during takeoff and landing.

25-66-01	Life Vest
----------	-----------

Ident.: MI-25-66-00008581.9001003 / 03 MAR 21

Applicable to: LY-RAM

25-66-01A One life vest available for each occupant

Repair interval	Nbr installed	Nbr required	Placard
–	182	–	No

- One or more may be inoperative or missing provided that:
- 1) One life vest is available for each crewmember and each passenger, and
 - 2) The associated seat is considered inoperative.
- Refer to Item 25-20-01 Passenger Seat*

25-66-01B One life vest not available for each occupant

Repair interval	Nbr installed	Nbr required	Placard
D	182	0	No

- One or more may be inoperative or missing provided that:
- 1) Operations at a distance of more than 50 NM from the shore are not conducted, and
 - 2) There is no risk of ditching during takeoff and landing.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 25 - EQUIPMENT/FURNISHINGS 25-66 - Floatation and Survival Equipment
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------

25-66-01	Life Vest
-----------------	------------------

Ident.: MI-25-66-00008581.9001004 / 03 MAR 21

Applicable to: LY-COB

25-66-01A One life vest available for each occupant

Repair interval	Nbr installed	Nbr required	Placard
–	211	–	No

One or more may be inoperative or missing provided that:

- 1) One life vest is available for each crewmember and each passenger, and
- 2) The associated seat is considered inoperative.

Refer to Item 25-20-01 Passenger Seat

25-66-01B One life vest not available for each occupant

Repair interval	Nbr installed	Nbr required	Placard
D	211	0	No

One or more may be inoperative or missing provided that:

- 1) Operations at a distance of more than 50 NM from the shore are not conducted, and
- 2) There is no risk of ditching during takeoff and landing.

25-66-01	Life Vest
-----------------	------------------

Ident.: MI-25-66-00008581.9001005 / 03 MAR 21

Applicable to: LY-ELK, LY-OWL

25-66-01A One life vest available for each occupant

Repair interval	Nbr installed	Nbr required	Placard
–	225	–	No

One or more may be inoperative or missing provided that:

- 1) One life vest is available for each crewmember and each passenger, and
- 2) The associated seat is considered inoperative.

Refer to Item 25-20-01 Passenger Seat

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>25 - EQUIPMENT/FURNISHINGS</div> <div>25-66 - Floatation and Survival Equipment</div>
------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------

Continued from the previous page

25-66-01B One life vest not available for each occupant

Repair interval	Nbr installed	Nbr required	Placard
D	225	0	No

- One or more may be inoperative or missing provided that:
- 1) Operations at a distance of more than 50 NM from the shore are not conducted, and
 - 2) There is no risk of ditching during takeoff and landing.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>26 - FIRE PROTECTION</div> <div>26-00 - MAINTENANCE Message on the STATUS SD page</div>
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------

26-00-01	SDCU <u>MAINTENANCE</u> Message
----------	---------------------------------

Ident.: MI-26-00-00008419.0001001 / 22 MAR 10

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

26-00-01A

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	No

SDCU MAINTENANCE message may be displayed on the STATUS SD page.

26-00-01	SMOKE <u>MAINTENANCE</u> Message
----------	----------------------------------

Ident.: MI-26-00-00008419.0004001 / 22 MAR 10

Applicable to: LY-COD, LY-RAM

26-00-01A

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	No

SMOKE MAINTENANCE message may be displayed on the STATUS SD page.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 26 - FIRE PROTECTION 26-00 - MAINTENANCE Message on the STATUS SD page
------------------------------------------------------	------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">26 - FIRE PROTECTION</p> <p style="text-align: center;">26-01 - Overhead Panels</p> <p style="text-align: center;">26-01-01 - FIRE Overhead Panel</p>
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

26-01-01-01	Bulb/LED in the ENG FIRE-PUSH pb-sw
--------------------	--------------------------------------------

Ident.: MI-26-01-01-00008447.0001001 / 22 MAR 10

Applicable to: ALL

26-01-01-01A

Repair interval	Nbr installed	Nbr required	Placard
C	16	8	No

A maximum of four bulbs or LEDs may be inoperative in each ENG FIRE-PUSH pb-sw.

26-01-01-02	ENG AGENT pb DISCH light
--------------------	---------------------------------

Ident.: MI-26-01-01-00008450.0001001 / 22 MAY 19

Applicable to: ALL

26-01-01-02A One inoperative on each engine

Repair interval	Nbr installed	Nbr required	Placard
C	4	2	Yes

(m) One may be inoperative on each engine provided that the associated fire extinguisher bottle is checked before the first flight of each day.

_____ Reference(s) _____

(m) *Refer to AMM Task 26-21-00-040-001*

26-01-01-02B Both inoperative on one engine

Repair interval	Nbr installed	Nbr required	Placard
A	4	2	Yes

(m) Both may be inoperative on one engine for four flights or 15 flight hours, whichever occurs first, provided that the associated fire extinguisher bottles are checked before each flight.

_____ Reference(s) _____

(m) *Refer to AMM Task 26-21-00-040-001*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 26 - FIRE PROTECTION 26-01 - Overhead Panels 26-01-01 - FIRE Overhead Panel
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------

26-01-01-03	ENG AGENT pb SQUIB light
--------------------	---------------------------------

Ident.: MI-26-01-01-00008451.0001001 / 22 MAR 10

Applicable to: ALL

26-01-01-03A

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	Yes

(m) One or more may be inoperative provided that the engine extinguishing system firing circuit is checked operative before the first flight of each day.

_____ Reference(s) _____

(m) *Refer to AMM 26-21-00-040-003*

26-01-01-04	Bulb/LED in the APU FIRE-PUSH pb-sw
--------------------	--------------------------------------------

Ident.: MI-26-01-01-00008452.0001001 / 22 MAY 19

Applicable to: ALL

26-01-01-04A A maximum of four bulbs or LEDs inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	8	4	No

A maximum of four bulbs or LEDs may be inoperative.

26-01-01-04B Five or more bulbs or LEDs inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	8	0	No

Five or more bulbs or LEDs may be inoperative provided that:

- 1) ETOPS is not conducted, and
- 2) The APU is deactivated.

Refer to Item 49-10-01C Power Plant (APU)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 26 - FIRE PROTECTION 26-01 - Overhead Panels 26-01-01 - FIRE Overhead Panel
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------

26-01-01-05	APU AGENT pb DISCH light
-------------	--------------------------

Ident.: MI-26-01-01-00008453.0001001 / 22 MAY 19

Applicable to: ALL

26-01-01-05A Check of bottle pressure

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(m) May be inoperative provided that the APU fire extinguisher bottle is checked before the first flight of each day.

_____ Reference(s) _____

(m) Refer to AMM Task 26-22-00-040-004

26-01-01-05B APU deactivated

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the APU is deactivated.

Refer to Item 49-10-01C Power Plant (APU)

26-01-01-06	APU AGENT pb SQUIB light
-------------	--------------------------

Ident.: MI-26-01-01-00008454.0001001 / 22 MAY 19

Applicable to: ALL

26-01-01-06A Check of APU extinguishing system firing circuit

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(m) May be inoperative provided that the APU extinguishing system firing circuit is checked operative before the first flight of each day.

_____ Reference(s) _____

(m) Refer to AMM Task 26-22-00-040-005

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 26 - FIRE PROTECTION 26-01 - Overhead Panels 26-01-01 - FIRE Overhead Panel
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------

Continued from the previous page

26-01-01-06B APU deactivated

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the APU is deactivated.

Refer to Item 49-10-01C Power Plant (APU)

26-01-01-31	ENG FIRE TEST pb
--------------------	-------------------------

Ident.: MI-26-01-01-00008455.0001001 / 22 MAR 10

Applicable to: ALL

26-01-01-31A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(m) One may be inoperative provided that the associated engine fire extinguishing and detection systems are checked operative before the first flight of each day.

_____ Reference(s) _____

(m) *Refer to AMM 26-21-00-040-002*

26-01-01-32	APU FIRE TEST pb
--------------------	-------------------------

Ident.: MI-26-01-01-00008456.0001001 / 22 MAY 19

Applicable to: ALL

26-01-01-32A Daily check

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(m) May be inoperative provided that the APU extinguishing system firing circuit and the bottle low pressure detection system are checked operative before the first flight of each day.

_____ Reference(s) _____

(m) *Refer to AMM Task 26-22-00-040-012*

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">26 - FIRE PROTECTION</p> <p style="text-align: center;">26-01 - Overhead Panels</p> <p style="text-align: center;">26-01-01 - FIRE Overhead Panel</p>
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Continued from the previous page

26-01-01-32B APU deactivated

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the APU is deactivated.

Refer to Item 49-10-01C Power Plant (APU)

26-01-01-33	APU FIRE PUSH pb-sw
--------------------	----------------------------

Ident.: MI-26-01-01-00008459.0001001 / 22 MAY 19

Applicable to: ALL

26-01-01-33A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the APU is deactivated.

Refer to Item 49-10-01C Power Plant (APU)

26-01-01-34	APU AGENT pb
--------------------	---------------------

Ident.: MI-26-01-01-00008461.0001001 / 22 MAY 19

Applicable to: ALL

26-01-01-34A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the APU is deactivated.

Refer to Item 49-10-01C Power Plant (APU)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 26 - FIRE PROTECTION 26-01 - Overhead Panels 26-01-01 - FIRE Overhead Panel
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 26 - FIRE PROTECTION 26-01 - Overhead Panels 26-01-02 - CARGO SMOKE Overhead Panel
-------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------

26-01-02-01	CARGO SMOKE DISCH/BTL light
--------------------	------------------------------------

Ident.: MI-26-01-02-00008467.0001001 / 13 MAY 20

1 Applicable to: ALL

26-01-02-01A Check of bottle weight

Repair interval	Nbr installed	Nbr required	Placard
C	–	0	Yes

(m) May be inoperative provided that the associated bottle weight is checked before the first flight of each day.

_____ Reference(s) _____

(m) *Refer to AMM Task 26-23-00-040-001*

26-01-02-01B Associated bottle considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	–	0	Yes

May be inoperative provided that the associated bottle is considered inoperative.

Refer to Item 26-23-01 Cargo Agent Bottle

26-01-02-02	CARGO SMOKE DISCH AGENT 2 light
--------------------	----------------------------------------

Ident.: MI-26-01-02-00008469.0001001 / 15 SEP 10

Applicable to: LY-COB

26-01-02-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the agent bottle 2 is considered inoperative.

Refer to Item 26-23-01 Cargo Agent Bottle

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 26 - FIRE PROTECTION 26-01 - Overhead Panels 26-01-02 - CARGO SMOKE Overhead Panel
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p align="center">MEL ITEMS</p> <p align="center">26 - FIRE PROTECTION</p> <p align="center">26-12 - Engine Fire and Overheat Detection</p>
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------

26-12-01	Engine Fire Detection Loop A on the Engine 1
-----------------	-----------------------------------------------------

Ident.: MI-26-12-00008470.0001001 / 17 NOV 20
Applicable to: ALL

26-12-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative provided that:
 - 1) ETOPS beyond 120 min is not conducted, and
 - 2) The associated detection loop B is operative, and
 - 3) The engine fire test is made before each flight.

_____ Reference(s) _____

- (o) *Refer to OpsProc 26-12-01A Engine Fire Detection Loop A on the Engine 1*

26-12-02	Engine Fire Detection Loop A on the Engine 2
-----------------	-----------------------------------------------------

Ident.: MI-26-12-00008473.0001001 / 17 NOV 20
Applicable to: ALL

26-12-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative provided that:
 - 1) The associated detection loop B is operative, and
 - 2) The engine fire test is made before each flight.

_____ Reference(s) _____

- (o) *Refer to OpsProc 26-12-02A Engine Fire Detection Loop A on the Engine 2 or Loop B on the Engine 1*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 26 - FIRE PROTECTION 26-12 - Engine Fire and Overheat Detection
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------

26-12-03	Engine Fire Detection Loop B on the Engine 1
-----------------	-----------------------------------------------------

Ident.: MI-26-12-00008476.0001001 / 17 NOV 20

Applicable to: ALL

26-12-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative provided that the engine fire test is made before each flight.

_____ Reference(s) _____

- (o) *Refer to OpsProc 26-12-03A Engine Fire Detection Loop A on the Engine 2 or Loop B on the Engine 1*

26-12-04	Engine Fire Detection Loop B on the Engine 2
-----------------	-----------------------------------------------------

Ident.: MI-26-12-00008478.0001001 / 17 NOV 20

Applicable to: ALL

26-12-04A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative provided that:
- 1) ETOPS beyond 120 min is not conducted, and
 - 2) The engine fire test is made before each flight.

_____ Reference(s) _____

- (o) *Refer to OpsProc 26-12-04A Engine Fire Detection Loop B on the Engine 2*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div> MEL ITEMS 26 - FIRE PROTECTION 26-12 - Engine Fire and Overheat Detection </div>
------------------------------------------------------	----------------------------------------------------------------------------------------

26-12-05	FIRE light on the ENG MASTER Panel
----------	------------------------------------

Ident.: MI-26-12-00008480.0001001 / 22 MAR 10
Applicable to: ALL

26-12-05A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 26 - FIRE PROTECTION 26-12 - Engine Fire and Overheat Detection
------------------------------------------------------	-----------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL ITEMS 26 - FIRE PROTECTION 26-13 - APU Fire and Overheat Detection </div>
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------

26-13-01	APU Fire Detection Loop
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Ident.: MI-26-13-00008482.0001001 / 22 MAY 19

Applicable to: ALL

26-13-01A Loop A inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) APU fire detection loop A may be inoperative provided that:
- 1) ETOPS beyond 120 min is not conducted, and
 - 2) The APU fire test is made before each APU start, and
 - 3) During APU operations on ground, APU condition is continuously monitored in the cockpit.

_____ Reference(s) _____

- (o) *Refer to OpsProc 26-13-01A APU Fire Detection Loop*

26-13-01B Loop B inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) APU fire detection loop B may be inoperative provided that:
- 1) ETOPS beyond 120 min is not conducted, and
 - 2) The APU fire test is made before each APU start.

_____ Reference(s) _____

- (o) *Refer to OpsProc 26-13-01B APU Fire Detection Loop*

26-13-01C Both loops inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

Both loops may be inoperative provided that:

- 1) ETOPS is not conducted, and
- 2) The APU is deactivated.

Refer to Item 49-10-01C Power Plant (APU)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 26 - FIRE PROTECTION 26-13 - APU Fire and Overheat Detection
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>26 - FIRE PROTECTION</div> <div>26-15 - Avionics Compartment Smoke Detection</div>
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------

26-15-01	Avionics Smoke Detection System
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Ident.: MI-26-15-00008485.0001001 / 22 MAY 19

Applicable to: ALL

26-15-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative provided that ETOPS is not conducted.

Reference(s)

- (o) Refer to OpsProc 26-15-01A Avionics Smoke Detection System

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 26 - FIRE PROTECTION 26-15 - Avionics Compartment Smoke Detection
------------------------------------------------------	-------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">26 - FIRE PROTECTION</p> <p style="text-align: center;">26-16 - Cargo Compartment Smoke Detection</p>
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

26-16-01	Smoke Detector in the FWD Cargo Compartment
-----------------	----------------------------------------------------

Ident.: MI-26-16-00008486.0003001 / 22 MAY 19

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

Note: Failure of a single detector in the cavity is indicated by a MAINTENANCE message on the STATUS SD page.

Refer to Item 26-00-01 SDCU/SMOKE MAINTENANCE Message

26-16-01A

Repair interval	Nbr installed	Nbr required	Placard
D	2	0	No

Both detectors in the cavity may be inoperative provided that the FWD cargo compartment is empty or does not contain flammable or combustible materials.

26-16-01	Smoke Detector in the FWD Cargo Compartment
-----------------	----------------------------------------------------

Ident.: MI-26-16-00008486.0009001 / 22 MAY 19

Applicable to: LY-COD, LY-RAM

Note: 1. The cargo smoke detection function is part of the CIDS Smoke Detection Function (CIDS-SDF).

Refer to Item 23-73-10-01 Smoke Detection Function (CIDS-SDF)

2. Failure of a single detector in the cavity is indicated by a MAINTENANCE message on the STATUS SD page.

Refer to Item 26-00-01 SDCU/SMOKE MAINTENANCE Message

26-16-01A

Repair interval	Nbr installed	Nbr required	Placard
D	2	0	No

Both detectors in the cavity may be inoperative provided that the FWD cargo compartment is empty or does not contain flammable or combustible materials.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">26 - FIRE PROTECTION</p> <p style="text-align: center;">26-16 - Cargo Compartment Smoke Detection</p>
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

26-16-02	Smoke Detector in the AFT and the BULK Cargo Compartments
-----------------	------------------------------------------------------------------

Ident.: MI-26-16-00008488.0003001 / 22 MAY 19

Applicable to: LY-ELK, LY-EMU, LY-OWL

Note: Failure of a single detector in the cavity is indicated by a MAINTENANCE message on the STATUS SD page.
Refer to Item 26-00-01 SDCU/SMOKE MAINTENANCE Message

26-16-02A

Repair interval	Nbr installed	Nbr required	Placard
D	4	0	No

Both detectors in one or both cavities may be inoperative provided that the AFT and the BULK cargo compartments are empty or do not contain flammable or combustible materials.

26-16-02	Smoke Detector in the AFT and the BULK Cargo Compartments
-----------------	------------------------------------------------------------------

Ident.: MI-26-16-00008488.0006001 / 22 MAY 19

Applicable to: LY-RAM

Note:

- 1. The cargo smoke detection function is part of the CIDS Smoke Detection Function (CIDS-SDF).
Refer to Item 23-73-10-01 Smoke Detection Function (CIDS-SDF)*
- 2. Failure of a single detector in the cavity is indicated by a MAINTENANCE message on the STATUS SD page.
Refer to Item 26-00-01 SDCU/SMOKE MAINTENANCE Message*

26-16-02A

Repair interval	Nbr installed	Nbr required	Placard
D	4	0	No

Both detectors in one or both cavities may be inoperative provided that the AFT and the BULK cargo compartments are empty or do not contain flammable or combustible materials.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>26 - FIRE PROTECTION</div> <div>26-16 - Cargo Compartment Smoke Detection</div>
------------------------------------------------------	-----------------------------------------------------------------------------------------------------------

26-16-02	Smoke Detector in the AFT and the BULK Cargo Compartments
----------	-----------------------------------------------------------

Ident.: MI-26-16-00008488.0008001 / 22 MAY 19

Applicable to: LY-COB

Note: Failure of a single detector in the cavity is indicated by a MAINTENANCE message on the STATUS SD page.

Refer to Item 26-00-01 SDCU/SMOKE MAINTENANCE Message

26-16-02A

Repair interval	Nbr installed	Nbr required	Placard
D	4	0	No

Both detectors in one or both cavities may be inoperative provided that the AFT and the BULK cargo compartments are empty or do not contain flammable or combustible materials.

26-16-02	Smoke Detector in the AFT and the BULK Cargo Compartments
----------	-----------------------------------------------------------

Ident.: MI-26-16-00008488.0016001 / 22 MAY 19

Applicable to: LY-COD

Note: 1. The cargo smoke detection function is part of the CIDS Smoke Detection Function (CIDS-SDF).

Refer to Item 23-73-10-01 Smoke Detection Function (CIDS-SDF)

2. Failure of a single detector in the cavity is indicated by a MAINTENANCE message on the STATUS SD page.

Refer to Item 26-00-01 SDCU/SMOKE MAINTENANCE Message

26-16-02A

Repair interval	Nbr installed	Nbr required	Placard
D	4	0	No

Both detectors in one or both cavities may be inoperative provided that the AFT and the BULK cargo compartments are empty or do not contain flammable or combustible materials.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 26 - FIRE PROTECTION 26-16 - Cargo Compartment Smoke Detection
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 26 - FIRE PROTECTION 26-17 - Lavatory Smoke Detection
------------------------------------------------------	-------------------------------------------------------------------------------------

26-17-01	Lavatory Smoke Detection System
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Ident.: MI-26-17-00008489.0001001 / 03 DEC 21

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

2

26-17-01A Associated lavatory fire extinguishing system operative

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	No

- (o) One or more may be inoperative provided that:
- 1) The associated lavatory fire extinguishing system is operative, and
 - 2) A procedure is used to periodically check absence of smoke in the associated lavatory.

_____ Reference(s) _____

(o) *Refer to OpsProc 26-17-01A Lavatory Smoke Detection System*

26-17-01B Associated lavatory not used

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

- One or more may be inoperative provided that:
- 1) The associated lavatory waste receptacle is empty, and
 - 2) The associated lavatory door is locked closed and placarded inoperative, and
 - 3) The lavatory is not used for storage or for any other purpose.

26-17-01	Lavatory Smoke Detection System
-----------------	----------------------------------------

Ident.: MI-26-17-00008489.0002001 / 03 DEC 21

Applicable to: LY-COD, LY-RAM

3

Note: *The lavatory smoke detection function is part of CIDS Smoke Detection Function (CIDS-SDF).*

Refer to Item 23-73-10-01 Smoke Detection Function (CIDS-SDF)

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>26 - FIRE PROTECTION</div> <div>26-17 - Lavatory Smoke Detection</div>
------------------------------------------------------	--------------------------------------------------------------------------------------------------

Continued from the previous page

26-17-01A Associated lavatory fire extinguishing system operative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) One or more may be inoperative provided that:
- 1) The associated lavatory fire extinguishing system is operative, and

2) A procedure is used to periodically check absence of smoke in the associated lavatory.
- Reference(s)

(o) Refer to OpsProc 26-17-01A Lavatory Smoke Detection System

26-17-01B Associated lavatory not used

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

- One or more may be inoperative provided that:
- 1) The associated lavatory waste receptacle is empty, and

2) The associated lavatory door is locked closed and placarded inoperative, and

3) The lavatory is not used for storage or for any other purpose.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL ITEMS 26 - FIRE PROTECTION 26-17 - Lavatory Smoke Detection </div>
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------

26-17-02	Smoke Detection Control Unit (SDCU)
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Ident.: MI-26-17-00008490.0007001 / 22 MAR 10
Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

26-17-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- May be inoperative provided that:
- 1) The FWD, AFT, and BULK cargo smoke detection systems are considered inoperative, and
 - 2) The lavatory smoke detection system is considered inoperative.
Refer to Item 26-16-01 Smoke Detector in the FWD Cargo Compartment, and
Refer to Item 26-16-02 Smoke Detector in the AFT and the BULK Cargo Compartments,
and
Refer to Item 26-17-01 Lavatory Smoke Detection System
- Note: *Failure of a single SDCU channel is indicated by a **MAINTENANCE** message on the **STATUS SD** page.*
Refer to Item 26-00-01 SDCU/SMOKE MAINTENANCE Message

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 26 - FIRE PROTECTION 26-17 - Lavatory Smoke Detection
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 26 - FIRE PROTECTION 26-22 - APU Fire Extinguishing
-------------------------------------------------------------	-----------------------------------------------------------------------------------

26-22-01	APU Automatic Fire Extinguishing Control on Ground
-----------------	-----------------------------------------------------------

Ident.: MI-26-22-00008491.0001001 / 22 MAY 19

Applicable to: ALL

26-22-01A APU operations on ground monitored

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative provided that the APU condition is continuously monitored in the cockpit during APU operations on ground .

26-22-01B APU deactivated

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the APU is deactivated.

Refer to Item 49-10-01C Power Plant (APU)

26-22-02	APU Fire Extinguisher Overpressure Indication (Red Disc)
-----------------	-----------------------------------------------------------------

Ident.: MI-26-22-00008492.0001001 / 11 AUG 15

Applicable to: ALL

26-22-02A APU Fire extinguisher bottle pressure switch operative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(m) May be damaged or missing provided that the APU fire extinguisher bottle pressure switch is checked operative before the first flight of each day.

_____ Reference(s) _____

(m) *Refer to AMM Task 26-22-00-040-007*

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>26 - FIRE PROTECTION</div> <div>26-22 - APU Fire Extinguishing</div>
------------------------------------------------------	------------------------------------------------------------------------------------------------

Continued from the previous page

26-22-02B APU deactivated

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the APU is deactivated.

Refer to Item 49-10-01C Power Plant (APU)

26-22-03	Squib of the APU Fire Extinguisher Bottle
----------	-------------------------------------------

Ident.: MI-26-22-00008493.0001001 / 11 AUG 15

Applicable to: ALL

26-22-03A One inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(m) One may be inoperative provided that the remaining squib is checked operative before the first flight of each day.

_____ Reference(s) _____

(m) *Refer to AMM Task 26-22-00-040-008*

26-22-03B Both inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

Both may be inoperative provided that the APU is deactivated.

Refer to Item 49-10-01C Power Plant (APU)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 26 - FIRE PROTECTION 26-22 - APU Fire Extinguishing
-------------------------------------------------------------	-----------------------------------------------------------------------------------

26-22-04	APU Fire Extinguisher Bottle
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Ident.: MI-26-22-00008494.0001001 / 22 MAR 10

Applicable to: ALL

26-22-04A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the APU is deactivated.

Refer to Item 49-10-01C Power Plant (APU)

26-22-05	APU AUTO EXTING TEST pb-sw on the Maintenance Panel
-----------------	------------------------------------------------------------

Ident.: MI-26-22-00008495.0001001 / 22 MAR 10

Applicable to: ALL

26-22-05A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative provided that the APU automatic fire extinguishing control on ground is considered inoperative.

Refer to Item 26-22-01 APU Automatic Fire Extinguishing Control on Ground

26-22-06	APU FIRE light on the External Power Panel
-----------------	---------------------------------------------------

Ident.: MI-26-22-00008496.0001001 / 27 JUN 11

Applicable to: ALL

26-22-06A APU Automatic fire extinguishing control on ground operative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(m) May be inoperative provided that the APU automatic fire extinguishing control on ground is checked operative.

_____ Reference(s) _____

(m) *Refer to AMM 26-22-00-040-010*

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 26 - FIRE PROTECTION 26-22 - APU Fire Extinguishing
-------------------------------------------------------------	-----------------------------------------------------------------------------------

Continued from the previous page

26-22-06B APU Automatic fire extinguishing control on ground considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the APU automatic fire extinguishing control on ground is considered inoperative.

Refer to Item 26-22-01 APU Automatic Fire Extinguishing Control on Ground

26-22-07	APU SHUT OFF pb on the External Power Panel
----------	---------------------------------------------

Ident.: MI-26-22-00008497.0001001 / 27 JUN 11

Applicable to: ALL

26-22-07A APU Automatic fire extinguishing control on ground operative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(m) May be inoperative provided that the APU automatic fire extinguishing control on ground is checked operative.

Reference(s)

(m) Refer to AMM 26-22-00-040-011

26-22-07B APU Automatic fire extinguishing control on ground considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the APU automatic fire extinguishing control on ground is considered inoperative.

Refer to Item 26-22-01 APU Automatic Fire Extinguishing Control on Ground

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 26 - FIRE PROTECTION 26-23 - Cargo Compartment Fire Extinguishing</p>
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------

26-23-01	Cargo Agent Bottle
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Ident.: MI-26-23-00008498.0006001 / 22 MAY 19

Applicable to: LY-ELK, LY-EMU, LY-OWL

26-23-01A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	Yes

May be inoperative provided that the cargo compartments are empty or do not contain flammable or combustible materials.

26-23-01	Cargo Agent Bottle
-----------------	---------------------------

Ident.: MI-26-23-00008498.0009001 / 22 MAY 19

Applicable to: LY-COB

26-23-01A No flammable or combustible materials

Repair interval	Nbr installed	Nbr required	Placard
D	2	0	Yes

One or both may be inoperative provided that the cargo compartments are empty or do not contain flammable or combustible materials.

26-23-01C Non ETOPS flight

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

Only agent bottle 2 may be inoperative provided that ETOPS is not conducted.

26-23-01	Cargo Agent Bottle
-----------------	---------------------------

Ident.: MI-26-23-00008498.0013001 / 22 MAY 19

Applicable to: LY-COD, LY-RAM

Note: The cargo smoke detection function is part of CIDS Smoke Detection Function (CIDS-SDF).
Refer to Item 23-73-10-01 Smoke Detection Function (CIDS-SDF)

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>26 - FIRE PROTECTION</div> <div>26-23 - Cargo Compartment Fire Extinguishing</div>
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------

Continued from the previous page

26-23-01A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	Yes

May be inoperative provided that the cargo compartments are empty or do not contain flammable or combustible materials.

26-23-02	Squib of the FWD Cargo Bottle 1
----------	---------------------------------


Ident.: MI-26-23-00008499.0005001 / 17 NOV 20

1 Applicable to: ALL

26-23-02A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	Yes

May be inoperative provided that the FWD cargo compartment is empty or does not contain flammable or combustible materials.


26-23-03	Squib of the AFT/BULK  Cargo Bottle 1
----------	------------------------------------------------------------------------------------------------------------------------

Ident.: MI-26-23-00024539.0002001 / 17 NOV 20

2 Applicable to: ALL

26-23-03A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	Yes

May be inoperative provided that the AFT and the BULK  cargo compartments are empty or do not contain flammable or combustible materials.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p align="center">MEL ITEMS</p> <p align="center">26 - FIRE PROTECTION</p> <p align="center">26-23 - Cargo Compartment Fire Extinguishing</p>
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------

26-23-04	Squib of the FWD Cargo Bottle 2
-----------------	----------------------------------------

Ident.: MI-26-23-00008500.0005001 / 17 NOV 20

Applicable to: LY-COB

26-23-04A No flammable or combustible materials


Repair interval	Nbr installed	Nbr required	Placard
D	1	0	Yes

May be inoperative provided that the FWD cargo compartment is empty or does not contain flammable or combustible materials.

26-23-04B Non ETOPS flight

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that ETOPS is not conducted.


26-23-05	Squib of the AFT/BULK  Cargo Bottle 2
-----------------	-------------------------------------------------------------------------------------------------------------------------------

Ident.: MI-26-23-00024540.0008001 / 17 NOV 20

Applicable to: LY-COB

26-23-05A No flammable or combustible materials

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	Yes

May be inoperative provided that the AFT and the BULK  cargo compartments are empty or do not contain flammable or combustible materials.

26-23-05B Non ETOPS flight

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that ETOPS is not conducted.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 26 - FIRE PROTECTION 26-23 - Cargo Compartment Fire Extinguishing
------------------------------------------------------	-------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>26 - FIRE PROTECTION</div> <div>26-24 - Portable Fire Extinguisher</div>
------------------------------------------------------	----------------------------------------------------------------------------------------------------

26-24-01	FIRE EXTINGUISHER HALON
----------	-------------------------

Ident.: MI-26-24-00008501.9001003 / 03 MAR 21

Applicable to: LY-COB

26-24-01D

Repair interval	Nbr installed	Nbr required	Placard
–	3	3	No

- (o) One or more non required portable fire extinguisher may be inoperative and removed or missing.

Note: Inoperative portable fire extinguisher may be subject to dangerous goods requirements.

_____ Reference(s) _____

- (o) Refer to OpsProc 26-24-01D Cabin Portable Fire Extinguisher

26-24-01	FIRE EXTINGUISHER HALON
----------	-------------------------

Ident.: MI-26-24-00008501.9001004 / 03 MAR 21

Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

26-24-01D

Repair interval	Nbr installed	Nbr required	Placard
D	4	3	No

- (o) One or more non required portable fire extinguisher may be inoperative and removed or missing.

Note: Inoperative portable fire extinguisher may be subject to dangerous goods requirements.

_____ Reference(s) _____

- (o) Refer to OpsProc 26-24-01D Cabin Portable Fire Extinguisher

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>26 - FIRE PROTECTION</div> <div>26-24 - Portable Fire Extinguisher</div>
------------------------------------------------------	----------------------------------------------------------------------------------------------------

26-24-02	Cockpit Portable Fire Extinguisher
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Ident.: MI-26-24-00021762.0001001 / 21 NOV 17

Applicable to: ALL

26-24-02A

Repair interval	Nbr installed	Nbr required	Placard
-	1	1	No

Must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>26 - FIRE PROTECTION</div> <div>26-25 - Lavatory Fire Extinguishing</div>
------------------------------------------------------	-----------------------------------------------------------------------------------------------------

26-25-01	Lavatory Waste Bin Fire Extinguishing System
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Ident.: MI-26-25-00008502.0001001 / 13 MAY 20

Applicable to: LY-COB, LY-COD, LY-ELK, LY-EMU, LY-OWL

26-25-01A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	No

One or more may be inoperative.

26-25-01	Lavatory Waste Bin Fire Extinguishing System
----------	----------------------------------------------

Ident.: MI-26-25-00008502.9001002 / 13 MAY 20

Applicable to: LY-RAM

26-25-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or more may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 26 - FIRE PROTECTION 26-25 - Lavatory Fire Extinguishing
------------------------------------------------------	----------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 27 - FLIGHT CONTROLS 27-00 - MAINTENANCE Messages on the STATUS SD page</p>
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------

27-00-01	F/CTL MAINTENANCE Message
-----------------	----------------------------------

Ident.: MI-27-00-00008295.0001001 / 22 MAR 10
Applicable to: ALL

27-00-01A

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	No

F/CTL MAINTENANCE message may be displayed on the STATUS SD page.

27-00-02	SFCS MAINTENANCE Message
-----------------	---------------------------------

Ident.: MI-27-00-00008296.0001001 / 22 MAR 10
Applicable to: ALL

27-00-02A

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	No

SFCS MAINTENANCE message may be displayed on the STATUS SD page.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-00 - MAINTENANCE Messages on the STATUS SD page
------------------------------------------------------	-------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-01 - Overhead Panels 27-01-01 - FLT CTL Overhead Panel
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------

27-01-01-01	ELAC pb-sw FAULT light
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Ident.: MI-27-01-01-00008297.0001001 / 22 MAR 10

Applicable to: ALL

27-01-01-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

One may be inoperative.

27-01-01-02	ELAC pb-sw OFF light
--------------------	-----------------------------

Ident.: MI-27-01-01-00008298.0001001 / 22 MAR 10

Applicable to: ALL

27-01-01-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative.

27-01-01-03	SEC pb-sw FAULT light
--------------------	------------------------------

Ident.: MI-27-01-01-00008300.0001001 / 22 MAR 10

Applicable to: ALL

27-01-01-03A

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	Yes

One may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>27 - FLIGHT CONTROLS</div> <div>27-01 - Overhead Panels</div> <div>27-01-01 - FLT CTL Overhead Panel</div>
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------

27-01-01-04	SEC pb-sw OFF light
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Ident.: MI-27-01-01-00008301.0001001 / 22 MAR 10

Applicable to: ALL

27-01-01-04A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

One or more may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-07 - Indications on SD pages
-------------------------------------------------------------	------------------------------------------------------------------------------------

27-07-01	Aileron Actuator Indication on the <u>F/CTL</u> SD page
-----------------	----------------------------------------------------------------

Ident.: MI-27-07-00008397.0001001 / 22 MAR 10

Applicable to: ALL

27-07-01A

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	No

One or more may be inoperative.

27-07-02	Aileron Position Indication on the <u>F/CTL</u> SD page
-----------------	----------------------------------------------------------------

Ident.: MI-27-07-00008398.0001001 / 22 MAY 19

Applicable to: ALL

27-07-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) One or more may be inoperative provided that the deflection of the affected aileron through each servo-control is visually checked before each flight.

_____ Reference(s) _____

- (o) *Refer to OpsProc 27-07-02A Aileron Position Indication on the F/CTL SD page*

27-07-03	Elevator Actuator Indication on the <u>F/CTL</u> SD page
-----------------	-----------------------------------------------------------------

Ident.: MI-27-07-00008399.0001001 / 22 MAR 10

Applicable to: ALL

27-07-03A

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	No

One or more may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-07 - Indications on SD pages
-------------------------------------------------------------	------------------------------------------------------------------------------------

27-07-04	Elevator Position Indication on the <u>F/CTL</u> SD page
-----------------	-----------------------------------------------------------------

Ident.: MI-27-07-00008400.0001001 / 22 MAY 19

Applicable to: ALL

27-07-04A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) One or both may be inoperative provided that the deflection of the affected elevator is visually checked before each flight.

_____ Reference(s) _____

- (o) *Refer to OpsProc 27-07-04A Elevator Position Indication on the F/CTL SD page*

27-07-05	Pitch Trim Position Indication on the <u>F/CTL</u> SD page
-----------------	-------------------------------------------------------------------

Ident.: MI-27-07-00008401.0001001 / 22 MAY 19

Applicable to: ALL

27-07-05A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative provided that the pitch trim handwheel and the stabilizer are visually checked to synchronously operate before each flight.

_____ Reference(s) _____

- (o) *Refer to OpsProc 27-07-05A Pitch Trim Position Indication on the F/CTL SD page*

27-07-06	Rudder Position Indication on the <u>F/CTL</u> SD page
-----------------	---------------------------------------------------------------

Ident.: MI-27-07-00008402.0001001 / 22 MAY 19

Applicable to: ALL

27-07-06A

Repair interval	Nbr installed	Nbr required	Placard
B	1	0	No

- (o) May be inoperative provided that the deflection of the rudder is visually checked before each flight.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-07 - Indications on SD pages
-------------------------------------------------------------	------------------------------------------------------------------------------------

Continued from the previous page

Reference(s)

- (o) Refer to OpsProc 27-07-06A Rudder Position Indication on the F/CTL SD page

27-07-07	Rudder Trim Position Indication on the F/CTL SD page
-----------------	-------------------------------------------------------------

Ident.: MI-27-07-00008403.0001001 / 22 MAY 19

Applicable to: ALL

27-07-07A Rudder trim position indication operative on the center pedestal

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the rudder trim position indication is operative on the center pedestal .

27-07-07B Rudder position checked at zero

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the rudder position is checked at zero on the F/CTL SD page before takeoff.

27-07-08	Rudder Travel Limiter Position Indication on the F/CTL SD page
-----------------	-----------------------------------------------------------------------

Ident.: MI-27-07-00008405.0003001 / 22 MAR 10

Applicable to: LY-COD, LY-RAM

27-07-08A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-07 - Indications on SD pages
------------------------------------------------------	------------------------------------------------------------------------------------

27-07-09	ELAC Indication on the <u>F/CTL</u> SD page
-----------------	----------------------------------------------------

Ident.: MI-27-07-00008407.0001001 / 22 MAR 10

Applicable to: ALL

27-07-09A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative.

27-07-10	SEC Indication on the <u>F/CTL</u> SD page
-----------------	---------------------------------------------------

Ident.: MI-27-07-00008410.0001001 / 22 MAR 10

Applicable to: ALL

27-07-10A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	No

One or more may be inoperative.

27-07-11	Spoilers/Speedbrakes Indication on the <u>F/CTL</u> SD page
-----------------	--------------------------------------------------------------------

Ident.: MI-27-07-00008412.0001001 / 22 MAY 19

Applicable to: ALL

27-07-11A

Repair interval	Nbr installed	Nbr required	Placard
C	10	0	No

- (o) One or more may be inoperative provided that the deflection of the affected surface is visually checked before each flight.

_____ Reference(s) _____

- (o) *Refer to OpsProc 27-07-11A Spoilers/Speedbrakes Indication on the F/CTL SD page*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>27 - FLIGHT CONTROLS</div> <div>27-07 - Indications on SD pages</div>
------------------------------------------------------	-------------------------------------------------------------------------------------------------

27-07-12	Spoilers/Speedbrakes Indication on the <u>WHEEL</u> SD page
----------	-------------------------------------------------------------

Ident.: MI-27-07-00008414.0001001 / 22 MAY 19

Applicable to: ALL

27-07-12A

Repair interval	Nbr installed	Nbr required	Placard
C	10	0	No

- (o) One or more may be inoperative provided that the deflection of the affected surface is visually checked before each flight.

_____ Reference(s) _____

- (o) *Refer to OpsProc 27-07-12A Spoilers/Speedbrakes Indication on the WHEEL SD page*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-07 - Indications on SD pages
------------------------------------------------------	------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-08 - Indications on the EWD
------------------------------------------------------	-----------------------------------------------------------------------------------

27-08-01	Flap Position Indication on the EWD
-----------------	--------------------------------------------

Ident.: MI-27-08-00008417.0001001 / 22 MAR 10

Applicable to: ALL

27-08-01A

Repair interval	Nbr installed	Nbr required	Placard
-	1	1	No

Must be operative.

27-08-02	Slat Position Indication on the EWD
-----------------	--------------------------------------------

Ident.: MI-27-08-00008418.0001001 / 22 MAR 10

Applicable to: ALL

27-08-02A

Repair interval	Nbr installed	Nbr required	Placard
-	1	1	No

Must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-08 - Indications on the EWD
------------------------------------------------------	-----------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 27 - FLIGHT CONTROLS 27-14 - Aileron and Hydraulic Actuation</p>
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------

27-14-01	Left Aileron Blue Servo-Control (Controlled by ELAC 1)
-----------------	---------------------------------------------------------------

Ident.: MI-27-14-00008312.0002001 / 22 MAY 19

1 Applicable to: ALL

27-14-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(o)(m) May be inoperative provided that:

- 1) It is electrically disconnected, and
- 2) It remains mechanically connected and hydraulically supplied (damping function is not affected), and
- 3) The left aileron green servo-control (controlled by ELAC 2) is operative, and
- 4) The right aileron blue servo-control (controlled by ELAC 2) is operative, and
- 5) All roll spoilers are operative, and
- 6) The TR 1 and TR 2 are operative, and
- 7) The DC TIE contactor 1PC1 is checked closed.

_____ Reference(s) _____

(o) Refer to OpsProc 27-14-01A Left Aileron Blue Servo-Control (Controlled by ELAC 1)

(m) Refer to AMM Task 27-14-00-040-001

27-14-02	Left Aileron Green Servo-Control (Controlled by ELAC 2)
-----------------	----------------------------------------------------------------

Ident.: MI-27-14-00008314.0002001 / 22 MAY 19

2 Applicable to: ALL

27-14-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(m) May be inoperative provided that:

- 1) It is electrically disconnected, and
- 2) It remains mechanically connected and hydraulically supplied (damping function is not affected), and
- 3) All roll spoilers are operative.

_____ Reference(s) _____

(m) Refer to AMM Task 27-14-00-040-001

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-14 - Aileron and Hydraulic Actuation
-------------------------------------------------------------	--------------------------------------------------------------------------------------------

27-14-03	Right Aileron Green Servo-Control (Controlled by ELAC 1)
----------	-----------------------------------------------------------------

Ident.: MI-27-14-00008316.0002001 / 22 MAY 19

3 Applicable to: ALL

27-14-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(o)(m) May be inoperative provided that:

- 1) It is electrically disconnected, and
- 2) It remains mechanically connected and hydraulically supplied (damping function is not affected), and
- 3) The right aileron blue servo-control (controlled by ELAC 2) is operative, and
- 4) The left aileron green servo-control (controlled by ELAC 2) is operative, and
- 5) All roll spoilers are operative, and
- 6) The TR 1 and TR 2 are operative, and
- 7) The DC TIE contactor 1PC1 is checked closed.

Reference(s)

- (o) Refer to OpsProc 27-14-03A Right Aileron Green Servo-Control (Controlled by ELAC 1)
(m) Refer to AMM Task 27-14-00-040-001

27-14-04	Right Aileron Blue Servo-Control (Controlled by ELAC 2)
----------	----------------------------------------------------------------

Ident.: MI-27-14-00008318.0002001 / 22 MAY 19

4 Applicable to: ALL

27-14-04A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(o)(m) May be inoperative provided that:

- 1) It is electrically disconnected, and
- 2) It remains mechanically connected and hydraulically supplied (damping function is not affected), and
- 3) All roll spoilers are operative.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>27 - FLIGHT CONTROLS</div> <div>27-14 - Aileron and Hydraulic Actuation</div>
------------------------------------------------------	---------------------------------------------------------------------------------------------------------

Continued from the previous page

Reference(s)

- (o) Refer to OpsProc 27-14-04A Right Aileron Blue Servo-Control (Controlled by ELAC 2)
- (m) Refer to AMM Task 27-14-00-040-001

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-14 - Aileron and Hydraulic Actuation
------------------------------------------------------	--------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>27 - FLIGHT CONTROLS</div> <div>27-21 - Rudder Mechanical Control</div>
------------------------------------------------------	---------------------------------------------------------------------------------------------------

27-21-01	Rudder Pedal Adjustment System
----------	--------------------------------

Ident.: MI-27-21-00008322.0001001 / 22 MAY 19

Applicable to: ALL

27-21-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) One or both may be inoperative provided that:
- 1) The rudder pedals can be secured in a position which meets individual pilot requirements, and

2) The full and unrestricted movement of the rudder pedals and brake pedals deflection is possible at both pilot stations.

_____ Reference(s) _____

- (o) Refer to OpsProc 27-21-01A Rudder Pedal Adjustment System

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-21 - Rudder Mechanical Control
------------------------------------------------------	--------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-22 - Rudder Trim Actuation
-------------------------------------------------------------	----------------------------------------------------------------------------------

27-22-01	Rudder Trim System
-----------------	---------------------------

Ident.: MI-27-22-00008324.0001001 / 22 MAY 19
Applicable to: ALL

27-22-01A Rudder trim system 1 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(o) Rudder Trim System 1 may be inoperative provided that ETOPS is not conducted.

_____ Reference(s) _____

(o) *Refer to OpsProc 27-22-01A Rudder Trim System*

27-22-01B Rudder trim system 2 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(o) Rudder Trim System 2 may be inoperative.

_____ Reference(s) _____

(o) *Refer to OpsProc 27-22-01B Rudder Trim System*

27-22-02	Manual Rudder Trim Reset Function
-----------------	------------------------------------------

Ident.: MI-27-22-00008326.0001001 / 22 MAY 19
Applicable to: ALL

27-22-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that one rudder trim position indication is operative.

A318/A319/A320/A321
MINIMUM EQUIPMENT LIST

MEL ITEMS
27 - FLIGHT CONTROLS
27-22 - Rudder Trim Actuation

27-22-03

Rudder Trim Position Indication on the Center Pedestal

Ident.: MI-27-22-00008328.0001001 / 22 MAY 19
Applicable to: ALL

27-22-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that the rudder trim position is checked centered on the F/CTL SD page before takeoff.

_____ Reference(s) _____

- (o) *Refer to OpsProc 27-22-03A Rudder Trim Position Indication on the Center Pedestal*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div> MEL ITEMS 27 - FLIGHT CONTROLS </div> <div> 27-23 - Artificial feel and rudder travel limiting actuation </div>
------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

27-23-01	Rudder Travel Limiter System
----------	------------------------------

Ident.: MI-27-23-00008330.0001001 / 16 FEB 16

Applicable to: ALL

27-23-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

One may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-23 - Artificial feel and rudder travel limiting actuation
------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p align="center">MEL ITEMS</p> <p align="center">27 - FLIGHT CONTROLS</p> <p align="center">27-34 - Elevator and Hydraulic Actuation</p>
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------

27-34-01	Elevator Servo-Control
-----------------	-------------------------------

Ident.: MI-27-34-00008332.0001001 / 22 MAR 10

Applicable to: ALL

27-34-01A

Repair interval	Nbr installed	Nbr required	Placard
—	4	4	No

All must be operative.

27-34-02	Elevator Servo-Control Position Transducer
-----------------	---------------------------------------------------

Ident.: MI-27-34-00008334.0001001 / 13 MAY 20

Applicable to: ALL

27-34-02A

Repair interval	Nbr installed	Nbr required	Placard
C	8	4	No

(m) One transducer per servo-control must be operative.

_____ Reference(s) _____

(m) Refer to AMM 27-34-00-040-001

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-34 - Elevator and Hydraulic Actuation
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-40 - Trimmable Horizontal Stabilizer (THS)
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------

27-40-01	Stabilizer Mechanical Control
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Ident.: MI-27-40-00008336.0001001 / 22 MAR 10

Applicable to: ALL

27-40-01A

Repair interval	Nbr installed	Nbr required	Placard
–	1	1	No

Must be operative.

27-40-02	Stabilizer Actuator Electric Motor
-----------------	-------------------------------------------

Ident.: MI-27-40-00008338.0001001 / 22 MAY 19

Applicable to: ALL

27-40-02A Electric motor 3 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	No

The stabilizer actuator electric motor 3 may be inoperative.

27-40-02B Electric motor 2 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	No

The stabilizer actuator electric motor 2 may be inoperative provided that:

- 1) ETOPS is not conducted, and
- 2) ELAC 1 pitch channel is considered inoperative.

Refer to Item 27-93-01 ELAC 1

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-40 - Trimmable Horizontal Stabilizer (THS)
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p align="center">MEL ITEMS</p> <p align="center">27 - FLIGHT CONTROLS</p> <p align="center">27-51 - Flaps Electrical Control and Monitoring</p>
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------

27-51-01	SFCC Flap Channel
-----------------	--------------------------

Ident.: MI-27-51-00008340.0001001 / 13 MAY 20

Applicable to: ALL

27-51-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(o)(m) SFCC 2 flap channel may be inoperative provided that:

- 1) It is deactivated, and
- 2) The slats and flaps are checked operative on SFCC 1, and
- 3) The SFCC 1 flap WTB is checked operative before the first MEL dispatch and then every day, and
- 4) All ELACs, SECs, LGCIUs, RAs, FACs and ADIRS are operative, and
- 5) The minimum idle on ground is considered inoperative.

Refer to Item 73-20-05 Minimum Idle on Ground

_____ Reference(s) _____

(o) *Refer to OpsProc 27-51-01A SFCC Flap Channel*

(m) *Refer to AMM Task 27-51-00-040-001*

27-51-02	Flap Wing Tip Brakes Solenoid
-----------------	--------------------------------------

Ident.: MI-27-51-00009138.0001001 / 13 MAY 20

Applicable to: ALL

27-51-02A

Repair interval	Nbr installed	Nbr required	Placard
C	4	2	No

(o)(m) One or two solenoids associated with the SFCC 2 may be inoperative provided that the SFCC 1 flap WTB is checked operative before the first MEL dispatch and then every day.

_____ Reference(s) _____

(o) *Refer to OpsProc 27-51-02A Flap Wing Tip Brakes Solenoid*

(m) *Refer to AMM Task 27-51-00-040-004*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-51 - Flaps Electrical Control and Monitoring
------------------------------------------------------	----------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 27 - FLIGHT CONTROLS 27-54 - Flaps Hydraulic Actuation and Power Transmission</p>
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------

27-54-01	Flap Hydraulic Motor
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Ident.: MI-27-54-00008344.0001001 / 27 JUN 11

Applicable to: ALL

27-54-01A Green motor inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

Green motor may be inoperative.

27-54-01B Yellow motor inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

Yellow motor may be inoperative provided that the blue slat motor is operative.

27-54-02	Flap PCU Valve Block
-----------------	-----------------------------

Ident.: MI-27-54-00008345.0001001 / 15 SEP 10

Applicable to: ALL

27-54-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

The valve block associated with SFCC 2 may be inoperative provided that the SFCC 2 flap channel is considered inoperative.

Refer to Item 27-51-01 SFCC Flap Channel

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>27 - FLIGHT CONTROLS</div> <div>27-54 - Flaps Hydraulic Actuation and Power Transmission</div>
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27-54-03	Flap Pressure-Off Brake
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Ident.: MI-27-54-00008347.0001001 / 22 MAR 10

Applicable to: ALL

27-54-03A

Repair interval	Nbr installed	Nbr required	Placard
-	2	2	No

Both must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-64 - Spoiler Hydraulic Actuation
-------------------------------------------------------------	----------------------------------------------------------------------------------------

27-64-01	Spoiler 5
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Ident.: MI-27-64-00008349.0002001 / 22 MAY 19

1 Applicable to: ALL

27-64-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

(o)(m) The pair of spoilers 5 may be inoperative provided that:

- 1) The affected spoiler is deactivated in the retracted position, and
- 2) The pairs of spoilers 1, 2, 3, and 4 are operative.

_____ Reference(s) _____

(o) Refer to OpsProc 27-64-01A Spoiler 5

(m) Refer to AMM Task 27-64-00-040-001

27-64-02	Spoiler 1 or 3
-----------------	-----------------------

Ident.: MI-27-64-00008351.0001001 / 22 MAY 19

Applicable to: ALL

27-64-02A

Repair interval	Nbr installed	Nbr required	Placard
C	4	2	No

(o)(m) One pair of spoilers 1 or 3 may be inoperative provided that:

- 1) The affected spoiler is deactivated in the retracted position, and
- 2) The pairs of spoilers 2, 4, and 5 are operative, and
- 3) The Flight Manual performance penalties are applied.

_____ Reference(s) _____


(o) Refer to OpsProc 27-64-02A Spoiler 1 or 3

(m) Refer to AMM Task 27-64-00-040-001

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-64 - Spoiler Hydraulic Actuation
------------------------------------------------------	----------------------------------------------------------------------------------------

27-64-03	Spoiler 2 or 4
-----------------	-----------------------

Ident.: MI-27-64-00008354.0002001 / 22 MAY 19

 **Applicable to: ALL**

27-64-03A

Repair interval	Nbr installed	Nbr required	Placard
C	4	2	No

- (o)(m) One pair of spoilers 2 or 4 may be inoperative in the retracted position provided that:
- 1) The affected spoiler is deactivated in the retracted position, and
 - 2) The pairs of spoilers 1, 3, and 5 are operative, and
 - 3) The SFCC 2 flap channel is operative, and
 - 4) The Flight Manual performance penalties are applied.

_____ Reference(s) _____

(o) *Refer to OpsProc 27-64-03A Spoiler 2 or 4*

(m) *Refer to AMM Task 27-64-00-040-001*

27-64-04	Spoilers 1 and 2
-----------------	-------------------------

Ident.: MI-27-64-00008357.0001001 / 24 FEB 21

Applicable to: ALL

27-64-04A

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	No

- (o)(m) The pairs of spoilers 1 and 2 may be inoperative in the retracted position provided that:
- 1) The affected spoilers are deactivated in the retracted position, and
 - 2) The pairs of spoilers 3, 4, and 5 are operative, and
 - 3) The SFCC 2 flap channel is operative, and
 - 4) The Flight Manual performance penalties are applied.

_____ Reference(s) _____

(o) *Refer to OpsProc 27-64-04A Spoilers 1 and 2*

(m) *Refer to AMM Task 27-64-00-040-002*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>27 - FLIGHT CONTROLS</div> <div>27-64 - Spoiler Hydraulic Actuation</div>
------------------------------------------------------	-----------------------------------------------------------------------------------------------------

27-64-05	Spoilers 3 and 4
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Ident.: MI-27-64-00008359.0002001 / 22 MAY 19

3 Applicable to: ALL

27-64-05A

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	No

- (o)(m) The pairs of spoilers 3 and 4 may be inoperative in the retracted position provided that:
- 1) The affected spoilers are deactivated in the retracted position, and

2) The pairs of spoilers 1, 2, and 5 are operative, and

3) The TR 1 and TR 2 are operative, and

4) The DC TIE contactor 1PC1 is checked closed, and

5) The SFCC 2 flap channel is operative, and

6) The Flight Manual performance penalties are applied.

Reference(s)

- (o) Refer to OpsProc 27-64-05A Spoilers 3 and 4
- (m) Refer to AMM Task 27-64-00-040-001

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-64 - Spoiler Hydraulic Actuation
------------------------------------------------------	----------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p align="center">MEL ITEMS</p> <p align="center">27 - FLIGHT CONTROLS</p> <p align="center">27-81 - Slats Electrical Control and Monitoring</p>
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------

27-81-01	SFCC Slat Channel
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Ident.: MI-27-81-00008341.0001001 / 22 MAY 19
Applicable to: ALL

27-81-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o)(m) SFCC 2 slat channel may be inoperative provided that:
- 1) It is deactivated, and
 - 2) The slats and flaps are checked operative on SFCC 1, and
 - 3) The SFCC 1 slat WTB is checked operative before the first MMEL dispatch and then every day, and
 - 4) All ELACs, SECs, LGCIUs, RAs, FACs and ADIRS are operative, and
 - 5) Takeoff is not performed in CONF 1+F.

_____ Reference(s) _____

- (o) *Refer to OpsProc 27-81-01A SFCC Slat Channel*
(m) *Refer to AMM Task 27-51-00-040-005*

27-81-02	Slat Wing Tip Brakes Solenoid
-----------------	--------------------------------------

Ident.: MI-27-81-00008366.0001001 / 22 MAY 19
Applicable to: ALL

27-81-02A

Repair interval	Nbr installed	Nbr required	Placard
C	4	2	No

- (o)(m) One or two solenoids associated with the SFCC 2 may be inoperative provided that the SFCC 1 slat WTB is checked operative before the first MMEL dispatch and then every day.

_____ Reference(s) _____

- (o) *Refer to OpsProc 27-81-02A Slat Wing Tip Brakes Solenoid*
(m) *Refer to AMM Task 27-81-00-040-001*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-81 - Slats Electrical Control and Monitoring
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-84 - Slats Hydraulic Actuation and Power Transmission
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

27-84-01	Slats Hydraulic Motor
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Ident.: MI-27-84-00008368.0001001 / 22 MAR 10

Applicable to: ALL

27-84-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

One may be inoperative.

27-84-02	Slat PCU Valve Block
-----------------	-----------------------------

Ident.: MI-27-84-00008371.0001001 / 22 MAR 10

Applicable to: ALL

27-84-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

The valve block associated with SFCC 2 may be inoperative provided that the SFCC 2 slat channel is considered inoperative.

Refer to Item 27-81-01 SFCC Slat Channel

27-84-03	Slat Pressure-Off Brake
-----------------	--------------------------------

Ident.: MI-27-84-00008373.0001001 / 22 MAR 10

Applicable to: ALL

27-84-03A

Repair interval	Nbr installed	Nbr required	Placard
–	2	2	No

Both must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-84 - Slats Hydraulic Actuation and Power Transmission
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-92 - Electrical Flight Control System (EFCS) Control Inputs and Power Supply
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27-92-01	Speedbrake Control System
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Ident.: MI-27-92-00008375.0001001 / 22 MAY 19

Applicable to: ALL

27-92-01A Speedbrake control system inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) Speedbrake control system may be inoperative provided that the Flight Manual performance penalties associated with the ground spoiler control system inoperative are applied.

_____ Reference(s) _____

- (o) *Refer to OpsProc 27-92-01A Speedbrake Control System (speedbrake control system inoperative)*

27-92-01B Speedbrake 2 or speedbrakes 3 and 4 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	1	1	No

- (o) Speedbrake 2 or speedbrakes 3 and 4 may be inoperative provided that the Flight Manual performance penalties associated with one or two pairs of spoilers inoperative are applied.

_____ Reference(s) _____

- (o) *Refer to OpsProc 27-92-01B Speedbrake Control System (speedbrake 2 or speedbrakes 3 and 4 inoperative)*

27-92-02	Ground Spoiler Control System
-----------------	--------------------------------------

Ident.: MI-27-92-00008377.0001001 / 22 MAY 19

Applicable to: ALL

27-92-02A Ground spoiler control system inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that:
- 1) Both thrust reversers are not taken into account for performance computation, and
 - 2) The autobrake function is not used, and
 - 3) The Flight Manual performance penalties are applied.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 27 - FLIGHT CONTROLS 27-92 - Electrical Flight Control System (EFCS) Control Inputs and Power Supply</p>
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

_____ Reference(s) _____

- (o) *Refer to OpsProc 27-92-02A Ground Spoiler Control System (ground spoiler control system inoperative)*

27-92-02B Spoilers 5 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	1	1	No

- (o) The pair of spoilers 5 may be inoperative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 27-92-02B Ground Spoiler Control System (pair of spoilers 5 inoperative)*

27-92-02C Spoilers 1 and 2, or spoilers 3 and 4 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	1	1	No

- (o) The pairs of spoilers 1 and 2 or the pairs of spoilers 3 and 4 may be inoperative provided that the Flight Manual performance penalties are applied.

_____ Reference(s) _____

- (o) *Refer to OpsProc 27-92-02C Ground Spoiler Control System (pairs of spoilers 1 and 2 or pairs of spoilers 3 and 4 inoperative)*

27-92-03	SIDESTICK PRIORITY light
-----------------	---------------------------------

Ident.: MI-27-92-00008380.0001001 / 22 MAR 10

Applicable to: ALL

27-92-03A

Repair interval	Nbr installed	Nbr required	Placard
–	4	4	No

All must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>27 - FLIGHT CONTROLS</div> <div>27-92 - Electrical Flight Control System (EFCS) Control Inputs and Power Supply</div>
------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------

27-92-04	Sidestick Dual Input Visual Warnings
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Ident.: MI-27-92-00008382.0001001 / 22 MAR 10

1 Applicable to: ALL

27-92-04A

Repair interval	Nbr installed	Nbr required	Placard
D	2	0	No

One or both may be inoperative.

27-92-05	Sidestick Dual Input Aural Warning
----------	------------------------------------

Ident.: MI-27-92-00008384.0001001 / 22 MAR 10

Applicable to: ALL

27-92-05A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-92 - Electrical Flight Control System (EFCS) Control Inputs and Power Supply
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-93 - ELAC System (Elevator Aileron Computer)
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27-93-01	ELAC 1
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Ident.: MI-27-93-00008385.0008001 / 22 MAY 19

1 Applicable to: ALL

27-93-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(o)(m) ELAC 1 or any ELAC 1 function may be inoperative provided that:

- 1) ETOPS is not conducted, and
- 2) All SECs, SFCCs, LGCIUs, RAs, ADIRs and FACs are operative, and
- 3) The pairs of spoilers 2, 3, 4, and 5 are operative, and
- 4) The TR 1 and the TR 2 are operative, and
- 5) Both accelerometers associated with the ELAC 2 are checked operative before each flight, and
- 6) All sidesticks transducers associated with the ELAC 2 and the three SECs are checked operative before each flight, and
- 7) The DC TIE contactor 1PC1 is checked closed, before each flight, and
- 8) The elevators and roll spoilers control is checked operative through the SECs before each flight.

Note: F/O take-over pb cannot disengage AP 1.

_____ Reference(s) _____

(o) Refer to OpsProc 27-93-01A ELAC 1

(m) Refer to AMM Task 27-93-00-040-001

27-93-02	ELAC 2
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Ident.: MI-27-93-00008386.0001001 / 22 MAR 19

Applicable to: ALL

27-93-02A

Repair interval	Nbr installed	Nbr required	Placard
–	1	1	No

Must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-93 - ELAC System (Elevator Aileron Computer)
------------------------------------------------------	----------------------------------------------------------------------------------------------------

27-93-03	Pitch Normal Law
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Ident.: MI-27-93-00008388.0001001 / 22 MAR 10
Applicable to: ALL

27-93-03A

Repair interval	Nbr installed	Nbr required	Placard
-	1	1	No

Must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p align="center">MEL ITEMS</p> <p align="center">27 - FLIGHT CONTROLS</p> <p align="center">27-94 - SEC System (Spoiler and Elevator Computer)</p>
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------

27-94-01	SEC 1
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Ident.: MI-27-94-00008390.0002001 / 13 MAY 20

1 Applicable to: ALL

27-94-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(o)(m) May be inoperative provided that:

- 1) ETOPS is not conducted, and
- 2) It is deactivated, and
- 3) The SEC 2 and the SEC 3 are operative, and
- 4) All ELACs, SFCCs, LGCIUs, RAs, FACs and ADIRS are operative, and
- 5) The SFCC 2 flap channel is operative, and
- 6) All aileron servo-controls are operative, and
- 7) The TR 1 and TR 2 are operative, and
- 8) The sidestick transducers associated with the ELACs and the operative SECs are checked operative before each flight, and
- 9) The DC TIE contactor 1PC1 is checked closed, before each flight, and
- 10) The elevators control through the SEC 2 and the ELACs and the roll spoilers control through the operative SECs are checked operative before each flight, and
- 11) The Flight Manual performance penalties for the pairs of spoilers 3 and 4 inoperative are applied.

_____ Reference(s) _____


(o) *Refer to OpsProc 27-94-01A SEC 1*

(m) *Refer to AMM Task 27-94-00-040-002*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>27 - FLIGHT CONTROLS</div> <div>27-94 - SEC System (Spoiler and Elevator Computer)</div>
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------

27-94-02	SEC 2
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Ident.: MI-27-94-00008392.0002001 / 13 MAY 20

 2 Applicable to: ALL

27-94-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) (m) May be inoperative provided that:
- 1) It is deactivated, and

2) The SEC 1 and the SEC 3 are operative, and

3) All ELACs, SFCCs, LGCIUs, RAs, FACs and ADIRS are operative, and

4) All aileron servo-controls are operative, and

5) The sidestick transducers associated with the ELACs and the operative SECs are checked operative before each flight, and

6) The elevators control through the SEC 1 and the ELACs and the roll spoilers control through the operative SECs are checked operative before each flight.

Reference(s)

- (o) Refer to OpsProc 27-94-02A SEC 2
- (m) Refer to AMM Task 27-94-00-040-002

27-94-03	SEC 3
----------	-------

Ident.: MI-27-94-00008394.0001001 / 13 MAY 20

Applicable to: ALL

27-94-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that:
- 1) It is deactivated, and

2) The SEC 1 and SEC 2 are operative, and

3) The SFCC 2 flap channel is operative, and

4) All aileron servo-controls are operative, and

5) All roll spoilers associated with the operative SECs are operative, and

6) The Flight Manual performance penalties for the pairs of spoilers 1 and 2 inoperative are applied.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>27 - FLIGHT CONTROLS</div> <div>27-94 - SEC System (Spoiler and Elevator Computer)</div>
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------

Continued from the previous page

_____ Reference(s) _____

(o) Refer to OpsProc 27-94-03A SEC 3

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-94 - SEC System (Spoiler and Elevator Computer)
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-95 - FCDC System (Flight Control Data Concentrator)
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27-95-01	FCDC 1
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Ident.: MI-27-95-00008395.0001001 / 22 MAR 10

Applicable to: ALL

27-95-01A

Repair interval	Nbr installed	Nbr required	Placard
—	1	1	No

Must be operative.

27-95-02	FCDC 2
-----------------	---------------

Ident.: MI-27-95-00008396.0001001 / 22 MAY 19

Applicable to: ALL

27-95-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(o) May be inoperative.

_____ Reference(s) _____

(o) *Refer to OpsProc 27-95-02A FCDC 2*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 27 - FLIGHT CONTROLS 27-95 - FCDC System (Flight Control Data Concentrator)
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-00 - MAINTENANCE Message on the STATUS SD page
------------------------------------------------------	-------------------------------------------------------------------------------------------

28-00-01	FUEL MAINTENANCE Message
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Ident.: MI-28-00-00008177.0001001 / 22 MAR 10
Applicable to: ALL

28-00-01A

Repair interval	Nbr installed	Nbr required	Placard
C	-	-	No

FUEL MAINTENANCE message may be displayed on the STATUS SD page.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-00 - MAINTENANCE Message on the STATUS SD page
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-01 - Overhead Panels 28-01-01 - FUEL Overhead Panel
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28-01-01-01	Wing TK PUMP pb-sw FAULT light
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Ident.: MI-28-01-01-00008178.0001001 / 22 MAY 19

Applicable to: ALL

28-01-01-01A

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	Yes

One or more may be inoperative provided that the corresponding pump is set to OFF when the associated tank is empty.

28-01-01-02	Wing TK PUMP pb-sw OFF light
--------------------	-------------------------------------

Ident.: MI-28-01-01-00008179.0001001 / 22 MAY 19

Applicable to: ALL

28-01-01-02A

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	Yes

One or more may be inoperative provided that the corresponding pump indication is operative on the FUEL SD page.

28-01-01-03	X FEED pb-sw ON light
--------------------	------------------------------

Ident.: MI-28-01-01-00008180.0001001 / 22 MAY 19

Applicable to: ALL

28-01-01-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative provided that the X FEED indication is operative on the FUEL SD page.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-01 - Overhead Panels 28-01-01 - FUEL Overhead Panel
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28-01-01-04	X FEED pb-sw OPEN light
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Ident.: MI-28-01-01-00008181.0001001 / 22 MAY 19

Applicable to: ALL

28-01-01-04A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative provided that the X FEED indication is operative on the FUEL SD page.

28-01-01-05	CTR TK PUMP pb-sw FAULT light
--------------------	--------------------------------------

Ident.: MI-28-01-01-00008182.0002001 / 22 MAY 19

Applicable to: ALL

28-01-01-05A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative provided that the corresponding pump is set to OFF when there is no fuel in the center tank.

28-01-01-06	CTR TK PUMP pb-sw OFF light
--------------------	------------------------------------

Ident.: MI-28-01-01-00008183.0002001 / 22 MAY 19

Applicable to: ALL

28-01-01-06A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative provided that the corresponding pump indication is operative on the FUEL SD page.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>28 - FUEL</div> <div>28-01 - Overhead Panels</div> <div>28-01-01 - FUEL Overhead Panel</div>
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28-01-01-07	FUEL MODE SEL pb-sw FAULT light
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Ident.: MI-28-01-01-00008184.0003001 / 22 MAY 19

Applicable to: ALL

28-01-01-07A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that all tank pumps indications are operative on the FUEL SD page.

Reference(s)

- (o) Refer to OpsProc 28-01-01-07A FUEL MODE SEL pb-sw FAULT light

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-01 - Overhead Panels 28-01-01 - FUEL Overhead Panel
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 28 - FUEL 28-07 - Indications on the FUEL SD page 28-07-01 - Fuel Quantity Indications on the FUEL SD page</p>
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

28-07-01-01	Fuel On Board (FOB) Indication on the <u>FUEL</u> SD page
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Ident.: MI-28-07-01-00008270.0001001 / 22 MAY 19

Applicable to: ALL

28-07-01-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 28-07-01-01A Fuel On Board (FOB) Indication on the FUEL SD page*

28-07-01-02	Fuel Quantity Indication (FQI) in Degraded Mode on the <u>FUEL</u> SD page
--------------------	-----------------------------------------------------------------------------------

Ident.: MI-28-07-01-00008271.0001001 / 22 MAY 19

Applicable to: ALL

28-07-01-02A

Repair interval	Nbr installed	Nbr required	Placard
D	–	0	No

- (o) One or more FQI may be in the degraded mode (with dashes on the two last digits) provided that the loss of accuracy is taken into account for the fuel planning for each affected tank.

Note: *The Fuel On Board indication is also in the degraded mode.*

_____ Reference(s) _____

- (o) *Refer to OpsProc 28-07-01-02A Fuel Quantity Indication (FQI) in Degraded Mode on the FUEL SD page*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-07 - Indications on the FUEL SD page 28-07-01 - Fuel Quantity Indications on the FUEL SD page
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28-07-01-03	Outer Tank Fuel Quantity Indication on the <u>FUEL</u> SD page
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Ident.: MI-28-07-01-00008272.0001001 / 22 MAY 19

Applicable to: ALL

28-07-01-03A Check of fuel quantity in the associated tank after refueling

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(o) (m) One may be inoperative provided that:

- 1) The fuel quantity in the associated tank is checked after each refueling by the manual magnetic indicators or by the corresponding fuel quantity indicator on refuel/defuel control panel, and
- 2) The associated fuel used indication is operative, and
- 3) The associated inner tank indication is operative.

_____ Reference(s) _____

(o) Refer to OpsProc 28-07-01-03A Outer Tank Fuel Quantity Indication on the FUEL SD page

(m) Refer to AMM Task 28-40-00-040-003

28-07-01-03B High level fuel detection system checked operative before refueling and associated inner tank indication operative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(m) One may be inoperative provided that:

- 1) The high level fuel detection system is checked operative before refueling, and
- 2) The tanks in both wings are full, and
- 3) The associated fuel used indication is operative, and
- 4) The associated inner tank indication is operative.

_____ Reference(s) _____

(m) Refer to AMM Task 28-40-00-040-802

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL ITEMS 28 - FUEL 28-07 - Indications on the FUEL SD page 28-07-01 - Fuel Quantity Indications on the FUEL SD page </div>
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Continued from the previous page

28-07-01-03C Check of fuel quantity in the associated wing after refueling/defueling

Repair interval	Nbr installed	Nbr required	Placard
B	2	1	No

(o) (m) One may be inoperative provided that:

- 1) The fuel quantity in the associated wing (inner and outer tanks) is checked after each refueling/defueling by the manual magnetic indicators or by the corresponding fuel quantity indicator on the refuel/defuel control panel, and
- 2) The associated fuel used indication is operative.

_____ Reference(s) _____

(o) *Refer to OpsProc 28-07-01-03C Outer Tank Fuel Quantity Indication on the FUEL SD page*

(m) *Refer to AMM Task 28-40-00-040-003*

28-07-01-03D High level fuel detection system checked operative before refueling

Repair interval	Nbr installed	Nbr required	Placard
B	2	1	No

(m) One may be inoperative provided that:

- 1) The high level fuel detection system is checked operative before refueling, and
- 2) The tanks in both wings are full, and
- 3) The associated fuel used indication is operative.

_____ Reference(s) _____

(m) *Refer to AMM Task 28-40-00-040-802*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 28 - FUEL 28-07 - Indications on the FUEL SD page 28-07-01 - Fuel Quantity Indications on the FUEL SD page</p>
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

28-07-01-04	Inner Tank Fuel Quantity Indication on the <u>FUEL</u> SD page
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Ident.: MI-28-07-01-00008273.0001001 / 19 NOV 19

Applicable to: ALL

28-07-01-04A Check of fuel quantity in the associated tank after refueling

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(o) (m) One may be inoperative provided that:

- 1) The fuel quantity in the associated tank is checked after each refueling by the manual magnetic indicators or by the corresponding fuel quantity indicator on the refuel/defuel control panel, and
- 2) The associated fuel used indication is operative.

_____ Reference(s) _____

(o) *Refer to OpsProc 28-07-01-04A Inner/Wing Tank Fuel Quantity Indication on the FUEL SD page*

(m) *Refer to AMM Task 28-40-00-040-005*

28-07-01-04B High level fuel detection system checked operative before refueling

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(m) One may be inoperative provided that:

- 1) The high level fuel detection system is checked operative before refueling, and
- 2) The tanks in both wings are full, and
- 3) The associated fuel used indication is operative.

_____ Reference(s) _____

(m) *Refer to AMM Task*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 28 - FUEL 28-07 - Indications on the FUEL SD page 28-07-01 - Fuel Quantity Indications on the FUEL SD page</p>
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28-07-01-05	Center Tank Fuel Quantity Indication on the <u>FUEL</u> SD page
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Ident.: MI-28-07-01-00008274.0002001 / 22 MAY 19

Applicable to: ALL

28-07-01-05A Check of fuel quantity after refueling

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(o)(m) May be inoperative provided that:

- 1) The fuel quantity in the center tank is checked after each refueling by the manual magnetic indicators or by the corresponding fuel quantity indicator on the refuel/defuel control panel, and
- 2) All wing tanks fuel quantity indications are operative, and
- 3) Both fuel used indications are operative.

_____ Reference(s) _____

(o) Refer to OpsProc 28-07-01-05A Center Tank Fuel Quantity Indication on the FUEL SD page

(m) Refer to AMM Task 28-40-00-040-006

28-07-01-05B Fuel in the center tank not usable

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative provided that there is no fuel in the center tank or the fuel in this tank is considered as not usable and as part of the ZFW and is taken into account for CG determination.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-07 - Indications on the FUEL SD page 28-07-01 - Fuel Quantity Indications on the FUEL SD page
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>28 - FUEL</div> <div>28-07 - Indications on the FUEL SD page</div> <div>28-07-02 - Fuel Temperature Indications on the FUEL SD page</div>
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28-07-02-01	Fuel Temperature Indication on the <u>FUEL</u> SD page
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Ident.: MI-28-07-02-00008276.0001001 / 22 MAR 10

Applicable to: ALL

28-07-02-01A

Repair interval	Nbr installed	Nbr required	Placard
C	4	2	No

One in each wing or both in one wing may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-07 - Indications on the FUEL SD page 28-07-02 - Fuel Temperature Indications on the FUEL SD page
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-07 - Indications on the FUEL SD page 28-07-03 - Tank Pump Indications on the FUEL SD page
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28-07-03-01	Wing Tank Pump Indication on the <u>FUEL</u> SD page
--------------------	-------------------------------------------------------------

Ident.: MI-28-07-03-00008277.0001001 / 22 MAR 10

Applicable to: ALL

28-07-03-01A

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	No

One or more may be inoperative.

28-07-03-02	Center Tank Pump Indication on the <u>FUEL</u> SD page
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Ident.: MI-28-07-03-00008278.0003001 / 22 MAR 10

Applicable to: ALL

28-07-03-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-07 - Indications on the FUEL SD page 28-07-03 - Tank Pump Indications on the FUEL SD page
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-07 - Indications on the FUEL SD page 28-07-04 - Valve Indications on the FUEL SD page
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28-07-04-01	Engine LP Fuel Valve Indication on the <u>FUEL</u> SD page
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Ident.: MI-28-07-04-00008279.0001001 / 15 JAN 13

Applicable to: ALL

28-07-04-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

(m) One or both may be inoperative provided that the associated LP valve is checked operative before each flight.

_____ Reference(s) _____

(m) *Refer to AMM Task 28-40-00-040-009*

28-07-04-02	APU LP Fuel Valve Indication on the <u>FUEL</u> SD page
--------------------	----------------------------------------------------------------

Ident.: MI-28-07-04-00008280.0001001 / 10 MAY 16

Applicable to: ALL

28-07-04-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(m) May be inoperative provided that:

- 1) The APU LP valve is secured in the closed position and,
- 2) The APU is considered inoperative.

Refer to Item 49-10-01 Power Plant (APU)

_____ Reference(s) _____

(m) *Refer to AMM Task 28-40-00-040-001*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 28 - FUEL 28-07 - Indications on the FUEL SD page 28-07-04 - Valve Indications on the FUEL SD page</p>
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28-07-04-03	Crossfeed Valve Indication on the <u>FUEL</u> SD page
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Ident.: MI-28-07-04-00008281.0001001 / 22 MAY 19

Applicable to: ALL

28-07-04-03A Non ETOPS flight

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(m) May be inoperative provided that:

- 1) ETOPS is not conducted, and
- 2) Operation of the crossfeed valve is checked before the first flight of each day.

_____ Reference(s) _____

(m) *Refer to AMM Task 28-40-00-040-002*

28-07-04-03B ETOPS flight

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(m) For ETOPS, may be inoperative provided that the operation of crossfeed valve is checked before each flight.

_____ Reference(s) _____

(m) *Refer to AMM Task 28-40-00-040-002*

28-07-04-04	Wing Transfer Valve Indication on the <u>FUEL</u> SD page
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Ident.: MI-28-07-04-00008282.0001001 / 22 MAY 19

Applicable to: ALL

28-07-04-04A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

(o)(m) One or both may be inoperative provided that:

- 1) The fuel quantity indications of the associated inner and outer tanks are operative, and
- 2) The transfer valve operation is checked before each flight and when used in flight.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div> MEL ITEMS 28 - FUEL </div> <div> 28-07 - Indications on the FUEL SD page 28-07-04 - Valve Indications on the FUEL SD page </div>
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Continued from the previous page

Reference(s)

- (o) Refer to OpsProc 28-07-04-04A Wing Transfer Valve Indication on the FUEL SD page
- (m) Refer to AMM Task 28-40-00-040-004

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-07 - Indications on the FUEL SD page 28-07-04 - Valve Indications on the FUEL SD page
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div> MEL ITEMS 28 - FUEL </div> <div> 28-07 - Indications on the FUEL SD page 28-07-05 - Fuel Flow Indication on the FUEL SD page </div>
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28-07-05-01	Fuel Flow 1+2 Indication on the <u>FUEL</u> SD page
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Ident.: MI-28-07-05-00015815.0001001 / 12 AUG 14

Applicable to: LY-COD, LY-RAM

28-07-05-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-07 - Indications on the FUEL SD page 28-07-05 - Fuel Flow Indication on the FUEL SD page
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p align="center">MEL ITEMS</p> <p align="center">28 - FUEL</p> <p align="center">28-07 - Indications on the FUEL SD page</p> <p align="center">28-07-06 - Fuel Used Indication on the FUEL SD page</p>
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28-07-06-01	Fuel Used Indication on the <u>FUEL</u> SD page
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Ident.: MI-28-07-06-00015816.0001001 / 12 AUG 14

Applicable to: ALL

28-07-06-01A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 73-07-01 Fuel Used Indication on the ENGINE SD page

28-07-06-02	Fuel Used 1+2 Indication on the <u>FUEL</u> SD page
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Ident.: MI-28-07-06-00015817.0001001 / 12 AUG 14

Applicable to: LY-COD, LY-RAM

28-07-06-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-07 - Indications on the FUEL SD page 28-07-06 - Fuel Used Indication on the FUEL SD page
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-09 - ECAM Alerts
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28-09-01	FUEL L(R) INNER(OUTER) TK HI TEMP Alert
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Ident.: MI-28-09-00008287.0001001 / 22 MAY 19

Applicable to: ALL

28-09-01A One or two inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	4	2	No

- (o) One in each wing or both in one wing may be displayed provided that:
- 1) The fuel temperature indications of the non affected tanks are operative on the FUEL SD page, and
 - 2) The fuel temperature is monitored before takeoff and during the flight.

Note: For fuel temperature limitations, Refer to AFM/LIM-28 Fuel Temperature Limits.

_____ Reference(s) _____

- (o) Refer to OpsProc 28-09-01A FUEL L(R) INNER(OUTER)/WING TK HI TEMP Alert

28-09-01B One or more inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	No

- (o) One or more may be displayed provided that:
- 1) The fuel temperature indications are operative on the FUEL SD page, and
 - 2) The fuel temperature is monitored before takeoff and during the flight.

Note: For fuel temperature limitations, Refer to AFM/LIM-28 Fuel Temperature Limits.

_____ Reference(s) _____

- (o) Refer to OpsProc 28-09-01B FUEL L(R) INNER(OUTER)/WING TK HI TEMP Alert

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>28 - FUEL</div> <div>28-09 - ECAM Alerts</div>
------------------------------------------------------	--------------------------------------------------------------------------

28-09-02	FUEL L(R) INNER(OUTER) TK LO TEMP Alert
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Ident.: MI-28-09-00008288.0001001 / 22 MAY 19

Applicable to: ALL

28-09-02A One or two inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	4	2	No

- (o) One in each wing or both in one wing may be displayed provided that:
- 1) The fuel temperature indications of the non affected tanks are operative on the FUEL SD page, and

2) The fuel temperature is monitored before takeoff and during the flight.

Note: For fuel temperature limitations, Refer to AFM/LIM-28 Fuel Temperature Limits.

Reference(s)

- (o) Refer to OpsProc 28-09-02A FUEL L(R) INNER(OUTER)/WING TK LO TEMP Alert

28-09-02B One or more inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	No

- (o) One or more may be displayed provided that:
- 1) The fuel temperature indications are operative on the FUEL SD page, and

2) The fuel temperature is monitored before takeoff and during the flight.

Note: For fuel temperature limitations, Refer to AFM/LIM-28 Fuel Temperature Limits.

Reference(s)

- (o) Refer to OpsProc 28-09-02B FUEL L(R) INNER(OUTER)/WING TK LO TEMP Alert

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-12 - Tank Venting System
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28-12-01	Overpressure Protector between the Inner and the Outer Tank
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Ident.: MI-28-12-00008195.0001001 / 22 MAY 19

Applicable to: ALL

28-12-01A Inner tank temperature monitored

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) One or both may be broken or missing provided that the fuel temperature of the inner tank is monitored.

_____ Reference(s) _____

- (o) *Refer to OpsProc 28-12-01A Overpressure Protector Between the Inner and the Outer Tank (Inner tank fuel temperature monitored)*

28-12-01B Transfer valves secured open

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o)(m) One or both may be broken or missing provided that the associated transfer valves are secured in the open position after each refueling, or after each aircraft repowering.

_____ Reference(s) _____

- (o) *Refer to OpsProc 28-12-01B Overpressure Protector Between the Inner and the Outer Tank (Transfer valves opened)*

- (m) *Refer to AMM Task 28-12-00-040-003*

28-12-02	Overpressure Protector in the Vent Surge Tank
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Ident.: MI-28-12-00008196.0001001 / 22 MAY 19

Applicable to: ALL

28-12-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) One or both may be broken or missing.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>28 - FUEL</div> <div>28-12 - Tank Venting System</div>
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Continued from the previous page

Reference(s)

- (o) Refer to OpsProc 28-12-02A Overpressure Protector in the Vent Surge Tank

28-12-03	Overpressure Protector in the Inner Tank
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Ident.: MI-28-12-00008197.0001001 / 27 JUN 11

Applicable to: ALL

28-12-03A

Repair interval	Nbr installed	Nbr required	Placard
-	2	2	No

Both must be operative.

28-12-04	Overpressure Protector between the Center and the Inner Tank
----------	--------------------------------------------------------------

Ident.: MI-28-12-00008198.0002001 / 27 JUN 11

Applicable to: ALL

28-12-04A

Repair interval	Nbr installed	Nbr required	Placard
-	1	1	No

Must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-15 - Intercell Transfer System
-------------------------------------------------------------	---------------------------------------------------------------------------

28-15-01	LH Wing Transfer Valve
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Ident.: MI-28-15-00008201.0001001 / 22 MAY 19

Applicable to: ALL

28-15-01A One or both inoperative open

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) One or both may be inoperative in the open position.

_____ Reference(s) _____

- (o) *Refer to OpsProc 28-15-01A LH Wing Transfer Valve (At least one transfer valve open)*

28-15-01B One or both inoperative with not usable fuel

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) One or both may be inoperative in the closed position provided that the fuel in the LH outer tank is considered as not usable and as part of the ZFW.

_____ Reference(s) _____

- (o) *Refer to OpsProc 28-15-01B LH Wing Transfer Valve (At least one transfer valve failed closed)*

28-15-01C One inoperative closed

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o)(m) One may be inoperative in the closed position provided that the remaining LH wing transfer valve is secured in the open position after each refueling, or after each aircraft repowering.

_____ Reference(s) _____

- (o) *Refer to OpsProc 28-15-01C LH Wing Transfer Valve (At least one transfer valve open)*

- (m) *Refer to AMM Task 28-15-00-040-001*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>28 - FUEL</div> <div>28-15 - Intercell Transfer System</div>
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28-15-02	RH Wing Transfer Valve
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Ident.: MI-28-15-00008202.0001001 / 22 MAY 19

Applicable to: ALL

28-15-02A One or both inoperative open

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) One or both may be inoperative in the open position.

Reference(s)

- (o) Refer to OpsProc 28-15-02A RH Wing Transfer Valve (At least one transfer valve open)

28-15-02B One or both inoperative with not usable fuel

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) One or both may be inoperative in the closed position provided that the fuel in the RH outer tank is considered as not usable and as part of the ZFW.

Reference(s)

- (o) Refer to OpsProc 28-15-02B RH Wing Transfer Valve (At least one transfer valve failed closed)

28-15-02C One inoperative closed

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o)(m) One may be inoperative in the closed position provided that the remaining RH wing transfer valve is secured in the open position after each refueling, or after each aircraft repowering.

Reference(s)

- (o) Refer to OpsProc 28-15-02C RH Wing Transfer Valve (At least one transfer valve open)
(m) Refer to AMM Task 28-15-00-040-002

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-20 - Distribution
------------------------------------------------------	--------------------------------------------------------------

28-20-01	Automatic Fuel Feed System
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Ident.: MI-28-20-00008203.0006001 / 22 MAY 19

Applicable to: ALL

28-20-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(o) May be inoperative.

Reference(s)

(o) Refer to OpsProc 28-20-01A Automatic Fuel Feed System

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-20 - Distribution
------------------------------------------------------	--------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-21 - Main Fuel Pump System
------------------------------------------------------	-----------------------------------------------------------------------

28-21-01	Wing Tank Pump
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Ident.: MI-28-21-00008204.0001001 / 22 MAY 19

Applicable to: LY-COD, LY-RAM

28-21-01A JP4/JET B not used

Repair interval	Nbr installed	Nbr required	Placard
C	4	3	Yes

- (o) One pump may be inoperative provided that JP4/JET B is not used.

Reference(s)

- (o) Refer to OpsProc 28-21-01A Wing Tank Pump

28-21-01B Use of JP4/JET B

Repair interval	Nbr installed	Nbr required	Placard
C	4	3	Yes

- (o)(m) Pump 2 LH or pump 2 RH may be inoperative when JP4/JET B is used provided that:

- 1) The fuel return valve is checked operative before each flight, and
- 2) The fuel temperature is less than 30 °C.

Reference(s)

- (o) Refer to OpsProc 28-21-01B Wing Tank Pump

- (m) Refer to AMM 28-21-00-040-001

28-21-01	Wing Tank Pump
-----------------	-----------------------

Ident.: MI-28-21-00008204.0002001 / 22 MAY 19

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

28-21-01A JP4/JET B not used

Repair interval	Nbr installed	Nbr required	Placard
C	4	3	Yes

- (o) One pump may be inoperative provided that JP4/JET B is not used.

Reference(s)

- (o) Refer to OpsProc 28-21-01A Wing Tank Pump

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 28 - FUEL 28-21 - Main Fuel Pump System</p>
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------

Continued from the previous page

28-21-01B Use of JP4/JET B

Repair interval	Nbr installed	Nbr required	Placard
C	4	3	Yes

- (o) Pump 2 LH or pump 2 RH may be inoperative when JP4/JET B is used provided that the fuel temperature is less than 30 °C.

_____ Reference(s) _____

- (o) *Refer to OpsProc 28-21-01B Wing Tank Pump*

28-21-02	Center Tank Pump
-----------------	-------------------------

Ident.: MI-28-21-00008205.0006001 / 22 MAY 19
Applicable to: ALL

28-21-02A One inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

- (o) One may be inoperative provided that the flight routes permit a landing at a suitable airport if the remaining center tank pump fails with fuel in the center tank.

_____ Reference(s) _____

- (o) *Refer to OpsProc 28-21-02A Center Tank Pump (One inoperative)*

28-21-02D Both inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

- (o) Both may be inoperative provided that:
 - 1) There is no fuel in the center tank or the fuel in the center tank is considered as not usable and as part of the ZFW and is taken into account for CG determination, and
 - 2) The center tank pumps are set to OFF.

_____ Reference(s) _____

- (o) *Refer to OpsProc 28-21-02D Center Tank Pump (Both inoperative)*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-21 - Main Fuel Pump System
------------------------------------------------------	-----------------------------------------------------------------------

28-21-03	Wing Tank Pump Sequence Valve
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Ident.: MI-28-21-00008206.0003001 / 22 MAY 19

Applicable to: ALL

28-21-03A

Repair interval	Nbr installed	Nbr required	Placard
C	4	3	No

One may be inoperative provided that the associated pump is set to OFF when the center tank is feeding.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-21 - Main Fuel Pump System
------------------------------------------------------	-----------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-22 - APU Fuel Pump System
------------------------------------------------------	----------------------------------------------------------------------

28-22-01	APU Fuel Pump
-----------------	----------------------

Ident.: MI-28-22-00008207.0002001 / 22 MAY 19

Applicable to: ALL

28-22-01A Non ETOPS flight

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that ETOPS is not conducted.

_____ Reference(s) _____

- (o) *Refer to OpsProc 28-22-01A APU Fuel Pump*

28-22-01B ETOPS 120 min flight

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	Yes

- (o) May be inoperative for four flights provided that ETOPS beyond 120 min is not conducted.

_____ Reference(s) _____

- (o) *Refer to OpsProc 28-22-01B APU Fuel Pump*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-22 - APU Fuel Pump System
------------------------------------------------------	----------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-23 - Crossfeed System
------------------------------------------------------	------------------------------------------------------------------

28-23-01	Crossfeed Valve
----------	-----------------

Ident.: MI-28-23-00008208.0001001 / 22 MAR 10

Applicable to: ALL

28-23-01A

Repair interval	Nbr installed	Nbr required	Placard
-	1	1	No

Must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-23 - Crossfeed System
------------------------------------------------------	------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>28 - FUEL</div> <div>28-24 - Engine LP Fuel Shutoff</div>
------------------------------------------------------	-------------------------------------------------------------------------------------

28-24-01	Engine LP Fuel Valve Electrical Motor
----------	---------------------------------------

Ident.: MI-28-24-00008209.0002001 / 22 MAY 19

Applicable to: ALL

28-24-01A

Repair interval	Nbr installed	Nbr required	Placard
C	4	3	No

(m) One may be inoperative on one engine provided that:

- 1) The affected motor is deactivated, and
- 2) The remaining motor is checked operative.

Reference(s)

(m) Refer to AMM Task 28-24-00-040-002

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-24 - Engine LP Fuel Shutoff
------------------------------------------------------	------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-25 - Refuel/Defuel System
-------------------------------------------------------------	----------------------------------------------------------------------

28-25-01	Fuel Quantity Preselector
-----------------	----------------------------------

Ident.: MI-28-25-00008210.0001001 / 13 MAY 20

Applicable to: ALL

28-25-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

One or more may be inoperative.

28-25-02	Fuel Quantity on the Refuel/Defuel Control Panel
-----------------	---------------------------------------------------------

Ident.: MI-28-25-00008211.0001001 / 13 MAY 20

Applicable to: ALL

28-25-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

One or more indications may be inoperative provided that the fuel quantity is continuously monitored on the FUEL SD page during refueling and defueling.

28-25-03	Refuel Valve
-----------------	---------------------

Ident.: MI-28-25-00008212.0002001 / 22 MAY 19

Applicable to: ALL

28-25-03A Manual refueling

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

(m) One or more may be inoperative provided that the aircraft is manually refueled.

_____ Reference(s) _____

(m) Refer to AMM Task 28-25-00-040-005

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>28 - FUEL</div> <div>28-25 - Refuel/Defuel System</div>
-------------------------------------------------------------	-----------------------------------------------------------------------------------

Continued from the previous page

28-25-03B Gravity refueling

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

One or more may be inoperative provided that overwing gravity refueling is performed.

28-25-04	Transfer Defuel Valve
----------	-----------------------

Ident.: MI-28-25-00008213.0001001 / 22 MAR 10
Applicable to: ALL

28-25-04A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(m) May be inoperative provided that the valve is secured in the closed position.

Reference(s)

(m) Refer to AMM 28-25-00-040-004

28-25-05	Exterior Refuel/Defuel Control Panel
----------	--------------------------------------

Ident.: MI-28-25-00008214.0001001 / 22 MAY 19
Applicable to: ALL

28-25-05A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(m) May be inoperative provided that the aircraft is manually refueled.

Reference(s)

(m) Refer to AMM Task 28-25-00-040-008

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>28 - FUEL</div> <div>28-29 - APU LP Fuel Shutoff</div>
------------------------------------------------------	----------------------------------------------------------------------------------

28-29-01	APU LP Fuel Valve
----------	-------------------

Ident.: MI-28-29-00008232.0001001 / 22 MAY 19

Applicable to: ALL

28-29-01A Checked closed on FUEL SD page

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that:
 - 1) It is checked closed on the FUEL SD page, and
 - 2) The APU is not used.

Reference(s)

- (o) Refer to OpsProc 28-29-01A APU LP Fuel Valve

28-29-01B Secured closed

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (m) May be inoperative provided that:
 - 1) It is secured in the closed position, and
 - 2) The APU is considered inoperative.
Refer to Item 49-10-01 Power Plant (APU)

Reference(s)

- (m) Refer to AMM Task 28-29-00-040-002

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-29 - APU LP Fuel Shutoff
------------------------------------------------------	---------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-43 - Manual Magnetic Indicators
------------------------------------------------------	----------------------------------------------------------------------------

28-43-01	Manual Magnetic Indicators
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Ident.: MI-28-43-00008233.0002001 / 22 MAY 19

Applicable to: ALL

28-43-01A Associated fuel quantity indication operative on the FUEL SD page

Repair interval	Nbr installed	Nbr required	Placard
C	11	0	No

One or more may be inoperative provided that the associated fuel quantity indication is operative on the FUEL SD page.

28-43-01B High level fuel detection and fuel used indication operative

Repair interval	Nbr installed	Nbr required	Placard
C	11	0	No

(m) One or more may be inoperative provided that:

- 1) The high level fuel detection system is checked operative before refueling, and
- 2) The tanks in both wings are full, and
- 3) The associated fuel used indication is operative.

_____ Reference(s) _____

(m) *Refer to AMM Task 28-40-00-040-012*

28-43-02	Fuel Quantity Attitude Monitor
-----------------	---------------------------------------

Ident.: MI-28-43-00008234.0001001 / 22 MAR 10

I 1 Applicable to: LY-ELK, LY-OWL

28-43-02A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

May be inoperative provided that it is not required for refueling and defueling procedures.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-43 - Manual Magnetic Indicators
------------------------------------------------------	----------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-46 - Tank Level Sensing
------------------------------------------------------	--------------------------------------------------------------------

28-46-01	High Level Detection System in the Inner Tank
-----------------	------------------------------------------------------

Ident.: MI-28-46-00008235.0001001 / 22 MAY 19

Applicable to: ALL

28-46-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative provided that the fuel quantity is continuously monitored during refueling.

28-46-02	High Level Detection System in the Center Tank
-----------------	-------------------------------------------------------

Ident.: MI-28-46-00008237.0002001 / 22 MAY 19

Applicable to: ALL

28-46-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the fuel quantity is continuously monitored during refueling.

28-46-04	Low Level Detection System in the Inner Tank
-----------------	-----------------------------------------------------

Ident.: MI-28-46-00008240.0001001 / 22 MAR 10

Applicable to: ALL

28-46-04A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

One may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-46 - Tank Level Sensing
------------------------------------------------------	--------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-50 - Fuel Management
------------------------------------------------------	-----------------------------------------------------------------

28-50-01	Fuel Quantity Indicating Computer (FQIC) Channel
-----------------	---------------------------------------------------------

Ident.: MI-28-50-00008242.0001001 / 22 MAY 19

Applicable to: ALL

28-50-01A

Repair interval	Nbr installed	Nbr required	Placard
A	2	1	No

- (o) One may be inoperative for 10 calendar days provided that ETOPS is not conducted.

Reference(s)

- (o) *Refer to OpsProc 28-50-01A Fuel Quantity Indicating Computer (FQIC) Channel*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 28 - FUEL 28-50 - Fuel Management
------------------------------------------------------	-----------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 29 - HYDRAULIC POWER 29-01 - Overhead Panels 29-01-01 - HYD Overhead Panel
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

29-01-01-01	B(Y) ELEC PUMP pb-sw FAULT light
-------------	-----------------------------------------

Ident.: MI-29-01-01-00008031.0001001 / 22 MAY 19

Applicable to: ALL

29-01-01-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative provided that the associated reservoir quantity indication is operative on the HYD SD page.

Note: Simultaneous illumination of the BLUE ELEC PUMP pb-sw FAULT light and the ENG 1(2) PUMP pb-sw FAULT light with engines off may be due to a failed engine oil low pressure switch. In this case, the **ENG 1(2) OIL LO PR** alert is inoperative. Refer to Item 79-09-01 ENG 1(2) OIL LO PR Alert

29-01-01-02	B ELEC PUMP pb-sw OFF light
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Ident.: MI-29-01-01-00008034.0001001 / 22 MAR 10

Applicable to: ALL

29-01-01-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

29-01-01-03	Y ELEC PUMP pb-sw ON light
-------------	-----------------------------------

Ident.: MI-29-01-01-00008042.0001001 / 22 MAR 10

Applicable to: ALL

29-01-01-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 29 - HYDRAULIC POWER 29-01 - Overhead Panels 29-01-01 - HYD Overhead Panel
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

29-01-01-04	G(Y) ENG 1(2) PUMP pb-sw FAULT light
-------------	---------------------------------------------

Ident.: MI-29-01-01-00008048.0001001 / 22 MAY 19

Applicable to: ALL

29-01-01-04A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative provided that the associated reservoir quantity indication is operative on the HYD SD page.

*Note: Simultaneous illumination of the BLUE ELEC PUMP pb-sw FAULT light and the ENG 1(2) PUMP pb-sw FAULT light with engines off may be due to a failed engine oil low pressure switch. In this case, the **ENG 1(2) OIL LO PR** alert is inoperative. Refer to Item 79-09-01 ENG 1(2) OIL LO PR Alert*

29-01-01-05	G(Y) ENG 1(2) PUMP pb-sw OFF light
-------------	-------------------------------------------

Ident.: MI-29-01-01-00008049.0001001 / 22 MAR 10

Applicable to: ALL

29-01-01-05A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative.

29-01-01-06	PTU pb-sw FAULT light
-------------	------------------------------

Ident.: MI-29-01-01-00008050.0001001 / 22 MAY 19

Applicable to: ALL

29-01-01-06A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the quantity indications of the yellow and green reservoir are operative on the HYD SD page.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 29 - HYDRAULIC POWER 29-01 - Overhead Panels 29-01-01 - HYD Overhead Panel
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

29-01-01-07	PTU pb-sw OFF light
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Ident.: MI-29-01-01-00008051.0001001 / 22 MAR 10

Applicable to: ALL

29-01-01-07A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 29 - HYDRAULIC POWER 29-01 - Overhead Panels 29-01-01 - HYD Overhead Panel
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>29 - HYDRAULIC POWER</div> <div>29-01 - Overhead Panels</div> <div>29-01-02 - Maintenance HYD Overhead Panel</div>
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------

29-01-02-01	G(B)(Y) LEAK MEASUREMENT VALVES pb-sw OFF light
-------------	-------------------------------------------------

Ident.: MI-29-01-02-00008052.0001001 / 22 MAR 10

Applicable to: ALL

29-01-02-01A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

One or more may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 29 - HYDRAULIC POWER 29-01 - Overhead Panels 29-01-02 - Maintenance HYD Overhead Panel
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 29 - HYDRAULIC POWER 29-07 - Indications on the HYD SD page</p>
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------

29-07-01	Yellow ELEC Pump Indication on the <u>HYD</u> SD page
-----------------	--------------------------------------------------------------

Ident.: MI-29-07-00008078.0001001 / 22 MAR 10

Applicable to: ALL

29-07-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative.

29-07-02	Pump Indication on the <u>HYD</u> SD page
-----------------	--------------------------------------------------

Ident.: MI-29-07-00008079.0001001 / 27 JUN 11

Applicable to: ALL

29-07-02A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	No

One or more may be inoperative.

29-07-03	Fire Valve Indication on the <u>HYD</u> SD page
-----------------	--------------------------------------------------------

Ident.: MI-29-07-00008080.0001001 / 22 MAR 10

Applicable to: ALL

29-07-03A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p align="center">MEL ITEMS</p> <p align="center">29 - HYDRAULIC POWER</p> <p align="center">29-07 - Indications on the HYD SD page</p>
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------

29-07-04	PTU Indication on the <u>HYD</u> SD page
-----------------	-------------------------------------------------

Ident.: MI-29-07-00008081.0001001 / 22 MAR 10

Applicable to: ALL

29-07-04A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative.

29-07-05	Reservoir Quantity Indication on the <u>HYD</u> SD page
-----------------	----------------------------------------------------------------

Ident.: MI-29-07-00008082.0001001 / 22 MAY 19

Applicable to: ALL

29-07-05A

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	No

(m) One may be inoperative provided that:

- 1) The associated HYD B(G)(Y) RSVR LO LVL alert is checked operative, and
- 2) The associated reservoir quantity is checked before each flight.

_____ Reference(s) _____

(m) *Refer to AMM Task*

29-07-06	RAT Indication on the <u>HYD</u> SD page
-----------------	-------------------------------------------------

Ident.: MI-29-07-00008083.0001001 / 22 MAR 10

Applicable to: ALL

29-07-06A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative provided that the RAT is visually checked to be stowed before each flight.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 29 - HYDRAULIC POWER 29-07 - Indications on the HYD SD page</p>
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------

29-07-07	System Label Indication on the <u>HYD</u> SD page
-----------------	----------------------------------------------------------

Ident.: MI-29-07-00008084.0001001 / 22 MAY 19

Applicable to: ALL

29-07-07A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	No

- (o) One or more may be inoperative provided that the associated system pressure is checked available before each flight.

_____ Reference(s) _____

- (o) *Refer to OpsProc 29-07-07A System Label Indication on the HYD SD page*

29-07-08	System Pressure Indication on the <u>HYD</u> SD page
-----------------	-------------------------------------------------------------

Ident.: MI-29-07-00008085.0001001 / 22 MAY 19

Applicable to: LY-COD, LY-RAM

29-07-08A

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	No

- (o) One may be inoperative provided that the associated system label indication is checked operative before each flight.

_____ Reference(s) _____

- (o) *Refer to OpsProc 29-07-08A System Pressure Indication on the HYD SD page*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>29 - HYDRAULIC POWER</div> <div>29-07 - Indications on the HYD SD page</div>
------------------------------------------------------	--------------------------------------------------------------------------------------------------------

29-07-08	System Pressure Indication on the <u>HYD</u> SD page
----------	------------------------------------------------------

Ident.: MI-29-07-00008085.0002001 / 22 MAY 19

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

29-07-08A

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	No

- (o)(m) One may be inoperative provided that :
- 1) The affected pressure transmitter is deactivated, and
 - 2) The associated system label indication is checked operative before each flight.

Reference(s)

- (o) Refer to OpsProc 29-07-08A System Pressure Indication on the HYD SD page
- (m) Refer to AMM Task 29-30-00-040-802

29-07-09	Vertical Line Indication (G/B/Y) on the <u>HYD</u> SD page
----------	------------------------------------------------------------

Ident.: MI-29-07-00018532.0001001 / 16 FEB 16

Applicable to: ALL

29-07-09A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	No

One or more segment indications, on any of the three vertical lines (G/B/Y), may be erroneous or missing.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 29 - HYDRAULIC POWER 29-09 - ECAM Alerts
-------------------------------------------------------------	------------------------------------------------------------------------

29-09-01	HYD B(Y) ELEC PUMP LO PR Alert
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Ident.: MI-29-09-00008086.0001001 / 22 MAY 19

Applicable to: ALL

29-09-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be displayed provided that the associated system pressure indication is operative.

29-09-02	HYD B(Y) ELEC PUMP OVHT Alert
----------	--------------------------------------

Ident.: MI-29-09-00008087.0001001 / 22 MAR 10

Applicable to: ALL

29-09-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be displayed.

29-09-03	HYD G(Y) ENG 1(2) PUMP LO PR Alert
----------	-------------------------------------------

Ident.: MI-29-09-00008088.0001001 / 22 MAY 19

Applicable to: ALL

29-09-03A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) One or both may be displayed provided that:
- 1) The associated system pressure indications are operative, and
 - 2) The engine pumps are checked operative before each flight.

_____ Reference(s) _____

- (o) *Refer to OpsProc 29-09-03A HYD G(Y) ENG 1(2) PUMP LO PR Alert*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>29 - HYDRAULIC POWER</div> <div>29-09 - ECAM Alerts</div>
------------------------------------------------------	-------------------------------------------------------------------------------------

29-09-04	<div>HYD G(B)(Y) RSVR LO AIR PR Alert</div>
----------	---------------------------------------------

Ident.: MI-29-09-00008090.0001001 / 22 MAR 10

Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

29-09-04A

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	No

(m) One may be inoperative provided that the air pressure is checked on the associated reservoir before each flight.

Reference(s)

(m) *Refer to AMM*

29-09-04	<div>HYD G(B)(Y) RSVR LO AIR PR Alert</div>
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Ident.: MI-29-09-00008090.0003001 / 19 NOV 19

Applicable to: LY-COB

29-09-04A

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	No

(m) One may be displayed for the green or the yellow system provided that the air pressure is checked on the associated reservoir before each flight.

Reference(s)

(m) *Refer to AMM Task*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 29 - HYDRAULIC POWER 29-09 - ECAM Alerts
-------------------------------------------------------------	------------------------------------------------------------------------

29-09-05	HYD G(B)(Y) RSVR LO LVL Alert
----------	--------------------------------------

Ident.: MI-29-09-00008091.0001001 / 22 MAY 19

Applicable to: ALL

29-09-05A

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	No

One may be displayed provided that the associated reservoir quantity is checked on the HYD SD page before each flight.

- Note:
1. When the alert is displayed on the EWD, the associated PUMP pb-sw FAULT light and the PTU pb-sw FAULT light (if the green or the yellow system is affected) may simultaneously come on.
Refer to Item 29-01-01-01 B(Y) ELEC PUMP pb-sw FAULT light, and Refer to Item 29-01-01-04 G(Y) ENG 1(2) PUMP pb-sw FAULT light, and Refer to Item 29-01-01-06 PTU pb-sw FAULT light
 2. If the blue reservoir is affected, **EMER GEN** may appear in the INOP SYS column on the STATUS SD page before engine start.

29-09-06	HYD G(B)(Y) RSVR OVHT Alert
----------	------------------------------------

Ident.: MI-29-09-00008092.0001001 / 22 MAR 10

Applicable to: ALL

29-09-06A

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	No

The **HYD G RSVR OVHT** alert or the **HYD Y RSVR OVHT** alert may be displayed.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 29 - HYDRAULIC POWER 29-09 - ECAM Alerts
------------------------------------------------------	------------------------------------------------------------------------

29-09-07	HYD PTU FAULT Alert
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Ident.: MI-29-09-00008093.0001001 / 22 MAY 19

Applicable to: ALL

29-09-07A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(o) May be displayed provided that the PTU is checked operative before each flight.

Reference(s)

(o) Refer to OpsProc 29-09-07A HYD PTU FAULT Alert

29-09-08	HYD RAT FAULT Alert
-----------------	----------------------------

Ident.: MI-29-09-00008094.0001001 / 22 MAY 19

Applicable to: ALL

29-09-08A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(m) May be displayed provided that the RAT integrity is checked before each flight.

Reference(s)

(m) Refer to AMM Task 29-30-00-040-001

29-09-09	HYD G(B)(Y) SYS LO PR Alert
-----------------	------------------------------------

Ident.: MI-29-09-00008095.0001001 / 20 AUG 19

Applicable to: ALL

29-09-09A

Repair interval	Nbr installed	Nbr required	Placard
-	3	3	No

All must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 29 - HYDRAULIC POWER 29-10 - Main Hydraulic Power
------------------------------------------------------	---------------------------------------------------------------------------------

29-10-01	Engine Driven Pump
-----------------	---------------------------

Ident.: MI-29-10-00008055.0001001 / 22 MAR 10

Applicable to: ALL

29-10-01A

Repair interval	Nbr installed	Nbr required	Placard
—	2	2	No

Both must be operative.

29-10-02	Engine Driven Pump Depressurization Function
-----------------	-----------------------------------------------------

Ident.: MI-29-10-00010628.0001001 / 22 MAR 10

Applicable to: ALL

29-10-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

One may be inoperative.

29-10-03	Blue System Electric Pump
-----------------	----------------------------------

Ident.: MI-29-10-00008057.0001001 / 22 MAY 19

Applicable to: ALL

29-10-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	1	No

- (o) The automatic control may be inoperative provided that the pump is manually operated.

_____ Reference(s) _____

- (o) *Refer to OpsProc 29-10-03A Blue System Electric Pump*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 29 - HYDRAULIC POWER 29-10 - Main Hydraulic Power
------------------------------------------------------	---------------------------------------------------------------------------------

29-10-04	Hydraulic System Accumulator
-----------------	-------------------------------------

Ident.: MI-29-10-00008061.0002001 / 12 AUG 14

Applicable to: ALL

29-10-04A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	No

(m) One or more may be inoperative provided that the affected accumulator is deactivated.

_____ Reference(s) _____

(m) *Refer to AMM Task*

29-10-05	Yellow Brake Accumulator
-----------------	---------------------------------

Ident.: MI-29-10-00008063.0001001 / 22 MAR 10

Applicable to: ALL

29-10-05A

Repair interval	Nbr installed	Nbr required	Placard
–	1	1	No

Must be operative.

29-10-07	Engine Pump Fire Valve
-----------------	-------------------------------

Ident.: MI-29-10-00008067.0001001 / 22 MAR 10

Applicable to: ALL

29-10-07A

Repair interval	Nbr installed	Nbr required	Placard
–	2	2	No

Both must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 29 - HYDRAULIC POWER 29-10 - Main Hydraulic Power
------------------------------------------------------	---------------------------------------------------------------------------------

29-10-08	Hydraulic System Filter
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Ident.: MI-29-10-00008069.0001001 / 27 JUN 11

Applicable to: ALL

29-10-08A One LP filter inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	8	7	No

One LP filter may be inoperative.

29-10-08B Reservoir filling filter inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	8	7	No

The reservoir filling filter may be inoperative.

29-10-09	Hydraulic Case Drain Filter
-----------------	------------------------------------

Ident.: MI-29-10-00008072.0001001 / 22 MAR 10

Applicable to: ALL

29-10-09A

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	No

(m) One may be inoperative provided that it is removed.

_____ Reference(s) _____

(m) *Refer to AMM*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>29 - HYDRAULIC POWER</div> <div>29-10 - Main Hydraulic Power</div>
------------------------------------------------------	----------------------------------------------------------------------------------------------

29-10-10	Hydraulic Reservoir Drain Valve
----------	---------------------------------

Ident.: MI-29-10-00024284.0001001 / 03 DEC 21

Applicable to: ALL

Note: Apply the Hydraulic Reservoir Drain Valve MEL item only in the case of hydraulic fluid leak at the Hydraulic Reservoir Drain Valve without any other structural leaks. For other cases, Operator must request technical support and assistance from AIRBUS.

29-10-10A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	No

(m) One or more may be inoperative provided that the associated reservoir drain circuit is secured with a cap.

Reference(s)

(m) Refer to AMM Task 29-10-00-040-007

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>29 - HYDRAULIC POWER</div> <div>29-22 - Blue Auxiliary Hydraulic Power</div>
------------------------------------------------------	--------------------------------------------------------------------------------------------------------

29-22-01	Ram Air Turbine
----------	-----------------

Ident.: MI-29-22-00008074.0001001 / 22 MAR 10

Applicable to: ALL

29-22-01A

Repair interval	Nbr installed	Nbr required	Placard
-	1	1	No

Must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 29 - HYDRAULIC POWER 29-22 - Blue Auxiliary Hydraulic Power
------------------------------------------------------	-------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>29 - HYDRAULIC POWER</div> <div>29-23 - Power Transfer</div>
------------------------------------------------------	----------------------------------------------------------------------------------------

29-23-01	Power Transfer Unit (PTU)
----------	---------------------------

Ident.: MI-29-23-00008076.0001001 / 22 MAY 19

Applicable to: ALL

29-23-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	1	No

- (o) PTU may continuously run when set to AUTO provided that the operation of the PTU in both directions is checked before the first flight of each day.

Reference(s)

- (o) Refer to OpsProc 29-23-01A Power Transfer Unit (PTU)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 29 - HYDRAULIC POWER 29-23 - Power Transfer
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>29 - HYDRAULIC POWER</div> <div>29-24 - Yellow Auxiliary Hydraulic Power</div>
------------------------------------------------------	----------------------------------------------------------------------------------------------------------

29-24-01	Yellow System Electric Pump
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Ident.: MI-29-24-00008077.0001001 / 22 MAY 19

Applicable to: ALL

29-24-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o)

May be inoperative provided that the associated pb-sw is set to off.

Note:

The AFT and FWD cargo doors must be operated manually.

Reference(s)
- (o)

Refer to OpsProc 29-24-01A Yellow System Electric Pump

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 29 - HYDRAULIC POWER 29-24 - Yellow Auxiliary Hydraulic Power
------------------------------------------------------	---------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p align="center">MEL ITEMS</p> <p align="center">30 - ICE AND RAIN PROTECTION</p> <p align="center">30-01 - Overhead Panels</p> <p align="center">30-01-01 - ANTI ICE Overhead Panel</p>
-------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

30-01-01-01	ANTI ICE ENG 1(2) pb-sw FAULT light
--------------------	--------------------------------------------

Ident.: MI-30-01-01-00007866.0001001 / 27 NOV 15

Applicable to: ALL

30-01-01-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative.

30-01-01-02	ANTI ICE ENG 1(2) pb-sw ON light
--------------------	-----------------------------------------

Ident.: MI-30-01-01-00007870.0001001 / 22 MAR 10

Applicable to: ALL

30-01-01-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative.

30-01-01-03	ANTI ICE WING pb-sw FAULT light
--------------------	----------------------------------------

Ident.: MI-30-01-01-00007882.0001001 / 22 MAY 19

Applicable to: ALL

30-01-01-03A Anti-ice “arrow” symbols operative on the BLEED SD page

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that the anti-ice “arrow” symbols are operative on the BLEED SD page .

_____ Reference(s) _____

- (o) *Refer to OpsProc 30-01-01-03A ANTI ICE WING pb-sw FAULT light*

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">30 - ICE AND RAIN PROTECTION</p> <p style="text-align: center;">30-01 - Overhead Panels</p> <p style="text-align: center;">30-01-01 - ANTI ICE Overhead Panel</p>
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

30-01-01-03B Non ETOPS flight

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (m) May be inoperative provided that:
- 1) ETOPS is not conducted, and
 - 2) The wing anti-ice control valves are deactivated in the closed position and considered inoperative.

Refer to Item 30-11-01 Wing Anti-Ice Control Valve

_____ Reference(s) _____

(m) *Refer to AMM Task 30-11-00-040-002*

30-01-01-04	ANTI ICE WING pb-sw ON light
--------------------	-------------------------------------

Ident.: MI-30-01-01-00007885.0001001 / 22 MAR 10

Applicable to: **ALL**

30-01-01-04A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 30 - ICE AND RAIN PROTECTION 30-01 - Overhead Panels 30-01-02 - WIPER Overhead Panel
------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

30-01-02-01	Wiper High Speed Function (FAST Position)
--------------------	--------------------------------------------------

Ident.: MI-30-01-02-00007890.0001001 / 22 MAY 19

Applicable to: ALL

30-01-02-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative provided that the associated low speed function is operative.

30-01-02-02	Wiper Low Speed Function (SLOW Position)
--------------------	-------------------------------------------------

Ident.: MI-30-01-02-00007893.0001001 / 22 MAR 10

Applicable to: ALL

30-01-02-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 30 - ICE AND RAIN PROTECTION 30-01 - Overhead Panels 30-01-02 - WIPER Overhead Panel
------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">30 - ICE AND RAIN PROTECTION</p> <p style="text-align: center;">30-07 - Indications on the BLEED SD page</p>
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

30-07-01	ANTI ICE Indication on the <u>BLEED</u> SD page
-----------------	--------------------------------------------------------

Ident.: MI-30-07-00008019.0001001 / 22 MAR 10

Applicable to: ALL

30-07-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative.

30-07-02	Arrow Indication on the <u>BLEED</u> SD page
-----------------	-----------------------------------------------------

Ident.: MI-30-07-00008020.0001001 / 22 MAR 10

Applicable to: ALL

30-07-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 30 - ICE AND RAIN PROTECTION 30-07 - Indications on the BLEED SD page
------------------------------------------------------	-----------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>30 - ICE AND RAIN PROTECTION</div> <div>30-11 - Wing Ice Protection</div>
------------------------------------------------------	-----------------------------------------------------------------------------------------------------

30-11-01	Wing Anti-Ice Control Valve
----------	-----------------------------

Ident.: MI-30-11-00007897.0001001 / 22 MAY 19

Applicable to: ALL

30-11-01A Inoperative in the open position

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(o)(m) The RH valve may be inoperative in the open position provided that the associated ECAM procedure is applied.

- Reference(s)
- (o)

Refer to OpsProc 30-11-01A Wing Anti-Ice Control Valve
- (m)

Refer to AMM Task 30-11-00-040-004

30-11-01B Inoperative in the closed position

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

- (m) One or both may be inoperative in the closed position provided that:
- ETOPS is not conducted, and
 - The aircraft is not operated in known or forecast icing conditions.
- Reference(s)
- (m)

Refer to AMM Task 30-11-00-040-001

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 30 - ICE AND RAIN PROTECTION 30-11 - Wing Ice Protection
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 30 - ICE AND RAIN PROTECTION 30-21 - Engine Air Intake Ice Protection
------------------------------------------------------	-----------------------------------------------------------------------------------------------------

30-21-01	Engine Anti-Ice Valve
-----------------	------------------------------

Ident.: MI-30-21-00007898.0001001 / 22 MAY 19

Applicable to: LY-COD, LY-RAM

30-21-01A Inoperative in the closed position

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

(m) One may be inoperative in the closed position provided that:

- 1) ETOPS is not conducted, and
- 2) The aircraft is not operated in known or forecast icing conditions.

_____ Reference(s) _____

(m) *Refer to AMM Task*

30-21-01B Inoperative in the open position

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

(o)(m) One or both may be inoperative in the open position provided that the Flight Manual performance penalties are applied.

_____ Reference(s) _____

(o) *Refer to OpsProc 30-21-01B Engine Anti-Ice Valve*

(m) *Refer to AMM Task 30-21-00-040-002*

30-21-01	Engine Anti-Ice Valve
-----------------	------------------------------

Ident.: MI-30-21-00007898.0002001 / 22 MAY 19

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

30-21-01A Inoperative in the closed position

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

(m) One may be inoperative in the closed position provided that:

- 1) ETOPS is not conducted, and
- 2) The aircraft is not operated in known or forecast icing conditions.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>30 - ICE AND RAIN PROTECTION</div> <div>30-21 - Engine Air Intake Ice Protection</div>
------------------------------------------------------	------------------------------------------------------------------------------------------------------------------

Continued from the previous page

Reference(s)

(m) Refer to AMM Task

30-21-01C Inoperative in the open position

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

(o)(m) One or both may be inoperative in the open position provided that:

- 1) The Flight Manual performance penalties are applied, and
- 2) The OAT is below ISA+35 °C.

Reference(s)

(o) Refer to OpsProc 30-21-01C Engine Anti-Ice Valve

(m) Refer to AMM Task 30-21-00-040-010

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL ITEMS 30 - ICE AND RAIN PROTECTION 30-31 - Probe Ice Protection </div>
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------

30-31-01	Probe Heat Computer (PHC)
-----------------	----------------------------------

Ident.: MI-30-31-00007899.0001001 / 22 MAY 19

Applicable to: ALL

30-31-01A Associated probe heating operative

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	No

- (o)(m) One may be inoperative provided that the associated probe heating is checked operative before each flight.

_____ Reference(s) _____

(o) *Refer to OpsProc 30-31-01A PHC (associated probe heating operative)*

(m) *Refer to AMM Task 30-31-00-040-001*

30-31-01B F/O PHC inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	No

- (o)(m) The F/O PHC may be inoperative provided that the ADRs, heaters and failure alerts associated with the operative computers are checked operative every day.

_____ Reference(s) _____

(o) *Refer to OpsProc 30-31-01B PHC (F/O PHC inoperative)*

(m) *Refer to AMM Task 30-31-00-040-002*

30-31-01C STBY PHC inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	No

- (o)(m) The STBY PHC may be inoperative provided that:

- 1) The ADRs, heaters and failure alerts associated with the operative computers are checked operative every day, and
- 2) The aircraft is not operated in visible moisture or in known or forecast icing conditions, and
- 3) The OAT at the departure airport is above 5 °C when the taxiway or the runway are contaminated with water or slush.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">30 - ICE AND RAIN PROTECTION</p> <p style="text-align: center;">30-31 - Probe Ice Protection</p>
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Continued from the previous page

_____ Reference(s) _____

- (o) *Refer to OpsProc 30-31-01C PHC (STBY PHC inoperative)*
- (m) *Refer to AMM Task 30-31-00-040-002*

30-31-02	Pitot Heater
-----------------	---------------------

Ident.: MI-30-31-00007900.0001001 / 22 MAY 19
Applicable to: ALL

30-31-02A F/O pitot heater inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	No

- (o) (m) The F/O pitot heater may be inoperative provided that the ADRs, heaters and failure alerts associated with the CAPT and the STBY probes (pitot, static, AOA, TAT) are checked operative every day.

_____ Reference(s) _____

- (o) *Refer to OpsProc 30-31-02A Pitot Heater*
- (m) *Refer to AMM Task 30-31-00-040-002*

30-31-02B CAPT pitot heater inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	No

- (m) The CAPT pitot heater may be inoperative provided that:
 - 1) The ADRs, heaters and failure alerts associated with the F/O and the STBY probes (pitot, static, AOA, TAT) are checked operative every day, and
 - 2) The aircraft is not operated in visible moisture or in known or forecast icing conditions.

_____ Reference(s) _____

- (m) *Refer to AMM Task 30-31-00-040-002*

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL ITEMS 30 - ICE AND RAIN PROTECTION 30-31 - Probe Ice Protection </div>
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30-31-02C STBY pitot heater inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	No

(m) The STBY pitot heater may be inoperative provided that:

- 1) The ADRs, heaters and failure alerts associated with the CAPT and the F/O probes (pitot, static, AOA, TAT) are checked operative every day, and
- 2) The aircraft is not operated in visible moisture or in known or forecast icing conditions.

_____ Reference(s) _____

(m) *Refer to AMM Task 30-31-00-040-002*

30-31-03	Static Ports Heater
-----------------	----------------------------

Ident.: MI-30-31-00007901.0001001 / 22 MAY 19

Applicable to: ALL

30-31-03A One STBY static port heater inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	6	5	No

One STBY static ports heater may be inoperative.

30-31-03B Both STBY static port heater inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	6	4	No

(m) Both STBY static ports heaters may be inoperative provided that:

- 1) The ADRs, heaters and failure alerts associated with the CAPT and the F/O probes (pitot, static, AOA, TAT) are checked operative every day, and
- 2) The OAT at the departure airport is above 5 °C when the runway is contaminated with water or slush.

_____ Reference(s) _____

(m) *Refer to AMM Task 30-31-00-040-002*

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">30 - ICE AND RAIN PROTECTION</p> <p style="text-align: center;">30-31 - Probe Ice Protection</p>
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30-31-03C One or both F/O static port heater inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	6	4	No

(o) (m) One or both F/O static ports heaters may be inoperative provided that the ADRs, heaters and failure alerts associated with the CAPT and the STBY probes (pitot, static, AOA, TAT) are checked operative every day.

_____ Reference(s) _____

- (o) *Refer to OpsProc 30-31-03C F/O Static Ports Heater*
- (m) *Refer to AMM Task 30-31-00-040-002*

30-31-03D One or both CAPT static port heater inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	6	4	No

- (o) (m) One or both CAPT static ports heaters may be inoperative provided that:
- 1) The ADRs, heaters and failure alerts associated with the F/O and the STBY probes (pitot, static, AOA, TAT) are checked operative every day, and
 - 2) The OAT at the departure airport is above 5 °C when the runway is contaminated with water or slush.

_____ Reference(s) _____

- (o) *Refer to OpsProc 30-31-03D CAPT Static Ports Heater*
- (m) *Refer to AMM Task 30-31-00-040-002*

30-31-04	Angle of Attack (AOA) Probes Heating
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Ident.: MI-30-31-00007902.0001001 / 22 MAY 19
Applicable to: ALL

30-31-04A F/O AOA inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	No

(o) (m) The F/O AOA probes heating may be inoperative provided that the ADRs, heaters and failure alerts associated with the CAPT and the STBY probes (pitot, static, AOA, TAT) are checked operative every day

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">30 - ICE AND RAIN PROTECTION</p> <p style="text-align: center;">30-31 - Probe Ice Protection</p>
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

_____ Reference(s) _____

- (o) Refer to OpsProc 30-31-04A Angle of Attack (AOA) Probes Heating (F/O inoperative)
- (m) Refer to AMM Task 30-31-00-040-002

30-31-04B STBY AOA inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	No

- (o)(m) The STBY AOA probes heating may be inoperative provided that the ADRs, heaters and failure alerts associated with the CAPT and the F/O probes (pitot, static, AOA, TAT) are checked operative every day

_____ Reference(s) _____

- (o) Refer to OpsProc 30-31-04B Angle of Attack (AOA) Probes Heating (STBY inoperative)
- (m) Refer to AMM Task 30-31-00-040-002

30-31-04C CAPT AOA inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	No

- (o)(m) The CAPT AOA probes heating may be inoperative provided that:
- 1) The ADRs, heaters and failure alerts associated with the F/O and the STBY probes (pitot, static, AOA, TAT) are checked operative every day, and
 - 2) The aircraft is not operated in visible moisture or in known or forecast icing conditions

_____ Reference(s) _____

- (o) Refer to OpsProc 30-31-04C Angle of Attack (AOA) Probes Heating (CAPT inoperative)
- (m) Refer to AMM Task 30-31-00-040-002

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 30 - ICE AND RAIN PROTECTION 30-31 - Probe Ice Protection
------------------------------------------------------	-----------------------------------------------------------------------------------------

30-31-05	TAT Probes Heating
----------	--------------------

Ident.: MI-30-31-00007903.0001001 / 22 MAY 19

Applicable to: ALL

30-31-05A One inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

One may be inoperative.

30-31-05B Both inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

Both may be inoperative provided that the aircraft is not operated in visible moisture or in known or forecast icing conditions.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 30 - ICE AND RAIN PROTECTION 30-42 - Windshield Anti-Icing and Defogging
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------

30-42-01	Window Heat Computer
-----------------	-----------------------------

Ident.: MI-30-42-00007912.0001001 / 22 MAY 19

Applicable to: ALL

30-42-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(o)(m) One may be inoperative provided that:

- 1) The aircraft is not operated in known or forecast icing conditions, and
- 2) All heaters and failure alerts on the front and sliding windows associated with the operative computer are checked operative every day.

_____ Reference(s) _____

(o) *Refer to OpsProc 30-42-01A Window Heat Computer*

(m) *Refer to AMM Task 30-42-00-040-001*

30-42-02	Fixed Lateral Window and Sliding Window Heating
-----------------	--------------------------------------------------------

Ident.: MI-30-42-00007913.0001001 / 22 MAR 10

Applicable to: ALL

30-42-02A

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	No

One or more may be inoperative.

30-42-03	Windshield Heating
-----------------	---------------------------

Ident.: MI-30-42-00007915.0001001 / 17 NOV 20

Applicable to: ALL

30-42-03A No icing conditions

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(o) One may be inoperative provided that the aircraft is not operated in known or forecast icing conditions, along the intended route.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">30 - ICE AND RAIN PROTECTION</p> <p style="text-align: center;">30-42 - Windshield Anti-Icing and Defogging</p>
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

_____ Reference(s) _____

(o) *Refer to OpsProc 30-42-03A Windshield Heating*

30-42-03B For SGS Windshield: ISB (ref. 56-1022 or 56-1023) findings - Degradation out of allowance

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

One may be degraded beyond the passed criteria of the ISB (ref. 56-1022 for CEO or 56-1023 for NEO) provided that the operating altitude is limited to FL230.

30-42-04	PROBES/WINDOW HEAT pb-sw AUTO Control
-----------------	----------------------------------------------

Ident.: MI-30-42-00007918.0001001 / 22 MAR 10
Applicable to: ALL

30-42-04A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

Automatic control may be inoperative provided that the PROBES/WINDOW HEAT system is manually selected.

30-42-05	PROBES/WINDOW HEAT pb-sw ON light
-----------------	------------------------------------------

Ident.: MI-30-42-00007921.0001001 / 22 MAR 10
Applicable to: ALL

30-42-05A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 30 - ICE AND RAIN PROTECTION 30-45 - Windshield Rain Protection
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------

30-45-01	Windshield Wiper
-----------------	-------------------------

Ident.: MI-30-45-00007927.0001001 / 22 MAY 19

Applicable to: ALL

30-45-01A One inoperative on the PM side

Repair interval	Nbr installed	Nbr required	Placard
A	2	1	Yes

One may be inoperative on the PM side for three flights.

30-45-01B One or both inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

- (o) One or both may be inoperative provided that:
- 1) The aircraft is not operated in precipitation within departure and arrival areas, and
 - 2) The approach minima do not require their use.

_____ Reference(s) _____

- (o) *Refer to OpsProc 30-45-01B Windshield Wiper*

30-45-01C One or both continuously running

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

- (o) One or both may be inoperative provided that:
- 1) The affected wiper is deactivated, and
 - 2) The aircraft is not operated in precipitation within departure and arrival areas, and
 - 3) The approach minima do not require their use.

_____ Reference(s) _____

- (o) *Refer to OpsProc 30-45-01C Windshield Wiper continuously running*

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>30 - ICE AND RAIN PROTECTION</div> <div>30-45 - Windshield Rain Protection</div>
------------------------------------------------------	------------------------------------------------------------------------------------------------------------

Continued from the previous page

30-45-01D Rain repellent system operative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

One may be inoperative provided that the associated rain repellent system is installed and operative.

30-45-02	Windshield Wiper PARK Function
----------	--------------------------------

Ident.: MI-30-45-00007929.0001001 / 27 JUN 11
Applicable to: ALL

30-45-02A One or both inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative provided that the associated wipers can be positioned in a location that will not obstruct forward vision.

30-45-02B One or both inoperative and removed

Repair interval	Nbr installed	Nbr required	Placard
–	2	0	No

(m) One or both may be inoperative provided that the associated wipers are removed.
Refer to Item 30-45-01 Windshield Wiper

Reference(s)

(m) Refer to AMM 30-45-00-040-003

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 30 - ICE AND RAIN PROTECTION 30-45 - Windshield Rain Protection
------------------------------------------------------	-----------------------------------------------------------------------------------------------

30-45-03	Rain Repellent System
-----------------	------------------------------

Ident.: MI-30-45-00007931.0001001 / 22 MAR 10

Applicable to: ALL

30-45-03A

Repair interval	Nbr installed	Nbr required	Placard
D	2	0	Yes

One or both may be inoperative.

Note: No entry in the logbook is required when it is installed but intentionally deactivated.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 30 - ICE AND RAIN PROTECTION 30-45 - Windshield Rain Protection
------------------------------------------------------	-----------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>30 - ICE AND RAIN PROTECTION</div> <div>30-71 - Waste Water Ice Protection</div>
------------------------------------------------------	------------------------------------------------------------------------------------------------------------

30-71-01	Waste Water Drain Mast Heating System
----------	---------------------------------------

Ident.: MI-30-71-00007934.0001001 / 22 MAY 19

Applicable to: ALL

30-71-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (m) One or both may be inoperative provided that:
- 1) The associated galleys and lavatories are not used, and

2) The associated lavatory water supplies are closed.

Reference(s)

- (m) Refer to AMM Task 30-71-00-040-001

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 30 - ICE AND RAIN PROTECTION 30-71 - Waste Water Ice Protection
------------------------------------------------------	-----------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>30 - ICE AND RAIN PROTECTION</div> <div>30-81 - Ice Detection</div>
------------------------------------------------------	-----------------------------------------------------------------------------------------------

30-81-02	External Visual Icing Indicator
----------	---------------------------------

Ident.: MI-30-81-00008017.0001001 / 22 MAR 10

Applicable to: ALL

30-81-02A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	No

Refer to AFM/MCDL-30-01 Icing Indicator

30-81-03	Lighting of External Visual Icing Indicator
----------	---------------------------------------------

Ident.: MI-30-81-00008018.0001001 / 22 MAR 10

1 Applicable to: ALL

30-81-03A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

- (o) May be inoperative.
- Reference(s)

(o) Refer to OpsProc 30-81-03A Lighting of External Visual Icing Indicator

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 30 - ICE AND RAIN PROTECTION 30-81 - Ice Detection
------------------------------------------------------	----------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">31 - INDICATING/RECORDING SYSTEMS</p> <p style="text-align: center;">31-00 - MAINTENANCE Message on the STATUS SD page</p>
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31-00-01	QAR MAINTENANCE Message
-----------------	--------------------------------

Ident.: MI-31-00-00007776.0001001 / 03 MAR 21

Applicable to: LY-COB, LY-COD, LY-RAM

31-00-01A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

QAR MAINTENANCE message may be displayed on the STATUS SD page .

31-00-02	ACMS MAINTENANCE Message
-----------------	---------------------------------

Ident.: MI-31-00-00007777.0002001 / 22 MAR 10

Applicable to: ALL

31-00-02A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

ACMS MAINTENANCE message may be displayed on the STATUS SD page.

31-00-03	DAR MAINTENANCE Message
-----------------	--------------------------------

Ident.: MI-31-00-00007778.0001001 / 03 MAR 21

Applicable to: LY-ELK, LY-OWL

31-00-03A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

DAR MAINTENANCE message may be displayed on the STATUS SD page.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>31 - INDICATING/RECORDING SYSTEMS</div> <div>31-00 - MAINTENANCE Message on the STATUS SD page</div>
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31-00-04	CFDIU <u>MAINTENANCE</u> Message
----------	----------------------------------

Ident.: MI-31-00-00007779.0001001 / 22 MAR 10

Applicable to: ALL

31-00-04A

Repair interval	Nbr installed	Nbr required	Placard
C	-	-	No

CFDIU MAINTENANCE message may be displayed on the STATUS SD page.

31-00-05	DMC 1/3 <u>MAINTENANCE</u> Message
----------	------------------------------------

Ident.: MI-31-00-00007780.0002001 / 18 JUL 12

Applicable to: ALL

31-00-05A

Repair interval	Nbr installed	Nbr required	Placard
C	-	-	No

DMC 1/3 MAINTENANCE message may be displayed on the STATUS SD page.

31-00-06	DMC 2/3 <u>MAINTENANCE</u> Message
----------	------------------------------------

Ident.: MI-31-00-00007781.0001001 / 22 MAR 10

Applicable to: ALL

31-00-06A

Repair interval	Nbr installed	Nbr required	Placard
C	-	-	No

DMC 2/3 MAINTENANCE message may be displayed on the STATUS SD page.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>31 - INDICATING/RECORDING SYSTEMS</div> <div>31-00 - MAINTENANCE Message on the STATUS SD page</div>
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

31-00-07	DFDR ACCEL <u>MAINTENANCE</u> Message
----------	---------------------------------------

Ident.: MI-31-00-00015819.0001001 / 13 MAY 20

Applicable to: ALL

31-00-07A

Repair interval	Nbr installed	Nbr required	Placard
C	-	-	No

DFDR ACCEL MAINTENANCE message may be displayed on the STATUS SD page .

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 31 - INDICATING/RECORDING SYSTEMS 31-00 - MAINTENANCE Message on the STATUS SD page
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">31 - INDICATING/RECORDING SYSTEMS</p> <p style="text-align: center;">31-01 - Overhead Panels</p> <p style="text-align: center;">31-01-01 - RCDR Overhead Panel</p>
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31-01-01-01	RCDR GND CTL pb-sw ON light
--------------------	------------------------------------

Ident.: MI-31-01-01-00007582.0001001 / 21 NOV 17

Applicable to: ALL

31-01-01-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

31-01-01-02	RCDR GND CTL pb-sw
--------------------	---------------------------

Ident.: MI-31-01-01-00007583.0001001 / 21 NOV 17

Applicable to: ALL

31-01-01-02A AUTO position

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative in the AUTO position.

_____ Reference(s) _____

- (o) *Refer to OpsProc 31-01-01-02A RCDR GND CTL pb-sw (Inoperative in the AUTO position)*

31-01-01-02B ON position

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative in the ON position.

_____ Reference(s) _____

- (o) *Refer to OpsProc 31-01-01-02B RCDR GND CTL pb-sw (Inoperative in the ON position)*

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>31 - INDICATING/RECORDING SYSTEMS</div> <div>31-01 - Overhead Panels</div> <div>31-01-01 - RCDR Overhead Panel</div>
------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

31-01-01-02C CVR considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
–	1	0	Yes

May be inoperative provided that the CVR is considered inoperative.

Refer to Item 23-71-01 Cockpit Voice Recorder (CVR)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>31 - INDICATING/RECORDING SYSTEMS</div> <div>31-05 - Indications on the Primary Flight Display (PFD)</div>
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31-05-01	AP Related Indications on the FMA
----------	-----------------------------------

Ident.: MI-31-05-00007820.0001001 / 22 MAR 10

Applicable to: ALL

31-05-01A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 22-05-01 AP/FD Related Indications on the FMA

31-05-02	A/THR Related Indications on the FMA
----------	--------------------------------------

Ident.: MI-31-05-00007821.0001001 / 22 MAR 10

Applicable to: ALL

31-05-02A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 22-05-02 A/THR Related Indications on the FMA

31-05-03	Approach and Landing Capabilities on the FMA
----------	----------------------------------------------

Ident.: MI-31-05-00007822.0001001 / 22 MAR 10

Applicable to: ALL

31-05-03A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 22-05-03 Approach and Landing Capabilities on the FMA

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>31 - INDICATING/RECORDING SYSTEMS</div> <div>31-05 - Indications on the Primary Flight Display (PFD)</div>
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------

31-05-04	Special Messages on the FMA
----------	-----------------------------

Ident.: MI-31-05-00007823.0001001 / 22 MAR 10

Applicable to: ALL

31-05-04A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 22-05-04 Special Messages on the FMA

31-05-05	Actual Airspeed Reference Line and Scale Indications on the PFD
----------	-----------------------------------------------------------------

Ident.: MI-31-05-00007824.0001001 / 22 MAR 10

Applicable to: ALL

31-05-05A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 34-05-01 Actual Airspeed Reference Line and Scale Indication on the PFD

31-05-06	Mach Number Indication on the PFD
----------	-----------------------------------

Ident.: MI-31-05-00007825.0001001 / 22 MAR 10

Applicable to: ALL

31-05-06A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 34-05-02 Mach Number Indication on the PFD

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">31 - INDICATING/RECORDING SYSTEMS</p> <p style="text-align: center;">31-05 - Indications on the Primary Flight Display (PFD)</p>
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

31-05-07	VMO/MMO Characteristic Speed Indication on the PFD
-----------------	-----------------------------------------------------------

Ident.: MI-31-05-00007826.0001001 / 22 MAR 10

Applicable to: ALL

31-05-07A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 34-05-03 VMO/MMO Characteristic Speed Indication on the PFD

31-05-08	Altitude Indication on the PFD
-----------------	---------------------------------------

Ident.: MI-31-05-00007827.0001001 / 22 MAR 10

Applicable to: ALL

31-05-08A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 34-05-04 Altitude Indication on the PFD

31-05-09	Vertical Speed Indication on the PFD
-----------------	---------------------------------------------

Ident.: MI-31-05-00007828.0001001 / 22 MAR 10

Applicable to: ALL

31-05-09A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 34-05-06 Vertical Speed in Inertial Mode Indication on the PFD

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>31 - INDICATING/RECORDING SYSTEMS</div> <div>31-05 - Indications on the Primary Flight Display (PFD)</div>
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------

31-05-10	Other Air Data Related Indications on the PFD
----------	-----------------------------------------------

Ident.: MI-31-05-00007829.0001001 / 22 MAR 10

Applicable to: ALL

31-05-10A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 34-05-07 Other Air Data Related Indications on the PFD

31-05-11	Attitude Indication on the PFD
----------	--------------------------------

Ident.: MI-31-05-00007830.0001001 / 22 MAR 10

Applicable to: ALL

31-05-11A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 34-05-08 Attitude Indication on the PFD

31-05-12	Heading Indication on the PFD
----------	-------------------------------

Ident.: MI-31-05-00007831.0001001 / 22 MAR 10

Applicable to: ALL

31-05-12A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 34-05-09 Heading Indication on the PFD

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">31 - INDICATING/RECORDING SYSTEMS</p> <p style="text-align: center;">31-06 - Indications on the Navigation Display (ND)</p>
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31-06-01	Ground Speed Indication on the ND
-----------------	------------------------------------------

Ident.: MI-31-06-00007832.0001001 / 22 MAR 10
Applicable to: ALL

31-06-01A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 34-06-01 Ground Speed Indication on the ND

31-06-02	True Air Speed Indication on the ND
-----------------	--------------------------------------------

Ident.: MI-31-06-00007834.0001001 / 22 MAR 10
Applicable to: ALL

31-06-02A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 34-06-02 True Air Speed Indication on the ND

31-06-03	Wind Indication on the ND
-----------------	----------------------------------

Ident.: MI-31-06-00007835.0001001 / 22 MAR 10
Applicable to: ALL

31-06-03A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 34-06-03 Wind Indication on the ND

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>31 - INDICATING/RECORDING SYSTEMS</div> <div>31-06 - Indications on the Navigation Display (ND)</div>
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------

31-06-04	Heading Indication on the ND
----------	------------------------------

Ident.: MI-31-06-00007836.0001001 / 22 MAR 10

Applicable to: ALL

31-06-04A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 34-06-04 Heading Indication on the ND

31-06-05	Position (Aircraft Symbol) Indication on the ND
----------	-------------------------------------------------

Ident.: MI-31-06-00007839.0001001 / 22 MAR 10

Applicable to: ALL

31-06-05A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 34-06-05 Position (Aircraft Symbol) Indication on the ND

31-06-06	Navigation Station Information on the ND
----------	------------------------------------------

Ident.: MI-31-06-00007845.0001001 / 22 MAR 10

Applicable to: ALL

31-06-06A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 34-06-06 Radio Nav aids Indications on the ND

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>31 - INDICATING/RECORDING SYSTEMS</div> <div>31-06 - Indications on the Navigation Display (ND)</div>
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------

31-06-07	Chrono Indication on the ND
----------	-----------------------------

Ident.: MI-31-06-00007846.0001001 / 22 MAR 10

Applicable to: ALL

31-06-07A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 34-06-07 Chrono Indication on the ND

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 31 - INDICATING/RECORDING SYSTEMS 31-06 - Indications on the Navigation Display (ND)
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 31 - INDICATING/RECORDING SYSTEMS 31-07 - Indications on the System Display (SD)
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------

31-07-01	Indications on the System Display pages
-----------------	------------------------------------------------

Ident.: MI-31-07-00007848.0001001 / 22 MAR 10

Applicable to: ALL

31-07-01A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	No

Refer to corresponding item in the associated ATA chapter.

31-07-02	Permanent Data (TAT, SAT, GLOAD - ALT SEL, UTC, GW) Indications on the SD
-----------------	--------------------------------------------------------------------------------------

Ident.: MI-31-07-00007850.0001001 / 27 JUN 11

1 Applicable to: LY-ELK, LY-EMU, LY-OWL

31-07-02A

Repair interval	Nbr installed	Nbr required	Placard
C	6	1	No

- (o) TAT indication must be available.

Reference(s)

- (o) *Refer to OpsProc 31-07-02A Permanent Data Indications on the SD*

31-07-02	Permanent Data (TAT, SAT, GLOAD, UTC, GW) Indications on the SD
-----------------	------------------------------------------------------------------------

Ident.: MI-31-07-00007850.0002001 / 27 JUN 11

Applicable to: LY-COB

31-07-02A

Repair interval	Nbr installed	Nbr required	Placard
C	5	1	No

- (o) TAT indication must be available.

Reference(s)

- (o) *Refer to OpsProc 31-07-02A Permanent Data Indications on the SD*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 31 - INDICATING/RECORDING SYSTEMS 31-07 - Indications on the System Display (SD)
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------

31-07-02	Permanent Data (TAT, SAT, ISA, GLOAD, UTC, GW) Indications on the SD
-----------------	-----------------------------------------------------------------------------

Ident.: MI-31-07-00007850.0004001 / 27 JUN 11
Applicable to: LY-COD, LY-RAM

31-07-02A

Repair interval	Nbr installed	Nbr required	Placard
C	6	1	No

(o) TAT indication must be available.

_____ Reference(s) _____

(o) *Refer to OpsProc 31-07-02A Permanent Data Indications on the SD*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">31 - INDICATING/RECORDING SYSTEMS</p> <p style="text-align: center;">31-08 - Indications on the Engine Warning Display (EWD)</p>
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

31-08-01	Engine Parameter Indications on the EWD
-----------------	------------------------------------------------

Ident.: MI-31-08-00007851.0001001 / 22 MAR 10

Applicable to: ALL

31-08-01A

Repair interval	Nbr installed	Nbr required	Placard
–	–	–	No

Refer to 77-08

31-08-02	Fuel On Board (FOB) Indication on the EWD
-----------------	--------------------------------------------------

Ident.: MI-31-08-00007852.0001001 / 22 MAR 10

Applicable to: ALL

31-08-02A

Repair interval	Nbr installed	Nbr required	Placard
–	–	–	–

Refer to Item 28-07-01-01 Fuel On Board (FOB) Indication on the FUEL SD page

31-08-03	MEMO Messages on the EWD
-----------------	---------------------------------

Ident.: MI-31-08-00007853.0001001 / 13 MAY 20

Applicable to: ALL

31-08-03A

Repair interval	Nbr installed	Nbr required	Placard
C	–	0	No

One or more may be inoperative provided that the affected MEMO message is confirmed to be false or missing by troubleshooting.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 31 - INDICATING/RECORDING SYSTEMS 31-08 - Indications on the Engine Warning Display (EWD)
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------

31-08-04	Slats/Flaps Position Indications on the EWD
-----------------	----------------------------------------------------

Ident.: MI-31-08-00007854.0001001 / 11 FEB 15
Applicable to: ALL

31-08-04A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

*Refer to Item 27-08-01 Flap Position Indication on the EWD
and Refer to Item 27-08-02 Slat Position Indication on the EWD*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL ITEMS 31 - INDICATING/RECORDING SYSTEMS 31-20 - Independent Instruments </div>
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------

31-20-01	Electrical Clock Indicator
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Ident.: MI-31-20-00007782.0001001 / 22 MAY 19

Applicable to: ALL

31-20-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that:
 - 1) The UTC indication from the CFDIU is operative on the permanent data of the SD, and
 - 2) A chrono indication is operative on at least one ND.

Note: *The following recommendation is only applicable to aircraft equipped with the Electrical Clock P/N APE5100-1:*

During the entire month of February, intermittent erroneous indications (wrong, over-range or missing digits) of the elapsed time and chronometer functions may occur if the clock is in GPS mode.

In that case, the flight crew must set the clock selector to internal (INT) mode in order to recover the elapsed time and chronometer functions. The clock is considered operative.

When the clock is in INT mode, the flight crew must synchronize the clock with the GPS at least one time per day to comply with the time precision required for ATC datalink communication. Refer to FCOM/DSC-31-55-20 Operation in Internal Mode.

_____ Reference(s) _____

- (o) *Refer to OpsProc 31-20-01A Electrical Clock Indicator*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 31 - INDICATING/RECORDING SYSTEMS 31-20 - Independent Instruments
------------------------------------------------------	-------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL ITEMS 31 - INDICATING/RECORDING SYSTEMS </div> 31-30 - Centralized Fault Display System (CFDS) and Data Recording System
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

31-30-01	Centralized Fault Display System (CFDS)
-----------------	------------------------------------------------

Ident.: MI-31-30-00007784.0001001 / 22 MAR 10

Applicable to: ALL

31-30-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative.

31-30-02	Digital AIDS Recorder (DAR)
-----------------	------------------------------------

Ident.: MI-31-30-00007785.0001001 / 03 MAR 21

Applicable to: LY-ELK, LY-OWL

31-30-02A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 31-00-03 DAR MAINTENANCE Message

Note: Failure of DAR is indicated by a MAINTENANCE message on the STATUS SD page.

31-30-03	Digital Flight Data Recorder (DFDR)
-----------------	--------------------------------------------

Ident.: MI-31-30-00007786.0001001 / 22 MAY 19

Applicable to: ALL

31-30-03A

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

May be inoperative for 8 flights or 3 consecutive calendar days, whichever occurs first, provided that the CVR is operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>31 - INDICATING/RECORDING SYSTEMS</div> 31-30 - Centralized Fault Display System (CFDS) and Data Recording System
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------

31-30-04	Data Management (DMU or FDIMU Data Management function)
----------	---------------------------------------------------------

Ident.: MI-31-30-00007787.0002001 / 18 JUL 12

Applicable to: ALL

31-30-04A

Repair interval	Nbr installed	Nbr required	Placard
C	–	0	No

May be inoperative.

31-30-05	Flight Data Interface (FDIU or FDIMU Flight Data Interface function)
----------	----------------------------------------------------------------------

Ident.: MI-31-30-00007788.0001001 / 21 NOV 17

Applicable to: ALL

31-30-05A

Repair interval	Nbr installed	Nbr required	Placard
–	1	–	No

May be inoperative provided that the DFDR and the QAR  are considered inoperative.
Refer to Item 31-30-03 Digital Flight Data Recorder (DFDR)
Refer to Item 31-30-06 Quick Access Recorder (QAR) (If Installed)

31-30-06	Quick Access Recorder (QAR)
----------	-----------------------------

Ident.: MI-31-30-00007789.0001001 / 03 MAR 21

Applicable to: LY-COB, LY-COD, LY-RAM

31-30-06A

Repair interval	Nbr installed	Nbr required	Placard
–	1	–	–

Refer to Item 31-00-01 QAR MAINTENANCE Message

Note: Failure of QAR is indicated by a MAINTENANCE message on the STATUS SD page.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div> MEL ITEMS 31 - INDICATING/RECORDING SYSTEMS </div> 31-30 - Centralized Fault Display System (CFDS) and Data Recording System
------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------

31-30-07	Printer
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Ident.: MI-31-30-00007790.0001001 / 03 MAR 21

Applicable to: ALL

31-30-07A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 31 - INDICATING/RECORDING SYSTEMS 31-30 - Centralized Fault Display System (CFDS) and Data Recording System
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 31 - INDICATING/RECORDING SYSTEMS 31-38 - Up and Down Data Loading System Acquisition/Interface and Equipment
-------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------

31-38-01	DATA LOADING selector
-----------------	------------------------------

Ident.: MI-31-38-00007791.0001001 / 22 MAR 10

1 Applicable to: ALL

31-38-01A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	Yes

May be inoperative.

31-38-02	Data Loading Routing Box (DLRB)
-----------------	----------------------------------------

Ident.: MI-31-38-00007792.0001001 / 22 MAR 10

2 Applicable to: ALL

31-38-02A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

May be inoperative.

31-38-03	Multipurpose Disk Drive Unit (MDDU)
-----------------	--------------------------------------------

Ident.: MI-31-38-00007793.0001001 / 22 MAR 10

3 Applicable to: ALL

31-38-03A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 31 - INDICATING/RECORDING SYSTEMS 31-38 - Up and Down Data Loading System Acquisition/Interface and Equipment
------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 31 - INDICATING/RECORDING SYSTEMS 31-53 - Flight Warning Computer (FWC)
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------

31-53-01	Flight Warning Computer (FWC)
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Ident.: MI-31-53-00007794.0001001 / 22 MAY 19

Applicable to: ALL

31-53-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) FWC 2 may be inoperative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 31-53-01A Flight Warning Computer (FWC)*

31-53-02	MASTER CAUT Cancel Function
-----------------	------------------------------------

Ident.: MI-31-53-00007795.0001001 / 13 MAY 15

Applicable to: ALL

31-53-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

One may be inoperative.

31-53-03	MASTER WARN Cancel Function
-----------------	------------------------------------

Ident.: MI-31-53-00007796.0001001 / 13 MAY 15

Applicable to: ALL

31-53-03A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

One may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>31 - INDICATING/RECORDING SYSTEMS</div> <div>31-53 - Flight Warning Computer (FWC)</div>
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31-53-04	MASTER CAUT light
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Ident.: MI-31-53-00007797.0001001 / 22 MAR 10

Applicable to: ALL

31-53-04A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

One may be inoperative.

31-53-05	MASTER WARN light
----------	-------------------

Ident.: MI-31-53-00007798.0001001 / 22 MAR 10

Applicable to: ALL

31-53-05A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

One may be inoperative.

31-53-06	Altitude Alert
----------	----------------

Ident.: MI-31-53-00007799.0001001 / 22 MAY 19

Applicable to: ALL

31-53-06A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) One or both may be inoperative provided that one autopilot is operative.

Reference(s)

- (o) Refer to OpsProc 31-53-06A Altitude Alert

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>31 - INDICATING/RECORDING SYSTEMS</div> <div>31-55 - System Data Acquisition Concentrator (SDAC)</div>
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------

31-55-01	System Data Acquisition Concentrator (SDAC)
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Ident.: MI-31-55-00007800.0001001 / 15 SEP 10

Applicable to: ALL

31-55-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

SDAC 2 may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 31 - INDICATING/RECORDING SYSTEMS 31-55 - System Data Acquisition Concentrator (SDAC)
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">31 - INDICATING/RECORDING SYSTEMS</p> <p style="text-align: center;">31-56 - ECAM Control Panel (ECP)</p>
------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

31-56-01	System Page Manual Call pb on the ECP
-----------------	----------------------------------------------

Ident.: MI-31-56-00007801.0001001 / 22 MAR 10

Applicable to: ALL

31-56-01A

Repair interval	Nbr installed	Nbr required	Placard
C	11	0	Yes

One or more may be inoperative.

31-56-02	ALL pb on the ECP
-----------------	--------------------------

Ident.: MI-31-56-00007802.0001001 / 22 MAR 10

Applicable to: ALL

31-56-02A

Repair interval	Nbr installed	Nbr required	Placard
–	1	1	No

Must be operative.

31-56-03	CLR pb on the ECP
-----------------	--------------------------

Ident.: MI-31-56-00007803.0001001 / 22 MAR 10

Applicable to: ALL

31-56-03A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

One may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>31 - INDICATING/RECORDING SYSTEMS</div> <div>31-56 - ECAM Control Panel (ECP)</div>
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------

31-56-04	EMER CANC pb on the ECP
----------	-------------------------

Ident.: MI-31-56-00007804.0001001 / 22 MAR 10

Applicable to: ALL

31-56-04A

Repair interval	Nbr installed	Nbr required	Placard
–	1	1	No

Must be operative.

31-56-05	RCL pb on the ECP
----------	-------------------

Ident.: MI-31-56-00007805.0001001 / 22 MAR 10

Applicable to: ALL

31-56-05A

Repair interval	Nbr installed	Nbr required	Placard
–	1	1	No

Must be operative.

31-56-06	STS pb on the ECP
----------	-------------------

Ident.: MI-31-56-00007806.0001001 / 03 MAY 17

Applicable to: ALL

31-56-06A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(o) May be inoperative.

Reference(s)

(o) Refer to OpsProc 31-56-06A STS pb on the ECP

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>31 - INDICATING/RECORDING SYSTEMS</div> <div>31-56 - ECAM Control Panel (ECP)</div>
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------

31-56-07	T.O CONFIG pb on the ECP
----------	--------------------------

Ident.: MI-31-56-00007807.0001001 / 22 MAY 19

Applicable to: ALL

31-56-07A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative.

Reference(s)

- (o) Refer to OpsProc 31-56-07A T.O CONFIG pb on the ECP

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 31 - INDICATING/RECORDING SYSTEMS 31-56 - ECAM Control Panel (ECP)
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p align="center">MEL ITEMS</p> <p align="center">31 - INDICATING/RECORDING SYSTEMS</p> <p align="center">31-62 - Display Management Computer (DMC)</p>
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------

31-62-01	DMC 1
-----------------	--------------

Ident.: MI-31-62-00007808.0005001 / 22 MAY 19
Applicable to: LY-COD, LY-RAM

31-62-01B

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative provided that:
 - 1) The DMC 2 and DMC 3 are operative, and
 - 2) The ISIS airspeed indication is operative, and
 - 3) The ISIS altitude indication is operative, and
 - 4) The ISIS attitude indication is operative, and
 - 5) The standby compass is operative, and
 - 6) The EIS DMC SWITCHING selector is set to CAPT 3.

_____ Reference(s) _____

- (o) *Refer to OpsProc 31-62-01B DMC 1*

31-62-01	DMC 1
-----------------	--------------

Ident.: MI-31-62-00007808.0002001 / 22 MAY 19
1 Applicable to: LY-COB, LY-ELK, LY-OWL

31-62-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- May be inoperative provided that:
- 1) The DMC 2 and DMC 3 are operative, and
 - 2) The standby IAS indicator is operative, and
 - 3) The standby altimeter is operative, and
 - 4) The standby horizon is operative, and
 - 5) The standby compass is operative, and
 - 6) The EIS DMC SWITCHING selector is set to CAPT 3.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>31 - INDICATING/RECORDING SYSTEMS</div> <div>31-62 - Display Management Computer (DMC)</div>
------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

31-62-01	DMC 1
----------	-------

Ident.: MI-31-62-00007808.0003001 / 22 MAY 19

Applicable to: LY-EMU

31-62-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative provided that:

- 1) The DMC 2 and DMC 3 are operative, and
- 2) The ISIS airspeed indication is operative, and
- 3) The ISIS altitude indication is operative, and
- 4) The ISIS attitude indication is operative, and
- 5) The standby compass is operative, and
- 6) The EIS DMC SWITCHING selector is set to CAPT 3.

31-62-02	DMC 2
----------	-------

Ident.: MI-31-62-00007809.0003001 / 22 MAY 19

 2 Applicable to: LY-COB, LY-ELK, LY-OWL

31-62-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(m) May be inoperative provided that:

- 1) The DMC 1 and DMC 3 are operative, and
- 2) The standby IAS indicator is operative, and
- 3) The standby altimeter is operative, and
- 4) The standby horizon is operative, and
- 5) The standby compass is operative, and
- 6) The EIS DMC SWITCHING selector is set to F/O 3, and
- 7) The AC ESS FEED control is checked operative every day, and
- 8) The AC ESS FEED pb-sw FAULT light is checked operative every day.

_____ Reference(s) _____

(m) Refer to AMM Task 31-68-00-040-005

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 31 - INDICATING/RECORDING SYSTEMS 31-62 - Display Management Computer (DMC)
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------

31-62-02	DMC 2
-----------------	--------------

Ident.: MI-31-62-00007809.0002001 / 22 MAY 19

Applicable to: LY-COD, LY-RAM

31-62-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(o)(m) May be inoperative provided that:

- 1) The DMC 1 and DMC 3 are operative, and
- 2) The ISIS airspeed indication is operative, and
- 3) The ISIS altitude indication is operative, and
- 4) The ISIS attitude indication is operative, and
- 5) The standby compass is operative, and
- 6) The EIS DMC SWITCHING selector is set to F/O 3, and
- 7) The AC ESS FEED control is checked operative every day, and
- 8) The AC ESS FEED pb-sw FAULT light is checked operative every day.

_____ Reference(s) _____

(o) *Refer to OpsProc 31-62-02A DMC 2*

(m) *Refer to AMM Task 31-68-00-040-005*

31-62-02	DMC 2
-----------------	--------------

Ident.: MI-31-62-00007809.0004001 / 22 MAY 19

Applicable to: LY-EMU

31-62-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(m) May be inoperative provided that:

- 1) The DMC 1 and DMC 3 are operative, and
- 2) The ISIS airspeed indication is operative, and
- 3) The ISIS altitude indication is operative, and
- 4) The ISIS attitude indication is operative, and
- 5) The standby compass is operative, and
- 6) The EIS DMC SWITCHING selector is set to F/O 3, and
- 7) The AC ESS FEED control is checked operative every day, and
- 8) The AC ESS FEED pb-sw FAULT light is checked operative every day.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>31 - INDICATING/RECORDING SYSTEMS</div> <div>31-62 - Display Management Computer (DMC)</div>
------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

Reference(s)

(m) Refer to AMM Task 31-68-00-040-005

31-62-03	DMC 3
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Ident.: MI-31-62-00007810.0004001 / 22 MAY 19

Applicable to: LY-COD, LY-RAM

31-62-03B

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative provided that:
- 1) The DMC 1 and DMC 2 are operative, and
 - 2) The ISIS airspeed indication is operative, and
 - 3) The ISIS altitude indication is operative, and
 - 4) The ISIS attitude indication is operative, and
 - 5) The standby compass is operative.

Reference(s)

(o) Refer to OpsProc 31-62-03B DMC 3

31-62-03	DMC 3
----------	-------

Ident.: MI-31-62-00007810.0001001 / 22 MAY 19

3 Applicable to: LY-COB, LY-ELK, LY-OWL

31-62-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- May be inoperative provided that:
- 1) The DMC 1 and DMC 2 are operative, and
 - 2) The standby IAS indicator is operative, and
 - 3) The standby altimeter is operative, and
 - 4) The standby horizon is operative, and
 - 5) The standby compass is operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>31 - INDICATING/RECORDING SYSTEMS</div> <div>31-62 - Display Management Computer (DMC)</div>
------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

31-62-03	DMC 3
----------	-------

Ident.: MI-31-62-00007810.0002001 / 22 MAY 19

Applicable to: LY-EMU

31-62-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- May be inoperative provided that:
- 1) The DMC 1 and DMC 2 are operative, and
 - 2) The ISIS airspeed indication is operative, and
 - 3) The ISIS altitude indication is operative, and
 - 4) The ISIS attitude indication is operative, and
 - 5) The standby compass is operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 31 - INDICATING/RECORDING SYSTEMS 31-62 - Display Management Computer (DMC)
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 31 - INDICATING/RECORDING SYSTEMS 31-63 - Display Unit (DU)
-------------------------------------------------------------	-------------------------------------------------------------------------------------------

31-63-01	PFDU 1
-----------------	---------------

Ident.: MI-31-63-00009664.0001001 / 22 MAR 10

Applicable to: ALL

31-63-01A

Repair interval	Nbr installed	Nbr required	Placard
—	1	1	No

Must be operative.

31-63-02	PFDU 2
-----------------	---------------

Ident.: MI-31-63-00007811.0001001 / 22 MAY 19

Applicable to: ALL

31-63-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that PFDU 1, NDU 1, NDU 2, EWDU and SDU are operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 31-63-02A PFDU 2*

31-63-03	NDU 1
-----------------	--------------

Ident.: MI-31-63-00007812.0001001 / 22 MAY 19

Applicable to: ALL

31-63-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that PFDU 1, PFDU 2, NDU 2, EWDU and SDU are operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 31-63-03A NDU 1*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>31 - INDICATING/RECORDING SYSTEMS</div> <div>31-63 - Display Unit (DU)</div>
------------------------------------------------------	--------------------------------------------------------------------------------------------------------

31-63-04	NDU 2
----------	-------

Ident.: MI-31-63-00007813.0001001 / 22 MAY 19

Applicable to: ALL

31-63-04A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(o) May be inoperative provided that PFDU 1, PFDU 2, NDU 1, EWDU and SDU are operative.

Reference(s)

(o) Refer to OpsProc 31-63-04A NDU 2

31-63-05	SDU
----------	-----

Ident.: MI-31-63-00007814.0001001 / 22 MAY 19

Applicable to: LY-COB, LY-COD, LY-ELK, LY-EMU, LY-OWL

31-63-05A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(o)(m) May be inoperative provided that:

- 1) The PFDU 1, PFDU 2, NDU 1, NDU 2 and EWDU are operative, and
- 2) The AC ESS FEED control is checked operative every day, and
- 3) The AC ESS FEED pb-sw FAULT light is checked operative every day.

Reference(s)

(o) Refer to OpsProc 31-63-05A SDU

(m) Refer to AMM Task 31-68-00-040-006

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>31 - INDICATING/RECORDING SYSTEMS</div> <div>31-63 - Display Unit (DU)</div>
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------

31-63-05	SDU
----------	-----

Ident.: MI-31-63-00007814.0002001 / 22 MAY 19

Applicable to: LY-RAM

31-63-05A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(o)(m) May be inoperative provided that:

- 1) The PFDU 1, PFDU 2, NDU 1, NDU 2 and EWDU are operative, and
- 2) The AC ESS FEED control is checked operative every day, and
- 3) The AC ESS FEED pb-sw FAULT light is checked operative every day, and
- 4) The CDSS is considered inoperative.

Refer to Item 23-72-01 Cockpit Door Surveillance System (CDSS)

Reference(s)

(o) *Refer to OpsProc 31-63-05A SDU*

(m) *Refer to AMM Task 31-68-00-040-006*

31-63-06	EWDU
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Ident.: MI-31-63-00009604.0001001 / 22 MAR 10

Applicable to: ALL

31-63-06A

Repair interval	Nbr installed	Nbr required	Placard
–	1	1	No

Must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 31 - INDICATING/RECORDING SYSTEMS 31-63 - Display Unit (DU)
------------------------------------------------------	-------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">31 - INDICATING/RECORDING SYSTEMS</p> <p style="text-align: center;">31-68 - Switching Panel</p>
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

31-68-01	AIR DATA SWITCHING selector on the Center Pedestal
-----------------	-----------------------------------------------------------

Ident.: MI-31-68-00007815.0001001 / 22 MAR 10

Applicable to: ALL

31-68-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative provided that the AIR DATA SWITCHING selector is set to NORM.

31-68-02	ATT HDG SWITCHING selector on the Center Pedestal
-----------------	----------------------------------------------------------

Ident.: MI-31-68-00007816.0001001 / 22 MAR 10

Applicable to: ALL

31-68-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative provided that the ATT HDG SWITCHING selector is set to NORM.

31-68-03	ECAM/ND XFR SWITCHING selector on the Center Pedestal
-----------------	--------------------------------------------------------------

Ident.: MI-31-68-00007817.0001001 / 22 MAY 19

Applicable to: ALL

31-68-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative provided that:

- 1) Both ECAM DU are operative, and
- 2) The ECAM/ND XFR SWITCHING selector is set to NORM.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>31 - INDICATING/RECORDING SYSTEMS</div> <div>31-68 - Switching Panel</div>
------------------------------------------------------	------------------------------------------------------------------------------------------------------

31-68-04	EIS DMC SWITCHING selector on the Center Pedestal
----------	---------------------------------------------------

Ident.: MI-31-68-00007818.0001001 / 22 MAR 10

Applicable to: ALL

31-68-04A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative provided that the EIS DMC SWITCHING selector is set to NORM.

31-68-05	PFD/ND XFR pb on the Lateral Instrument Panel
----------	-----------------------------------------------

Ident.: MI-31-68-00007819.0001001 / 22 MAY 19

Applicable to: ALL

31-68-05A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

- (o) One or both may be inoperative provided that:
- 1) The PFD and ND units are operative, and
 - 2) The PFD to ND automatic switching is checked operative on the PF side before each flight.

_____ Reference(s) _____

- (o) *Refer to OpsProc 31-68-05A PFD/ND XFR pb on the Lateral Instrument Panel*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-07 - Indications on the WHEEL SD page
-------------------------------------------------------------	------------------------------------------------------------------------------------------

32-07-01	Brakes Temperature Indication on the <u>WHEEL</u> SD page
----------	------------------------------------------------------------------

Ident.: MI-32-07-00007761.0001001 / 22 MAY 19

Applicable to: ALL

32-07-01A BRAKES HOT alert not displayed

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	No

- (o) One or more may be inoperative provided that the ground brake cooling time is applied.

_____ Reference(s) _____

- (o) Refer to OpsProc 32-07-01A Brakes Temperature Indication on the WHEEL SD page

32-07-01B BRAKES HOT alert displayed

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	No

- (o)(m) One or more may be inoperative provided that:

- 1) The associated sensor is deactivated if the BRAKES HOT alert is displayed on the EWD,
and
- 2) The ground brake cooling time is applied.

_____ Reference(s) _____

- (o) Refer to OpsProc 32-07-01B Brakes Temperature Indication on the WHEEL SD page

- (m) Refer to AMM Task 32-47-00-040-001

32-07-02	L/G Position Indication on the <u>WHEEL</u> SD page
----------	------------------------------------------------------------

Ident.: MI-32-07-00007762.0001001 / 22 MAY 19

Applicable to: ALL

32-07-02A

Repair interval	Nbr installed	Nbr required	Placard
C	6	0	No

One or more may be inoperative provided that the L/G gear position indications are operative on the LDG GEAR indicator panel.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-07 - Indications on the <u>WHEEL</u> SD page
------------------------------------------------------	-------------------------------------------------------------------------------------------------

32-07-03	L/G Doors Position Indication on the <u>WHEEL</u> SD page
-----------------	------------------------------------------------------------------

Ident.: MI-32-07-00007763.0001001 / 22 MAY 19

Applicable to: ALL

32-07-03A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	No

(o) One or more may be inoperative.

_____ Reference(s) _____

(o) *Refer to OpsProc 32-07-03A L/G Doors Position Indication on the WHEEL SD page*

32-07-04	L/G CTL Indication on the <u>WHEEL</u> SD page
-----------------	-------------------------------------------------------

Ident.: MI-32-07-00007764.0001001 / 22 MAR 10

Applicable to: ALL

32-07-04A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative.

32-07-05	UP LOCK Indication on the <u>WHEEL</u> SD page
-----------------	-------------------------------------------------------

Ident.: MI-32-07-00007765.0001001 / 22 MAR 10

Applicable to: ALL

32-07-05A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	No

One or more may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 32 - LANDING GEAR 32-07 - Indications on the <u>WHEEL</u> SD page</p>
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------

32-07-06	[Y] N/W STEERING Indication on the <u>WHEEL</u> SD page
-----------------	----------------------------------------------------------------

Ident.: MI-32-07-00007766.0002001 / 22 MAR 10

Applicable to: LY-COD, LY-RAM

32-07-06A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative.

32-07-08	ANTI SKID Indication on the <u>WHEEL</u> SD page
-----------------	---------------------------------------------------------

Ident.: MI-32-07-00007768.0001001 / 22 MAR 10

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

32-07-08A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative.

32-07-08	ANTI SKID, [1], [2] Indication on the <u>WHEEL</u> SD page
-----------------	-------------------------------------------------------------------

Ident.: MI-32-07-00007768.0003001 / 22 MAR 10

Applicable to: LY-COD, LY-RAM

32-07-08A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	No

One or more may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 32 - LANDING GEAR 32-07 - Indications on the <u>WHEEL</u> SD page</p>
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------

32-07-09	AUTO BRK Indication on the <u>WHEEL</u> SD page
-----------------	--------------------------------------------------------

Ident.: MI-32-07-00007769.0001001 / 22 MAR 10

Applicable to: **ALL**

32-07-09A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative.

32-07-10	[G] NORM BRK Indication on the <u>WHEEL</u> SD page
-----------------	------------------------------------------------------------

Ident.: MI-32-07-00007770.0002001 / 22 MAR 10

Applicable to: **LY-COD, LY-RAM**

32-07-10A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative.

32-07-11	Release Brake Indication on the <u>WHEEL</u> SD page
-----------------	-------------------------------------------------------------

Ident.: MI-32-07-00007771.0001001 / 22 MAR 10

Applicable to: **ALL**

32-07-11A

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	No

One or more may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>32 - LANDING GEAR</div> <div>32-07 - Indications on the WHEEL SD page</div>
------------------------------------------------------	-------------------------------------------------------------------------------------------------------

32-07-12	<div>ACCU PRESS/ACCU ONLY Indication on the <u>WHEEL</u> SD page</div>
----------	------------------------------------------------------------------------

Ident.: MI-32-07-00007772.0002001 / 22 MAR 10

Applicable to: LY-COD, LY-RAM

32-07-12A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative.

32-07-13	<div>[Y] ALTN BRK Indication on the <u>WHEEL</u> SD page</div>
----------	----------------------------------------------------------------

Ident.: MI-32-07-00007773.0002001 / 22 MAR 10

Applicable to: LY-COD, LY-RAM

32-07-13A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-07 - Indications on the WHEEL SD page
------------------------------------------------------	------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-09 - ECAM Alerts
------------------------------------------------------	---------------------------------------------------------------------

32-09-01	BRAKES-N/WS MINOR FAULT Alert
-----------------	--------------------------------------

Ident.: MI-32-09-00007774.0005001 / 22 MAY 19

Applicable to: LY-COD, LY-RAM

32-09-01A Fault on an alternate braking system pressure transducer

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	No

May be displayed provided that:

- 1) The alert is confirmed to be caused by a fault on an alternate braking system pressure transducer by troubleshooting, and
- 2) The associated BRAKES pressure indicator is considered inoperative.

Refer to Item 32-44-03 BRAKES Pressure Indicator

32-09-01C Both BRAKES pressure indicators operative

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	No

(o)(m) May be displayed provided that:

- 1) Both BRAKES pressure indicators are operative, and
- 2) The alternate braking system is checked operative before the first flight of each day, and
- 3) It is checked before each flight that the CFDS failure message related to the **BRAKES-N/WS MINOR FAULT** alert do not report a fault on a normal or an alternate pressure transducer.

_____ Reference(s) _____

(o) *Refer to OpsProc 32-09-01C BRAKES-N/WS MINOR FAULT Alert (Alternate braking checked operative)*

(m) *Refer to AMM Task 32-46-00-040-001*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-09 - ECAM Alerts
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-11 - Main Gear
------------------------------------------------------	-------------------------------------------------------------------

32-11-01	Main Gear Torque Link Damper
-----------------	-------------------------------------

Ident.: MI-32-11-00007682.0002001 / 22 MAR 10

Applicable to: ALL

32-11-01A

Repair interval	Nbr installed	Nbr required	Placard
A	2	0	No

One or both may be inoperative for 7 flights.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-11 - Main Gear
------------------------------------------------------	-------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>32 - LANDING GEAR</div> <div>32-12 - Main Gear Doors</div>
------------------------------------------------------	--------------------------------------------------------------------------------------

32-12-01	Main Gear Door Ground Opening Cable
----------	-------------------------------------

Ident.: MI-32-12-00007686.0001001 / 27 JUN 11

Applicable to: ALL

32-12-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

(m) One or both may be broken or missing.

_____ Reference(s) _____

(m) *Refer to AMM 32-12-00-040-006*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-12 - Main Gear Doors
------------------------------------------------------	-------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 32 - LANDING GEAR 32-31 - Normal Extension and Retraction</p>
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

32-31-01	Landing Gear Control and Interface Unit (LGCIU)
-----------------	--------------------------------------------------------

Ident.: MI-32-31-00007688.0002001 / 22 MAY 19

Applicable to: ALL

32-31-01A

Repair interval	Nbr installed	Nbr required	Placard
A	2	1	No

- (o) The LGCIU 2 may be inoperative for 7 flights provided that:
- 1) All ELACs, SECs, SFCCs, RAs, FACs, and ADIRSs are operative, and
 - 2) Both air conditioning packs are operative, and
 - 3) The FLEX Takeoff Mode is not used, and
 - 4) The operation of avionics equipment is time limited on ground.

_____ Reference(s) _____

- (o) *Refer to OpsProc 32-31-01A Landing Gear Control and Interface Unit (LGCIU)*

32-31-02	Landing Gear Retracting System
-----------------	---------------------------------------

Ident.: MI-32-31-00007690.0001001 / 22 MAY 19

Applicable to: ALL

32-31-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o)(m) May be inoperative provided that:
- 1) ETOPS is not conducted, and
 - 2) The aircraft is operated in accordance with the Flight Manual supplement for the flight with landing gear down.

_____ Reference(s) _____

- (o) *Refer to OpsProc 32-31-02A Landing Gear Retracting System*

- (m) *Refer to AMM Task 32-31-00-040-803*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-31 - Normal Extension and Retraction
------------------------------------------------------	-----------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p align="center">MEL ITEMS</p> <p align="center">32 - LANDING GEAR</p> <p align="center">32-32 - Proximity Detector System</p>
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------

32-32-01	LGCIU 1 Proximity Detector
-----------------	-----------------------------------

Ident.: MI-32-32-00007693.0001001 / 22 MAR 10

Applicable to: ALL

32-32-01A

Repair interval	Nbr installed	Nbr required	Placard
—	16	16	No

All must be operative.

32-32-02	LGCIU 2 RH L/G Shock Absorber Proximity Detector
-----------------	---------------------------------------------------------

Ident.: MI-32-32-00007694.0001001 / 22 MAY 19

Applicable to: ALL

32-32-02A

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

(o) (m) May be inoperative for 7 flights provided that:

- 1) Both radio altimeters are operative, and
- 2) The other proximity detectors are operative, and
- 3) The origin of the failure is checked to be electrical.

_____ Reference(s) _____

(o) Refer to OpsProc 32-32-02A LGCIU 2 RH L/G Shock Absorber Proximity Detector

(m) Refer to AMM Task 32-31-00-040-003

32-32-02B

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

May be inoperative for 7 flights provided that the LGCIU 2 is considered inoperative.

Refer to Item 32-31-01 Landing Gear Control and Interface Unit (LGCIU)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-32 - Proximity Detector System
-------------------------------------------------------------	-----------------------------------------------------------------------------------

32-32-03	LGCIU 2 LH L/G Shock Absorber Proximity Detector
-----------------	---------------------------------------------------------

Ident.: MI-32-32-00007695.0001001 / 22 MAY 19

Applicable to: ALL

32-32-03A

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

(o) (m) May be inoperative for 7 flights provided that:

- 1) Both radio altimeters are operative, and
- 2) The other proximity detectors are operative, and
- 3) The origin of the failure is checked to be electrical.

_____ Reference(s) _____

(o) *Refer to OpsProc 32-32-03A LGCIU 2 LH L/G Shock Absorber Proximity Detector*

(m) *Refer to AMM Task 32-31-00-040-003*

32-32-03B

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

May be inoperative for 7 flights provided that the LGCIU 2 is considered inoperative.

Refer to Item 32-31-01 Landing Gear Control and Interface Unit (LGCIU)

32-32-04	LGCIU 2 Nose L/G Shock Absorber Proximity Detector
-----------------	-----------------------------------------------------------

Ident.: MI-32-32-00007696.0001001 / 22 MAY 19

Applicable to: ALL

32-32-04A Other proximity detectors operative

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

(o) (m) May be inoperative for 7 flights provided that:

- 1) The other proximity detectors are operative, and
- 2) The origin of the failure is checked to be electrical.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 32 - LANDING GEAR 32-32 - Proximity Detector System</p>
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

_____ Reference(s) _____

- (o) Refer to OpsProc 32-32-04A LGCIU 2 Nose L/G Shock Absorber Proximity Detector
(m) Refer to AMM Task 32-31-00-040-003

32-32-04B LGCIU 2 considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

May be inoperative for 7 flights provided that the LGCIU 2 is considered inoperative.
Refer to Item 32-31-01 Landing Gear Control and Interface Unit (LGCIU)

32-32-05	LGCIU 2 RH L/G Down Lock Proximity Detector
-----------------	----------------------------------------------------

Ident.: MI-32-32-00007699.0001001 / 22 MAY 19

Applicable to: ALL

32-32-05A Other proximity detectors operative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o)(m) May be inoperative provided that:
- 1) The other proximity detectors are operative, and
 - 2) The origin of the failure is checked to be electrical.

_____ Reference(s) _____

- (o) Refer to OpsProc 32-32-05A LGCIU 2 RH L/G Down Lock Proximity Detector
(m) Refer to AMM Task 32-31-00-040-003

32-32-05B LGCIU 2 considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

May be inoperative for 7 flights provided that the LGCIU 2 is considered inoperative.
Refer to Item 32-31-01 Landing Gear Control and Interface Unit (LGCIU)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 32 - LANDING GEAR 32-32 - Proximity Detector System</p>
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------

32-32-06	LGCIU 2 LH L/G Down Lock Proximity Detector
-----------------	----------------------------------------------------

Ident.: MI-32-32-00007700.0001001 / 22 MAY 19

Applicable to: ALL

32-32-06A Other proximity detectors operative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(o) (m) May be inoperative provided that:

- 1) The other proximity detectors are operative, and
- 2) The origin of the failure is checked to be electrical.

_____ Reference(s) _____

(o) *Refer to OpsProc 32-32-06A LGCIU 2 LH L/G Down Lock Proximity Detector*

(m) *Refer to AMM Task 32-31-00-040-003*

32-32-06B LGCIU 2 considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

May be inoperative for 7 flights provided that the LGCIU 2 is considered inoperative.

Refer to Item 32-31-01 Landing Gear Control and Interface Unit (LGCIU)

32-32-07	LGCIU 2 Nose L/G Down Lock Proximity Detector
-----------------	------------------------------------------------------

Ident.: MI-32-32-00007701.0001001 / 22 MAY 19

Applicable to: ALL

32-32-07A Other proximity detectors operative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(o) (m) May be inoperative provided that:

- 1) The other proximity detectors are operative, and
- 2) The origin of the failure is checked to be electrical.

_____ Reference(s) _____

(o) *Refer to OpsProc 32-32-07A LGCIU 2 Nose L/G Down Lock Proximity Detector*

(m) *Refer to AMM Task 32-31-00-040-003*

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL ITEMS 32 - LANDING GEAR 32-32 - Proximity Detector System </div>
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

32-32-07B LGCIU 2 considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

May be inoperative for 7 flights provided that the LGCIU 2 is considered inoperative.

Refer to Item 32-31-01 Landing Gear Control and Interface Unit (LGCIU)

32-32-08	LGCIU 2 RH L/G Up Lock Proximity Detector
-----------------	--------------------------------------------------

Ident.: MI-32-32-00007702.0001001 / 22 MAY 19

Applicable to: ALL

32-32-08A Other proximity detectors operative

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

(o)(m) May be inoperative for 7 flights provided that:

- 1) The other proximity detectors are operative, and
- 2) The origin of the failure is checked to be electrical.

_____ Reference(s) _____

(o) *Refer to OpsProc 32-32-08A LGCIU 2 RH L/G Up Lock Proximity Detector*

(m) *Refer to AMM Task 32-31-00-040-003*

32-32-08B LGCIU 2 considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

May be inoperative for 7 flights provided that the LGCIU 2 is considered inoperative.

Refer to Item 32-31-01 Landing Gear Control and Interface Unit (LGCIU)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-32 - Proximity Detector System
------------------------------------------------------	-----------------------------------------------------------------------------------

32-32-09	LGCIU 2 LH L/G Up Lock Proximity Detector
-----------------	--------------------------------------------------

Ident.: MI-32-32-00007712.0001001 / 22 MAY 19

Applicable to: ALL

32-32-09A Other proximity detectors operative

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

(o) (m) May be inoperative for 7 flights provided that:

- 1) The other proximity detectors are operative, and
- 2) The origin of the failure is checked to be electrical.

_____ Reference(s) _____

(o) *Refer to OpsProc 32-32-09A LGCIU 2 LH L/G Up Lock Proximity Detector*

(m) *Refer to AMM Task 32-31-00-040-003*

32-32-09B LGCIU 2 considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

May be inoperative for 7 flights provided that the LGCIU 2 is considered inoperative.

Refer to Item 32-31-01 Landing Gear Control and Interface Unit (LGCIU)

32-32-10	LGCIU 2 Nose L/G Up Lock Proximity Detector
-----------------	----------------------------------------------------

Ident.: MI-32-32-00007726.0001001 / 22 MAY 19

Applicable to: ALL

32-32-10A Other proximity detectors operative

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

(o) (m) May be inoperative for 7 flights provided that:

- 1) The other proximity detectors are operative, and
- 2) The origin of the failure is checked to be electrical.

_____ Reference(s) _____

(o) *Refer to OpsProc 32-32-10A LGCIU 2 Nose L/G Up Lock Proximity Detector*

(m) *Refer to AMM Task 32-31-00-040-003*

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL ITEMS 32 - LANDING GEAR 32-32 - Proximity Detector System </div>
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

32-32-10B LGCIU 2 considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

May be inoperative for 7 flights provided that the LGCIU 2 is considered inoperative.

Refer to Item 32-31-01 Landing Gear Control and Interface Unit (LGCIU)

32-32-11	LGCIU 2 RH L/G Doors Open Proximity Detector
-----------------	-----------------------------------------------------

Ident.: MI-32-32-00007727.0001001 / 22 MAY 19

Applicable to: ALL

32-32-11A Other proximity detectors operative

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

(o)(m) May be inoperative for 7 flights provided that:

- 1) The other proximity detectors are operative, and
- 2) The origin of the failure is checked to be electrical.

_____ Reference(s) _____

(o) *Refer to OpsProc 32-32-11A LGCIU 2 RH L/G Doors Open Proximity Detector*

(m) *Refer to AMM Task 32-31-00-040-003*

32-32-11B LGCIU 2 considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

May be inoperative for 7 flights provided that the LGCIU 2 is considered inoperative.

Refer to Item 32-31-01 Landing Gear Control and Interface Unit (LGCIU)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>32 - LANDING GEAR</div> <div>32-32 - Proximity Detector System</div>
------------------------------------------------------	------------------------------------------------------------------------------------------------

32-32-12	LGCIU 2 LH L/G Doors Open Proximity Detector
----------	----------------------------------------------

Ident.: MI-32-32-00007728.0001001 / 22 MAY 19

Applicable to: ALL

32-32-12A Other proximity detectors operative

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

- (o) (m) May be inoperative for 7 flights provided that:
- 1) The other proximity detectors are operative, and
 - 2) The origin of the failure is checked to be electrical.

Reference(s)

- (o) Refer to OpsProc 32-32-12A LGCIU 2 LH L/G Doors Open Proximity Detector
- (m) Refer to AMM Task 32-31-00-040-003

32-32-12B LGCIU 2 considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

May be inoperative for 7 flights provided that the LGCIU 2 is considered inoperative.

Refer to Item 32-31-01 Landing Gear Control and Interface Unit (LGCIU)

32-32-13	LGCIU 2 Nose L/G Doors Open Proximity Detector
----------	------------------------------------------------

Ident.: MI-32-32-00007729.0001001 / 22 MAY 19

Applicable to: ALL

32-32-13A Other proximity detectors operative

Repair interval	Nbr installed	Nbr required	Placard
A	2	0	No

- (o) (m) One or both may be inoperative for 7 flights provided that:
- 1) The other proximity detectors are operative, and
 - 2) The origin of the failure is checked to be electrical.

Reference(s)

- (o) Refer to OpsProc 32-32-13A LGCIU 2 Nose L/G Doors Open Proximity Detector
- (m) Refer to AMM Task 32-31-00-040-003

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-32 - Proximity Detector System
-------------------------------------------------------------	-----------------------------------------------------------------------------------

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32-32-13B LGCIU 2 considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	2	0	No

One or both may be inoperative for 7 flights provided that the LGCIU 2 is considered inoperative.

Refer to Item 32-31-01 Landing Gear Control and Interface Unit (LGCIU)

32-32-14	LGCIU 2 RH L/G Doors Closed Proximity Detector
-----------------	-------------------------------------------------------

Ident.: MI-32-32-00007730.0001001 / 22 MAY 19

Applicable to: ALL

32-32-14A Other proximity detectors operative

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

(o)(m) May be inoperative for 7 flights provided that:

- 1) The other proximity detectors are operative, and
- 2) The origin of the failure is checked to be electrical.

_____ Reference(s) _____

(o) *Refer to OpsProc 32-32-14A LGCIU 2 RH L/G Doors Closed Proximity Detector*

(m) *Refer to AMM Task 32-31-00-040-003*

32-32-14B LGCIU 2 considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

May be inoperative for 7 flights provided that the LGCIU 2 is considered inoperative.

Refer to Item 32-31-01 Landing Gear Control and Interface Unit (LGCIU)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 32 - LANDING GEAR 32-32 - Proximity Detector System</p>
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------

32-32-15	LGCIU 2 LH L/G Doors Closed Proximity Detector
-----------------	-------------------------------------------------------

Ident.: MI-32-32-00007731.0001001 / 22 MAY 19

Applicable to: ALL

32-32-15A Other proximity detectors operative

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

(o) (m) May be inoperative for 7 flights provided that:

- 1) The other proximity detectors are operative, and
- 2) The origin of the failure is checked to be electrical.

_____ Reference(s) _____

(o) *Refer to OpsProc 32-32-15A LGCIU 2 LH L/G Doors Closed Proximity Detector*

(m) *Refer to AMM Task 32-31-00-040-003*

32-32-15B LGCIU 2 considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

May be inoperative for 7 flights provided that the LGCIU 2 is considered inoperative.

Refer to Item 32-31-01 Landing Gear Control and Interface Unit (LGCIU)

32-32-16	LGCIU 2 Nose L/G Doors Closed Proximity Detector
-----------------	---------------------------------------------------------

Ident.: MI-32-32-00007732.0001001 / 22 MAY 19

Applicable to: ALL

32-32-16A Other proximity detectors operative

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

(o) (m) May be inoperative for 7 flights provided that:

- 1) The other proximity detectors are operative, and
- 2) The origin of the failure is checked to be electrical.

_____ Reference(s) _____

(o) *Refer to OpsProc 32-32-16A LGCIU 2 Nose L/G Doors Closed Proximity Detector*

(m) *Refer to AMM Task 32-31-00-040-003*

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div> MEL ITEMS 32 - LANDING GEAR 32-32 - Proximity Detector System </div>
------------------------------------------------------	----------------------------------------------------------------------------

Continued from the previous page

32-32-16B LGCIU 2 considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

May be inoperative for 7 flights provided that the LGCIU 2 is considered inoperative.
Refer to Item 32-31-01 Landing Gear Control and Interface Unit (LGCIU)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-32 - Proximity Detector System
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>32 - LANDING GEAR</div> <div>32-33 - Free Fall Extension</div>
------------------------------------------------------	------------------------------------------------------------------------------------------

32-33-01	Landing Gear Gravity Extension System
----------	---------------------------------------

Ident.: MI-32-33-00007734.0001001 / 22 MAY 19

Applicable to: ALL

32-33-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o)(m) May be inoperative provided that:
- 1) ETOPS is not conducted, and

2) The aircraft is operated in accordance with the Flight Manual supplement for the flight with landing gear down.

Reference(s)

- (o) Refer to OpsProc 32-33-01A Landing Gear Gravity Extension System
- (m) Refer to AMM Task 32-31-00-040-802

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-33 - Free Fall Extension
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-41 - Wheels
------------------------------------------------------	----------------------------------------------------------------

32-41-01	Nose Wheel Tie Bolt
-----------------	----------------------------

Ident.: MI-32-41-00007735.0001001 / 13 MAY 20

Applicable to: ALL

32-41-01A

Repair interval	Nbr installed	Nbr required	Placard
A	12	11	No

(m) One tie bolt on one wheel may be broken or missing for 15 flights provided that:

- 1) The affected wheel tie bolt is removed, and
- 2) The affected wheel is checked for absence of damage.

_____ Reference(s) _____

(m) *Refer to AMM 32-41-00-040-002*

32-41-02	Main Wheel Tie Bolt
-----------------	----------------------------

Ident.: MI-32-41-00007736.0001001 / 13 MAY 20

Applicable to: ALL

32-41-02A

Repair interval	Nbr installed	Nbr required	Placard
A	18	17	No

(m) One tie bolt on one wheel may be broken or missing for 15 flights provided that:

- 1) The affected wheel tie bolt is removed, and
- 2) The affected wheel and the associated brake are checked for absence of damage.

_____ Reference(s) _____

(m) *Refer to AMM Task 32-41-00-040-003*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-41 - Wheels
------------------------------------------------------	----------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-42 - Normal Braking
-------------------------------------------------------------	------------------------------------------------------------------------

32-42-01	Main Wheel Brake
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Ident.: MI-32-42-00007737.0001001 / 22 MAY 19

Applicable to: ALL

32-42-01A

Repair interval	Nbr installed	Nbr required	Placard
C	4	3	No

(o) (m) One may be inoperative provided that:

- 1) The nose wheel steering is operative, and
- 2) Both thrust reversers are operative, and
- 3) The green and yellow systems are operative on operative brakes, and
- 4) The affected brake is deactivated or removed, and
- 5) The runway width at departure and arrival airports is at least 45 m, and
- 6) The Flight Manual performance penalties are applied, and
- 7) The AUTO/BRK function is considered inoperative.

Refer to Item 32-42-05 AUTO/BRK Function

_____ Reference(s) _____

(o) *Refer to OpsProc 32-42-01A Main Wheel Brake*

(m) *Refer to AMM Task 32-42-00-040-003*

32-42-02	Green System Brake
-----------------	---------------------------

Ident.: MI-32-42-00007738.0001001 / 22 MAY 19

Applicable to: ALL

32-42-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	1	No

(o) (m) Braking on one wheel may be inoperative provided that:

- 1) The nose wheel steering is operative, and
- 2) Both thrust reversers are operative, and
- 3) The green hydraulic supply of affected brake is deactivated, and
- 4) The runway width at departure and arrival airports is at least 45 m, and
- 5) The Flight Manual performance penalties are applied.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-42 - Normal Braking
-------------------------------------------------------------	------------------------------------------------------------------------

Continued from the previous page

Reference(s)

- (o) Refer to OpsProc 32-42-02A Green System Brake
- (m) Refer to AMM Task 32-42-00-040-002

32-42-03	Braking/Steering Control Unit (BSCU) System 1
-----------------	------------------------------------------------------

Ident.: MI-32-42-00007739.0002001 / 22 MAY 19

Applicable to: ALL

32-42-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (m) May be inoperative provided that:
 - 1) The BSCU system 2 is operative, and
 - 2) The affected system is deactivated, and
 - 3) It is checked that the CFDS does not report a fault related to the **L/G SYS DISAGREE** alert before each flight, and
 - 4) The AUTO/BRK (LO, MED, MAX) pb-sw DECEL light and the AUTO/BRK (LO, MED, MAX) pb-sw ON light are considered inoperative.
 Refer to Item 32-42-08 AUTO/BRK (LO, MED, MAX) pb-sw DECEL light, and
 Refer to Item 32-42-09 AUTO/BRK (LO, MED, MAX) pb-sw ON light

Reference(s)

- (m) Refer to AMM Task 32-42-00-040-007

32-42-04	Braking/Steering Control Unit (BSCU) System 2
-----------------	------------------------------------------------------

Ident.: MI-32-42-00007740.0002001 / 22 MAR 10

Applicable to: ALL

32-42-04A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (m) May be inoperative provided that:
 - 1) The affected system is deactivated, and
 - 2) It is checked that the CFDS does not report a fault related to the **L/G SYS DISAGREE** alert before each flight.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-42 - Normal Braking
------------------------------------------------------	------------------------------------------------------------------------

Continued from the previous page

Reference(s)

(m) Refer to AMM 32-42-00-040-007

32-42-05	AUTO/BRK Function
-----------------	--------------------------

Ident.: MI-32-42-00007741.0001001 / 22 MAY 19

Applicable to: ALL

32-42-05A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(o) May be inoperative.

Reference(s)

(o) Refer to OpsProc 32-42-05A AUTO/BRK Function

32-42-06	Tachometer
-----------------	-------------------

Ident.: MI-32-42-00007742.0003001 / 22 MAY 19

Applicable to: LY-COB

32-42-06B BSCU standard L4.9B P/Ns E21327006 / E21327106 installed by interchangeability

Repair interval	Nbr installed	Nbr required	Placard
–	4	4	No

Must be operative.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-42 - Normal Braking
-------------------------------------------------------------	------------------------------------------------------------------------

Continued from the previous page

32-42-06C No BSCU standard L4.9B P/Ns E21327006 / E21327106 installed by interchangeability

Repair interval	Nbr installed	Nbr required	Placard
C	4	3	No

- (o) One may be inoperative provided that:
- 1) Both LGCIUs are operative, and
 - 2) All SECs are operative, and
 - 3) All ground spoilers are operative, and
 - 4) The crosswind component is below 10 kt at departure airport and below 15 kt at arrival airport, and
 - 5) The takeoff runway state is no more than wet, and
 - 6) The Flight Manual Performance penalties are applied, and
 - 7) BSCU L4.9B (P/Ns E21327006 / E21327106) has not been installed by interchangeability, and
 - 8) The affected brake is considered inoperative
- Refer to Item 32-42-01 Main Wheel Brake*

Note: The BSCU standard P/N can be checked by AMM TASK 32-46-00-740-003-A BITE Test of the BSCU - LRU Identification.

_____ Reference(s) _____

- (o) *Refer to OpsProc 32-42-06C Tachometer*

32-42-06	Tachometer
-----------------	-------------------

Ident.: MI-32-42-00007742.0001001 / 22 MAR 10

Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

32-42-06B

Repair interval	Nbr installed	Nbr required	Placard
–	4	4	No

Must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-42 - Normal Braking
------------------------------------------------------	------------------------------------------------------------------------

32-42-07	Nose Landing Gear Wheel Brake Pad
-----------------	------------------------------------------

Ident.: MI-32-42-00007743.0001001 / 27 JUN 11

2 Applicable to: LY-COB

32-42-07A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

(m) One or both may be inoperative provided that they are removed.

_____ Reference(s) _____

(m) *Refer to AMM 32-42-00-040-006*

32-42-08	AUTO/BRK (LO, MED, MAX) pb-sw DECEL light
-----------------	--------------------------------------------------

Ident.: MI-32-42-00007744.0001001 / 22 MAR 10

Applicable to: ALL

32-42-08A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

One or more may be inoperative.

32-42-09	AUTO/BRK (LO, MED, MAX) pb-sw ON light
-----------------	-----------------------------------------------

Ident.: MI-32-42-00007745.0001001 / 22 MAY 19

Applicable to: ALL

32-42-09A AUTO/BRK mode arming displayed on the WHEEL SD page

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

One or more may be inoperative provided that, when appropriate, the associated AUTO/BRK mode arming is displayed on the WHEEL SD page.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>32 - LANDING GEAR</div> <div>32-42 - Normal Braking</div>
------------------------------------------------------	-------------------------------------------------------------------------------------

Continued from the previous page

32-42-09B AUTO/BRK function considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

One or more may be inoperative provided that the AUTO/BRK function is considered inoperative.

Refer to Item 32-42-05 AUTO/BRK Function

32-42-27	Brake Wear Pins
----------	-----------------

Ident.: MI-32-42-20800036.9001001 / 13 MAY 20

Applicable to: ALL

32-42-27A

Repair interval	Nbr installed	Nbr required	Placard
D	8	7	No

- (m) One pin on one brake may be damaged or missing:
- 1) If one wear pin is missing, the brake is serviceable if the remaining wear pin is in the limits
2) If two wear pins are missing, brake must be deactivated

Reference(s)

(m) Refer to AMM Task 32-42-27-210-056

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-44 - Alternate Braking
------------------------------------------------------	---------------------------------------------------------------------------

32-44-01	Yellow System Brake
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Ident.: MI-32-44-00007746.0001001 / 22 MAY 19

Applicable to: ALL

32-44-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	1	No

- (m) Braking on one wheel may be inoperative provided that:
 - 1) Both thrust reversers are operative, and
 - 2) The yellow hydraulic supply of the affected brake is deactivated.

Reference(s)

- (m) Refer to AMM Task 32-43-00-040-001

32-44-02	ACCU PRESS Indicator
----------	----------------------

Ident.: MI-32-44-00007747.0001001 / 22 MAY 19

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

32-44-02A BRAKES pressure indicator operative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that:
 - 1) Both BRAKES pressure indicators are operative, and
 - 2) The pressure on both BRAKES pressure indicators is checked with parking brake ON before each flight.

Reference(s)

- (o) Refer to OpsProc 32-44-02A ACCU PRESS Indicator (with Brakes Pressure Indicator Operative)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-44 - Alternate Braking
------------------------------------------------------	---------------------------------------------------------------------------

32-44-02	ACCU PRESS Indicator
-----------------	-----------------------------

Ident.: MI-32-44-00007747.0002001 / 22 MAY 19

Applicable to: LY-COD, LY-RAM

32-44-02A BRAKES pressure indicator operative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that:
 - 1) Both BRAKES pressure indicators are operative, and
 - 2) The pressure on both BRAKES pressure indicators is checked with parking brake ON before each flight.

Reference(s)

- (o) *Refer to OpsProc 32-44-02A ACCU PRESS Indicator (with Brakes Pressure Indicator Operative)*

32-44-02B Checks on WHEEL SD page

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that:
 - 1) The ACCU PRESS/ACCU ONLY indication is operative on the WHEEL SD page, and
 - 2) The hydraulic pressure of the brake accumulator is checked on the WHEEL SD page before each flight.

Reference(s)

- (o) *Refer to OpsProc 32-44-02B ACCU PRESS Indicator (with WHEEL SD page)*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-44 - Alternate Braking
------------------------------------------------------	---------------------------------------------------------------------------

32-44-03	BRAKES Pressure Indicator
-----------------	----------------------------------

Ident.: MI-32-44-00007748.0002001 / 22 MAY 19

Applicable to: ALL

32-44-03A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative provided that the BSCU system 1 and the BSCU system 2 are operative.

32-44-04	Alternate Braking Control Unit (ABCU)
-----------------	----------------------------------------------

Ident.: MI-32-44-00007749.0003001 / 22 MAR 10

Applicable to: LY-COD, LY-RAM

32-44-04A

Repair interval	Nbr installed	Nbr required	Placard
–	1	1	No

Must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-44 - Alternate Braking
------------------------------------------------------	---------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>32 - LANDING GEAR</div> <div>32-45 - Parking/Ultime Emergency Braking</div>
------------------------------------------------------	-------------------------------------------------------------------------------------------------------

32-45-01	Parking Brake Control Valve Electrical Motor
----------	----------------------------------------------

Ident.: MI-32-45-00007750.0001001 / 22 MAY 19

Applicable to: ALL

32-45-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (m) One may be inoperative provided that:
- 1) Both thrust reversers are operative, and

2) The aircraft is not towed if the STBY motor is affected and when the batteries supply the aircraft.

Reference(s)

- (m) Refer to AMM Task 32-45-00-040-001

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-45 - Parking/Ultimate Emergency Braking
------------------------------------------------------	--------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>32 - LANDING GEAR</div> <div>32-47 - Brake Temperature System</div>
------------------------------------------------------	-----------------------------------------------------------------------------------------------

32-47-01	Brake Temperature Monitoring Unit (BTMU)
----------	------------------------------------------

Ident.: MI-32-47-00007751.0001001 / 22 MAY 19

Applicable to: ALL

32-47-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) One or both may be inoperative provided that the ground brake cooling time is applied.

Reference(s)

- (o) Refer to OpsProc 32-47-01A Brake Temperature Monitoring Unit (BTMU)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-47 - Brake Temperature System
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-48 - Brake Cooling
------------------------------------------------------	-----------------------------------------------------------------------

32-48-01	Brake Fan System
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Ident.: MI-32-48-00007752.0001001 / 13 MAY 20
Applicable to: ALL

32-48-01A Brake Fan System not used

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	Yes

May be inoperative.

32-48-01B Brake Fan System may be used if partially available

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

- (o) One or more fans may be inoperative provided that the affected pair of fans is deactivated.

_____ Reference(s) _____
- (o) *Refer to OpsProc 32-48-01B Brake Fan System (partially available)*

32-48-02	BRK FAN pb-sw HOT light
-----------------	--------------------------------

Ident.: MI-32-48-00007753.0001001 / 13 MAY 20
Applicable to: ALL

32-48-02A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	Yes

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-48 - Brake Cooling
------------------------------------------------------	-----------------------------------------------------------------------

32-48-03	BRK FAN pb-sw ON light
-----------------	-------------------------------

Ident.: MI-32-48-00007754.0001001 / 13 MAY 20

Applicable to: ALL

32-48-03A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	Yes

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-51 - Steering
------------------------------------------------------	------------------------------------------------------------------

32-51-01	Nose Wheel Steering Control System
-----------------	-------------------------------------------

Ident.: MI-32-51-00007755.0002001 / 22 MAY 19
Applicable to: ALL

32-51-01A

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	Yes

- (o) May be inoperative for three flights provided that:
- 1) The failure is detected by the BSCU (the **WHEEL N/W STRG FAULT** alert is displayed on the EWD), and
 - 2) The runway width at departure and arrival airports is at least 45 m, and
 - 3) The runway is not contaminated, and
 - 4) The crosswind component is below 20 kt at departure and arrival airports.
- Note: For nose wheel steering offset, Refer to FCOM/PRO-NOR-SUP-LG L/G Operation with Nosewheel Steering Offset.

Reference(s)

- (o) Refer to OpsProc 32-51-01A Nose Wheel Steering Control System

32-51-02	Rudder PEDALS DISC pb
-----------------	------------------------------

Ident.: MI-32-51-00007756.0001001 / 22 MAY 19
Applicable to: ALL

32-51-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

- (o) One or both may be inoperative (no disconnection is possible).
- Reference(s)
- (o) Refer to OpsProc 32-51-02A Rudder PEDALS DISC pb

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-51 - Steering
------------------------------------------------------	------------------------------------------------------------------

32-51-03	NWS Electrical Deactivation Box
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Ident.: MI-32-51-00007757.0001001 / 22 MAY 19

Applicable to: ALL

32-51-03A No towing mode when lever in the TOWING position

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative.

Note: The towing mode is not available when the lever is in the TOWING position.

Reference(s)

- (o) Refer to OpsProc 32-51-03A NWS Electrical Deactivation Box (towing mode is not available when the lever is in the TOWING position)

32-51-03B NWS electrical deactivation box deactivated

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o)(m) May be inoperative provided that the NWS electrical deactivation box is deactivated.

Reference(s)

- (o) Refer to OpsProc 32-51-03B NWS Electrical Deactivation Box (NWS Electrical Deactivation Box deactivated)
(m) Refer to AMM Task 32-51-00-040-002

32-51-04	PARKING BRAKE light on the NWS Electrical Deactivation Box
-----------------	-------------------------------------------------------------------

Ident.: MI-32-51-00007758.0001001 / 22 MAY 19

Applicable to: ALL

32-51-04A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>32 - LANDING GEAR</div> <div>32-51 - Steering</div>
------------------------------------------------------	-------------------------------------------------------------------------------

Continued from the previous page

Reference(s)

- (o) Refer to OpsProc 32-51-04A PARKING BRAKE light on the NWS Electrical Deactivation Box

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-51 - Steering
------------------------------------------------------	------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>32 - LANDING GEAR</div> <div>32-61 - Landing Gear Panel on the Center Instrument Panel</div>
------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

32-61-01	LDG GEAR Indicator Panel
----------	--------------------------

Ident.: MI-32-61-00007759.0001001 / 22 MAR 10

Applicable to: ALL

32-61-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

32-61-02	DOWN Red Arrow light on the Landing Gear lever
----------	------------------------------------------------

Ident.: MI-32-61-00007760.0001001 / 15 SEP 10

Applicable to: ALL

32-61-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(m) May be inoperative provided that the **L/G GEAR NOT DOWN** alert and the **L/G GEAR NOT DOWNLOCKED** alert are checked operative.

_____ Reference(s) _____

(m) Refer to AMM 32-61-00-040-001

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 32 - LANDING GEAR 32-61 - Landing Gear Panel on the Center Instrument Panel
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 33 - LIGHTS 33-01 - Overhead Panels 33-01-01 - ANN LT Overhead Panel
------------------------------------------------------	-------------------------------------------------------------------------------------------------------

33-01-01-01	TEST Function of ANN LT sw
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Ident.: MI-33-01-01-00007633.0001001 / 22 MAR 10

Applicable to: ALL

33-01-01-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative.

33-01-01-02	DIM Function of ANN LT sw
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Ident.: MI-33-01-01-00007635.0001001 / 22 MAY 19

Applicable to: ALL

33-01-01-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

Dim lighting may be inoperative provided that the bright lighting is operative.

33-01-01-03	BRT Function of ANN LT sw
--------------------	----------------------------------

Ident.: MI-33-01-01-00007636.0001001 / 22 MAY 19

Applicable to: ALL

33-01-01-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

Bright lighting may be inoperative for night operation.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 33 - LIGHTS 33-01 - Overhead Panels 33-01-01 - ANN LT Overhead Panel
------------------------------------------------------	-------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 33 - LIGHTS 33-01 - Overhead Panels 33-01-02 - SIGNS Overhead Panel
------------------------------------------------------	------------------------------------------------------------------------------------------------------

33-01-02-01	EMER EXIT LT OFF light
--------------------	-------------------------------

Ident.: MI-33-01-02-00007637.0001001 / 18 JUL 12

Applicable to: ALL

33-01-02-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

33-01-02-02	AUTO Function of SEAT BELT SIGNS sw
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Ident.: MI-33-01-02-00007638.0001001 / 13 MAY 20

Applicable to: LY-COB, LY-COD, LY-EMU, LY-RAM

33-01-02-02A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

(o) May be inoperative.

Reference(s)

(o) Refer to OpsProc 33-01-02-02A AUTO Function of SEAT BELT SIGNS selector (If Installed)

33-01-02-03	AUTO Function of NO SMOKING SIGNS sw
--------------------	---------------------------------------------

Ident.: MI-33-01-02-00007639.0001001 / 22 MAY 19

Applicable to: ALL

33-01-02-03A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

(o) May be inoperative.

Reference(s)

(o) Refer to OpsProc 33-01-02-03A AUTO Function of NO SMOKING/EXIT/NO PORTABLE SIGNS selector

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 33 - LIGHTS 33-01 - Overhead Panels 33-01-02 - SIGNS Overhead Panel
------------------------------------------------------	------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 33 - LIGHTS 33-10 - Cockpit General Illumination
-------------------------------------------------------------	--------------------------------------------------------------------------------

33-10-01	Cockpit General Illumination (Center & Main Instrument Lighting, Console and Floor Lighting, Dome lights and Lighting Strips, Instrument and Panel Integral Lighting, Map Holder Lighting, Center Pedestal Lighting, Reading Lights)
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Ident.: MI-33-10-00007640.0004001 / 13 MAY 20

Applicable to: LY-COD, LY-EMU, LY-RAM

33-10-01A

Repair interval	Nbr installed	Nbr required	Placard
C	46	18	No

May be inoperative provided that:

- 1) The lighting is sufficient for all instruments and controls, and
- 2) The RH dome light is operative.

33-10-01	Cockpit General Illumination (Center & Main Instrument Lighting, Console and Floor Lighting, Dome lights and Lighting Strips, Instrument and Panel Integral Lighting, Map Holder Lighting, Center Pedestal Lighting, Reading Lights)
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Ident.: MI-33-10-00007640.0002001 / 13 MAY 20

Applicable to: LY-COB, LY-ELK, LY-OWL

33-10-01A

Repair interval	Nbr installed	Nbr required	Placard
C	44	18	No

May be inoperative provided that:

- 1) The lighting is sufficient for all instruments and controls, and
- 2) The RH dome light is operative, and
- 3) The left section of the center instrument panel flood lighting is operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 33 - LIGHTS 33-10 - Cockpit General Illumination
------------------------------------------------------	--------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 33 - LIGHTS 33-20 - Cabin General Illumination
-------------------------------------------------------------	------------------------------------------------------------------------------

33-20-01	Cabin General Illumination
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Ident.: MI-33-20-00007641.0001001 / 03 MAR 21

Applicable to: LY-COD, LY-RAM

33-20-01A

Repair interval	Nbr installed	Nbr required	Placard
C	74	–	No

- (o) One or more lights may be inoperative provided that:
- 1) The lighting is sufficient for the cabin attendants to perform their duties, and
 - 2) The lighting is sufficient to charge the photoluminescent Floor Path Marking System.

_____ Reference(s) _____

- (o) *Refer to OpsProc 33-20-01A Cabin General Illumination*

33-20-01	Cabin General Illumination
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Ident.: MI-33-20-00007641.9001002 / 03 MAR 21

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

33-20-01A

Repair interval	Nbr installed	Nbr required	Placard
C	88	–	No

- (o) One or more lights may be inoperative provided that:
- 1) The lighting is sufficient for the cabin attendants to perform their duties, and
 - 2) The lighting is sufficient to charge the photoluminescent Floor Path Marking System.

_____ Reference(s) _____

- (o) *Refer to OpsProc 33-20-01A Cabin General Illumination*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 33 - LIGHTS 33-20 - Cabin General Illumination</p>
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------

33-20-02	<p style="text-align: center;">Cabin Signs (No Smoking/No Electronic Devices/Fasten Seat Belt/Return to Seat)</p>
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Ident.: MI-33-20-00007642.0001001 / 03 MAR 21

Applicable to: LY-COB, LY-ELK, LY-OWL

33-20-02A Affected seat occupied

Repair interval	Nbr installed	Nbr required	Placard
C	35	0	No

One or more may be inoperative and the affected passenger seat may be occupied provided that:

- 1) The passenger address system is operative, and can be heard throughout the cabin during the flight, and
- 2) The passenger address system is used to alert the passengers when return to seat is requested, seat belts should be fastened and smoking is prohibited.

33-20-02B Affected seat not occupied

Repair interval	Nbr installed	Nbr required	Placard
C	35	0	Yes

(m) One or more “No Smoking/No Electronic Devices/Fasten Seat Belt” sign may be inoperative provided that:

- 1) No passenger seat is occupied from which a passenger cannot see a readily legible “No smoking/No Electronic Devices/Fasten Seat Belt” sign, and
- 2) The affected seat is blocked and placarded inoperative.

_____ Reference(s) _____

(m) Refer to AMM Task 33-20-00-040-001

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 33 - LIGHTS 33-20 - Cabin General Illumination</p>
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------

33-20-02	<p style="text-align: center;">Cabin Signs (No Smoking/No Electronic Devices/Fasten Seat Belt/Return to Seat)</p>
-----------------	--------------------------------------------------------------------------------------------------------------------------

Ident.: MI-33-20-00007642.9001002 / 03 MAR 21

Applicable to: LY-EMU, LY-RAM

33-20-02A Affected seat occupied

Repair interval	Nbr installed	Nbr required	Placard
C	39	0	No

One or more may be inoperative and the affected passenger seat may be occupied provided that:

- 1) The passenger address system is operative, and can be heard throughout the cabin during the flight, and
- 2) The passenger address system is used to alert the passengers when return to seat is requested, seat belts should be fastened and smoking is prohibited.

33-20-02B Affected seat not occupied

Repair interval	Nbr installed	Nbr required	Placard
C	39	0	Yes

(m) One or more “No Smoking/No Electronic Devices/Fasten Seat Belt” sign may be inoperative provided that:

- 1) No passenger seat is occupied from which a passenger cannot see a readily legible “No smoking/No Electronic Devices/Fasten Seat Belt” sign, and
- 2) The affected seat is blocked and placarded inoperative.

_____ Reference(s) _____

(m) *Refer to AMM Task 33-20-00-040-001*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 33 - LIGHTS 33-20 - Cabin General Illumination</p>
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------

33-20-02	<p style="text-align: center;">Cabin Signs (No Smoking/No Electronic Devices/Fasten Seat Belt/Return to Seat)</p>
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Ident.: MI-33-20-00007642.9001003 / 03 MAR 21

Applicable to: LY-COD

33-20-02A Affected seat occupied

Repair interval	Nbr installed	Nbr required	Placard
C	45	0	No

One or more may be inoperative and the affected passenger seat may be occupied provided that:

- 1) The passenger address system is operative, and can be heard throughout the cabin during the flight, and
- 2) The passenger address system is used to alert the passengers when return to seat is requested, seat belts should be fastened and smoking is prohibited.

33-20-02B Affected seat not occupied

Repair interval	Nbr installed	Nbr required	Placard
C	45	0	Yes

(m) One or more “No Smoking/No Electronic Devices/Fasten Seat Belt” sign may be inoperative provided that:

- 1) No passenger seat is occupied from which a passenger cannot see a readily legible “No smoking/No Electronic Devices/Fasten Seat Belt” sign, and
- 2) The affected seat is blocked and placarded inoperative.

_____ Reference(s) _____

(m) Refer to AMM Task 33-20-00-040-001

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 33 - LIGHTS 33-20 - Cabin General Illumination
-------------------------------------------------------------	------------------------------------------------------------------------------

33-20-03	Lavatory Sign (Return to seat)
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Ident.: MI-33-20-00007643.0001001 / 03 MAR 21

Applicable to: LY-RAM

33-20-03A Lavatory used

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) One or more may be inoperative provided that an alternate procedure is established and used to alert the occupant to return to their seat when necessary.

_____ Reference(s) _____

- (o) *Refer to OpsProc 33-20-03A Lavatory Sign (Return to seat)*

33-20-03B Lavatory not used

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or more may be inoperative provided that the affected lavatory is locked closed and is placarded inoperative.

33-20-03	Lavatory Sign (Return to seat)
-----------------	---------------------------------------

Ident.: MI-33-20-00007643.9001002 / 03 MAR 21

Applicable to: LY-COB, LY-COD, LY-ELK, LY-EMU, LY-OWL

33-20-03A Lavatory used

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	No

- (o) One or more may be inoperative provided that an alternate procedure is established and used to alert the occupant to return to their seat when necessary.

_____ Reference(s) _____

- (o) *Refer to OpsProc 33-20-03A Lavatory Sign (Return to seat)*

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>33 - LIGHTS</div> <div>33-20 - Cabin General Illumination</div>
------------------------------------------------------	-------------------------------------------------------------------------------------------

Continued from the previous page

33-20-03B Lavatory not used

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

One or more may be inoperative provided that the affected lavatory is locked closed and is placarded inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div> MEL ITEMS 33 - LIGHTS </div> <div> 33-30 - Cargo and Service Compartment Lighting </div>
------------------------------------------------------	------------------------------------------------------------------------------------------------

33-30-01	Cargo and Service Compartment Lighting System
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Ident.: MI-33-30-00007644.0001001 / 22 MAR 10

Applicable to: ALL

33-30-01A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 33 - LIGHTS 33-30 - Cargo and Service Compartment Lighting
------------------------------------------------------	------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 33 - LIGHTS 33-40 - Exterior Lighting
------------------------------------------------------	---------------------------------------------------------------------

33-40-01	NAV 1 Light
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Ident.: MI-33-40-00007645.0002001 / 22 MAY 19

Applicable to: ALL

33-40-01A Daylight operations

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

One or more NAV 1 lights may be inoperative for daylight operations.

33-40-01B All NAV 2 lights operative

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

One or more NAV 1 lights may be inoperative provided that all NAV 2 lights are operative.

33-40-02	NAV 2 Light
-----------------	--------------------

Ident.: MI-33-40-00007646.0001001 / 31 JAN 17

Applicable to: ALL

33-40-02A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

One or more NAV 2 lights may be inoperative.

33-40-03	Landing light
-----------------	----------------------

Ident.: MI-33-40-00007647.0001001 / 22 MAY 19

Applicable to: ALL

33-40-03A Taxi and takeoff lights operative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

One may be inoperative provided that both taxi and takeoff lights are operative.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>33 - LIGHTS</div> <div>33-40 - Exterior Lighting</div>
------------------------------------------------------	----------------------------------------------------------------------------------

Continued from the previous page

33-40-03B Daylight operations

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative for daylight operations.

33-40-04	Landing light Extension/Retraction System
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Ident.: MI-33-40-00007651.0001001 / 22 MAY 19
Applicable to: ALL

33-40-04A Inoperative in extended position

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) One or both may be inoperative in the extended position.

Reference(s)

- (o) Refer to OpsProc 33-40-04A Landing light Extension/Retraction System

33-40-04B Inoperative in retracted position

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative in the retracted position provided that the associated light is considered inoperative.

Refer to Item 33-40-03 Landing light

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 33 - LIGHTS 33-40 - Exterior Lighting
------------------------------------------------------	---------------------------------------------------------------------

33-40-05	Runway Turnoff light
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Ident.: MI-33-40-00007654.0001001 / 22 MAR 10

Applicable to: ALL

33-40-05A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative.

33-40-06	Taxi and Takeoff light
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Ident.: MI-33-40-00007657.0001001 / 22 MAR 10

Applicable to: ALL

33-40-06A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative.

33-40-07	Logo light
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Ident.: MI-33-40-00007658.0001001 / 22 MAR 10

Applicable to: ALL

33-40-07A

Repair interval	Nbr installed	Nbr required	Placard
D	2	0	Yes

One or both may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 33 - LIGHTS 33-40 - Exterior Lighting
------------------------------------------------------	---------------------------------------------------------------------

33-40-08	Beacon light
-----------------	---------------------

Ident.: MI-33-40-00007659.0002001 / 13 MAY 20

Applicable to: ALL

33-40-08A Daylight operations

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

- (o) One or both may be inoperative for daylight operations.

_____ Reference(s) _____

- (o) *Refer to OpsProc 33-40-08A Beacon light*

33-40-08B Strobe lights operative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

- (o) One or both may be inoperative provided that the Strobe lights are operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 33-40-08B Beacon light*

33-40-09	Wing Scan light
-----------------	------------------------

Ident.: MI-33-40-00007662.0001001 / 22 MAY 19

Applicable to: ALL

33-40-09A Daylight operations

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative for daylight operations.

33-40-09B Night operations

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

One may be inoperative for night operations.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 33 - LIGHTS 33-40 - Exterior Lighting
------------------------------------------------------	---------------------------------------------------------------------

33-40-10	Strobe light
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Ident.: MI-33-40-00007664.0001001 / 22 MAR 10

Applicable to: ALL

33-40-10A

Repair interval	Nbr installed	Nbr required	Placard
D	3	0	Yes

One or more may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 33 - LIGHTS 33-40 - Exterior Lighting
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 33 - LIGHTS 33-51 - Cabin Emergency Lighting
------------------------------------------------------	----------------------------------------------------------------------------

33-51-01	Exit Marking Sign
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Ident.: MI-33-51-00007667.0004001 / 03 MAR 21

Applicable to: LY-COD

33-51-01A A maximum of three non-adjacent LEDs/bulbs inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	6	6	No

A maximum of three non-adjacent LEDs/bulbs may be inoperative in one or more signs.

33-51-01B Associated exit considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	6	5	No

One may be inoperative for 5 flights provided that the associated exit is considered inoperative.

Refer to Item 52-10-01 Cabin Door, or

Refer to Item 52-10-02 Cabin Overwing Exit

Note: *For aircraft equipped with two pairs of cabin overwing exits, both cabin overwing exits on the same side must be considered inoperative if the associated EXIT marking sign is inoperative.*

33-51-01	Exit Marking Sign
-----------------	--------------------------

Ident.: MI-33-51-00007667.9001002 / 03 MAR 21

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL, LY-RAM

33-51-01A A maximum of three non-adjacent LEDs/bulbs inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	8	6	No

A maximum of three non-adjacent LEDs/bulbs may be inoperative in one or more signs.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 33 - LIGHTS 33-51 - Cabin Emergency Lighting</p>
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------

Continued from the previous page

33-51-01B Associated exit considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	8	5	No

One may be inoperative for 5 flights provided that the associated exit is considered inoperative.

Refer to Item 52-10-01 Cabin Door, or

Refer to Item 52-10-02 Cabin Overwing Exit

Note: *For aircraft equipped with two pairs of cabin overwing exits, both cabin overwing exits on the same side must be considered inoperative if the associated EXIT marking sign is inoperative.*

33-51-02	Exit Location Sign in the Main Aisle
-----------------	---------------------------------------------

Ident.: MI-33-51-00007668.0002001 / 08 AUG 13

Applicable to: **ALL**

33-51-02A

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	No

A maximum of three non-adjacent bulbs or LEDs may be inoperative in one or more signs.

33-51-03	Overhead Emergency Lighting System in the Main Aisle
-----------------	-------------------------------------------------------------

Ident.: MI-33-51-00007669.0001001 / 13 MAY 20

Applicable to: **LY-COB, LY-ELK, LY-EMU, LY-OWL**

33-51-03A

Repair interval	Nbr installed	Nbr required	Placard
C	10	7	No

A maximum of three non-adjacent overhead emergency lights may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 33 - LIGHTS 33-51 - Cabin Emergency Lighting
------------------------------------------------------	----------------------------------------------------------------------------

33-51-03	Overhead Emergency Lighting System in the Main Aisle
-----------------	-------------------------------------------------------------

Ident.: MI-33-51-00007669.0002001 / 13 MAY 20

Applicable to: LY-COD, LY-RAM

33-51-03A

Repair interval	Nbr installed	Nbr required	Placard
C	7	5	No

A maximum of two non-adjacent overhead emergency lights may be inoperative.

33-51-04	Overhead Emergency Lighting System in the Cabin Door Vicinity
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Ident.: MI-33-51-00007670.0004001 / 05 APR 18

Applicable to: ALL

33-51-04A

Repair interval	Nbr installed	Nbr required	Placard
A	4	3	No

One may be inoperative for 5 flights provided that the associated exit is considered inoperative.

Refer to Item 52-10-01 Cabin Door

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 33 - LIGHTS 33-51 - Cabin Emergency Lighting
------------------------------------------------------	----------------------------------------------------------------------------

33-51-05	Floor Proximity Emergency Escape Path Marking System
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Ident.: MI-33-51-00007671.0001001 / 03 MAR 21

Applicable to: ALL

33-51-05A Aircraft equipped with Photo Luminescent Floor Path Marking System

Repair interval	Nbr installed	Nbr required	Placard
C	34	17	No

May be inoperative or missing provided that:

- 1) The length of each affected section does not exceed 0.5 m, and
- 2) The affected sections are not opposite each other, and
- 3) The distance between each affected section is more than 2 m, and
- 4) No more than two sections per cabin zone are affected, and
- 5) The sections marking right angle intersections, including cross-aisles and overwing exits, are operative, and
- 6) All sections within one meter of the strips marking right angle intersections are operative.

33-51-07	Floor Proximity Emergency Escape Path Marking System Exit Marker
-----------------	-------------------------------------------------------------------------

Ident.: MI-33-51-00007673.0001001 / 05 APR 18

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL, LY-RAM

33-51-07A Associated cabin door considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	8	7	No

One may be inoperative for 5 flights provided that the associated cabin door is considered inoperative.

Refer to Item 52-10-01 Cabin Door

33-51-07B Associated cabin overwing exit considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	8	6	No

One or two may be inoperative on the same side for 5 flights provided that the associated cabin overwing exit is considered inoperative.

Refer to Item 52-10-02 Cabin Overwing Exit

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 33 - LIGHTS 33-51 - Cabin Emergency Lighting
-------------------------------------------------------------	----------------------------------------------------------------------------

33-51-07	Floor Proximity Emergency Escape Path Marking System Exit Marker
-----------------	-------------------------------------------------------------------------

Ident.: MI-33-51-00007673.0002001 / 05 APR 18

Applicable to: LY-COD

33-51-07A

Repair interval	Nbr installed	Nbr required	Placard
A	6	5	No

One may be inoperative for 5 flights provided that the associated exit is considered inoperative.

Refer to Item 52-10-01 Cabin Door, or

Refer to Item 52-10-02 Cabin Overwing Exit

33-51-08	Overwing Emergency light
-----------------	---------------------------------

Ident.: MI-33-51-00007674.0001001 / 13 MAY 20

Applicable to: ALL

33-51-08A Daylight operations

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	No

One or more may be inoperative for daylight operations.

33-51-08B Associated exit considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	4	2	No

One or two may be inoperative on the same side for 5 flights provided that the associated cabin overwing exit is considered inoperative.

Refer to Item 52-10-02 Cabin Overwing Exit

Note: *For aircraft equipped with two pairs of cabin overwing exits, both cabin overwing exits on the same side must be considered inoperative.*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 33 - LIGHTS 33-51 - Cabin Emergency Lighting
------------------------------------------------------	----------------------------------------------------------------------------

33-51-09	Overwing Exit Handle light
-----------------	-----------------------------------

Ident.: MI-33-51-00007675.0001001 / 13 MAY 20

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL, LY-RAM

33-51-09A

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	No

One or more may be inoperative.

33-51-09	Overwing Exit Handle light
-----------------	-----------------------------------

Ident.: MI-33-51-00007675.9001002 / 13 MAY 20

Applicable to: LY-COD

33-51-09A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or more may be inoperative.

33-51-10	Escape Slide Lighting
-----------------	------------------------------

Ident.: MI-33-51-00007676.0001001 / 22 MAY 19

Applicable to: ALL

33-51-10A Daylight operations

Repair interval	Nbr installed	Nbr required	Placard
C	6	0	No

One or more may be inoperative for daylight operations.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 33 - LIGHTS 33-51 - Cabin Emergency Lighting
-------------------------------------------------------------	----------------------------------------------------------------------------

Continued from the previous page

33-51-10B Associated exit considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	6	5	No

One may be inoperative for 5 flights provided that the associated exit is considered inoperative.

Refer to Item 52-10-01 Cabin Door, or

Refer to Item 52-10-02 Cabin Overwing Exit

Note: *For aircraft equipped with two pairs of cabin overwing exits, both cabin overwing exits on the same side must be considered inoperative if the associated escape slide lighting is inoperative.*

33-51-11	Lavatory Auxiliary light
-----------------	---------------------------------

Ident.: MI-33-51-00007677.0001001 / 13 MAY 20

Applicable to: ALL

33-51-11A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or more may be inoperative.

33-51-12	BAT TEST pb on the PTP
-----------------	-------------------------------

Ident.: MI-33-51-00007678.0001001 / 22 MAR 10

2 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

33-51-12A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative provided that the batteries are correctly charged.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>33 - LIGHTS</div> <div>33-51 - Cabin Emergency Lighting</div>
------------------------------------------------------	-----------------------------------------------------------------------------------------

33-51-13	SYS TEST pb on the PTP
----------	------------------------

Ident.: MI-33-51-00007679.0001001 / 22 MAR 10

3

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

33-51-13A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(m) May be inoperative provided that the operational test of the emergency lighting system is performed as an alternative to this test.

Reference(s)

(m) Refer to AMM 33-51-00-040-001

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>34 - NAVIGATION</div> <div>34-00 - MAINTENANCE Messages on the STATUS SD page</div>
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------

34-00-01	ADR MAINTENANCE Message
----------	-------------------------

Ident.: MI-34-00-00008503.0002001 / 26 NOV 13

Applicable to: ALL

34-00-01A

Repair interval	Nbr installed	Nbr required	Placard
C	-	-	No

ADR MAINTENANCE message may be displayed on the STATUS SD page.

34-00-02	IR <u>MAINTENANCE</u> Message
----------	-------------------------------

Ident.: MI-34-00-00008504.0001001 / 22 MAR 10

Applicable to: ALL

34-00-02A

Repair interval	Nbr installed	Nbr required	Placard
C	-	-	No

IR MAINTENANCE message may be displayed on the STATUS SD page.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 34 - NAVIGATION 34-00 - MAINTENANCE Messages on the STATUS SD page
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 34 - NAVIGATION 34-01 - Overhead Panels 34-01-01 - ADIRS Overhead Panel
------------------------------------------------------	----------------------------------------------------------------------------------------------------------

34-01-01-01	ADR pb-sw FAULT light
--------------------	------------------------------

Ident.: MI-34-01-01-00008505.0001001 / 22 MAR 10

Applicable to: ALL

34-01-01-01A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

One or more may be inoperative.

34-01-01-02	ADR pb-sw OFF light
--------------------	----------------------------

Ident.: MI-34-01-01-00008506.0001001 / 22 MAR 10

Applicable to: ALL

34-01-01-02A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

One or more may be inoperative.

34-01-01-03	IR FAULT light
--------------------	-----------------------

Ident.: MI-34-01-01-00008509.0001001 / 22 MAR 10

Applicable to: ALL

34-01-01-03A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

One or more may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 34 - NAVIGATION 34-01 - Overhead Panels 34-01-01 - ADIRS Overhead Panel
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------

34-01-01-04	IR ALIGN light
--------------------	-----------------------

Ident.: MI-34-01-01-00008510.0001001 / 22 MAR 10

Applicable to: **ALL**

34-01-01-04A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

One or more may be inoperative.

34-01-01-05	ON BAT light
--------------------	---------------------

Ident.: MI-34-01-01-00008511.0001001 / 22 MAR 10

Applicable to: **ALL**

34-01-01-05A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

34-01-01-31	ADR pb-sw
--------------------	------------------

Ident.: MI-34-01-01-00008512.0001001 / 22 MAY 19

Applicable to: **ALL**

34-01-01-31A

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	Yes

- (o) ADR 2 or ADR 3 pb-sw may be inoperative provided that:
- 1) The associated mode selector is operative, and
 - 2) The two ADRs and the two IRs associated with the two operative ADRs pb-sw are operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 34-01-01-31A ADR pb-sw*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 34 - NAVIGATION 34-01 - Overhead Panels 34-01-01 - ADIRS Overhead Panel
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------

34-01-01-33	IR Mode selector
--------------------	-------------------------

Ident.: MI-34-01-01-00008516.0001001 / 22 MAY 19

Applicable to: ALL

34-01-01-33A

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	Yes

- (o) IR 2 or IR 3 mode selector may be inoperative provided that the associated ADIRS is considered inoperative.

Refer to the associated Items.

_____ Reference(s) _____

- (o) *Refer to OpsProc 34-01-01-33A IR Mode Selector*

34-01-01-34	DATA DISPLAY selector of ADIRS CDU
--------------------	-------------------------------------------

Ident.: MI-34-01-01-00008521.0001001 / 22 MAY 19

Applicable to: ALL

34-01-01-34A MCDU 1 and MCDU 2 operative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the MCDU 1 and the MCDU 2 are operative.

34-01-01-34B Navigation not planned on inertial data

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the navigation is not planned on inertial data.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 34 - NAVIGATION 34-01 - Overhead Panels 34-01-01 - ADIRS Overhead Panel
------------------------------------------------------	----------------------------------------------------------------------------------------------------------

34-01-01-35	SYS DISPLAY selector of ADIRS CDU
--------------------	------------------------------------------

Ident.: MI-34-01-01-00008523.0001001 / 22 MAY 19

Applicable to: ALL

34-01-01-35A MCDU 1 and MCDU 2 operative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that:

- 1) The MCDU 1 and the MCDU 2 are operative, and
- 2) The IRS initialization is available through the FMGC.

34-01-01-35B Navigation not planned on inertial data

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the navigation is not planned on inertial data.

34-01-01-36	Display Unit of ADIRS CDU
--------------------	----------------------------------

Ident.: MI-34-01-01-00008526.0001001 / 22 MAY 19

Applicable to: ALL

34-01-01-36A MCDU 1 and MCDU 2 operative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative provided that the MCDU 1 and the MCDU 2 are operative.

34-01-01-36B Navigation not planned on inertial data

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative provided that the navigation is not planned on inertial data.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">34 - NAVIGATION</p> <p style="text-align: center;">34-01 - Overhead Panels</p> <p style="text-align: center;">34-01-01 - ADIRS Overhead Panel</p>
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

34-01-01-37	Keyboard of ADIRS CDU
--------------------	------------------------------

Ident.: MI-34-01-01-00008530.0001001 / 22 MAY 19

Applicable to: ALL

34-01-01-37A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative provided that the MCDU 1 and the MCDU 2 are operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 34 - NAVIGATION 34-01 - Overhead Panels 34-01-01 - ADIRS Overhead Panel
------------------------------------------------------	----------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 34 - NAVIGATION 34-01 - Overhead Panels 34-01-02 - GPWS Overhead Panel
-------------------------------------------------------------	---------------------------------------------------------------------------------------------------------

34-01-02-01	GPWS SYS pb-sw FAULT light
--------------------	-----------------------------------

Ident.: MI-34-01-02-00008534.0001001 / 21 NOV 17

Applicable to: ALL

34-01-02-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

34-01-02-02	GPWS SYS pb-sw OFF light
--------------------	---------------------------------

Ident.: MI-34-01-02-00024544.0001001 / 17 NOV 20

Applicable to: ALL

34-01-02-02A

Repair interval	Nbr installed	Nbr required	Placard
–	1	0	Yes

May be inoperative provided that:

- 1) The GPWS basic modes are considered inoperative, and
Refer to Item 34-40-01 GPWS Basic Modes
- 2) The predictive GPWS functions are considered inoperative.
Refer to Item 34-40-02 Predictive GPWS Functions

34-01-02-03	GPWS G/S MODE pb-sw OFF light
--------------------	--------------------------------------

Ident.: MI-34-01-02-00024545.0001001 / 17 NOV 20

Applicable to: ALL

34-01-02-03A

Repair interval	Nbr installed	Nbr required	Placard
–	1	0	Yes

May be inoperative provided that the GPWS basic modes are considered inoperative.

Refer to Item 34-40-01 GPWS Basic Modes

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 34 - NAVIGATION 34-01 - Overhead Panels 34-01-02 - GPWS Overhead Panel
-------------------------------------------------------------	---------------------------------------------------------------------------------------------------------

34-01-02-04	GPWS FLAP MODE pb-sw OFF light
--------------------	---------------------------------------

Ident.: MI-34-01-02-00024546.0001001 / 17 NOV 20

Applicable to: ALL

34-01-02-04A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

34-01-02-05	GPWS LDG FLAP 3 pb-sw ON light
--------------------	---------------------------------------

Ident.: MI-34-01-02-00024547.0001001 / 17 NOV 20

Applicable to: ALL

34-01-02-05A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

34-01-02-06	GPWS TERR pb-sw FAULT light
--------------------	------------------------------------

Ident.: MI-34-01-02-00024548.0002001 / 17 NOV 20

Applicable to: ALL

34-01-02-06A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>34 - NAVIGATION</div> <div>34-01 - Overhead Panels</div> <div>34-01-02 - GPWS Overhead Panel</div>
------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------

34-01-02-07	GPWS TERR pb-sw OFF light
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Ident.: MI-34-01-02-00024549.0002001 / 17 NOV 20

Applicable to: ALL

34-01-02-07A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 34 - NAVIGATION 34-01 - Overhead Panels 34-01-02 - GPWS Overhead Panel
------------------------------------------------------	---------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 34 - NAVIGATION 34-05 - Indications on the Primary Flight Display (PFD)</p>
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------

34-05-01	Actual Airspeed Reference Line and Scale Indication on the PFD
-----------------	-----------------------------------------------------------------------

Ident.: MI-34-05-00008711.0001001 / 22 MAR 10

Applicable to: ALL

34-05-01A

Repair interval	Nbr installed	Nbr required	Placard
–	2	2	No

Both must be operative.

34-05-02	Mach Number Indication on the PFD
-----------------	------------------------------------------

Ident.: MI-34-05-00008712.0001001 / 22 MAY 19

1 Applicable to: LY-COB, LY-ELK, LY-OWL

34-05-02A One indication inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

One may be inoperative.

34-05-02B Both indications inoperative - FCU operative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

Both may be inoperative provided that the SPD/MACH selection window on the FCU is operative.

34-05-02C Both indications inoperative - FL limitation

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

Both may be inoperative provided that the flight altitude is limited to 25 000 ft.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 34 - NAVIGATION 34-05 - Indications on the Primary Flight Display (PFD)</p>
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------

34-05-02	Mach Number Indication on the PFD
-----------------	------------------------------------------

Ident.: MI-34-05-00008712.0002001 / 22 MAY 19

Applicable to: LY-COD, LY-EMU, LY-RAM

34-05-02A One indication inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

One may be inoperative.

34-05-02B Both indications inoperative - FCU operative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

Both may be inoperative provided that the SPD/MACH selection window on the FCU is operative.

34-05-02C Both indications inoperative - FL limitation

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

Both may be inoperative provided that the flight altitude is limited to 25 000 ft.

34-05-02D Both indications inoperative - ISIS Mach Number Indication operative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

Both may be inoperative provided that the ISIS Mach Number indication is operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 34 - NAVIGATION 34-05 - Indications on the Primary Flight Display (PFD)</p>
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------

34-05-03	VMO/MMO Characteristic Speed Indication on the PFD
-----------------	-----------------------------------------------------------

Ident.: MI-34-05-00008713.0001001 / 22 MAR 10

Applicable to: ALL

34-05-03A

Repair interval	Nbr installed	Nbr required	Placard
–	2	2	No

Both must be operative.

34-05-04	Altitude Indication on the PFD
-----------------	---------------------------------------

Ident.: MI-34-05-00008714.0001001 / 22 MAR 10

Applicable to: ALL

34-05-04A

Repair interval	Nbr installed	Nbr required	Placard
–	2	2	No

Both must be operative.

34-05-05	Baro Reference Indication on the PFD
-----------------	---------------------------------------------

Ident.: MI-34-05-00008715.0001001 / 27 JUN 11

Applicable to: ALL

34-05-05A

Repair interval	Nbr installed	Nbr required	Placard
–	2	2	No

Both must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 34 - NAVIGATION 34-05 - Indications on the Primary Flight Display (PFD)</p>
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------

34-05-06	Vertical Speed in Inertial Mode Indication on the PFD
-----------------	--------------------------------------------------------------

Ident.: MI-34-05-00008716.0001001 / 22 MAY 19

Applicable to: ALL

34-05-06A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) One or both may be inoperative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 34-05-06A Vertical Speed in Inertial Mode Indication on the PFD*

34-05-07	Other Air Data Related Indications on the PFD
-----------------	------------------------------------------------------

Ident.: MI-34-05-00008717.0001001 / 22 MAY 19

Applicable to: ALL

34-05-07A

Repair interval	Nbr installed	Nbr required	Placard
C	–	0	No

- (o) One or more may be inoperative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 34-05-07A Other Air Data Related Indications on the PFD*

34-05-08	Attitude Indication on the PFD
-----------------	---------------------------------------

Ident.: MI-34-05-00008718.0001001 / 13 MAY 20

Applicable to: ALL

34-05-08A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) One may be inoperative provided that:
- 1) ETOPS is not conducted, and
 - 2) MNPS is not conducted, and
 - 3) The aircraft is operated in day VMC conditions.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 34 - NAVIGATION 34-05 - Indications on the Primary Flight Display (PFD)</p>
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

_____ Reference(s) _____

(o) *Refer to OpsProc 34-05-08A Attitude Indication on the PFD*

34-05-09	Heading Indication on the PFD
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Ident.: MI-34-05-00008719.0001001 / 22 MAY 19

Applicable to: ALL

34-05-09A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(o) One may be inoperative.

_____ Reference(s) _____

(o) *Refer to OpsProc 34-05-09A Heading Indication On the PFD*

34-05-10	Radio Nav aids Indications on the PFD
-----------------	----------------------------------------------

Ident.: MI-34-05-00021863.0001001 / 03 DEC 21

Applicable to: ALL

I 2

34-05-10A

Repair interval	Nbr installed	Nbr required	Placard
—	—	—	No

May be inoperative provided that the affected system is considered inoperative.

Refer to Item 34-30-04 Instrument Landing System (ILS), or

Refer to Item 34-50-04 DME, or

Refer to Item 34-50-06 MARKER, or

Refer to Item 34-50-09 Global Positioning System (GPS).

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 34 - NAVIGATION 34-05 - Indications on the Primary Flight Display (PFD)
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 34 - NAVIGATION 34-06 - Indications on the Navigation Display (ND)</p>
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------

34-06-01	Ground Speed Indication on the ND
-----------------	------------------------------------------

Ident.: MI-34-06-00008720.0001001 / 22 MAY 19

Applicable to: ALL

34-06-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

- (o) One or both may be inoperative.

_____ Reference(s) _____

- (o) Refer to OpsProc 34-06-01A Ground Speed Indication on the ND

34-06-02	True Air Speed Indication on the ND
-----------------	--------------------------------------------

Ident.: MI-34-06-00008721.0001001 / 22 MAY 19

Applicable to: ALL

34-06-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

- (o) One or both may be inoperative.

_____ Reference(s) _____

- (o) Refer to OpsProc 34-06-02A True Air Speed Indication on the ND

34-06-03	Wind Indication on the ND
-----------------	----------------------------------

Ident.: MI-34-06-00008722.0001001 / 22 MAY 19

Applicable to: ALL

34-06-03A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

- (o) One or both may be inoperative.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 34 - NAVIGATION 34-06 - Indications on the Navigation Display (ND)</p>
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

_____ Reference(s) _____

(o) Refer to OpsProc 34-06-03A Wind Indication on the ND

34-06-04	Heading Indication on the ND
-----------------	-------------------------------------

Ident.: MI-34-06-00008723.0001001 / 22 MAY 19

Applicable to: ALL

34-06-04A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(o) One may be inoperative provided that the heading indications are operative on both PFDs.

_____ Reference(s) _____

(o) Refer to OpsProc 34-06-04A Heading Indication on the ND

34-06-05	Position (Aircraft Symbol) Indication on the ND
-----------------	--------------------------------------------------------

Ident.: MI-34-06-00008724.0001001 / 22 MAY 19

Applicable to: ALL

34-06-05A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

(o) One or both may be inoperative.

_____ Reference(s) _____

(o) Refer to OpsProc 34-06-05A Position (Aircraft Symbol) Indication on the ND

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 34 - NAVIGATION 34-06 - Indications on the Navigation Display (ND)</p>
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------

34-06-06	Radio Nav aids Indications on the ND
-----------------	---------------------------------------------

Ident.: MI-34-06-00008725.0001001 / 03 DEC 21

Applicable to: LY-COB

1

34-06-06A Indication operative on one ND

Repair interval	Nbr installed	Nbr required	Placard
C	-	-	No

One or more indication may be inoperative on one ND provided that the affected indication is operative on the second ND.

34-06-06B Indication (except VOR, DME and ADF) operative on PFD

Repair interval	Nbr installed	Nbr required	Placard
C	-	-	No

One or more indication (except VOR, DME and ADF) may be inoperative provided that the affected indication is operative on the PFD.

2

34-06-06E Affected system considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	No

One or more indication may be inoperative provided that the affected system is considered inoperative.

Refer to Item 34-30-04 Instrument Landing System (ILS), or

Refer to Item 34-50-04 DME, or

Refer to Item 34-50-05 VOR, or

Refer to MI-34-50 ADF , or

Refer to Item 34-50-06 MARKER.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 34 - NAVIGATION 34-06 - Indications on the Navigation Display (ND)
------------------------------------------------------	--------------------------------------------------------------------------------------------------

34-06-06	Radio Navaids Indications on the ND
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Ident.: MI-34-06-00008725.0002001 / 03 DEC 21

Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

34-06-06A Indication operative on one ND

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	No

One or more indication may be inoperative on one ND provided that the affected indication is operative on the second ND.

34-06-06B Indication (except VOR, DME and ADF) operative on PFD

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	No

One or more indication (except VOR, DME and ADF) may be inoperative provided that the affected indication is operative on the PFD.

34-06-06C VOR, DME or ADF indication operative on DDRMI

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	No

One or more VOR, DME or ADF indication may be inoperative provided that the affected VOR, DME or ADF indication is operative on the DDRMI.

34-06-06E Affected system considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
–	–	–	No

One or more indication may be inoperative provided that the affected system is considered inoperative.

Refer to Item 34-30-04 Instrument Landing System (ILS), or

Refer to Item 34-50-04 DME, or

Refer to Item 34-50-05 VOR, or

Refer to MI-34-50 ADF , or

Refer to Item 34-50-06 MARKER.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div> MEL ITEMS 34 - NAVIGATION </div> <div> 34-06 - Indications on the Navigation Display (ND) </div>
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34-06-07	Chrono Indication on the ND
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Ident.: MI-34-06-00008726.0001001 / 22 MAR 10

Applicable to: ALL

34-06-07A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 34 - NAVIGATION 34-06 - Indications on the Navigation Display (ND)
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 34 - NAVIGATION 34-10 - Air Data/Inertial Reference System (ADIRS)
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34-10-01	ADR 1
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Ident.: MI-34-10-00008541.0001001 / 22 MAR 10

Applicable to: ALL

34-10-01A

Repair interval	Nbr installed	Nbr required	Placard
-	1	1	No

Must be operative.

34-10-02	ADR 2
-----------------	--------------

Ident.: MI-34-10-00008542.0001001 / 27 MAY 21

Applicable to: ALL

34-10-02B

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that:
- 1) The IR 1, IR 3, ADR 1 and ADR 3 are operative, and
 - 2) The takeoff is not performed in CONF 1+F.

_____ Reference(s) _____

- (o) *Refer to OpsProc 34-10-02B ADR 2*

34-10-03	ADR 3
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Ident.: MI-34-10-00008545.0001001 / 22 MAY 19

Applicable to: ALL

34-10-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that the IR 1, IR 2, ADR 1 and ADR 2 are operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 34-10-03A ADR 3*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>34 - NAVIGATION</div> <div>34-10 - Air Data/Inertial Reference System (ADIRS)</div>
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34-10-04	IR 1
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Ident.: MI-34-10-00008547.0001001 / 03 MAR 21

Applicable to: ALL

34-10-04B GPS 1 operative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) The NAV mode may be inoperative provided that:
- 1) The IR 1 is operated in ATT mode, and

2) The IR 2 and IR 3 are operative, and

3) The GPS 1 is operative, and

4) The Predictive GPWS Functions are considered inoperative.
- Refer to Item 34-40-02 Predictive GPWS Functions

Reference(s)

- (o) Refer to OpsProc 34-10-04B IR 1 (only NAV mode of IR 1 inoperative)

34-10-04C GPS 1 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) The NAV mode may be inoperative provided that:
- 1) The IR 1 is operated in ATT mode, and

2) The IR 2 and IR 3 are operative, and

3) The Flight remains within radio nav aids coverage, and

4) The Predictive GPWS Functions are considered inoperative.
- Refer to Item 34-40-02 Predictive GPWS Functions

Reference(s)

- (o) Refer to OpsProc 34-10-04C IR 1 (only NAV mode of IR 1 inoperative)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL ITEMS 34 - NAVIGATION 34-10 - Air Data/Inertial Reference System (ADIRS) </div>
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34-10-05	IR 2
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Ident.: MI-34-10-00008549.0001001 / 22 MAY 19

1 Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

34-10-05B IR 2 totally inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that:
- 1) The IR 2 mode selector is set to OFF, and
 - 2) The IR 1, the IR 3, the ADR 1 and the ADR 3 are operative, and
 - 3) The takeoff is not performed in CONF 1+F.

_____ Reference(s) _____

- (o) *Refer to OpsProc 34-10-05B IR 2 (IR 2 totally inoperative)*

34-10-05C Only NAV mode of IR 2 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) The NAV mode may be inoperative provided that:
- 1) The IR 2 is operated in ATT mode, and
 - 2) The IR 1 and the IR 3 are operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 34-10-05C IR 2 (only NAV mode of IR 2 inoperative)*

34-10-05	IR 2
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Ident.: MI-34-10-00008549.0002001 / 22 MAY 19

Applicable to: LY-COB

34-10-05B IR 2 totally inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that:
- 1) The IR 2 pb-sw is set to OFF, and
 - 2) The IR 1, the IR 3, the ADR 1 and the ADR 3 are operative.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL ITEMS 34 - NAVIGATION 34-10 - Air Data/Inertial Reference System (ADIRS) </div>
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Continued from the previous page

Reference(s)

- (o) Refer to OpsProc 34-10-05B IR 2 (IR 2 totally inoperative)

34-10-05C Only NAV mode of IR 2 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) The NAV mode may be inoperative provided that:
 - 1) The IR 2 is operated in ATT mode, and
 - 2) The IR 1 and the IR 3 are operative.

Reference(s)

- (o) Refer to OpsProc 34-10-05C IR 2 (only NAV mode of IR 2 inoperative)

34-10-06	IR 3 (for aircraft without Honeywell 10 MCU ADIRU)
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Ident.: MI-34-10-00008552.0001001 / 22 MAY 19

Applicable to: ALL

34-10-06A IR 3 totally inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that:
 - 1) The IR 3 mode selector is set to OFF, and
 - 2) The IR 1, the IR 2, the ADR 1, and the ADR 2 are operative.

Reference(s)

- (o) Refer to OpsProc 34-10-06A IR 3 (for aircraft without Honeywell 10 MCU ADIRU with IR 3 totally inoperative)

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>34 - NAVIGATION</div> <div>34-10 - Air Data/Inertial Reference System (ADIRS)</div>
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------

Continued from the previous page

34-10-06B Only NAV mode of IR 3 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o)

The NAV mode may be inoperative provided that:

1) The IR 3 is operated in ATT mode, and

2) The IR 1 and the IR 2 are operative.
- Reference(s)
- (o)

Refer to OpsProc 34-10-06B IR 3 (for aircraft without Honeywell 10 MCU ADIRU with only NAV mode of IR 3 inoperative)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 34 - NAVIGATION 34-10 - Air Data/Inertial Reference System (ADIRS)
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 34 - NAVIGATION 34-11 - Sensors
------------------------------------------------------	---------------------------------------------------------------

34-11-01	Angle of Attack (AOA) Sensor
-----------------	-------------------------------------

Ident.: MI-34-11-00008558.0001001 / 22 MAR 10
Applicable to: ALL

34-11-01A

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	No

The F/O or the STBY Angle Of Attack sensor may be inoperative provided that the associated ADR is considered inoperative.
Refer to Item 34-10-02 ADR 2, or
Refer to Item 34-10-03 ADR 3

34-11-02	CAPT Total Air Temperature (TAT) Sensor Element Connected to the ADR 1
-----------------	-----------------------------------------------------------------------------------------

Ident.: MI-34-11-00008560.0001001 / 22 MAY 19
Applicable to: ALL

34-11-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative provided that:
 - 1) The CAPT sensor element connected to the ADR 3 is operative, and
 - 2) The F/O sensor connected to the ADR 2 is operative, and
 - 3) The ADR 2 and the ADR 3 are operative, and
 - 4) The TAT indication on the SD is checked operative, and
 - 5) The TAS indication on the ND 1 is considered inoperative.*Refer to Item 34-06-02 True Air Speed Indication on the ND*
- _____ Reference(s) _____
- (o) *Refer to OpsProc 34-11-02A CAPT Total Air Temperature (TAT) Sensor Element Connected to the ADR 1*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 34 - NAVIGATION 34-11 - Sensors
------------------------------------------------------	---------------------------------------------------------------

34-11-03	CAPT Total Air Temperature (TAT) Sensor Element Connected to the ADR 3
-----------------	-----------------------------------------------------------------------------------------

Ident.: MI-34-11-00008561.0001001 / 22 MAY 19

Applicable to: ALL

34-11-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative provided that:
- 1) The CAPT sensor element connected to the ADR 1 is operative, and
 - 2) The F/O sensor connected to the ADR 2 is operative, and
 - 3) The ADR 1 and the ADR 2 are operative, and
 - 4) The TAT indication on the SD is checked operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 34-11-03A CAPT Total Air Temperature (TAT) Sensor Element Connected to the ADR 3*

34-11-04	F/O Total Air Temperature (TAT) Sensor Element Connected to the ADR 2
-----------------	----------------------------------------------------------------------------------------

Ident.: MI-34-11-00008562.0001001 / 22 MAY 19

Applicable to: ALL

34-11-04A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative provided that:
- 1) Both CAPT TAT sensor elements are operative, and
 - 2) The ADR 1 and the ADR 3 are operative, and
 - 3) The TAT indication on the SD is checked operative, and
 - 4) The TAS indications on the ND 2 is considered inoperative.
- Refer to Item 34-06-02 True Air Speed Indication on the ND*

_____ Reference(s) _____

- (o) *Refer to OpsProc 34-11-04A F/O Total Air Temperature (TAT) Sensor Element Connected to the ADR 2*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 34 - NAVIGATION 34-21 - Altitude and Airspeed Standby Data
-------------------------------------------------------------	------------------------------------------------------------------------------------------

34-21-01	Standby ALT Indicator
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Ident.: MI-34-21-00008572.0001001 / 22 MAY 19

1 Applicable to: LY-COB, LY-ELK, LY-OWL

34-21-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the aircraft is operated in day VMC conditions.

34-21-02	Bugs on the Standby ALT Indicator
-----------------	------------------------------------------

Ident.: MI-34-21-00008573.0001001 / 22 MAR 10

2 Applicable to: LY-COB, LY-ELK, LY-OWL

34-21-02A

Repair interval	Nbr installed	Nbr required	Placard
D	4	0	No

One or more may be inoperative.

34-21-03	Standby IAS Indicator
-----------------	------------------------------

Ident.: MI-34-21-00008575.0001001 / 22 MAY 19

3 Applicable to: LY-COB, LY-ELK, LY-OWL

34-21-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that:
- 1) The three ADRs are operative, and
 - 2) The three Probe Heat Computers are operative, and
 - 3) The Standby horizon is operative, and
 - 4) The AIR DATA SWITCHING selector, the EIS DMC SWITCHING selector and the PFD/ND XFR pb are checked operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 34-21-03A Standby IAS Indicator*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>34 - NAVIGATION</div> <div>34-21 - Altitude and Airspeed Standby Data</div>
------------------------------------------------------	-------------------------------------------------------------------------------------------------------

34-21-04	Bugs on the Standby IAS Indicator
----------	-----------------------------------

Ident.: MI-34-21-00008613.0001001 / 22 MAR 10

4 Applicable to: LY-COB, LY-ELK, LY-OWL

34-21-04A

Repair interval	Nbr installed	Nbr required	Placard
D	4	0	No

One or more may be inoperative.

34-21-05	Standby ALT Metric Indicator
----------	------------------------------

Ident.: MI-34-21-00008614.0001001 / 13 MAY 20

Applicable to: LY-COD, LY-RAM

34-21-05A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 34 - NAVIGATION 34-22 - Attitude and Heading Standby Data
------------------------------------------------------	-----------------------------------------------------------------------------------------

34-22-01	Standby Compass Indicator
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Ident.: MI-34-22-00008615.0001001 / 03 DEC 21

1 Applicable to: LY-COB

2

34-22-01B Applicable to aircraft fitted with NORTHROP GRUMMAN (LITTON) ADIRU P/N 465020-0303-0316 or subsequent, having the shelf modified (MOD 30650/SB 25-1248, or MOD 30872) or HONEYWELL ADIRU

Repair interval	Nbr installed	Nbr required	Placard
B	1	0	Yes

- (o) May be inoperative provided that:
 - 1) The three IRs are operative, and
 - 2) The ATT/HDG SWITCHING selector, the EIS DMC SWITCHING selector and the PFD/ND XFR pb are checked operative.

_____ Reference(s) _____

(o) Refer to OpsProc 34-22-01B Standby Compass Indicator

34-22-01	Standby Compass Indicator
-----------------	----------------------------------

Ident.: MI-34-22-00008615.0004001 / 03 DEC 21

Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

3

34-22-01B Applicable to aircraft fitted with NORTHROP GRUMMAN (LITTON) ADIRU P/N 465020-0303-0316 or subsequent, having the shelf modified (MOD 30650/SB 25-1248, or MOD 30872) or HONEYWELL ADIRU

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that:
 - 1) The three IRs are operative, and
 - 2) The ATT/HDG SWITCHING selector, the EIS DMC SWITCHING selector and the PFD/ND XFR pb are checked operative.

_____ Reference(s) _____

(o) Refer to OpsProc 34-22-01B Standby Compass Indicator

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>34 - NAVIGATION</div> <div>34-22 - Attitude and Heading Standby Data</div>
-------------------------------------------------------------	------------------------------------------------------------------------------------------------------

Continued from the previous page

34-22-01C Applicable to aircraft fitted with **NORTHROP GRUMMAN (LITTON) ADIRU P/N 465020-0303-0316** or subsequent, having the shelf modified (Mod 30650/SB 25-1248, or MOD 30872) or **HONEYWELL ADIRU**

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that:

- 1) The three IRs are operative, and
- 2) The DDRMI is operative.

34-22-02	Standby Compass Lighting
----------	--------------------------

Ident.: MI-34-22-00008616.0001001 / 22 MAR 10

Applicable to: ALL

34-22-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative.

34-22-03	Standby Horizon Indicator
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Ident.: MI-34-22-00008617.0001001 / 03 DEC 21

Applicable to: LY-COB, LY-ELK, LY-OWL

34-22-03B Applicable to aircraft fitted with **NORTHROP GRUMMAN (LITTON) ADIRU P/N 465020-0303-0316** or subsequent, having the shelf modified (MOD 30650/SB 25-1248, or MOD 30872) or **HONEYWELL ADIRU**

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that the aircraft is operated in day VMC conditions.

Reference(s)

- (o) Refer to OpsProc 34-22-03B Standby Horizon Indicator

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 34 - NAVIGATION 34-23 - Integrated Standby Instrument System (ISIS)
-------------------------------------------------------------	---------------------------------------------------------------------------------------------------

34-23-01	ISIS Altitude Indication
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Ident.: MI-34-23-00008618.0001001 / 22 MAY 19

Applicable to: LY-COD, LY-EMU, LY-RAM

34-23-01A

Repair interval	Nbr installed	Nbr required	Placard
B	1	0	No

May be inoperative provided that the aircraft is operated in day VMC conditions.

34-23-02	ISIS Airspeed Indication
-----------------	---------------------------------

Ident.: MI-34-23-00008619.0005001 / 22 MAY 19

Applicable to: LY-COD, LY-EMU, LY-RAM

34-23-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative provided that:

- 1) The ISIS attitude indication is operative, and
- 2) The ADRs, DMCs and probe heat computers are operative, and
- 3) The AIR DATA SWITCHING selector, the EIS DMC SWITCHING selector and the PFD/ND XFR pb are operative.

34-23-03	ISIS Bugs Indication
-----------------	-----------------------------

Ident.: MI-34-23-00008620.0001001 / 27 JUN 11

Applicable to: LY-COD, LY-EMU, LY-RAM

34-23-03A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 34 - NAVIGATION 34-23 - Integrated Standby Instrument System (ISIS)
------------------------------------------------------	---------------------------------------------------------------------------------------------------

34-23-04	ISIS Attitude Indication
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Ident.: MI-34-23-00008621.0001001 / 03 DEC 21
Applicable to: LY-COD, LY-EMU, LY-RAM

34-23-04B Applicable to aircraft fitted with NORTHROP GRUMMAN (LITTON) ADIRU P/N 465020-0303-0316 or subsequent, having the shelf modified (MOD 30650/SB 25-1248, or MOD 30872) or HONEYWELL ADIRU

Repair interval	Nbr installed	Nbr required	Placard
B	1	0	No

(o) May be inoperative provided that the aircraft is operated in day VMC conditions.

Reference(s)

(o) Refer to OpsProc 34-23-04B ISIS Attitude Indication

34-23-05	ISIS ILS Indication
-----------------	----------------------------

Ident.: MI-34-23-00008622.0001001 / 27 JUN 11
Applicable to: LY-COD, LY-EMU, LY-RAM

34-23-05A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

May be inoperative.

34-23-06	ISIS Mach Number Indication
-----------------	------------------------------------

Ident.: MI-34-23-00008623.0001001 / 27 JUN 11
Applicable to: LY-COD, LY-EMU, LY-RAM

34-23-06A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL ITEMS 34 - NAVIGATION 34-30 - Landing and Taxiing Aid </div>
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------

34-30-04	Instrument Landing System (ILS)
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Ident.: MI-34-30-00008627.0003001 / 22 MAY 19

Applicable to: LY-COD, LY-EMU, LY-RAM

34-30-04A ILS 1 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) ILS 1 may be inoperative provided that:
 - 1) ETOPS requiring ILS is not conducted, and
 - 2) The GPWS G/S basic mode (mode 5) is considered inoperative, and
Refer to Item 34-40-01 GPWS Basic Modes
 - 3) ISIS ILS indication is considered inoperative.
Refer to Item 34-23-05 ISIS ILS Indication

_____ Reference(s) _____

- (o) *Refer to OpsProc 34-30-04A Instrument Landing System (ILS) (ILS 1 or ILS 2 inoperative)*

34-30-04B ILS 2 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) ILS 2 may be inoperative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 34-30-04B Instrument Landing System (ILS) (ILS 1 or ILS 2 inoperative)*
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL ITEMS 34 - NAVIGATION 34-30 - Landing and Taxiing Aid </div>
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34-30-04C One or both inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative provided that:

- 1) ETOPS requiring ILS is not conducted, and
- 2) Approach and landing procedures are not based on the use of ILS, and
- 3) The GPWS G/S basic mode (mode 5) is considered inoperative, and
Refer to Item 34-40-01 GPWS Basic Modes
- 4) ISIS ILS indication is considered inoperative.
Refer to Item 34-23-05 ISIS ILS Indication

34-30-04	Instrument Landing System (ILS)
-----------------	----------------------------------------

Ident.: MI-34-30-00008627.0002001 / 22 MAY 19

Applicable to: LY-COB, LY-ELK, LY-OWL

34-30-04A ILS 1 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) ILS 1 may be inoperative provided that:
- 1) ETOPS requiring ILS is not conducted, and
 - 2) The GPWS G/S basic mode (mode 5) is considered inoperative.
Refer to Item 34-40-01 GPWS Basic Modes

_____ Reference(s) _____

- (o) *Refer to OpsProc 34-30-04A Instrument Landing System (ILS) (ILS 1 or ILS 2 inoperative)*

34-30-04B ILS 2 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) ILS 2 may be inoperative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 34-30-04B Instrument Landing System (ILS) (ILS 1 or ILS 2 inoperative)*

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>34 - NAVIGATION</div> <div>34-30 - Landing and Taxiing Aid</div>
------------------------------------------------------	--------------------------------------------------------------------------------------------

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34-30-04C One or both inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative provided that:

- 1) ETOPS requiring ILS is not conducted, and
- 2) Approach and landing procedures are not based on the use of ILS, and
- 3) The GPWS G/S basic mode (mode 5) is considered inoperative.

Refer to Item 34-40-01 GPWS Basic Modes

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 34 - NAVIGATION 34-30 - Landing and Taxiing Aid
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 34 - NAVIGATION 34-40 - GPWS, Radio Altimeter, TCAS, Weather Radar</p>
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------

34-40-01	GPWS basic modes
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Ident.: MI-34-40-00008697.0001001 / 22 MAY 19
Applicable to: ALL

34-40-01A Predictive GPWS Functions inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	Yes

May be inoperative for 6 flights or two consecutive calendar days, whichever occurs first.

34-40-01B Predictive GPWS Functions operative

Repair interval	Nbr installed	Nbr required	Placard
B	1	0	Yes

May be inoperative provided that the Predictive GPWS Functions are operative.

34-40-02	Predictive GPWS Functions
-----------------	----------------------------------

Ident.: MI-34-40-00021889.0002001 / 22 MAY 19
Applicable to: ALL

34-40-02A

Repair interval	Nbr installed	Nbr required	Placard
B	1	0	Yes

- (o) May be inoperative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 34-40-02A Predictive GPWS Functions*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>34 - NAVIGATION</div> <div>34-40 - GPWS, Radio Altimeter, TCAS, Weather Radar</div>
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------

34-40-03	Radio Altimeter Automatic Callout
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Ident.: MI-34-40-00008698.0001001 / 22 MAY 19

Applicable to: ALL

34-40-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative.
- Reference(s)
- (o) Refer to OpsProc 34-40-03A Radio Altimeter Automatic Callout

34-40-04	Radio Altimeter System
----------	------------------------

Ident.: MI-34-40-00008699.0001001 / 22 MAY 19

Applicable to: LY-COB, LY-COD, LY-ELK, LY-EMU, LY-OWL

34-40-04A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) One may be inoperative provided that both FCU channels, all ELACs, SECs, ADIRUs, SFCCs, LGCIUs and FACs are operative.
- Note:

When the radio altimeter 1 is inoperative, the GPWS basic modes are considered inoperative.

Refer to Item 34-40-01 GPWS Basic Modes
- Reference(s)
- (o) Refer to OpsProc 34-40-04A Radio Altimeter System

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 34 - NAVIGATION 34-40 - GPWS, Radio Altimeter, TCAS, Weather Radar</p>
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------

34-40-04	Radio Altimeter System
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Ident.: MI-34-40-00008699.0004001 / 22 MAY 19

Applicable to: LY-RAM

34-40-04A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) One may be inoperative provided that both FCU channels, all ELACs, SECs, ADIRUs, SFCCs, LGCIUs and FACs are operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 34-40-04A Radio Altimeter System*

34-40-05	Traffic Collision Avoidance System (TCAS)
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Ident.: MI-34-40-00021890.0001001 / 21 NOV 17

Applicable to: ALL

34-40-05A

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	Yes

May be inoperative for 10 consecutive calendar days.

34-40-06	Weather Radar System
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Ident.: MI-34-40-00008701.0001001 / 03 DEC 21

² Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

³

34-40-06A Day VMC Conditions

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that:

- 1) The aircraft is operated in day VMC conditions, and
- 2) The Predictive Windshear Detection System is considered inoperative.

Refer to Item 34-40-07 Predictive Windshear Detection System.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 34 - NAVIGATION 34-40 - GPWS, Radio Altimeter, TCAS, Weather Radar</p>
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

34-40-06B No Hazardous Weather Conditions Forecasted

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that:

- 1) No hazardous weather conditions (e.g. thunderstorm) are forecasted along the intended route, and
- 2) The Predictive Windshear Detection System is considered inoperative.

Refer to Item 34-40-07 Predictive Windshear Detection System.

34-40-06	Weather Radar System
Ident.: MI-34-40-00008701.0002001 / 03 DEC 21 Applicable to: LY-COB	

34-40-06A Day VMC Conditions

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative provided that:

- 1) The aircraft is operated in day VMC conditions, and
- 2) The Predictive Windshear Detection System is considered inoperative.

Refer to Item 34-40-07 Predictive Windshear Detection System.

34-40-06B No Hazardous Weather Conditions Forecasted

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative provided that:

- 1) No hazardous weather conditions (e.g. thunderstorm) are forecasted along the intended route, and
- 2) The Predictive Windshear Detection System is considered inoperative.

Refer to Item 34-40-07 Predictive Windshear Detection System.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 34 - NAVIGATION 34-40 - GPWS, Radio Altimeter, TCAS, Weather Radar</p>
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

34-40-06C One Inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	2	1	Yes

- (o) One may be inoperative provided that the associated Predictive Windshear Detection System is considered inoperative.

Refer to Item 34-40-07 Predictive Windshear Detection System.

_____ Reference(s) _____

- (o) *Refer to OpsProc 34-40-06C Weather Radar System*

34-40-07	Predictive Windshear Detection System
-----------------	----------------------------------------------

Ident.: MI-34-40-00007541.0001001 / 03 DEC 21

5 Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

6

34-40-07A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

34-40-07	Predictive Windshear Detection System
-----------------	----------------------------------------------

Ident.: MI-34-40-00007541.0002001 / 03 DEC 21

Applicable to: LY-COB

7

34-40-07A Both Inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 34 - NAVIGATION 34-40 - GPWS, Radio Altimeter, TCAS, Weather Radar</p>
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

34-40-07B One Inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	2	1	Yes

- (o) One may be inoperative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 34-40-07B Weather Radar System*

34-40-08	GPWS-G/S pb-sw
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Ident.: MI-34-40-00008702.0001001 / 22 MAY 19

Applicable to: LY-ELK, LY-OWL

34-40-08A One inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

- (o) One may be inoperative provided that the aural and visual warnings associated with the GPWS basic modes and the predictive GPWS functions are checked operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 34-40-08A GPWS/PULL UP-G/S pb-sw*

34-40-08B Both inoperative

Repair interval	Nbr installed	Nbr required	Placard
–	2	0	Yes

One or both may be inoperative provided that the GPWS basic modes and the predictive GPWS functions are considered inoperative.

Refer to Item 34-40-01 GPWS Basic Modes, and

Refer to Item 34-40-02 Predictive GPWS Functions.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 34 - NAVIGATION 34-40 - GPWS, Radio Altimeter, TCAS, Weather Radar</p>
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------

34-40-08	PULL UP-GPWS pb-sw
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Ident.: MI-34-40-00008702.0002001 / 22 MAY 19

Applicable to: LY-COB, LY-COD, LY-EMU, LY-RAM

34-40-08A One inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

- (o) One may be inoperative provided that the aural and visual warnings associated with the GPWS basic modes and the predictive GPWS functions are checked operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 34-40-08A GPWS/PULL UP-G/S pb-sw*

34-40-08B Both inoperative

Repair interval	Nbr installed	Nbr required	Placard
–	2	0	Yes

One or both may be inoperative provided that the GPWS basic modes and the predictive GPWS functions are considered inoperative.

Refer to Item 34-40-01 GPWS Basic Modes, and

Refer to Item 34-40-02 Predictive GPWS Functions.

34-40-12	TERR on ND pb-sw ON light
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Ident.: MI-34-40-00024550.0002001 / 17 NOV 20

Applicable to: ALL

34-40-12A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 34 - NAVIGATION 34-40 - GPWS, Radio Altimeter, TCAS, Weather Radar
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 34 - NAVIGATION 34-50 - ATC and Radio/GPS Navigation Systems
-------------------------------------------------------------	--------------------------------------------------------------------------------------------

34-50-01	ATC
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Ident.: MI-34-50-00021892.0001001 / 21 NOV 17

Applicable to: ALL

34-50-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

- (o) One may be inoperative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 34-50-01A ATC*

34-50-03	ADF
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Ident.: MI-34-50-00008705.0001001 / 03 MAR 21

Applicable to: LY-COB

34-50-03A Two ADFs installed and ADF 1 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

ADF1 may be inoperative provided that ETOPS flight requiring ADF is not conducted.

34-50-03B Two ADFs installed and ADF 2 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

ADF 2 may be inoperative.

34-50-03C One or two ADFs installed

Repair interval	Nbr installed	Nbr required	Placard
D	2	0	No

One or both may be inoperative provided that navigation and approach procedures are not based on the use of the ADF.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 34 - NAVIGATION 34-50 - ATC and Radio/GPS Navigation Systems</p>
------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------

34-50-03	ADF
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Ident.: MI-34-50-00008705.9001002 / 03 MAR 21

Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

34-50-03C One or two ADFs installed

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

One or both may be inoperative provided that navigation and approach procedures are not based on the use of the ADF.

34-50-04	DME
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Ident.: MI-34-50-00008706.0001001 / 22 MAY 19

Applicable to: ALL

34-50-04A DME 1 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

DME 1 may be inoperative provided that ETOPS requiring DME is not conducted.

34-50-04B DME 2 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

DME 2 may be inoperative.

34-50-04C One or both inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative provided that:

- 1) Two FMS are operative, and
- 2) Departure, navigation and approach procedures are not based on the use of the DME.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 34 - NAVIGATION 34-50 - ATC and Radio/GPS Navigation Systems
-------------------------------------------------------------	--------------------------------------------------------------------------------------------

34-50-05	VOR
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Ident.: MI-34-50-00008707.0001001 / 13 MAY 20

Applicable to: ALL

34-50-05A VOR 1 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

VOR 1 may be inoperative provided that:

- 1) ETOPS requiring VOR is not conducted, and
- 2) The MARKER is considered inoperative.

Refer to Item 34-50-06 MARKER.

34-50-05B VOR 2 inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

VOR 2 may be inoperative.

34-50-05C One or both inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative provided that:

- 1) Two FMS are operative, and
- 2) Departure, navigation and approach procedures are not based on the use of the VOR, and
- 3) If VOR 1 is inoperative, the MARKER is considered inoperative.

Refer to Item 34-50-06 MARKER.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>34 - NAVIGATION</div> <div>34-50 - ATC and Radio/GPS Navigation Systems</div>
------------------------------------------------------	---------------------------------------------------------------------------------------------------------

34-50-06	MARKER
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Ident.: MI-34-50-00009155.0001001 / 22 MAY 19

Applicable to: ALL

34-50-06A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative provided that approach procedures do not require marker fixes.

34-50-07	DDRMI
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Ident.: MI-34-50-00008708.0001001 / 03 DEC 21

Applicable to: LY-COB

34-50-07A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

Note: No entry in the logbook is necessary when the DDRMI is intentionally deactivated.

34-50-07	DDRMI
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Ident.: MI-34-50-00008708.0004001 / 15 NOV 18

Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

34-50-07A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	Yes

May be inoperative.

Note: This item still applies if DDRMI is deactivated by AMM task 34-57-00-040-801-A. AMM task 34-57-00-040-801-A allows cooling down of the DDRMI for maintenance purposes, even if aircraft is in operation.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 34 - NAVIGATION 34-50 - ATC and Radio/GPS Navigation Systems
------------------------------------------------------	--------------------------------------------------------------------------------------------

34-50-09	Global Positioning System (GPS)
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Ident.: MI-34-50-00008710.0002001 / 03 DEC 21

Applicable to: LY-COB

3

34-50-09D One inoperative for aircraft with ATC standard including ADS-B OUT function DO260 or DO260B compliant

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) One may be inoperative.

Reference(s)

- (o) Refer to OpsProc 34-50-09D Global Positioning System (GPS)

34-50-09F One or both inoperative for aircraft with ATC standard including ADS-B OUT function DO260 or DO260B compliant

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) One or both may be inoperative provided that:
 - 1) One DME is operative, and
 - 2) Navigation, departure, approach and landing procedures are not based on the use of GPS.

Note: If GPS 1 and GPS 2 are inoperative, the ADS-B OUT Function is considered inoperative. Refer to Item 34-50-10 ADS-B OUT Function

Reference(s)

- (o) Refer to OpsProc 34-50-09F Global Positioning System (GPS)

34-50-09	Global Positioning System (GPS)
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⁴Ident.: MI-34-50-00008710.9001002 / 03 DEC 21

⁵Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>34 - NAVIGATION</div> <div>34-50 - ATC and Radio/GPS Navigation Systems</div>
-------------------------------------------------------------	---------------------------------------------------------------------------------------------------------

Continued from the previous page

34-50-09D One inoperative for aircraft with ATC standard including ADS-B OUT function DO260 or DO260B compliant

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) One may be inoperative.

Reference(s)
- (o) Refer to OpsProc 34-50-09D Global Positioning System (GPS)

34-50-09F One or both inoperative for aircraft with ATC standard including ADS-B OUT function DO260 or DO260B compliant

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) One or both may be inoperative provided that:
 - One DME is operative, and
 - Navigation, departure, approach and landing procedures are not based on the use of GPS.

Note: If GPS 1 and GPS 2 are inoperative, the ADS-B OUT Function is considered inoperative. Refer to Item 34-50-10 ADS-B OUT Function

- Reference(s)
- (o) Refer to OpsProc 34-50-09F Global Positioning System (GPS)

34-50-10	ADS-B OUT Function
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Ident.: MI-34-50-00015320.0001001 / 18 AUG 21

Applicable to: LY-COB

6 34-50-10A Not required for the intended route

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

May be inoperative provided that it is not required for the intended route.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 34 - NAVIGATION 34-50 - ATC and Radio/GPS Navigation Systems</p>
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------

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7 34-50-10B Required for the intended route out of Single European Sky

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative provided that:
- 1) Permission is obtained from the Air Navigation Service Provider(s) when required for the intended route, and
 - 2) Operations are not conducted in the Single European Sky.

_____ Reference(s) _____

- (o) *Refer to OpsProc 34-50-10B ADS-B OUT Function (Required for the intended route out of Single European Sky)*

8 34-50-10C Required for the intended route in Single European Sky

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

- (o) May be inoperative for three consecutive calendar days provided that permission is obtained from the Air Navigation Service Provider(s) when required for the intended route.

_____ Reference(s) _____

- (o) *Refer to OpsProc 34-50-10C ADS-B OUT Function (Required for the intended route in Single European Sky)*

34-50-10	ADS-B OUT Function
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⁹ Ident.: MI-34-50-00015320.9001002 / 03 DEC 21

¹⁰ Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

34-50-10A Not required for the intended route

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

May be inoperative provided that it is not required for the intended route.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>34 - NAVIGATION</div> <div>34-50 - ATC and Radio/GPS Navigation Systems</div>
------------------------------------------------------	---------------------------------------------------------------------------------------------------------

Continued from the previous page

34-50-10B Required for the intended route out of Single European Sky

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative provided that:

1) Permission is obtained from the Air Navigation Service Provider(s) when required for the intended route, and
2) Operations are not conducted in the Single European Sky.

Reference(s)
- (o) Refer to OpsProc 34-50-10B ADS-B OUT Function (Required for the intended route out of Single European Sky)

34-50-10C Required for the intended route in Single European Sky

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

- (o) May be inoperative for three consecutive calendar days provided that permission is obtained from the Air Navigation Service Provider(s) when required for the intended route.

Reference(s)
- (o) Refer to OpsProc 34-50-10C ADS-B OUT Function (Required for the intended route in Single European Sky)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 35 - OXYGEN 35-01 - Overhead Panels 35-01-01 - OXYGEN Overhead Panel
------------------------------------------------------	-------------------------------------------------------------------------------------------------------

35-01-01-01	CREW SUPPLY pb-sw OFF light
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Ident.: MI-35-01-01-00008727.0001001 / 22 MAR 10

Applicable to: ALL

35-01-01-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

35-01-01-02	PASSENGER SYS ON light
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Ident.: MI-35-01-01-00008729.0001001 / 22 MAR 10

Applicable to: ALL

35-01-01-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

35-01-01-03	HI ALT LANDING pb-sw ON light
--------------------	--------------------------------------

Ident.: MI-35-01-01-00008730.0001001 / 22 MAR 10

Applicable to: LY-EMU

35-01-01-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 35 - OXYGEN 35-01 - Overhead Panels 35-01-01 - OXYGEN Overhead Panel
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------

35-01-01-31	MANUAL Control of the MASK MAN ON pb
-------------	---------------------------------------------

Ident.: MI-35-01-01-00008731.0001001 / 19 MAY 21

Applicable to: **ALL**

35-01-01-31A AUTO control function checked operative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(m) May be inoperative provided that the AUTO control function is checked operative.

_____ Reference(s) _____

(m) *Refer to AMM Task 35-23-00-040-008*

35-01-01-31B Altitude limited to 10 000 ft (3 000 m)

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the operating altitude is limited to 10 000 ft (3 000 m).

35-01-01-32	AUTO Control of the MASK MAN ON pb
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Ident.: MI-35-01-01-00008732.0001001 / 22 MAY 19

Applicable to: **ALL**

35-01-01-32A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(m) May be inoperative provided that:

- 1) The MANUAL Control of the passengers oxygen masks is checked operative, and
- 2) The operating altitude is limited to FL 300.

_____ Reference(s) _____

(m) *Refer to AMM Task 35-23-00-040-802*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 35 - OXYGEN 35-01 - Overhead Panels 35-01-01 - OXYGEN Overhead Panel
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------

35-01-01-33	HI ALT LANDING pb-sw
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Ident.: MI-35-01-01-00008735.0001001 / 22 MAY 19

Applicable to: LY-EMU

35-01-01-33A Passenger oxygen AUTO control checked operative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(o)(m) May be inoperative provided that the passenger oxygen AUTO control is checked operative.

_____ Reference(s) _____

(o) *Refer to OpsProc 35-01-01-33A HI ALT LANDING pb-sw*

(m) *Refer to AMM Task 35-23-00-040-001*

35-01-01-33B Passenger oxygen AUTO control considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the passenger oxygen AUTO control is considered inoperative.

Refer to Item 35-01-01-32 AUTO Control of the MASK MAN ON pb

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 35 - OXYGEN 35-01 - Overhead Panels 35-01-01 - OXYGEN Overhead Panel
------------------------------------------------------	-------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 35 - OXYGEN 35-07 - Indications on the DOOR/OXY SD page</p>
-------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------

35-07-01	Crew OXY High Pressure Indication on the <u>DOOR/OXY</u> SD page
-----------------	-------------------------------------------------------------------------

Ident.: MI-35-07-00008773.0001001 / 22 MAY 19

Applicable to: ALL

35-07-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(o)(m) May be inoperative provided that the oxygen pressure is checked by direct reading before each flight.

_____ Reference(s) _____

(o) *Refer to OpsProc 35-07-01A Crew OXY High Pressure Indication on the DOOR/OXY SD page*

(m) *Refer to AMM Task 35-10-00-040-001*

35-07-02	Crew Oxygen REGUL LO PR Indication on the <u>DOOR/OXY</u> SD page
-----------------	--------------------------------------------------------------------------

Ident.: MI-35-07-00008773.0001001 / 22 MAR 10

Applicable to: ALL

35-07-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(o)(m) May be inoperative provided that the oxygen pressure is checked before the first flight of each day.

_____ Reference(s) _____

(o) *Refer to OpsProc 35-07-02A Crew Oxygen REGUL LO PR Indication on the DOOR/OXY SD page*

(m) *Refer to AMM 35-10-00-040-002*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 35 - OXYGEN 35-07 - Indications on the DOOR/OXY SD page
------------------------------------------------------	---------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 35 - OXYGEN 35-10 - Crew Oxygen
------------------------------------------------------	---------------------------------------------------------------

35-10-01	Crew Oxygen Mask
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Ident.: MI-35-10-00008748.0001001 / 03 MAR 21

Applicable to: LY-COB, LY-COD, LY-ELK, LY-EMU, LY-OWL

35-10-01A

Repair interval	Nbr installed	Nbr required	Placard
C	4	2	Yes

Each occupant of the cockpit must have his assigned mask operative.

35-10-01	Crew Oxygen Mask
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Ident.: MI-35-10-00008748.9001002 / 03 MAR 21

Applicable to: LY-RAM

35-10-01A

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	Yes

Each occupant of the cockpit must have his assigned mask operative.

35-10-02	Crew Oxygen Mask Microphone
-----------------	------------------------------------

Ident.: MI-35-10-00008749.0001001 / 13 MAY 20

Applicable to: LY-COB, LY-COD, LY-ELK, LY-EMU, LY-OWL

35-10-02A

Repair interval	Nbr installed	Nbr required	Placard
C	4	2	Yes

One must be operative for each pilot.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 35 - OXYGEN 35-10 - Crew Oxygen
------------------------------------------------------	---------------------------------------------------------------

35-10-02	Crew Oxygen Mask Microphone
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Ident.: MI-35-10-00008749.9001002 / 03 MAR 21
Applicable to: LY-RAM

35-10-02A

Repair interval	Nbr installed	Nbr required	Placard
C	3	2	Yes

One must be operative for each pilot.

35-10-03	Exterior Crew Oxygen Overpressure Indicator Disc (Green Disc)
-----------------	----------------------------------------------------------------------

Ident.: MI-35-10-00008751.0001001 / 13 MAY 20
Applicable to: ALL

35-10-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(o) May be missing or damaged.

Reference(s)

(o) Refer to OpsProc 35-10-03A Exterior Crew Oxygen Overpressure Indicator Disc (Green Disc)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 35 - OXYGEN 35-20 - Passenger Oxygen
------------------------------------------------------	--------------------------------------------------------------------

35-20-01	Passenger Oxygen Unit
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Ident.: MI-35-20-00008753.0001001 / 27 MAY 21

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

35-20-01A Associated seats considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	60	–	No

One or more may be inoperative provided that the associated seats are considered inoperative.

Refer to Item 25-20-01 Passenger Seat

35-20-01B Altitude limited to 10 000 ft (3 000 m)

Repair interval	Nbr installed	Nbr required	Placard
C	60	0	Yes

One or more may be inoperative provided that the operating altitude is limited to 10 000 ft (3 000 m).

35-20-01	Passenger Oxygen Unit
-----------------	------------------------------

Ident.: MI-35-20-00008753.9001002 / 27 MAY 21

Applicable to: LY-COD

35-20-01A Associated seats considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	48	–	No

One or more may be inoperative provided that the associated seats are considered inoperative.

Refer to Item 25-20-01 Passenger Seat

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 35 - OXYGEN 35-20 - Passenger Oxygen</p>
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35-20-01B Altitude limited to 10 000 ft (3 000 m)

Repair interval	Nbr installed	Nbr required	Placard
C	48	0	Yes

One or more may be inoperative provided that the operating altitude is limited to 10 000 ft (3 000 m).

35-20-01	Passenger Oxygen Unit
-----------------	------------------------------

Ident.: MI-35-20-00008753.9001003 / 27 MAY 21
Applicable to: LY-RAM

35-20-01A Associated seats considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	50	–	No

One or more may be inoperative provided that the associated seats are considered inoperative.
Refer to Item 25-20-01 Passenger Seat

35-20-01B Altitude limited to 10 000 ft (3 000 m)

Repair interval	Nbr installed	Nbr required	Placard
C	50	0	Yes

One or more may be inoperative provided that the operating altitude is limited to 10 000 ft (3 000 m).

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 35 - OXYGEN 35-20 - Passenger Oxygen
------------------------------------------------------	--------------------------------------------------------------------

35-20-02	Cabin Attendant Oxygen Unit
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Ident.: MI-35-20-00008755.0001001 / 27 MAY 21

Applicable to: LY-COB, LY-COD, LY-ELK, LY-EMU, LY-OWL

35-20-02A Associated seats considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	5	–	No

One or more may be inoperative provided that the associated seats are considered inoperative.

Refer to Item 25-20-09 Cabin Attendant Seat

35-20-02B Altitude limited to 10 000 ft (3 000 m)

Repair interval	Nbr installed	Nbr required	Placard
C	5	0	Yes

One or more may be inoperative provided that the operating altitude is limited to 10 000 ft (3 000 m).

35-20-02	Cabin Attendant Oxygen Unit
-----------------	------------------------------------

Ident.: MI-35-20-00008755.9001002 / 27 MAY 21

Applicable to: LY-RAM

35-20-02A Associated seats considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	6	–	No

One or more may be inoperative provided that the associated seats are considered inoperative.

Refer to Item 25-20-09 Cabin Attendant Seat

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 35 - OXYGEN 35-20 - Passenger Oxygen</p>
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35-20-02B Altitude limited to 10 000 ft (3 000 m)

Repair interval	Nbr installed	Nbr required	Placard
C	6	0	Yes

One or more may be inoperative provided that the operating altitude is limited to 10 000 ft (3 000 m).

35-20-03	Lavatory Oxygen Unit
-----------------	-----------------------------

Ident.: MI-35-20-00008756.0001001 / 03 MAR 21
Applicable to: LY-COB, LY-COD, LY-ELK, LY-EMU, LY-OWL

35-20-03A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

- One or more may be inoperative provided that:
- 1) The associated lavatory door is placarded inoperative and locked closed, and
 - 2) The lavatory is not used for storage or any other purpose.

35-20-03	Lavatory Oxygen Unit
-----------------	-----------------------------

Ident.: MI-35-20-00008756.9001002 / 03 MAR 21
Applicable to: LY-RAM

35-20-03A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

- One or more may be inoperative provided that:
- 1) The associated lavatory door is placarded inoperative and locked closed, and
 - 2) The lavatory is not used for storage or any other purpose.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 35 - OXYGEN 35-20 - Passenger Oxygen
------------------------------------------------------	--------------------------------------------------------------------

35-20-04	Galley Oxygen Unit
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Ident.: MI-35-20-00008757.0001001 / 03 MAR 21

Applicable to: LY-COB, LY-COD, LY-ELK, LY-EMU, LY-OWL

Note: For an inoperative cabin attendant oxygen unit located within the galley area:
Refer to Item 35-20-02 Cabin Attendant Oxygen Unit

35-20-04A Adjacent cabin attendant oxygen unit available

Repair interval	Nbr installed	Nbr required	Placard
C	5	0	Yes

- (o) One or more may be inoperative and the associated galley area may be occupied provided that an adjacent cabin attendant individual oxygen unit is available for each occupants of the associated galley area.

_____ Reference(s) _____

- (o) Refer to OpsProc 35-20-04A Galley Oxygen Unit (cabin attendant oxygen unit available near the galley)

35-20-04B Portable oxygen available in the associated galley area

Repair interval	Nbr installed	Nbr required	Placard
C	5	0	Yes

- (o) One or more may be inoperative and the associated galley area may be occupied provided that a cabin attendant portable oxygen device is available for each occupants of the associated galley area.

_____ Reference(s) _____

- (o) Refer to OpsProc 35-20-04B Galley Oxygen Unit (cabin attendant portable oxygen device available near the galley)

35-20-04C Altitude limited according to regulations

Repair interval	Nbr installed	Nbr required	Placard
C	5	0	Yes

One or more may be inoperative and the associated galley area may be occupied provided that the operating altitude is limited according to regulations.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 35 - OXYGEN 35-20 - Passenger Oxygen
-------------------------------------------------------------	--------------------------------------------------------------------

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35-20-04D Associated galley area not occupied

Repair interval	Nbr installed	Nbr required	Placard
C	5	0	Yes

One or more may be inoperative provided that the associated galley area is not occupied.

35-20-04	Galley Oxygen Unit
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Ident.: MI-35-20-00008757.9001002 / 03 MAR 21
Applicable to: LY-RAM

Note: For an inoperative cabin attendant oxygen unit located within the galley area:
Refer to Item 35-20-02 Cabin Attendant Oxygen Unit

35-20-04A Adjacent cabin attendant oxygen unit available

Repair interval	Nbr installed	Nbr required	Placard
C	6	0	Yes

- (o) One or more may be inoperative and the associated galley area may be occupied provided that an adjacent cabin attendant individual oxygen unit is available for each occupants of the associated galley area.

Reference(s)

- (o) Refer to OpsProc 35-20-04A Galley Oxygen Unit (cabin attendant oxygen unit available near the galley)

35-20-04B Portable oxygen available in the associated galley area

Repair interval	Nbr installed	Nbr required	Placard
C	6	0	Yes

- (o) One or more may be inoperative and the associated galley area may be occupied provided that a cabin attendant portable oxygen device is available for each occupants of the associated galley area.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 35 - OXYGEN 35-20 - Passenger Oxygen
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Reference(s)

- (o) Refer to OpsProc 35-20-04B Galley Oxygen Unit (cabin attendant portable oxygen device available near the galley)

35-20-04C Altitude limited according to regulations

Repair interval	Nbr installed	Nbr required	Placard
C	6	0	Yes

One or more may be inoperative and the associated galley area may be occupied provided that the operating altitude is limited according to regulations.

35-20-04D Associated galley area not occupied

Repair interval	Nbr installed	Nbr required	Placard
C	6	0	Yes

One or more may be inoperative provided that the associated galley area is not occupied.

35-20-05	Manual Release Tool
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Ident.: MI-35-20-00008758.0001001 / 13 MAY 20

Applicable to: LY-ELK, LY-OWL

35-20-05A

Repair interval	Nbr installed	Nbr required	Placard
D	6	1	No

One must be available.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 35 - OXYGEN 35-20 - Passenger Oxygen
------------------------------------------------------	--------------------------------------------------------------------

35-20-05	Manual Release Tool
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Ident.: MI-35-20-00008758.9001002 / 19 AUG 20
Applicable to: LY-COB, LY-COD, LY-EMU, LY-RAM

35-20-05A

Repair interval	Nbr installed	Nbr required	Placard
D	4	1	No

One must be available.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>35 - OXYGEN</div> <div>35-30 - Portable Oxygen</div>
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35-30-01	Portable Oxygen Unit
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Ident.: MI-35-30-00021901.9001006 / 03 MAR 21

Applicable to: LY-COD, LY-RAM

35-30-01A Non-required Portable oxygen unit inoperative or missing

Repair interval	Nbr installed	Nbr required	Placard
D	4	0	Yes

- (o) One or more non-required units may be inoperative and removed, or missing provided that the required distribution of the operative units is maintained throughout the cabin.

Note: *Inoperative portable oxygen units may be subject to dangerous goods requirements.*

Note: *One or more units may be inoperative or removed, or missing for non-revenue flight, with no pax and cabin crew.*

_____ Reference(s) _____

- (o) *Refer to OpsProc 35-30-01A Portable Oxygen Unit (non-required units inoperative or missing)*

35-30-01B Portable oxygen unit partially filled

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	No

- (o) One or more may be partially filled provided that the oxygen quantity is checked sufficient before each flight.

Note: *One or more units may be inoperative or removed, or missing for non-revenue flight, with no pax and cabin crew.*

_____ Reference(s) _____

- (o) *Refer to OpsProc 35-30-01B Portable Oxygen Units (partially filled)*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>35 - OXYGEN</div> <div>35-30 - Portable Oxygen</div>
------------------------------------------------------	--------------------------------------------------------------------------------

35-30-01	Portable Oxygen Unit
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Ident.: MI-35-30-00021901.9001007 / 03 MAR 21

Applicable to: LY-COB

35-30-01A Non-required Portable oxygen unit inoperative or missing

Repair interval	Nbr installed	Nbr required	Placard
D	5	0	Yes

- (o) One or more non-required units may be inoperative and removed, or missing provided that the required distribution of the operative units is maintained throughout the cabin.

Note: Inoperative portable oxygen units may be subject to dangerous goods requirements.

Note: One or more units may be inoperative or removed, or missing for non-revenue flight, with no pax and cabin crew.

Reference(s)

- (o) Refer to OpsProc 35-30-01A Portable Oxygen Unit (non-required units inoperative or missing)

35-30-01B Portable oxygen unit partially filled

Repair interval	Nbr installed	Nbr required	Placard
C	5	0	No

- (o) One or more may be partially filled provided that the oxygen quantity is checked sufficient before each flight.

Note: One or more units may be inoperative or removed, or missing for non-revenue flight, with no pax and cabin crew.

Reference(s)

- (o) Refer to OpsProc 35-30-01B Portable Oxygen Units (partially filled)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>35 - OXYGEN</div> <div>35-30 - Portable Oxygen</div>
------------------------------------------------------	--------------------------------------------------------------------------------

35-30-01	Portable Oxygen Unit
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Ident.: MI-35-30-00021901.9001008 / 03 MAR 21

Applicable to: LY-ELK, LY-EMU, LY-OWL

35-30-01A Non-required Portable oxygen unit inoperative or missing

Repair interval	Nbr installed	Nbr required	Placard
D	6	0	Yes

- (o) One or more non-required units may be inoperative and removed, or missing provided that the required distribution of the operative units is maintained throughout the cabin.

Note: *Inoperative portable oxygen units may be subject to dangerous goods requirements.*

Note: *One or more units may be inoperative or removed, or missing for non-revenue flight, with no pax and cabin crew.*

_____ Reference(s) _____

- (o) *Refer to OpsProc 35-30-01A Portable Oxygen Unit (non-required units inoperative or missing)*

35-30-01B Portable oxygen unit partially filled

Repair interval	Nbr installed	Nbr required	Placard
C	6	0	No

- (o) One or more may be partially filled provided that the oxygen quantity is checked sufficient before each flight.

Note: *One or more units may be inoperative or removed, or missing for non-revenue flight, with no pax and cabin crew.*

_____ Reference(s) _____

- (o) *Refer to OpsProc 35-30-01B Portable Oxygen Units (partially filled)*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 35 - OXYGEN 35-30 - Portable Oxygen
------------------------------------------------------	-------------------------------------------------------------------

35-30-02	Flight Crew Portable Protective Breathing Equipment
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Ident.: MI-35-30-00021902.0001001 / 13 MAY 20

Applicable to: LY-COB, LY-ELK, LY-OWL

35-30-02A

Repair interval	Nbr installed	Nbr required	Placard
D	2	1	Yes

One or more may be inoperative and removed, or missing provided that one flight crew portable protective breathing equipment is operative.

Note: *Inoperative portable protective breathing equipment units may be subject to dangerous goods requirements.*

35-30-02	Flight Crew Portable Protective Breathing Equipment
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Ident.: MI-35-30-00021902.9001002 / 13 MAY 20

Applicable to: LY-COD, LY-EMU, LY-RAM

35-30-02A

Repair interval	Nbr installed	Nbr required	Placard
D	1	1	Yes

One or more may be inoperative and removed, or missing provided that one flight crew portable protective breathing equipment is operative.

Note: *Inoperative portable protective breathing equipment units may be subject to dangerous goods requirements.*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 35 - OXYGEN 35-30 - Portable Oxygen
------------------------------------------------------	-------------------------------------------------------------------

35-30-03	Cabin Crew Portable Protective Breathing Equipment
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Ident.: MI-35-30-00021903.9001002 / 03 MAR 21

Applicable to: LY-RAM

35-30-03A

Repair interval	Nbr installed	Nbr required	Placard
D	4	–	Yes

One or more may be inoperative and removed, or missing provided that one cabin crew portable protective breathing equipment is operative for each required cabin crewmember.

Note: *Inoperative portable protective breathing equipment units may be subject to dangerous goods requirement.*

35-30-03	Cabin Crew Portable Protective Breathing Equipment
-----------------	-----------------------------------------------------------

Ident.: MI-35-30-00021903.9001003 / 03 MAR 21

Applicable to: LY-COB, LY-EMU

35-30-03A

Repair interval	Nbr installed	Nbr required	Placard
D	5	–	Yes

One or more may be inoperative and removed, or missing provided that one cabin crew portable protective breathing equipment is operative for each required cabin crewmember.

Note: *Inoperative portable protective breathing equipment units may be subject to dangerous goods requirement.*

A318/A319/A320/A321
MINIMUM EQUIPMENT LIST

MEL ITEMS
35 - OXYGEN
35-30 - Portable Oxygen

35-30-03

Cabin Crew Portable Protective Breathing Equipment

Ident.: MI-35-30-00021903.9001004 / 03 MAR 21

Applicable to: LY-COD, LY-ELK, LY-OWL

35-30-03A

Repair interval	Nbr installed	Nbr required	Placard
D	6	–	Yes

One or more may be inoperative and removed, or missing provided that one cabin crew portable protective breathing equipment is operative for each required cabin crewmember.

Note: Inoperative portable protective breathing equipment units may be subject to dangerous goods requirement.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL ITEMS 36 - PNEUMATIC 36-00 - MAINTENANCE Message on the STATUS SD page </div>
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36-00-01	AIR BLEED MAINTENANCE Message
-----------------	--------------------------------------

Ident.: MI-36-00-00016004.0001001 / 22 NOV 16

Applicable to: ALL

36-00-01A No fault on a BMC, on a pylon leak detection loop or on the APU leak detection loop

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	No

(m) AIR BLEED MAINTENANCE message may be displayed on the STATUS SD page provided that it is checked that the CFDS does not report any fault on a BMC, on a pylon leak detection loop or on the APU leak detection loop.

_____ Reference(s) _____

(m) Refer to AMM Task 36-11-00-040-004

36-00-01B Only RH side affected

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	No

(m) AIR BLEED MAINTENANCE message may be displayed on the STATUS SD page provided that:

- 1) The CFDS does not report any fault on the BMC 1, on the LH pylon leak detection loop or on the APU leak detection loop, and
- 2) If the CFDS reports a fault on the BMC 2, the BMC 2 is inoperative
Refer to Item 36-11-08 Bleed Monitoring Computer (BMC), and
- 3) If the CFDS reports a fault on the RH pylon leak detection loop, the RH pylon leak detection loop is inoperative.

Refer to Item 36-22-01 Pylon Leak Detection System

_____ Reference(s) _____

(m) Refer to AMM Task 36-11-00-040-807

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 36 - PNEUMATIC 36-00 - MAINTENANCE Message on the STATUS SD page
------------------------------------------------------	------------------------------------------------------------------------------------------------

Continued from the previous page

36-00-01C Only LH side and/or APU leak detection loop affected

Repair interval	Nbr installed	Nbr required	Placard
C	—	—	No

(m) AIR BLEED MAINTENANCE message may be displayed on the STATUS SD page provided that:

- 1) The CFDS does not report any fault on the BMC 2 or on the RH pylon leak detection loop, and
- 2) If the CFDS reports a fault on the BMC 1, the BMC 1 is inoperative
Refer to Item 36-11-08 Bleed Monitoring Computer (BMC), and
- 3) If the CFDS reports a fault on the LH pylon leak detection loop, the LH pylon leak detection loop is inoperative
Refer to Item 36-22-01 Pylon Leak Detection System, and
- 4) If the CFDS reports a fault on the APU leak detection loop, the APU leak detection loop is inoperative.
Refer to Item 36-22-03 APU Leak Detection Loop

_____ Reference(s) _____

(m) *Refer to AMM Task 36-11-00-040-808*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 36 - PNEUMATIC 36-01 - AIR COND Overhead Panel
------------------------------------------------------	------------------------------------------------------------------------------

36-01-01	ENG BLEED pb-sw FAULT light
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Ident.: MI-36-01-00008778.0001001 / 22 MAR 10

Applicable to: ALL

36-01-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative.

36-01-02	ENG BLEED pb-sw OFF light
-----------------	----------------------------------

Ident.: MI-36-01-00008783.0001001 / 22 MAR 10

Applicable to: ALL

36-01-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative.

36-01-03	APU BLEED pb-sw FAULT light
-----------------	------------------------------------

Ident.: MI-36-01-00008785.0001001 / 22 MAR 10

Applicable to: ALL

36-01-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>36 - PNEUMATIC</div> <div>36-01 - AIR COND Overhead Panel</div>
------------------------------------------------------	-------------------------------------------------------------------------------------------

36-01-04	APU BLEED pb-sw ON light
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Ident.: MI-36-01-00008787.0001001 / 22 MAR 10

Applicable to: ALL

36-01-04A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 36 - PNEUMATIC 36-07 - Indications on the BLEED SD page</p>
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36-07-01	APU Bleed Valve Indication on the <u>BLEED</u> SD page
-----------------	---------------------------------------------------------------

Ident.: MI-36-07-00008807.0001001 / 13 MAY 15

Applicable to: ALL

36-07-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative provided that the Automatic Control of the X Bleed Valve is considered inoperative.

Refer to Item 36-12-04 Automatic Control of the X Bleed Valve

36-07-02	Engine Bleed Valve Indication on the <u>BLEED</u> SD page
-----------------	------------------------------------------------------------------

Ident.: MI-36-07-00008808.0001001 / 22 MAR 10

Applicable to: ALL

36-07-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative.

36-07-03	Engine Bleed HP Valve Indication on the <u>BLEED</u> SD page
-----------------	---------------------------------------------------------------------

Ident.: MI-36-07-00008809.0001001 / 22 MAR 10

Applicable to: ALL

36-07-03A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 36 - PNEUMATIC 36-07 - Indications on the <u>BLEED</u> SD page</p>
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------

36-07-04	<p style="text-align: center;">Engine Bleed Precooler Inlet Pressure Indication on the <u>BLEED</u> SD page</p>
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Ident.: MI-36-07-00008810.0001001 / 22 MAR 10

Applicable to: **ALL**

36-07-04A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative.

36-07-05	<p style="text-align: center;">Engine Bleed Precooler Outlet Temperature Indication on the <u>BLEED</u> SD page</p>
-----------------	----------------------------------------------------------------------------------------------------------------------------------------

Ident.: MI-36-07-00008811.0001001 / 22 MAR 10

Applicable to: **ALL**

36-07-05A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative.

36-07-06	<p style="text-align: center;">X Bleed Valve Indication on the <u>BLEED</u> SD page</p>
-----------------	------------------------------------------------------------------------------------------------

Ident.: MI-36-07-00008812.0001001 / 22 MAR 10

Applicable to: **ALL**

36-07-06A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 36 - PNEUMATIC 36-09 - ECAM Alerts
------------------------------------------------------	------------------------------------------------------------------

36-09-01	AIR APU BLEED LEAK Alert
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Ident.: MI-36-09-00024448.0001001 / 19 MAY 21

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

36-09-01A APU bleed check valve replaced by a blanking cap

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(o)(m) May be displayed provided that:

- 1) The **AIR APU BLEED LEAK** alert is confirmed to be false by troubleshooting, and
- 2) The APU leak detection loop is deactivated, and
- 3) The APU bleed check valve is removed and replaced by a blanking cap, and
- 4) The APU bleed air supply system is considered inoperative.

Refer to Item 36-12-01 APU Bleed Air Supply System

_____ Reference(s) _____

(o) *Refer to OpsProc 36-09-01A AIR APU BLEED LEAK Alert (APU bleed check valve replaced by a blanking cap or checked operative)*

(m) *Refer to AMM Task*

36-09-01B No FL limitation

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(o)(m) May be displayed provided that:

- 1) ETOPS is not conducted, and
- 2) The **AIR APU BLEED LEAK** alert is confirmed to be false by troubleshooting, and
- 3) The APU leak detection loop is deactivated, and
- 4) The ENG 1 BLEED pb-sw is set to OFF, and
- 5) The PACK 1 pb-sw is set to OFF, and
- 6) The X BLEED selector is set to SHUT, and
- 7) The APU BLEED pb-sw is set to OFF, and
- 8) The aircraft is not operated in known or forecast icing conditions along the intended route, and
- 9) The speedbrakes are operative.

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- (o) *Refer to OpsProc 36-09-01B AIR APU BLEED LEAK Alert (ENG 1 BLEED pb-sw OFF and X BLEED selector SHUT)*
- (m) *Refer to AMM Task*

36-09-01C Limitation to 31 500 ft

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) (m) May be displayed provided that:
- 1) ETOPS is not conducted, and
 - 2) The **AIR APU BLEED LEAK** alert is confirmed to be false by troubleshooting, and
 - 3) The APU leak detection loop is deactivated, and
 - 4) The ENG 1 BLEED pb-sw is set to OFF, and
 - 5) The PACK 1 pb-sw is set to OFF, and
 - 6) The X BLEED selector is set to SHUT, and
 - 7) The APU BLEED pb-sw is set to OFF, and
 - 8) The aircraft is not operated in known or forecast icing conditions along the intended route, and
 - 9) The altitude is limited to 31 500 ft (9 600 m).

_____ Reference(s) _____

- (o) *Refer to OpsProc 36-09-01C AIR APU BLEED LEAK Alert (ENG 1 BLEED pb-sw OFF and X BLEED selector SHUT)*
- (m) *Refer to AMM Task*

36-09-01E APU bleed check valve checked operative

Repair interval	Nbr installed	Nbr required	Placard
B	1	0	No

- (o) (m) May be displayed provided that:
- 1) The **AIR APU BLEED LEAK** alert is confirmed to be false by troubleshooting, and
 - 2) The APU leak detection loop is deactivated, and
 - 3) The APU bleed check valve is checked operative, and
 - 4) The APU bleed air supply system is considered inoperative.

Refer to Item 36-12-01 APU Bleed Air Supply System

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Reference(s)

- (o) Refer to OpsProc 36-09-01E AIR APU BLEED LEAK Alert (APU bleed check valve replaced by a blanking cap or checked operative)
- (m) Refer to AMM Task

36-09-01	AIR APU BLEED LEAK Alert
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Ident.: MI-36-09-00024448.0003001 / 19 MAY 21

Applicable to: LY-COD, LY-RAM

36-09-01A APU bleed check valve replaced by a blanking cap

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o)(m) May be displayed provided that:
- 1) The AIR APU BLEED LEAK alert is confirmed to be false by troubleshooting, and
 - 2) The APU leak detection loop is deactivated, and
 - 3) The APU bleed check valve is removed and replaced by a blanking cap, and
 - 4) The APU bleed air supply system is considered inoperative.
- Refer to Item 36-12-01 APU Bleed Air Supply System
- Reference(s)
- (o) Refer to OpsProc 36-09-01A AIR APU BLEED LEAK Alert (APU bleed check valve replaced by a blanking cap or checked operative)
 - (m) Refer to AMM Task

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36-09-01B Limitation to 37 000 ft

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(o) (m) May be displayed provided that:

- 1) ETOPS is not conducted, and
- 2) The **AIR APU BLEED LEAK** alert is confirmed to be false by troubleshooting, and
- 3) The APU leak detection loop is deactivated, and
- 4) The ENG 1 BLEED pb-sw is set to OFF, and
- 5) The PACK 1 pb-sw is set to OFF, and
- 6) The X BLEED selector is set to SHUT, and
- 7) The APU BLEED pb-sw is set to OFF, and
- 8) The aircraft is not operated in known or forecast icing conditions along the intended route, and
- 9) The altitude is limited to 37 000 ft (11 200 m), and
- 10) The speedbrakes are operative.

_____ Reference(s) _____

(o) Refer to OpsProc 36-09-01B AIR APU BLEED LEAK Alert (ENG 1 BLEED pb-sw OFF and X BLEED selector SHUT)

(m) Refer to AMM Task

36-09-01C Limitation to 31 500 ft

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(o) (m) May be displayed provided that:

- 1) ETOPS is not conducted, and
- 2) The **AIR APU BLEED LEAK** alert is confirmed to be false by troubleshooting, and
- 3) The APU leak detection loop is deactivated, and
- 4) The ENG 1 BLEED pb-sw is set to OFF, and
- 5) The PACK 1 pb-sw is set to OFF, and
- 6) The X BLEED selector is set to SHUT, and
- 7) The APU BLEED pb-sw is set to OFF, and
- 8) The aircraft is not operated in known or forecast icing conditions along the intended route, and
- 9) The altitude is limited to 31 500 ft (9 600 m).

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Reference(s)

- (o) Refer to OpsProc 36-09-01C AIR APU BLEED LEAK Alert (ENG 1 BLEED pb-sw OFF and X BLEED selector SHUT)
- (m) Refer to AMM Task

36-09-01D No FL limitation

Repair interval	Nbr installed	Nbr required	Placard
B	1	0	No

- (o)(m) May be displayed provided that:
 - 1) ETOPS is not conducted, and
 - 2) The AIR APU BLEED LEAK alert is confirmed to be false by troubleshooting, and
 - 3) The APU leak detection loop is deactivated, and
 - 4) The ENG 1 BLEED pb-sw is set to OFF, and
 - 5) The PACK 1 pb-sw is set to OFF, and
 - 6) The X BLEED selector is set to SHUT, and
 - 7) The APU BLEED pb-sw is set to OFF, and
 - 8) The aircraft is not operated in known or forecast icing conditions along the intended route, and
 - 9) The speedbrakes are operative.

Note: In the case of depressurization at altitudes higher than 37 000 ft (11 200 m), oxygen masks may drop down during the descent.

Reference(s)

- (o) Refer to OpsProc 36-09-01D AIR APU BLEED LEAK Alert (ENG 1 BLEED pb-sw OFF and X BLEED selector SHUT)
- (m) Refer to AMM Task

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36-09-01E APU bleed check valve checked operative

Repair interval	Nbr installed	Nbr required	Placard
B	1	0	No

- (o) (m) May be displayed provided that:

1) The AIR APU BLEED LEAK alert is confirmed to be false by troubleshooting, and

2) The APU leak detection loop is deactivated, and

3) The APU bleed check valve is checked operative, and

4) The APU bleed air supply system is considered inoperative.

Refer to Item 36-12-01 APU Bleed Air Supply System

Reference(s)
- (o) Refer to OpsProc 36-09-01E AIR APU BLEED LEAK Alert (APU bleed check valve replaced by a blanking cap or checked operative)
- (m) Refer to AMM Task

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36-11-01	Engine Bleed Air Supply System
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Ident.: MI-36-11-00008788.0002001 / 22 MAY 19

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

Note: The HP ground connection is near the engine 1 hazardous area. If the bleed air supply system 2 is inoperative, it is better to use the APU bleed for engine start. If the APU bleed is not available, a ground cart can be used as long as the pneumatic pipe is kept out of the hazardous area.

36-11-01A Non ETOPS flight - no FL limitation

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

- (o) One may be inoperative provided that:
- 1) ETOPS is not conducted, and
 - 2) The associated ENG BLEED pb-sw is set to OFF, and
 - 3) The X BLEED selector is set to OPEN, and
 - 4) The speedbrakes are operative.

_____ Reference(s) _____

- (o) Refer to OpsProc 36-11-01A Engine Bleed Air Supply System (non-ETOPS flights)

36-11-01B ETOPS flight - no FL limitation

Repair interval	Nbr installed	Nbr required	Placard
A	2	1	Yes

- (o) For ETOPS, one may be inoperative for one flight provided that:
- 1) The APU bleed air supply system is operative, and
 - 2) The APU is running throughout the flight, and
 - 3) The associated ENG BLEED pb-sw is set to OFF, and
 - 4) The X BLEED selector is set to OPEN, and
 - 5) The speedbrakes are operative.

_____ Reference(s) _____

- (o) Refer to OpsProc 36-11-01B Engine Bleed Air Supply System (ETOPS flights)

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36-11-01E Non ETOPS flight - limitation to 31 500 ft

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

- (o) One may be inoperative provided that:
- 1) ETOPS is not conducted, and
 - 2) The associated ENG BLEED pb-sw is set to OFF, and
 - 3) The X BLEED selector is set to OPEN, and
 - 4) The altitude is limited to 31 500 ft (9 600 m).

_____ Reference(s) _____

- (o) *Refer to OpsProc 36-11-01E Engine Bleed Air Supply System (non-ETOPS flights)*

36-11-01F ETOPS flight - limitation to 31 500 ft

Repair interval	Nbr installed	Nbr required	Placard
A	2	1	Yes

- (o) For ETOPS, one may be inoperative for one flight provided that:
- 1) The APU bleed air supply system is operative, and
 - 2) The APU is running throughout the flight, and
 - 3) The associated ENG BLEED pb-sw is set to OFF, and
 - 4) The X BLEED selector is set to OPEN, and
 - 5) The altitude is limited to 31 500 ft (9 600 m).

_____ Reference(s) _____

- (o) *Refer to OpsProc 36-11-01F Engine Bleed Air Supply System (ETOPS flights)*

36-11-01	Engine Bleed Air Supply System
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Ident.: MI-36-11-00008788.0006001 / 22 MAY 19

Applicable to: LY-COD, LY-RAM

Note: The HP ground connection is near the engine 1 hazardous area. If the bleed air supply system 2 is inoperative, it is better to use the APU bleed for engine start. If the APU bleed is not available, a ground cart can be used as long as the pneumatic pipe is kept out of the hazardous area.

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36-11-01C Non ETOPS flight - limitation to 37 000 ft

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

- (o) One may be inoperative provided that:
- 1) ETOPS is not conducted, and
 - 2) The associated ENG BLEED pb-sw is set to OFF, and
 - 3) The X BLEED selector is set to OPEN, and
 - 4) The altitude is limited to 37 000 ft (11 200 m), and
 - 5) The speedbrakes are operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 36-11-01C Engine Bleed Air Supply System (non-ETOPS flights)*

36-11-01D ETOPS flight - limitation to 37 000 ft

Repair interval	Nbr installed	Nbr required	Placard
A	2	1	Yes

- (o) For ETOPS, one may be inoperative for one flight provided that:
- 1) The APU bleed air supply system is operative, and
 - 2) The APU is running throughout the flight, and
 - 3) The associated ENG BLEED pb-sw is set to OFF, and
 - 4) The X BLEED selector is set to OPEN, and
 - 5) The altitude is limited to 37 000 ft (11 200 m), and
 - 6) The speedbrakes are operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 36-11-01D Engine Bleed Air Supply System (ETOPS flights)*

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36-11-01E Non ETOPS flight - limitation to 31 500 ft

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

- (o) One may be inoperative provided that:
 - 1) ETOPS is not conducted, and
 - 2) The associated ENG BLEED pb-sw is set to OFF, and
 - 3) The X BLEED selector is set to OPEN, and
 - 4) The altitude is limited to 31 500 ft (9 600 m).

_____ Reference(s) _____

- (o) *Refer to OpsProc 36-11-01E Engine Bleed Air Supply System (non-ETOPS flights)*

36-11-01F ETOPS flight - limitation to 31 500 ft

Repair interval	Nbr installed	Nbr required	Placard
A	2	1	Yes

- (o) For ETOPS, one may be inoperative for one flight provided that:
 - 1) The APU bleed air supply system is operative, and
 - 2) The APU is running throughout the flight, and
 - 3) The associated ENG BLEED pb-sw is set to OFF, and
 - 4) The X BLEED selector is set to OPEN, and
 - 5) The altitude is limited to 31 500 ft (9 600 m).

_____ Reference(s) _____

- (o) *Refer to OpsProc 36-11-01F Engine Bleed Air Supply System (ETOPS flights)*

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36-11-01G Non ETOPS flight - no FL limitation

Repair interval	Nbr installed	Nbr required	Placard
B	2	1	Yes

- (o) One may be inoperative provided that:
- 1) ETOPS is not conducted, and
 - 2) The associated ENG BLEED pb-sw is set to OFF, and
 - 3) The X BLEED selector is set to OPEN, and
 - 4) The speedbrakes are operative.

Note: In the case of depressurization at altitudes higher than 37 000 ft (11 200 m), oxygen masks may drop down during the descent.

Reference(s)

- (o) Refer to OpsProc 36-11-01G Engine Bleed Air Supply System (non-ETOPS flights)

36-11-01H ETOPS flight - no FL limitation

Repair interval	Nbr installed	Nbr required	Placard
A	2	1	Yes

- (o) For ETOPS, one may be inoperative for one flight provided that:
- 1) The APU bleed air supply system is operative, and
 - 2) The APU is running throughout the flight, and
 - 3) The associated ENG BLEED pb-sw is set to OFF, and
 - 4) The X BLEED selector is set to OPEN, and
 - 5) The speedbrakes are operative.

Note: In the case of depressurization at altitudes higher than 37 000 ft (11 200 m), oxygen masks may drop down during the descent.

Reference(s)

- (o) Refer to OpsProc 36-11-01H Engine Bleed Air Supply System (ETOPS flights)

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36-11-02	Engine Bleed Valve (PRV)
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Ident.: MI-36-11-00008790.0001001 / 14 JUN 16

Applicable to: ALL

36-11-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

(m) One may be inoperative provided that:

- 1) The affected engine bleed valve is secured in the closed position, and
- 2) The associated bleed air supply system is considered inoperative.

Refer to Item 36-11-01 Engine Bleed Air Supply System

_____ Reference(s) _____

(m) *Refer to AMM Task*

36-11-03	Engine Bleed Overpressure Valve
-----------------	----------------------------------------

Ident.: MI-36-11-00008792.0001001 / 27 NOV 15

Applicable to: ALL

36-11-03A Associated bleed considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

One may be inoperative provided that the associated bleed air supply system is considered inoperative.

Refer to Item 36-11-01 Engine Bleed Air Supply System

36-11-03B Associated bleed still available

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative provided that the associated **AIR ENG 1(2) BLEED FAULT** alert or the **AIR ENG 1(2) BLEED ABNORM PR** alert was not displayed during the previous flight.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 36 - PNEUMATIC 36-11 - Engine Bleed Air Supply System
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36-11-04	Engine Bleed Fan Air Valve
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Ident.: MI-36-11-00008794.0001001 / 27 JUN 11

Applicable to: ALL

36-11-04A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

One may be inoperative provided that the associated engine bleed air supply system is considered inoperative.

Refer to Item 36-11-01 Engine Bleed Air Supply System

36-11-05	Engine Bleed Air Precooler
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Ident.: MI-36-11-00008796.0001001 / 27 JUN 11

Applicable to: ALL

36-11-05A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

One may be inoperative provided that the associated engine bleed air supply system is considered inoperative.

Refer to Item 36-11-01 Engine Bleed Air Supply System

36-11-06	Engine Bleed IP Check Valve
-----------------	------------------------------------

Ident.: MI-36-11-00008797.0001001 / 22 MAY 19

Applicable to: ALL

36-11-06A Associated bleed considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

One may be inoperative provided that the associated engine bleed air supply system is considered inoperative.

Refer to Item 36-11-01 Engine Bleed Air Supply System

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36-11-06B Associated HP valve secured in the closed position

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) (m) One may be inoperative in the open position provided that:
- 1) The associated engine bleed HP valve is secured in the closed position, and
 - 2) The opposite engine bleed supply system is operative.

_____ Reference(s) _____

(o) *Refer to OpsProc 36-11-06B Engine Bleed IP Check Valve*

(m) *Refer to AMM Task*

36-11-07	Engine Bleed HP Valve
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Ident.: MI-36-11-00008798.0001001 / 22 MAY 19

Applicable to: ALL

36-11-07A Associated bleed considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

One may be inoperative in the closed position provided that the associated engine bleed air supply system is considered inoperative.

Refer to Item 36-11-01 Engine Bleed Air Supply System

36-11-07B HP valve secured in the closed position

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) (m) One may be inoperative provided that:
- 1) The affected engine bleed HP valve is secured in the closed position, and
 - 2) The opposite engine bleed supply system is operative.

_____ Reference(s) _____

(o) *Refer to OpsProc 36-11-07B Engine Bleed HP Valve*

(m) *Refer to AMM Task*

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36-11-08	Bleed Monitoring Computer (BMC)
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Ident.: MI-36-11-00008799.0022001 / 13 MAY 20

2 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

36-11-08C No FL limitation

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) One may be inoperative provided that:
- 1) ETOPS is not conducted, and
 - 2) The associated ENG BLEED pb-sw is set to OFF, and
 - 3) The associated PACK pb-sw is set to OFF, and
 - 4) The X BLEED selector is set to SHUT, and
 - 5) If the BMC 1 is affected, the APU leak detection loop is considered inoperative
Refer to Item 36-22-03 APU Leak Detection Loop, and
 - 6) The aircraft is not operated in known or forecast icing conditions along the intended route, and
 - 7) The speedbrakes are operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 36-11-08C Bleed Monitoring Computer (BMC)*

36-11-08D Limitation to 31 500 ft

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) One may be inoperative provided that:
- 1) ETOPS is not conducted, and
 - 2) The associated ENG BLEED pb-sw is set to OFF, and
 - 3) The associated PACK pb-sw is set to OFF, and
 - 4) The X BLEED selector is set to SHUT, and
 - 5) If the BMC 1 is affected, the APU leak detection loop is considered inoperative
Refer to Item 36-22-03 APU Leak Detection Loop, and
 - 6) The aircraft is not operated in known or forecast icing conditions along the intended route, and
 - 7) The altitude is limited to 31 500 ft (9 600 m).

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 36 - PNEUMATIC 36-11 - Engine Bleed Air Supply System</p>
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Reference(s)

- (o) Refer to OpsProc 36-11-08D Bleed Monitoring Computer (BMC)

36-11-08	Bleed Monitoring Computer (BMC)
-----------------	----------------------------------------

Ident.: MI-36-11-00008799.0023001 / 13 MAY 20

Applicable to: LY-COD, LY-RAM

36-11-08C Limitation to 37 000 ft

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) One may be inoperative provided that:
 - 1) ETOPS is not conducted, and
 - 2) The associated ENG BLEED pb-sw is set to OFF, and
 - 3) The associated PACK pb-sw is set to OFF, and
 - 4) The X BLEED selector is set to SHUT, and
 - 5) If the BMC 1 is affected, the APU leak detection loop is considered inoperative
Refer to Item 36-22-03 APU Leak Detection Loop, and
 - 6) The aircraft is not operated in known or forecast icing conditions along the intended route, and
 - 7) The altitude is limited to 37 000 ft (11 200 m), and
 - 8) The speedbrakes are operative.

Reference(s)

- (o) Refer to OpsProc 36-11-08C Bleed Monitoring Computer (BMC)

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36-11-08D Limitation to 31 500 ft

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) One may be inoperative provided that:
- 1) ETOPS is not conducted, and
 - 2) The associated ENG BLEED pb-sw is set to OFF, and
 - 3) The associated PACK pb-sw is set to OFF, and
 - 4) The X BLEED selector is set to SHUT, and
 - 5) If the BMC 1 is affected, the APU leak detection loop is considered inoperative
Refer to Item 36-22-03 APU Leak Detection Loop, and
 - 6) The aircraft is not operated in known or forecast icing conditions along the intended route, and
 - 7) The altitude is limited to 31 500 ft (9 600 m).

_____ Reference(s) _____

- (o) *Refer to OpsProc 36-11-08D Bleed Monitoring Computer (BMC)*

36-11-08E No FL limitation

Repair interval	Nbr installed	Nbr required	Placard
B	2	1	No

- (o) One may be inoperative provided that:
- 1) ETOPS is not conducted, and
 - 2) The associated ENG BLEED pb-sw is set to OFF, and
 - 3) The associated PACK pb-sw is set to OFF, and
 - 4) The X BLEED selector is set to SHUT, and
 - 5) If the BMC 1 is affected, the APU leak detection loop is considered inoperative
Refer to Item 36-22-03 APU Leak Detection Loop, and
 - 6) The aircraft is not operated in known or forecast icing conditions along the intended route, and
 - 7) The speedbrakes are operative.

Note: *In the case of depressurization at altitudes higher than 37 000 ft (11 200 m), oxygen masks may drop down during the descent.*

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(o) *Refer to OpsProc 36-11-08E Bleed Monitoring Computer (BMC)*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 36 - PNEUMATIC 36-12 - APU Bleed Air Supply and Crossbleed Systems
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36-12-01	APU Bleed Air Supply System
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Ident.: MI-36-12-00008800.0001001 / 22 MAY 19

Applicable to: ALL

36-12-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that the APU BLEED pb-sw is set to OFF.

_____ Reference(s) _____

- (o) *Refer to OpsProc 36-12-01A APU Bleed Air Supply System*

36-12-02	APU Bleed Valve
-----------------	------------------------

Ident.: MI-36-12-00008801.0001001 / 22 MAY 19

Applicable to: ALL

36-12-02A Inoperative in the closed position

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o)(m) May be inoperative provided that:

- 1) The APU bleed valve is deactivated in the closed position, and
- 2) The APU BLEED pb-sw is set to OFF.

_____ Reference(s) _____

- (o) *Refer to OpsProc 36-12-02A APU Bleed Valve (Inoperative in the closed position)*

- (m) *Refer to AMM Task*

36-12-02B Inoperative in the open position for non ETOPS flight

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative in the open position provided that:

- 1) ETOPS is not conducted, and
- 2) The APU is not used in flight.

_____ Reference(s) _____

- (o) *Refer to OpsProc 36-12-02B APU Bleed Valve (Inoperative in the open position)*

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 36 - PNEUMATIC 36-12 - APU Bleed Air Supply and Crossbleed Systems</p>
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36-12-02C Inoperative in the open position for ETOPS 120 min flight

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	Yes

- (o) May be inoperative in the open position for four flights provided that:
 - 1) ETOPS beyond 120 min is not conducted, and
 - 2) The APU is not used in flight.

_____ Reference(s) _____
- (o) *Refer to OpsProc 36-12-02C APU Bleed Valve (Inoperative in the open position)*

36-12-03	APU Bleed Check Valve
-----------------	------------------------------

Ident.: MI-36-12-00008802.0001001 / 22 MAR 10
Applicable to: ALL

36-12-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative provided that the APU bleed air supply system is considered inoperative.
Refer to Item 36-12-01 APU Bleed Air Supply System

36-12-04	Automatic Control of the X Bleed Valve
-----------------	-----------------------------------------------

Ident.: MI-36-12-00008803.0001001 / 22 MAY 19
Applicable to: ALL

36-12-04A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that the manual control is checked operative.

_____ Reference(s) _____
- (o) *Refer to OpsProc 36-12-04A Automatic control of the X Bleed Valve*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div> MEL ITEMS 36 - PNEUMATIC </div> <div> 36-12 - APU Bleed Air Supply and Crossbleed Systems </div>
------------------------------------------------------	--------------------------------------------------------------------------------------------------------

36-12-05	Manual Control of the X Bleed Valve
----------	-------------------------------------

Ident.: MI-36-12-00015756.0001001 / 22 MAY 19

Applicable to: ALL

36-12-05A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o)
May be inoperative provided that the automatic control is checked operative.

Reference(s)

- (o)
Refer to OpsProc 36-12-05A Manual Control of the X Bleed Valve

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 36 - PNEUMATIC 36-12 - APU Bleed Air Supply and Crossbleed Systems
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 36 - PNEUMATIC 36-22 - Leak Detection Loop</p>
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36-22-01	Pylon Leak Detection System
-----------------	------------------------------------

Ident.: MI-36-22-00008804.0003001 / 22 MAY 19

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

36-22-01B No FL limitation

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(o)(m) One may be inoperative provided that:

- 1) ETOPS is not conducted, and
- 2) The associated pylon leak detection loop is deactivated, and
- 3) The associated ENG BLEED pb-sw is set to OFF, and
- 4) The associated PACK pb-sw is set to OFF, and
- 5) The X BLEED selector is set to SHUT, and
- 6) The APU BLEED pb-sw is set to OFF if LH side is affected, and
- 7) The aircraft is not operated in known or forecast icing conditions, and
- 8) The speedbrakes are operative.

_____ Reference(s) _____

(o) Refer to OpsProc 36-22-01B Pylon Leak Detection System

(m) Refer to AMM Task 36-22-00-040-001

36-22-01C Limitation to 31 500 ft

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(o)(m) One may be inoperative provided that:

- 1) ETOPS is not conducted, and
- 2) The associated pylon leak detection loop is deactivated, and
- 3) The associated ENG BLEED pb-sw is set to OFF, and
- 4) The associated PACK pb-sw is set to OFF, and
- 5) The X BLEED selector is set to SHUT, and
- 6) The APU BLEED pb-sw is set to OFF if the LH side is affected, and
- 7) The aircraft is not operated in known or forecast icing conditions, and
- 8) The altitude is limited to 31 500 ft (9 600 m).

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 36 - PNEUMATIC 36-22 - Leak Detection Loop</p>
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Reference(s)

- (o) Refer to OpsProc 36-22-01C Pylon Leak Detection System
- (m) Refer to AMM Task 36-22-00-040-001

36-22-01	Pylon Leak Detection System
-----------------	------------------------------------

Ident.: MI-36-22-00008804.0005001 / 22 MAY 19

Applicable to: LY-COD, LY-RAM

36-22-01B Limitation to 37 000 ft

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) (m) One may be inoperative provided that:
- 1) ETOPS is not conducted, and
 - 2) The associated pylon leak detection loop is deactivated, and
 - 3) The associated ENG BLEED pb-sw is set to OFF, and
 - 4) The associated PACK pb-sw is set to OFF, and
 - 5) The X BLEED selector is set to SHUT, and
 - 6) The APU BLEED pb-sw is set to OFF if the LH side is affected, and
 - 7) The aircraft is not operated in known or forecast icing conditions, and
 - 8) The altitude is limited to 37 000 ft (11 200 m), and
 - 9) The speedbrakes are operative.

Reference(s)

- (o) Refer to OpsProc 36-22-01B Pylon Leak Detection System
- (m) Refer to AMM Task 36-22-00-040-001

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL ITEMS 36 - PNEUMATIC 36-22 - Leak Detection Loop </div>
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36-22-01C Limitation to 31 500 ft

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(o)(m) One may be inoperative provided that:

- 1) ETOPS is not conducted, and
- 2) The associated pylon leak detection loop is deactivated, and
- 3) The associated ENG BLEED pb-sw is set to OFF, and
- 4) The associated PACK pb-sw is set to OFF, and
- 5) The X BLEED selector is set to SHUT, and
- 6) The APU BLEED pb-sw is set to OFF if the LH side is affected, and
- 7) The aircraft is not operated in known or forecast icing conditions, and
- 8) The altitude is limited to 31 500 ft (9 600 m).

_____ Reference(s) _____

(o) *Refer to OpsProc 36-22-01C Pylon Leak Detection System*

(m) *Refer to AMM Task 36-22-00-040-001*

36-22-01D No FL limitation

Repair interval	Nbr installed	Nbr required	Placard
B	2	1	No

(o)(m) One may be inoperative provided that:

- 1) ETOPS is not conducted, and
- 2) The associated pylon leak detection loop is deactivated, and
- 3) The associated ENG BLEED pb-sw is set to OFF, and
- 4) The associated PACK pb-sw is set to OFF, and
- 5) The X BLEED selector is set to SHUT, and
- 6) The APU BLEED pb-sw is set to OFF if the LH side is affected, and
- 7) The aircraft is not operated in known or forecast icing conditions, and
- 8) The speedbrakes are operative.

Note: *In the case of depressurization at altitudes higher than 37 000 ft (11 200 m), oxygen masks may drop down during the descent.*

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>36 - PNEUMATIC</div> <div>36-22 - Leak Detection Loop</div>
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Reference(s)

- (o) Refer to OpsProc 36-22-01D Pylon Leak Detection System
- (m) Refer to AMM Task 36-22-00-040-001

36-22-02	Wing Leak Detection System
----------	----------------------------

Ident.: MI-36-22-00008805.0001001 / 31 OCT 14

Applicable to: ALL

36-22-02A

Repair interval	Nbr installed	Nbr required	Placard
-	2	2	No

Must be operative.

Note: Failure of one loop in one or both wing leading edges is indicated by a **MAINTENANCE** message displayed on the **STATUS SD** page.

Refer to Item 36-00-01 AIR BLEED MAINTENANCE Message

36-22-03	APU Leak Detection Loop
----------	-------------------------

Ident.: MI-36-22-00008806.0003001 / 19 AUG 20

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

36-22-03A APU bleed check valve replaced by a blanking cap

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (m) May be inoperative provided that:
 - 1) The APU bleed check valve is removed and replaced by a blanking cap, and
 - 2) The APU bleed air supply system is considered inoperative.

Refer to Item 36-12-01 APU Bleed Air Supply System

Reference(s)

- (m) Refer to AMM Task

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL ITEMS 36 - PNEUMATIC 36-22 - Leak Detection Loop </div>
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36-22-03B No FL limitation

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative provided that:
- 1) ETOPS is not conducted, and
 - 2) The **AIR APU BLEED LEAK** alert was not displayed during the previous flight, and
 - 3) The ENG 1 BLEED pb-sw is set to OFF, and
 - 4) The PACK 1 pb-sw is set to OFF, and
 - 5) The X BLEED selector is set to SHUT, and
 - 6) The APU BLEED pb-sw is set to OFF, and
 - 7) The aircraft is not operated in known or forecast icing conditions along the intended route, and
 - 8) The speedbrakes are operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 36-22-03B APU Leak Detection Loop*

36-22-03C Limitation to 31 500 ft

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative provided that:
- 1) ETOPS is not conducted, and
 - 2) The **AIR APU BLEED LEAK** alert was not displayed during the previous flight, and
 - 3) The ENG 1 BLEED pb-sw is set to OFF, and
 - 4) The PACK 1 pb-sw is set to OFF, and
 - 5) The X BLEED selector is set to SHUT, and
 - 6) The APU BLEED pb-sw is set to OFF, and
 - 7) The aircraft is not operated in known or forecast icing conditions along the intended route, and
 - 8) The altitude is limited to 31 500 ft (9 600 m).

_____ Reference(s) _____

- (o) *Refer to OpsProc 36-22-03C APU Leak Detection Loop*

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>36 - PNEUMATIC</div> <div>36-22 - Leak Detection Loop</div>
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36-22-03E APU bleed check valve checked operative

Repair interval	Nbr installed	Nbr required	Placard
B	1	0	No

- (m) May be inoperative provided that:
- 1) The APU bleed check valve is checked operative, and
 - 2) The **AIR APU BLEED LEAK** alert was not displayed during the previous flight, and
 - 3) The APU bleed air supply system is considered inoperative.
- Refer to Item 36-12-01 APU Bleed Air Supply System

Reference(s)

- (m) Refer to AMM Task

36-22-03	APU Leak Detection Loop
----------	-------------------------

Ident.: MI-36-22-00008806.0005001 / 19 AUG 20

Applicable to: LY-COD, LY-RAM

36-22-03A APU bleed check valve replaced by a blanking cap

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (m) May be inoperative provided that:
- 1) The APU bleed check valve is removed and replaced by a blanking cap, and
 - 2) The APU bleed air supply system is considered inoperative.
- Refer to Item 36-12-01 APU Bleed Air Supply System

Reference(s)

- (m) Refer to AMM Task

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL ITEMS 36 - PNEUMATIC 36-22 - Leak Detection Loop </div>
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36-22-03B Limitation to 37 000 ft

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative provided that:
- 1) ETOPS is not conducted, and
 - 2) The AIR APU BLEED LEAK alert was not displayed during the previous flight, and
 - 3) The ENG 1 BLEED pb-sw is set to OFF, and
 - 4) The PACK 1 pb-sw is set to OFF, and
 - 5) The X BLEED selector is set to SHUT, and
 - 6) The APU BLEED pb-sw is set to OFF, and
 - 7) The aircraft is not operated in known or forecast icing conditions along the intended route, and
 - 8) The altitude is limited to 37 000 ft (11 200 m), and
 - 9) The speedbrakes are operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 36-22-03B APU Leak Detection Loop*

36-22-03C Limitation to 31 500 ft

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative provided that:
- 1) ETOPS is not conducted, and
 - 2) The AIR APU BLEED LEAK alert was not displayed during the previous flight, and
 - 3) The ENG 1 BLEED pb-sw is set to OFF, and
 - 4) The PACK 1 pb-sw is set to OFF, and
 - 5) The X BLEED selector is set to SHUT, and
 - 6) The APU BLEED pb-sw is set to OFF, and
 - 7) The aircraft is not operated in known or forecast icing conditions along the intended route, and
 - 8) The altitude is limited to 31 500 ft (9 600 m).

_____ Reference(s) _____

- (o) *Refer to OpsProc 36-22-03C APU Leak Detection Loop*

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>36 - PNEUMATIC</div> <div>36-22 - Leak Detection Loop</div>
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36-22-03D No FL limitation

Repair interval	Nbr installed	Nbr required	Placard
B	1	0	No

- (o) May be inoperative provided that:
- 1) ETOPS is not conducted, and

2) The **AIR APU BLEED LEAK** alert was not displayed during the previous flight, and

3) The ENG 1 BLEED pb-sw is set to OFF, and

4) The PACK 1 pb-sw is set to OFF, and

5) The X BLEED selector is set to SHUT, and

6) The APU BLEED pb-sw is set to OFF, and

7) The aircraft is not operated in known or forecast icing conditions along the intended route, and

8) The speedbrakes are operative.

Note: In the case of depressurization at altitudes higher than 37 000 ft (11 200 m), oxygen masks may drop down during the descent.

Reference(s)

- (o) Refer to OpsProc 36-22-03D APU Leak Detection Loop

36-22-03E APU bleed check valve checked operative

Repair interval	Nbr installed	Nbr required	Placard
B	1	0	No

- (m) May be inoperative provided that:
- 1) The APU bleed check valve is checked operative, and

2) The **AIR APU BLEED LEAK** alert was not displayed during the previous flight, and

3) The APU bleed air supply system is considered inoperative.
- Refer to Item 36-12-01 APU Bleed Air Supply System

Reference(s)

- (m) Refer to AMM Task

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 46 - INFORMATION SYSTEMS 46-11 - Aircraft Information Network Systems
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46-11-01	Electronic Flight Bag (EFB)
-----------------	------------------------------------

Ident.: MI-46-11-00008789.0001001 / 13 MAY 20

Applicable to: ALL

46-11-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	Yes

- (o) One or more may be inoperative provided that alternate procedures are established and used.

_____ Reference(s) _____

- (o) *Refer to OpsProc 46-11-01A Electronic Flight Bag (EFB) (If Installed)*

46-11-02	EFB Docking Station / iPad Bracket
-----------------	-------------------------------------------

Ident.: MI-46-11-00021728.0001001 / 13 MAY 20

Applicable to: LY-COD, LY-RAM

46-11-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

- (o) One or both may be inoperative provided that alternate procedures are established and used.

_____ Reference(s) _____

- (o) *Refer to OpsProc 46-11-02A EFB Docking Station (If Installed)*

46-11-04	EFB Power Connection
-----------------	-----------------------------

Ident.: MI-46-11-00021735.0001001 / 03 MAR 21

Applicable to: ALL

46-11-04A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

- (o) One or more may be inoperative provided that an alternate power source is available and can be used for the planned duration on the affected EFB.

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Reference(s)

(o) Refer to OpsProc 46-11-04A EFB Power Connection (If Installed)

46-11-05	EFB Flight Crew Application
----------	-----------------------------

Ident.: MI-46-11-00021736.0001001 / 13 MAY 20

Applicable to: ALL

46-11-05A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	No

(o) One or more may be inoperative provided that alternate procedures are established and used.

Reference(s)

(o) Refer to OpsProc 46-11-05A EFB Flight Crew Application (If Installed)

46-11-06	EFB Mounting Device
----------	---------------------

Ident.: MI-46-11-00021737.0001001 / 27 MAY 21

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

46-11-06A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

(o) One or more may be inoperative provided that alternate procedures are established and used.

Reference(s)

(o) Refer to OpsProc 46-11-06A EFB Mounting Device (If Installed)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 46 - INFORMATION SYSTEMS 46-21 - Air Traffic and Information Management System
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46-21-01	Air Traffic Service Unit (ATSU)
-----------------	----------------------------------------

Ident.: MI-46-21-00008795.0002001 / 22 MAY 19

1 Applicable to: ALL

46-21-01A Procedures do not require ATC datalink

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

- (o) May be inoperative provided that procedures do not require the use of the ATC datalink.

_____ Reference(s) _____

- (o) *Refer to OpsProc 46-21-01A Air Traffic Service Unit (procedures do not require ATC datalink)*

46-21-01B Procedures require ATC datalink

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative provided that alternate procedures are established and used for ATC communication.

_____ Reference(s) _____

- (o) *Refer to OpsProc 46-21-01B Air Traffic Service Unit (procedures require ATC datalink)*

46-21-02	Datalink Control and Display Unit (DCDU)
-----------------	-------------------------------------------------

Ident.: MI-46-21-00008791.0002001 / 13 MAY 20

Applicable to: LY-RAM

46-21-02A One inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	2	1	Yes

One may be inoperative.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 46 - INFORMATION SYSTEMS 46-21 - Air Traffic and Information Management System</p>
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46-21-02B Procedures do not require ATC datalink

Repair interval	Nbr installed	Nbr required	Placard
D	2	0	Yes

- (o) One or both may be inoperative provided that procedures do not require ATC datalink.

_____ Reference(s) _____

- (o) *Refer to OpsProc 46-21-02B Datalink Control and Display Unit (DCDU) (If Installed)*
(procedures do not require ATC datalink)

46-21-02C Procedures require ATC datalink

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

- (o) One or both may be inoperative provided that alternate procedures are established and used for ATC communication.

_____ Reference(s) _____

- (o) *Refer to OpsProc 46-21-02C Datalink Control and Display Unit (DCDU) (If Installed)*
(procedures require ATC datalink)

46-21-03	ATC MSG pb
-----------------	-------------------

Ident.: MI-46-21-00008793.0002001 / 13 MAY 20

Applicable to: LY-RAM

46-21-03A One inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	2	1	Yes

One may be inoperative.

46-21-03B Procedures do not require ATC datalink

Repair interval	Nbr installed	Nbr required	Placard
D	2	0	Yes

- (o) One or both may be inoperative provided that procedures do not require ATC datalink.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 46 - INFORMATION SYSTEMS 46-21 - Air Traffic and Information Management System</p>
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_____ Reference(s) _____

- (o) *Refer to OpsProc 46-21-03B ATC MSG pb (If Installed)*

46-21-03C Procedures require ATC datalink

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

- (o) One or both may be inoperative provided that alternate procedures are established and used for ATC communication.

_____ Reference(s) _____

- (o) *Refer to OpsProc 46-21-03C ATC MSG pb (If Installed)*

46-21-04	ATC Datalink
-----------------	---------------------

Ident.: MI-46-21-00021810.0001001 / 03 MAR 21

Applicable to: LY-RAM

46-21-04A Procedures do not require ATC datalink

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

- (o) May be inoperative provided that procedures do not require the use of the ATC datalink.

_____ Reference(s) _____

- (o) *Refer to OpsProc 46-21-04A ATC Datalink (If Installed) (procedures do not require ATC datalink)*

46-21-04B Procedures require ATC datalink

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

- (o) May be inoperative provided that alternate procedures are established and used for ATC communication.

_____ Reference(s) _____

- (o) *Refer to OpsProc 46-21-04B ATC Datalink (If Installed) (procedures require ATC datalink)*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>46 - INFORMATION SYSTEMS</div> <div>46-21 - Air Traffic and Information Management System</div>
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------

46-21-05	COMPANY Datalink
----------	------------------

Ident.: MI-46-21-00021811.0001001 / 22 MAY 19

Applicable to: ALL

46-21-05A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

(o) May be inoperative provided that alternate procedures are established and used.

Reference(s)

(o) Refer to OpsProc 46-21-05A COMPANY Datalink

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>49 - AIRBORNE AUXILIARY POWER</div> <div>49-00 - MAINTENANCE Message on the STATUS SD page</div>
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49-00-01	APU <u>MAINTENANCE</u> Message
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Ident.: MI-49-00-00008813.0001001 / 22 MAR 10

Applicable to: ALL

49-00-01A

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	No

APU MAINTENANCE message may be displayed on the STATUS SD page.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 49 - AIRBORNE AUXILIARY POWER 49-00 - MAINTENANCE Message on the STATUS SD page
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 49 - AIRBORNE AUXILIARY POWER 49-01 - APU Overhead Panel
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49-01-01	APU MASTER SW pb-sw FAULT light
-----------------	----------------------------------------

Ident.: MI-49-01-00008814.0001001 / 22 MAY 19

Applicable to: ALL

49-01-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the N and the EGT indications are operative on the APU SD page.

49-01-02	APU MASTER SW pb-sw ON light
-----------------	-------------------------------------

Ident.: MI-49-01-00008816.0001001 / 22 MAR 10

Applicable to: ALL

49-01-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

49-01-03	APU START pb-sw AVAIL light
-----------------	------------------------------------

Ident.: MI-49-01-00008817.0001001 / 22 MAY 19

Applicable to: ALL

49-01-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative provided that the N indication is operative on the APU SD page.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>49 - AIRBORNE AUXILIARY POWER</div> <div>49-01 - APU Overhead Panel</div>
------------------------------------------------------	-----------------------------------------------------------------------------------------------------

49-01-04	APU START pb-sw ON light
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Ident.: MI-49-01-00008818.0001001 / 22 MAR 10

Applicable to: ALL

49-01-04A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>49 - AIRBORNE AUXILIARY POWER</div> <div>49-07 - Indications on the APU SD page</div>
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49-07-01	Indications on the <u>APU</u> SD page
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Ident.: MI-49-07-00008821.0001001 / 22 MAR 10

Applicable to: ALL

49-07-01A

Repair interval	Nbr installed	Nbr required	Placard
C	-	0	No

One or more may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 49 - AIRBORNE AUXILIARY POWER 49-07 - Indications on the APU SD page
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>49 - AIRBORNE AUXILIARY POWER</div> <div>49-10 - Power Plant</div>
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49-10-01	Power Plant (APU)
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Ident.: MI-49-10-00008819.0002001 / 22 MAY 19

Applicable to: ALL

49-10-01A Non ETOPS flight

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that ETOPS is not conducted.

_____ Reference(s) _____

- (o) *Refer to OpsProc 49-10-01A Power Plant (APU)*

49-10-01B ETOPS 120 min flight

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	Yes

- (o) May be inoperative for four flights provided that ETOPS beyond 120 min is not conducted.

_____ Reference(s) _____

- (o) *Refer to OpsProc 49-10-01B Power Plant (APU)*

49-10-01C APU deactivated or removed

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	Yes

- (o)(m) May be inoperative provided that:
- 1) ETOPS is not conducted, and
 - 2) The APU is deactivated or removed.

_____ Reference(s) _____

- (o) *Refer to OpsProc 49-10-01C Power Plant (APU)*

- (m) *Refer to AMM Task*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>49 - AIRBORNE AUXILIARY POWER</div> <div>49-10 - Power Plant</div>
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49-10-02	APU Air Intake Flap
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Ident.: MI-49-10-00008820.0001001 / 22 MAY 19

Applicable to: ALL

49-10-02A APU considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative in the closed position provided that the APU is considered inoperative.

Refer to Item 49-10-01 Power Plant (APU)

49-10-02B APU Air Intake Flap secured open

Repair interval	Nbr installed	Nbr required	Placard
A	1	0	No

(m) May be inoperative in the open position for 10 days.

_____ Reference(s) _____

(m) *Refer to AMM Task*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 52 - DOORS 52-01 - Overhead Panels 52-01-01 - CKPT DOOR CONT Normal Overhead Panel
-------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------

52-01-01-01	CHAN (1, 2) LEDs on the CKPT DOOR CONT Overhead Panel
--------------------	--------------------------------------------------------------

Ident.: MI-52-01-01-00008677.0001001 / 22 MAY 19

Applicable to: ALL

52-01-01-01A CKPT DOOR FAULT light operative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

- (o) One or both may be inoperative provided that the CKPT DOOR FAULT light indicator is checked operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 52-01-01-01A CHAN (1, 2) LEDs on the CKPT DOOR CONT Overhead Panel*

52-01-01-01B CKPT DOOR FAULT light inoperative

Repair interval	Nbr installed	Nbr required	Placard
–	2	0	Yes

One or both may be inoperative provided that the CDLS Normal System is considered inoperative.

Refer to Item 52-51-01 CDLS Normal System

52-01-01-02	STRIKE (TOP, MID, BOT) LEDs on the CKPT DOOR CONT Overhead Panel
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Ident.: MI-52-01-01-00008678.0001001 / 22 MAY 19

Applicable to: ALL

52-01-01-02A CKPT DOOR FAULT light operative

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

- (o) One or more may be inoperative provided that the CKPT DOOR FAULT light indicator on the center pedestal is checked operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 52-01-01-02A STRIKE (TOP, MID, BOT) LEDs on the CKPT DOOR CONT Overhead Panel*

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 52 - DOORS 52-01 - Overhead Panels 52-01-01 - CKPT DOOR CONT Normal Overhead Panel
-------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------

Continued from the previous page

52-01-01-02B CKPT DOOR FAULT light inoperative

Repair interval	Nbr installed	Nbr required	Placard
–	3	0	Yes

One or more may be inoperative provided that the CDLS Normal System is considered inoperative.

Refer to Item 52-51-01 CDLS Normal System

52-01-01-03	Pressure Rate Sensor on the CKPT DOOR CONT Overhead Panel
--------------------	------------------------------------------------------------------

Ident.: MI-52-01-01-00008679.0001001 / 23 AUG 17

Applicable to: ALL

52-01-01-03A One inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	2	1	Yes

(m) One may be inoperative for 60 consecutive calendar days provided that the remaining pressure rate sensor is checked operative.

_____ Reference(s) _____

(m) *Refer to AMM Task 52-51-00-040-011*

52-01-01-03B Both inoperative

Repair interval	Nbr installed	Nbr required	Placard
–	2	0	No

Both may be inoperative provided that the CDLS normal system is considered inoperative.
Refer to Item 52-51-01 CDLS Normal System.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 52 - DOORS 52-07 - Indications on the DOOR/OXY SD page</p>
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52-07-01	Cabin Door Permanently Indicated Open on the <u>DOOR/OXY</u> SD page
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Ident.: MI-52-07-00008777.0001001 / 22 MAY 19

Applicable to: ALL

52-07-01A Check of associated door and 'C' repair interval

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	No

- (o) One or more may be permanently indicated open when actually closed provided that:
- 1) The associated door is visually checked to be closed and locked before each flight, and
 - 2) The white SLIDE ARMED light on the associated door does not come on when the door is closed and locked and the slide arming lever is in the armed position.

_____ Reference(s) _____

- (o) *Refer to OpsProc 52-07-01A Cabin Door Permanently Indicated Open on the DOOR/OXY SD page (SLIDE ARMED light operative)*

52-07-01B Check of associated door and 'B' repair interval

Repair interval	Nbr installed	Nbr required	Placard
B	4	0	No

- (o) One or more may be permanently indicated open when actually closed provided that the associated door is visually checked to be closed and locked before each flight.

_____ Reference(s) _____

- (o) *Refer to OpsProc 52-07-01B Cabin Door Permanently Indicated Open on the DOOR/OXY SD page (SLIDE ARMED light may be permanently illuminated)*

52-07-01C No night operations

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	No

- (o) One or more may be permanently indicated open when actually closed provided that:
- 1) The aircraft is not operated at night, and
 - 2) The associated door is visually checked to be closed and locked before each flight.

_____ Reference(s) _____

- (o) *Refer to OpsProc 52-07-01C Cabin Door Permanently Indicated Open on the DOOR/OXY SD page (SLIDE ARMED light may be permanently illuminated)*

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 52 - DOORS 52-07 - Indications on the DOOR/OXY SD page</p>
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

52-07-01D Slide of the associated door not armed

Repair interval	Nbr installed	Nbr required	Placard
A	4	3	No

- (o) One may be permanently indicated open when actually closed for 5 flights provided that:
 - 1) The associated door is visually checked to be closed and locked before each flight, and
 - 2) The slide of the associated door is not armed, and
 - 3) The associated door is considered inoperative.

Refer to Item 52-10-01 Cabin Door

_____ Reference(s) _____

- (o) *Refer to OpsProc 52-07-01D Cabin Door Permanently Indicated Open on the DOOR/OXY SD page (SLIDE ARMED light may be permanently illuminated)*

52-07-02	Cabin Door Permanently Indicated Closed on the <u>DOOR/OXY</u> SD page
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Ident.: MI-52-07-00008779.0001001 / 22 MAY 19

Applicable to: ALL

52-07-02A No night operations

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	No

- (o) One or more may be permanently indicated closed when actually open provided that:
 - 1) The aircraft is not operated at night, and
 - 2) The associated door is visually checked to be closed and locked before each flight.

_____ Reference(s) _____

- (o) *Refer to OpsProc 52-07-02A Cabin Door Permanently Indicated Closed on the DOOR/OXY SD page*

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 52 - DOORS 52-07 - Indications on the DOOR/OXY SD page</p>
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

52-07-02B Check of associated door

Repair interval	Nbr installed	Nbr required	Placard
A	4	3	No

- (o) One may be permanently indicated closed when actually open for 5 flights provided that:
- 1) The associated door is visually checked to be closed and locked before each flight, and
 - 2) The associated door is considered inoperative.

Refer to Item 52-10-01 Cabin Door

_____ Reference(s) _____

- (o) *Refer to OpsProc 52-07-02B Cabin Door Permanently Indicated Closed on the DOOR/OXY SD page*

52-07-03	<p style="text-align: center;">Cabin Overwing Exit Permanently Indicated Open on the <u>DOOR/OXY</u> SD page</p>
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Ident.: MI-52-07-00008780.0001001 / 22 MAY 19

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL, LY-RAM

52-07-03A Check of associated exit and 'C' repair interval

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	No

- (o)(m) One or more may be permanently indicated open when actually closed provided that:
- 1) The associated exit is visually checked to be closed and locked before each flight, and
 - 2) The associated SLIDE indication is displayed in white on the DOOR/OXY SD page.

_____ Reference(s) _____

- (o) *Refer to OpsProc 52-07-03A Cabin Overwing Exit Permanently Indicated Open on the DOOR/OXY SD page*

- (m) *Refer to AMM Task 52-70-00-040-010*

52-07-03B Check of associated exit and 'B' repair interval

Repair interval	Nbr installed	Nbr required	Placard
B	4	0	No

- (o)(m) One or more may be permanently indicated open when actually closed provided that the associated exit is visually checked to be closed and locked before each flight.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 52 - DOORS 52-07 - Indications on the DOOR/OXY SD page</p>
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Reference(s)

- (o) Refer to OpsProc 52-07-03B Cabin Overwing Exit Permanently Indicated Open on the DOOR/OXY SD page
- (m) Refer to AMM Task 52-70-00-040-010

52-07-03C No night operations

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	No

- (o) (m) One or more may be permanently indicated open when actually closed provided that:
 - 1) The aircraft is not operated at night, and
 - 2) The associated exit is visually checked to be closed and locked before each flight.

Reference(s)

- (o) Refer to OpsProc 52-07-03C Cabin Overwing Exit Permanently Indicated Open on the DOOR/OXY SD page
- (m) Refer to AMM Task 52-70-00-040-010

52-07-03D Both exits on the same side considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	4	2	No

- (o) (m) One or two may be permanently indicated open on the same side when actually closed for 5 flights provided that:
 - 1) The associated exit is visually checked to be closed and locked before each flight, and
 - 2) Both exits on the same side are considered inoperative.
Refer to Item 52-10-02 Cabin Overwing Exit

Reference(s)

- (o) Refer to OpsProc 52-07-03D Cabin Overwing Exit Permanently Indicated Open on the DOOR/OXY SD page
- (m) Refer to AMM Task 52-70-00-040-010

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 52 - DOORS 52-07 - Indications on the DOOR/OXY SD page
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52-07-03	Cabin Overwing Exit Permanently Indicated Open on the <u>DOOR/OXY</u> SD page
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Ident.: MI-52-07-00008780.0002001 / 22 MAY 19

Applicable to: LY-COD

52-07-03A Check of associated exit and 'C' repair interval

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o)(m) One or both may be permanently indicated open when actually closed provided that:
- 1) The associated exit is visually checked to be closed and locked before each flight, and
 - 2) The associated SLIDE indication is displayed in white on the DOOR/OXY SD page.

_____ Reference(s) _____

- (o) *Refer to OpsProc 52-07-03A Cabin Overwing Exit Permanently Indicated Open on the DOOR/OXY SD page*
- (m) *Refer to AMM Task 52-70-00-040-010*

52-07-03B Check of associated exit and 'B' repair interval

Repair interval	Nbr installed	Nbr required	Placard
B	2	0	No

- (o)(m) One or both may be permanently indicated open when actually closed provided that the associated exit is visually checked to be closed and locked before each flight.

_____ Reference(s) _____

- (o) *Refer to OpsProc 52-07-03B Cabin Overwing Exit Permanently Indicated Open on the DOOR/OXY SD page*
- (m) *Refer to AMM Task 52-70-00-040-010*

52-07-03C No night operations

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o)(m) One or both may be permanently indicated open when actually closed provided that:
- 1) The aircraft is not operated at night, and
 - 2) The associated exit is visually checked to be closed and locked before each flight.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 52 - DOORS 52-07 - Indications on the DOOR/OXY SD page</p>
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Reference(s)

- (o) Refer to OpsProc 52-07-03C Cabin Overwing Exit Permanently Indicated Open on the DOOR/OXY SD page
- (m) Refer to AMM Task 52-70-00-040-010

52-07-03D Associated exit considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	2	1	No


- (o) (m) One may be permanently indicated open when actually closed for 5 flights provided that:
 - 1) The associated exit is visually checked to be closed and locked before each flight, and
 - 2) The associated exit is considered inoperative.
Refer to Item 52-10-02 Cabin Overwing Exit

Reference(s)

- (o) Refer to OpsProc 52-07-03D Cabin Overwing Exit Permanently Indicated Open on the DOOR/OXY SD page
- (m) Refer to AMM Task 52-70-00-040-010

52-07-04	<p style="text-align: center;">Cabin Overwing Exit Permanently Indicated Closed on the DOOR/OXY SD page</p>
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Ident.: MI-52-07-00008781.0001001 / 22 MAY 19

 2 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL, LY-RAM

52-07-04A No night operations

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	No

- (o) (m) One or more may be permanently indicated closed when actually open provided that:
 - 1) The aircraft is not operated at night, and
 - 2) The associated exit is visually checked to be closed and locked before each flight.

Reference(s)

- (o) Refer to OpsProc 52-07-04A Cabin Overwing Exit Permanently Indicated Closed on the DOOR/OXY SD page
- (m) Refer to AMM Task 52-70-00-040-011

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 52 - DOORS 52-07 - Indications on the DOOR/OXY SD page</p>
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

52-07-04B Both exits on the same side considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	4	2	No

(o)(m) One or two may be permanently indicated closed on the same side when actually open for 5 flights provided that:

- 1) The associated exit is visually checked to be closed and locked before each flight, and
- 2) Both exits on the same side are considered inoperative.

Refer to Item 52-10-02 Cabin Overwing Exit

_____ Reference(s) _____

(o) *Refer to OpsProc 52-07-04B Cabin Overwing Exit Permanently Indicated Closed on the DOOR/OXY SD page*

(m) *Refer to AMM Task 52-70-00-040-011*

52-07-04	Cabin Overwing Exit Permanently Indicated Closed on the <u>DOOR/OXY</u> SD page
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Ident.: MI-52-07-00008781.0002001 / 22 MAY 19

Applicable to: LY-COD

52-07-04A No night operations

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

(o)(m) One or both may be permanently indicated closed when actually open provided that:

- 1) The aircraft is not operated at night, and
- 2) The associated exit is visually checked to be closed and locked before each flight.

_____ Reference(s) _____

(o) *Refer to OpsProc 52-07-04A Cabin Overwing Exit Permanently Indicated Closed on the DOOR/OXY SD page*

(m) *Refer to AMM Task 52-70-00-040-011*

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 52 - DOORS 52-07 - Indications on the DOOR/OXY SD page</p>
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

52-07-04B Associated exit considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	2	1	No

(o) (m) One may be permanently indicated closed when actually open for 5 flights provided that:

- 1)** The associated exit is visually checked to be closed and locked before each flight, and
- 2)** The associated exit is considered inoperative.

Refer to Item 52-10-02 Cabin Overwing Exit

_____ Reference(s) _____

(o) *Refer to OpsProc 52-07-04B Cabin Overwing Exit Permanently Indicated Closed on the DOOR/OXY SD page*

(m) *Refer to AMM Task 52-70-00-040-011*

52-07-05	Cargo Door Indication on the DOOR/OXY SD page
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Ident.: MI-52-07-00008782.0001001 / 13 MAY 20

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

52-07-05A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	No

(o) (m) One or more may be inoperative provided that the associated door is visually checked to be closed and locked before each flight.

_____ Reference(s) _____

(o) *Refer to OpsProc 52-07-05A Cargo Door Indication on the DOOR/OXY SD page*

(m) *Refer to AMM Task 52-70-00-040-001*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 52 - DOORS 52-07 - Indications on the DOOR/OXY SD page</p>
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52-07-05	Cargo Door Indication on the <u>DOOR/OXY</u> SD page
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Ident.: MI-52-07-00008782.9001002 / 13 MAY 20

Applicable to: LY-COD, LY-RAM

52-07-05A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

(o)(m) One or more may be inoperative provided that the associated door is visually checked to be closed and locked before each flight.

_____ Reference(s) _____

(o) Refer to OpsProc 52-07-05A Cargo Door Indication on the DOOR/OXY SD page

(m) Refer to AMM Task 52-70-00-040-001

52-07-06	Avionics Compartment Access Door Indication on the <u>DOOR/OXY</u> SD page
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Ident.: MI-52-07-00008784.0001001 / 22 MAY 19

Applicable to: ALL

52-07-06A

Repair interval	Nbr installed	Nbr required	Placard
C	–	0	No

(o)(m) One or more may be inoperative provided that the associated door is visually checked to be closed and locked before each flight.

_____ Reference(s) _____

(o) Refer to OpsProc 52-07-06A Avionics Compartment Access Door Indication on the DOOR/OXY SD page

(m) Refer to AMM Task 52-70-00-040-004

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 52 - DOORS 52-07 - Indications on the DOOR/OXY SD page
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 52 - DOORS 52-10 - Cabin Door
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52-10-01	Cabin Door
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Ident.: MI-52-10-00008689.0007001 / 22 MAY 19

Applicable to: ALL

52-10-01A

Repair interval	Nbr installed	Nbr required	Placard
A	4	3	Yes

(o)(m) One may be inoperative for 5 flights provided that:

- 1) The number of passengers carried and their location in the cabin is in accordance with the operational procedure, and
- 2) The affected exit is closed, latched and locked from the inside, and is placarded inoperative, and
- 3) The affected exit is not used for passenger boarding, nor for any purpose whilst passengers are on board, and
- 4) All the EXIT markings, signs and lights associated with the affected exit are obscured, and
- 5) Alternate cabin safety procedures are established and used.

_____ Reference(s) _____

(o) *Refer to OpsProc 52-10-01A Cabin Door*

(m) *Refer to AMM Task 52-10-00-040-803*

52-10-02	Cabin Overwing Exit
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Ident.: MI-52-10-00008690.0002001 / 22 MAY 19

Applicable to: LY-COD

52-10-02A

Repair interval	Nbr installed	Nbr required	Placard
A	2	1	Yes

(o)(m) One may be inoperative for 5 flights provided that:

- 1) The number of passengers carried and their location in the cabin is in accordance with the operational procedure, and
- 2) The affected exit is closed and placarded inoperative, and
- 3) All the EXIT markings, signs and lights associated with the affected exit are obscured, and
- 4) Alternate cabin safety procedures are established and used, and
- 5) All other cabin doors are operative.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 52 - DOORS 52-10 - Cabin Door
-------------------------------------------------------------	-------------------------------------------------------------

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_____ Reference(s) _____

- (o) *Refer to OpsProc 52-10-02A Cabin Overwing Exit*
- (m) *Refer to AMM Task 52-21-00-040-802*

52-10-02	Cabin Overwing Exit
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Ident.: MI-52-10-00008690.0001001 / 22 MAY 19
Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL, LY-RAM

52-10-02A

Repair interval	Nbr installed	Nbr required	Placard
A	4	2	Yes

- (o) (m) One or two may be inoperative on the same side for 5 flights provided that:
- 1) The number of passengers carried and their location in the cabin is in accordance with the operational procedure, and
 - 2) The affected exit is closed and placarded inoperative, and
 - 3) All the EXIT markings, signs and lights associated with the affected exit are obscured, and
 - 4) Alternate cabin safety procedures are established and used, and
 - 5) All other cabin doors are operative.

_____ Reference(s) _____

- (o) *Refer to OpsProc 52-10-02A Cabin Overwing Exit*
- (m) *Refer to AMM Task 52-21-00-040-803*

52-10-03	Cabin Door Stop Fitting
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Ident.: MI-52-10-00008691.0001001 / 22 MAY 19
Applicable to: ALL

52-10-03A

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	No

A maximum of one per door may be inoperative provided that the flight is not pressurized.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 52 - DOORS 52-10 - Cabin Door
------------------------------------------------------	-------------------------------------------------------------

52-10-04	Cabin Door Damper Function
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Ident.: MI-52-10-00008692.0001001 / 05 APR 18

Applicable to: ALL

52-10-04A

Repair interval	Nbr installed	Nbr required	Placard
D	4	0	No

One or more may be inoperative.

52-10-05	Cabin Door Emergency Opening Function
-----------------	----------------------------------------------

Ident.: MI-52-10-00008693.0001001 / 05 APR 18

Applicable to: ALL

52-10-05A

Repair interval	Nbr installed	Nbr required	Placard
A	4	3	No

One may be inoperative for 5 flights provided that the affected door is considered inoperative.

Refer to Item 52-10-01 Cabin Door

52-10-06	DOOR PRESS LOW Message on the PTP STATUS Page
-----------------	------------------------------------------------------

Ident.: MI-52-10-00008694.0001001 / 03 MAR 21

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

52-10-06A Check of the associated door bottle pressure

Repair interval	Nbr installed	Nbr required	Placard
D	4	0	No

- (o) One or more may be inoperative provided that the associated door bottle pressure is checked before the first flight of each day.

_____ Reference(s) _____

- (o) *Refer to OpsProc 52-10-06A DOOR PRESS LOW Message on the PTP STATUS Page*

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 52 - DOORS 52-10 - Cabin Door
------------------------------------------------------	-------------------------------------------------------------

Continued from the previous page

52-10-06B One inoperative and associated exit considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	4	3	No

One may be inoperative for 5 flights provided that the associated exit is considered inoperative. *Refer to Item 52-10-01A Cabin Door*

52-10-06	CHECK DOOR PRESSURE Message on the FAP
----------	----------------------------------------

Ident.: MI-52-10-00008694.0004001 / 13 MAY 20
Applicable to: LY-COD, LY-RAM

52-10-06A Check of the associated door bottle pressure

Repair interval	Nbr installed	Nbr required	Placard
D	4	0	No

- (o) One or more may be inoperative provided that the associated door bottle pressure is checked before the first flight of each day.

Reference(s)

- (o) *Refer to OpsProc 52-10-06A CHECK DOOR PRESSURE Message on the FAP*

52-10-06B One inoperative and associated exit considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	4	3	No

One may be inoperative for 5 flights provided that the associated exit is considered inoperative. *Refer to Item 52-10-01A Cabin Door*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 52 - DOORS 52-10 - Cabin Door
------------------------------------------------------	-------------------------------------------------------------

52-10-07	Cabin Door Stay Mechanism
-----------------	----------------------------------

Ident.: MI-52-10-00008695.0001001 / 05 APR 18
Applicable to: ALL

52-10-07A

Repair interval	Nbr installed	Nbr required	Placard
A	4	3	No

One may be inoperative for 5 flights provided that the affected door is considered inoperative.
Refer to Item 52-10-01 Cabin Door

52-10-08	CABIN PRESSURE light (on Cabin Doors)
-----------------	----------------------------------------------

Ident.: MI-52-10-00008696.0001001 / 24 FEB 21
Applicable to: ALL

52-10-08A

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	Yes

- (o) One or more may be inoperative provided that the absence of differential pressure is confirmed before the opening of the associated cabin door.
Note: The placard should be visible from the inside and from the outside of the aircraft.
- _____ Reference(s) _____
- (o) *Refer to OpsProc 52-10-08A CABIN PRESSURE light (on Cabin Doors)*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 52 - DOORS 52-10 - Cabin Door
------------------------------------------------------	-------------------------------------------------------------

52-10-10	Door Residual Differential Pressure Detection
-----------------	------------------------------------------------------

Ident.: MI-52-10-00024694.0001001 / 24 FEB 21

Applicable to: ALL

52-10-10A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (o) May be inoperative provided that:
- 1) All the CABIN PRESSURE lights on cabin doors are placarded inoperative, and
 - 2) The absence of differential pressure is confirmed before the opening of any cabin door.

Note: The placard should be visible from the inside and from the outside of the aircraft.

_____ Reference(s) _____

- (o) Refer to OpsProc 52-10-10A Door Residual Differential Pressure Detection

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 52 - DOORS 52-30 - Cargo Door
------------------------------------------------------	-------------------------------------------------------------

52-30-01	Cargo Door (FWD, AFT and BULK)
-----------------	---------------------------------------

Ident.: MI-52-30-00008733.0001001 / 03 MAR 21

Applicable to: LY-COD, LY-RAM

52-30-01A Cargo door indicated locked on the DOOR/OXY SD page

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or more may be inoperative in the closed and locked position provided that they are indicated locked on the DOOR/OXY SD page.

52-30-01B Visual check of the cargo door

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

(m) One or more may be inoperative in the closed and locked position provided that the associated cargo door is visually checked to be closed and locked before each flight.

Reference(s)

(m) Refer to AMM Task 52-30-00-040-001

52-30-01	Cargo Door (FWD, AFT and BULK)
-----------------	---------------------------------------

Ident.: MI-52-30-00008733.9001002 / 03 MAR 21

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

52-30-01A Cargo door indicated locked on the DOOR/OXY SD page

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	No

One or more may be inoperative in the closed and locked position provided that they are indicated locked on the DOOR/OXY SD page.

52-30-01B Visual check of the cargo door

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	No

(m) One or more may be inoperative in the closed and locked position provided that the associated cargo door is visually checked to be closed and locked before each flight.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 52 - DOORS 52-30 - Cargo Door
-------------------------------------------------------------	-------------------------------------------------------------

Continued from the previous page

Reference(s)

(m) Refer to AMM Task 52-30-00-040-001

52-30-02	Cargo Door Actuator
----------	---------------------

Ident.: MI-52-30-00008734.0002001 / 22 MAY 19

Applicable to: ALL

52-30-02A A maximum of one actuator inoperative per cargo door

Repair interval	Nbr installed	Nbr required	Placard
C	4	2	No

- A maximum of one per cargo door may be inoperative provided that:
- 1) The integrity of the yellow hydraulic system is not affected, and
 - 2) The wind velocity during loading and unloading operations is below 30 kt, and
 - 3) The operation of the door with a single actuator is limited to 100 open/close cycles.

52-30-02B A maximum of one actuator inoperative per cargo door, preventing door operation

Repair interval	Nbr installed	Nbr required	Placard
C	4	2	No

- (m) A maximum of one actuator per cargo door may be inoperative provided that:
- 1) The affected actuator is deactivated, and
 - 2) The integrity of the yellow hydraulic system is not affected, and
 - 3) The wind velocity during loading and unloading operations is below 30 kt, and
 - 4) The operation of the door with a single actuator is limited to 100 open/close cycles.

Reference(s)

(m) Refer to AMM Task 52-36-00-040-001

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 52 - DOORS 52-30 - Cargo Door
-------------------------------------------------------------	-------------------------------------------------------------

Continued from the previous page

52-30-02C Two actuators inoperative per cargo door

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	No

(m) One or more may be inoperative provided that:

- 1) The integrity of the yellow hydraulic system is not affected, and
- 2) The associated cargo door is operated with a crane.

_____ Reference(s) _____

(m) Refer to AMM Task 52-36-00-040-001

52-30-03	Cargo Door Electrical Control
-----------------	--------------------------------------

Ident.: MI-52-30-00008737.0001001 / 13 MAY 20

Applicable to: ALL

52-30-03A Cargo door operated using hand pump

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

(o) One or more may be inoperative provided that the associated cargo doors can be operated using the hand pump.

Note: Apply the operational procedure only in the case of continuous operation of the yellow electric pump.

_____ Reference(s) _____

(o) Refer to OpsProc 52-30-03A Cargo Door Electrical Control

52-30-03B Cargo door considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

(o) One or more may be inoperative provided that the associated cargo door is considered inoperative.

Refer to Item 52-30-01 Cargo Door (FWD, AFT and BULK)

Note: Apply the operational procedure only in the case of continuous operation of the yellow electric pump.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>52 - DOORS</div> <div>52-30 - Cargo Door</div>
------------------------------------------------------	--------------------------------------------------------------------------

Continued from the previous page

Reference(s)

(o) Refer to OpsProc 52-30-03B Cargo Door Electrical Control

52-30-04	Cargo Door Locking Hooks and Spools (Rollers)
----------	-----------------------------------------------

Ident.: MI-52-30-00008739.0001001 / 13 MAY 20

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

52-30-04A

Repair interval	Nbr installed	Nbr required	Placard
C	12	9	No

A maximum of one locking hook or one spool per cargo door may be inoperative provided that:

- 1) All the others have no damage, and
- 2) The flight is not pressurized.

52-30-04	Cargo Door Locking Hooks and Spools (Rollers)
----------	-----------------------------------------------

Ident.: MI-52-30-00008739.9001002 / 13 MAY 20

Applicable to: LY-COD, LY-RAM

52-30-04A

Repair interval	Nbr installed	Nbr required	Placard
C	8	6	No

A maximum of one locking hook or one spool per cargo door may be inoperative provided that:

- 1) All the others have no damage, and
- 2) The flight is not pressurized.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 52 - DOORS 52-30 - Cargo Door
------------------------------------------------------	-------------------------------------------------------------

52-30-05	Cargo Door Hand Pump
-----------------	-----------------------------

Ident.: MI-52-30-00008741.0001001 / 22 MAR 10
Applicable to: ALL

52-30-05A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

May be inoperative provided that the integrity of the yellow hydraulic system is not affected.

52-30-06	Cargo Door Drift Pin
-----------------	-----------------------------

Ident.: MI-52-30-00008742.0001001 / 22 MAY 19
Applicable to: ALL

52-30-06A

Repair interval	Nbr installed	Nbr required	Placard
A	4	0	No

One or both on each cargo door may be inoperative for one flight.

52-30-07	Cargo Doors Open/Locked Indicator light
-----------------	------------------------------------------------

Ident.: MI-52-30-00008743.0001001 / 22 MAY 19
Applicable to: ALL

52-30-07A

Repair interval	Nbr installed	Nbr required	Placard
D	2	0	No

- (o) One or both may be inoperative provided that the associated cargo door is in the fully open position during loading and unloading operations.

_____ Reference(s) _____

- (o) *Refer to OpsProc 52-30-07A Cargo Door Open/Locked Indicator light*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 52 - DOORS 52-30 - Cargo Door
------------------------------------------------------	-------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>52 - DOORS</div> <div>52-33 - Bulk Cargo Compartment Door</div>
------------------------------------------------------	-------------------------------------------------------------------------------------------

52-33-01	Cargo Door Balance Mechanism
----------	------------------------------

Ident.: MI-52-33-00008746.0001001 / 22 MAY 19

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

52-33-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

- (m) May be inoperative or damaged provided that:
- 1) A safety hold device is used to maintain the cargo door in the open position during loading and unloading operations, and

2) The associated cargo door is visually checked to be closed and locked.

Reference(s)

- (m) Refer to AMM Task 52-33-00-040-001

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 52 - DOORS 52-33 - Bulk Cargo Compartment Door
------------------------------------------------------	------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 52 - DOORS 52-51 - Reinforced Cockpit Door (CDLS)
-------------------------------------------------------------	---------------------------------------------------------------------------------

52-51-01	CDLS Normal System
-----------------	---------------------------

Ident.: MI-52-51-00008750.0001001 / 03 MAR 21

Applicable to: ALL

52-51-01B

Repair interval	Nbr installed	Nbr required	Placard
B	1	0	Yes

(o)(m) May be inoperative provided that:

- 1) The CDLS Normal System is deactivated, and
- 2) The cockpit door is secured closed for takeoff and landing.

_____ Reference(s) _____

(o) Refer to OpsProc 52-51-01B CDLS Normal System

(m) Refer to AMM Task 52-51-00-040-006

52-51-03	CDLS Buzzer
-----------------	--------------------

Ident.: MI-52-51-00008754.0001001 / 22 MAY 19

Applicable to: ALL

52-51-03A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	No

(o)(m) May be inoperative provided that alternate procedures are established and used.

Note: Apply the maintenance procedure only when the buzzer sounds permanently.

_____ Reference(s) _____

(o) Refer to OpsProc 52-51-03A CDLS Buzzer

(m) Refer to AMM Task 52-51-00-040-803

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 52 - DOORS 52-51 - Reinforced Cockpit Door (CDLS)
------------------------------------------------------	---------------------------------------------------------------------------------

52-51-04	CDLS Keypad
----------	-------------

Ident.: MI-52-51-00008759.0001001 / 22 MAY 19

Applicable to: ALL

52-51-04A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(o) (m) May be inoperative provided that:

- 1) The interphone system between the cabin and the cockpit is operative, and
- 2) The CDLS keypad is deactivated.

_____ Reference(s) _____

(o) *Refer to OpsProc 52-51-04A CDLS Keypad*

(m) *Refer to AMM Task 52-51-00-040-007*

52-51-05	CDLS Keypad LED
----------	-----------------

Ident.: MI-52-51-00008762.0001001 / 13 MAY 20

Applicable to: ALL

52-51-05A

Repair interval	Nbr installed	Nbr required	Placard
C	3	0	Yes

(o) One or more may be inoperative provided that alternate procedures are established and used.

_____ Reference(s) _____

(o) *Refer to OpsProc 52-51-05A CDLS Keypad LED*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>52 - DOORS</div> <div>52-51 - Reinforced Cockpit Door (CDLS)</div>
------------------------------------------------------	----------------------------------------------------------------------------------------------

52-51-06	CDLS Door Release Strike (Catch, Spring, Solenoid, Bolt)
----------	----------------------------------------------------------

Ident.: MI-52-51-00008764.0001001 / 21 NOV 17

Applicable to: ALL

52-51-06A One inoperative

Repair interval	Nbr installed	Nbr required	Placard
D	3	2	No

(m) One may be inoperative.

Note: Apply the maintenance procedure only when the inoperative door release strike is failed in the locked position. If the center release strike is deactivated, the cockpit door OPEN light is considered inoperative.

Refer to Item 52-53-02 COCKPIT DOOR OPEN light

Reference(s)

(m) Refer to AMM Task 52-51-00-040-010

52-51-06B Two or more inoperative

Repair interval	Nbr installed	Nbr required	Placard
B	3	0	No

(m) Two or more may be inoperative provided that the CDLS Normal System and the BK UP System are considered inoperative.

Refer to Item 52-51-01 CDLS Normal System

Note: Apply the maintenance procedure only when the inoperative door release strikes are failed in the locked position.

Reference(s)

(m) Refer to AMM Task 52-51-00-040-010

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>52 - DOORS</div> <div>52-51 - Reinforced Cockpit Door (CDLS)</div>
------------------------------------------------------	----------------------------------------------------------------------------------------------

52-51-07	CDLS Deadbolt
----------	---------------

Ident.: MI-52-51-00008766.0001001 / 21 NOV 17

Applicable to: LY-EMU, LY-RAM

52-51-07A

Repair interval	Nbr installed	Nbr required	Placard
D	1	0	No

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 52 - DOORS 52-53 - COCKPIT DOOR Panel on the Center Pedestal
-------------------------------------------------------------	--------------------------------------------------------------------------------------------

52-53-01	COCKPIT DOOR FAULT light
-----------------	---------------------------------

Ident.: MI-52-53-00008768.0001001 / 21 NOV 17

Applicable to: ALL

52-53-01A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

May be inoperative.

52-53-02	COCKPIT DOOR OPEN light
-----------------	--------------------------------

Ident.: MI-52-53-00008770.0001001 / 21 NOV 17

Applicable to: ALL

52-53-02A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(o) May be inoperative.

_____ Reference(s) _____

(o) *Refer to OpsProc 52-53-02A COCKPIT DOOR OPEN light*

52-53-03	LOCK Function of the COCKPIT DOOR sw
-----------------	---------------------------------------------

Ident.: MI-52-53-00008772.0001001 / 21 NOV 17

Applicable to: ALL

52-53-03A

Repair interval	Nbr installed	Nbr required	Placard
B	1	0	Yes

May be inoperative provided that the cockpit door keypad is considered inoperative.

Refer to Item 52-51-04 CDLS Keypad

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>52 - DOORS</div> <div>52-53 - COCKPIT DOOR Panel on the Center Pedestal</div>
------------------------------------------------------	---------------------------------------------------------------------------------------------------------

52-53-04	UNLOCK Function of the COCKPIT DOOR sw
----------	----------------------------------------

Ident.: MI-52-53-00008774.0001001 / 21 NOV 17

Applicable to: ALL

52-53-04A

Repair interval	Nbr installed	Nbr required	Placard
C	1	0	Yes

(o) May be inoperative.

Reference(s)

(o) Refer to OpsProc 52-53-04A UNLOCK Function of the COCKPIT DOOR sw

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 56 - WINDOWS 56-10 - Cockpit
------------------------------------------------------	------------------------------------------------------------

56-10-01	Front Windshield
-----------------	-------------------------

Ident.: MI-56-10-00008671.0001001 / 13 MAY 20

Applicable to: ALL

Note: A cockpit window with permitted minor damages (as described in the appropriate inspection procedure) is considered operative. However, the vision through this cockpit window must be acceptable to the flight crew.

56-10-01A For SGS (Ex SPS) Windshields (Except P/N STA320-1-3-1 and STA320-2-3-1) and for PPG Windshields and for GKN Windshields (Only P/N GKN 06282 & 06283)

Repair interval	Nbr installed	Nbr required	Placard
A	2	2	No

(o)(m) One front windshield external ply may be cracked for ten flights provided that:

- 1) The other front windshield is not damaged, and
- 2) The associated windshield heating is deactivated, and
- 3) The visibility through the associated front windshield is acceptable to the flight crew, and
- 4) The aircraft is not operated in known or forecast icing conditions.

_____ Reference(s) _____

(o) Refer to OpsProc 56-10-01A Front Windshield

(m) Refer to AMM Task 56-10-00-040-001

56-10-01B For SGS (Ex SPS) Windshields (Except P/N STA320-1-3-1 and STA320-2-3-1) and for PPG Windshields and for GKN Windshields (Only P/N GKN 06282 & 06283)

Repair interval	Nbr installed	Nbr required	Placard
C	2	2	No

(o)(m) One front windshield may have burn spots in the bus bar area beyond the limits provided that:

- 1) The other front windshield is not damaged, and
- 2) The associated windshield heating is deactivated, and
- 3) The visibility through the associated front windshield is acceptable to the flight crew, and
- 4) The aircraft is not operated in known or forecast icing conditions.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 56 - WINDOWS 56-10 - Cockpit
-------------------------------------------------------------	------------------------------------------------------------

Continued from the previous page

Reference(s)

- (o) Refer to OpsProc 56-10-01B Front Windshield
- (m) Refer to AMM Task 56-10-00-040-001

56-10-01C For SGS (Ex SPS) Windshields (only P/N STA320-1-3-1 and STA320-2-3-1)

Repair interval	Nbr installed	Nbr required	Placard
A	2	2	No

- (o) (m) One front windshield external ply may be cracked for one flight provided that:
- 1) The other front windshield is not damaged, and
 - 2) The associated windshield heating is deactivated, and
 - 3) The visibility through the associated front windshield is acceptable to the flight crew, and
 - 4) The aircraft is not operated in known or forecast icing conditions.

Reference(s)

- (o) Refer to OpsProc 56-10-01C Front Windshield
- (m) Refer to AMM Task 56-10-00-040-001

56-10-01D For SGS (Ex SPS) Windshields (only P/N STA320-1-3-1 and STA320-2-3-1)

Repair interval	Nbr installed	Nbr required	Placard
C	2	2	No

- (o) (m) One front windshield may have burn spots in the bus bar area beyond the limits provided that:
- 1) The other front windshield is not damaged, and
 - 2) The associated windshield heating is deactivated, and
 - 3) The visibility through the associated front windshield is acceptable to the flight crew, and
 - 4) The aircraft is not operated in known or forecast icing conditions.

Reference(s)

- (o) Refer to OpsProc 56-10-01D Front Windshield
- (m) Refer to AMM Task 56-10-00-040-001

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 56 - WINDOWS 56-10 - Cockpit
------------------------------------------------------	------------------------------------------------------------

56-10-02	Lateral Fixed/Sliding Window
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Ident.: MI-56-10-00008673.0001001 / 13 MAY 20

Applicable to: ALL

Note: A cockpit window with permitted minor damages (as described in the appropriate inspection procedure) is considered operative. However, the vision through this cockpit window must be acceptable to the flight crew.

56-10-02A For Acrylic Window (LUCAS/ACT Supplier, P/N starting with NH)

Repair interval	Nbr installed	Nbr required	Placard
C	4	4	No

(m) One or more lateral windows may have burn spots in the bus bar area provided that:

- 1) The diameter of the mark is less than 10 mm, and
- 2) The associated lateral window heating is deactivated, and
- 3) The visibility through the affected lateral window is acceptable to the flight crew.

_____ Reference(s) _____

(m) Refer to AMM Task 56-10-00-040-002

56-10-02B For Glass Window (SGS (Ex SPS) Supplier (P/N starting with SPS) and PPG Supplier (P/N starting with NP))

Repair interval	Nbr installed	Nbr required	Placard
A	4	4	No

External ply may be cracked for one flight provided that:

- 1) The other lateral windows are not damaged, and
- 2) The visibility through the affected lateral window is acceptable to the flight crew.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 56 - WINDOWS 56-10 - Cockpit
------------------------------------------------------	------------------------------------------------------------

Continued from the previous page

56-10-02C For Glass Window (SGS (Ex SPS) Supplier (P/N starting with SPS) and PPG Supplier (P/N starting with NP))

Repair interval	Nbr installed	Nbr required	Placard
C	4	4	No

One or more lateral windows may have burn spots in the bus bar area provided that:

- 1) The diameter of the mark is less than 10 mm, and
- 2) The visibility through the affected lateral window is acceptable to the flight crew.

56-10-03	Sliding Window Opening/Closing Mechanism
-----------------	-------------------------------------------------

Ident.: MI-56-10-00008675.0001001 / 22 MAR 10
 Applicable to: ALL

56-10-03A

Repair interval	Nbr installed	Nbr required	Placard
–	2	2	No

Both must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 56 - WINDOWS 56-20 - Cabin
------------------------------------------------------	----------------------------------------------------------

56-20-01	Cabin Window
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Ident.: MI-56-20-00008676.0001001 / 13 MAY 20

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

Note: A cabin window with permitted minor damages (as described in the appropriate inspection procedure) is considered operative.

56-20-01A

Repair interval	Nbr installed	Nbr required	Placard
C	80	0	No

One or more may be cracked provided that the flight is not pressurized.

56-20-01	Cabin Window
-----------------	---------------------

Ident.: MI-56-20-00008676.9001002 / 13 MAY 20

Applicable to: LY-COD, LY-RAM

Note: A cabin window with permitted minor damages (as described in the appropriate inspection procedure) is considered operative.

56-20-01A

Repair interval	Nbr installed	Nbr required	Placard
C	66	0	No

One or more may be cracked provided that the flight is not pressurized.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 56 - WINDOWS 56-20 - Cabin
------------------------------------------------------	----------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 70 - ENGINE 70-00 - MAINTENANCE Messages on the STATUS SD page
-------------------------------------------------------------	----------------------------------------------------------------------------------------------

70-00-01	ENG FADEC <u>MAINTENANCE</u> Message
-----------------	---------------------------------------------

Ident.: MI-70-00-00008668.0001001 / 22 MAR 10

Applicable to: ALL

70-00-01A

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	No

ENG FADEC MAINTENANCE message may be displayed on the STATUS SD page.

70-00-02	ENG EIU <u>MAINTENANCE</u> Message
-----------------	-------------------------------------------

Ident.: MI-70-00-00008669.0001001 / 22 MAR 10

Applicable to: ALL

70-00-02A

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	No

ENG EIU MAINTENANCE message may be displayed on the STATUS SD page.

70-00-03	ENG EVMU <u>MAINTENANCE</u> Message
-----------------	--------------------------------------------

Ident.: MI-70-00-00008670.0001001 / 22 MAR 10

Applicable to: ALL

70-00-03A

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	No

ENG EVMU MAINTENANCE message may be displayed on the STATUS SD page.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 70 - ENGINE 70-00 - MAINTENANCE Messages on the STATUS SD page
------------------------------------------------------	----------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">73 - ENGINE FUEL AND CONTROL</p> <p style="text-align: center;">73-07 - Indications on the ENGINE SD page</p>
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

73-07-01	F. USED Indication on the <u>ENGINE</u> SD page
-----------------	--------------------------------------------------------

Ident.: MI-73-07-00008664.0001001 / 22 MAY 19

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

73-07-01A One indication inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

One may be inoperative provided that the fuel quantity indications of the associated tanks are operative on the FUEL SD page.

73-07-01B Both indications inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

Both may be inoperative provided that:

- 1) ETOPS is not conducted, and
- 2) The fuel quantity indications of the associated tanks are operative on the FUEL SD page.

73-07-01	Fuel Used Indication on the <u>ENGINE</u> SD page
-----------------	----------------------------------------------------------

Ident.: MI-73-07-00008664.0002001 / 22 MAY 19

Applicable to: LY-COD, LY-RAM

73-07-01A One indication inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

One may be inoperative provided that:

- 1) The fuel quantity indication on the associated tanks are operative on the FUEL SD page, and
- 2) The Fuel Used 1+2 Indication is considered inoperative.

Refer to Item 28-07-06-02 Fuel Used 1+2 Indication on the FUEL SD page

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>73 - ENGINE FUEL AND CONTROL</div> <div>73-07 - Indications on the ENGINE SD page</div>
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------

Continued from the previous page

73-07-01B Both indications inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

Both may be inoperative provided that:

- 1) ETOPS is not conducted, and
- 2) The fuel quantity indications of the associated tanks are operative on the FUEL SD page, and
- 3) The Fuel Used 1+2 Indication is considered inoperative.

Refer to Item 28-07-06-02 Fuel Used 1+2 Indication on the FUEL SD page

73-07-02	Fuel Filter Clog Indication on the <u>ENGINE</u> SD page
----------	----------------------------------------------------------

Ident.: MI-73-07-00008665.0001001 / 22 MAR 10

Applicable to: ALL

73-07-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>73 - ENGINE FUEL AND CONTROL</div> <div>73-08 - Indications on the EWD</div>
------------------------------------------------------	--------------------------------------------------------------------------------------------------------

73-08-01	Fuel Flow Indication on the EWD
----------	---------------------------------

Ident.: MI-73-08-00008666.0001001 / 27 JUN 11

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

73-08-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

One may be inoperative.

73-08-01	Fuel Flow Indication on the EWD
----------	---------------------------------

Ident.: MI-73-08-00008666.0002001 / 12 AUG 14

Applicable to: LY-COD, LY-RAM

73-08-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

One may be inoperative provided that the Fuel Flow 1+2 Indication on the FUEL SD page is considered inoperative.

Refer to Item 28-07-05-01 Fuel Flow 1+2 Indication on the FUEL SD Page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 73 - ENGINE FUEL AND CONTROL 73-08 - Indications on the EWD
------------------------------------------------------	-------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>73 - ENGINE FUEL AND CONTROL</div> <div>73-09 - ECAM Alerts</div>
------------------------------------------------------	---------------------------------------------------------------------------------------------

73-09-01	ENG 1(2) FUEL FILTER CLOG Alert
----------	---------------------------------

Ident.: MI-73-09-00008667.0001001 / 23 AUG 17

Applicable to: ALL

73-09-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (m) One may be displayed provided that:
- 1) The alert is confirmed to be false by troubleshooting, and

2) The associated filter is replaced every day.

Reference(s)

- (m) Refer to AMM Task

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 73 - ENGINE FUEL AND CONTROL 73-09 - ECAM Alerts
------------------------------------------------------	--------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">73 - ENGINE FUEL AND CONTROL</p> <p style="text-align: center;">73-10 - Distribution</p>
------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

73-10-01	Fuel Return Valve
-----------------	--------------------------

Ident.: MI-73-10-00008653.0001001 / 22 MAY 19

Applicable to: LY-COD, LY-RAM

73-10-01A Inoperative in closed position

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

One may be inoperative in the closed position on one engine provided that the APU and the AC auxiliary generation are operative.

73-10-01B Inoperative in open position

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative in the open position provided that the four wing tank pumps are operative.

73-10-03	Fuel Metering Valve
-----------------	----------------------------

Ident.: MI-73-10-00008655.0001001 / 22 MAR 10

Applicable to: ALL

73-10-03A

Repair interval	Nbr installed	Nbr required	Placard
–	2	2	No

Both must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 73 - ENGINE FUEL AND CONTROL 73-10 - Distribution
------------------------------------------------------	---------------------------------------------------------------------------------

73-10-04	Engine HP Fuel Valve
-----------------	-----------------------------

Ident.: MI-73-10-00008656.0001001 / 22 MAR 10

 **Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL**

73-10-04A

Repair interval	Nbr installed	Nbr required	Placard
–	2	2	No

Both must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>73 - ENGINE FUEL AND CONTROL</div> <div>73-20 - Controlling</div>
------------------------------------------------------	---------------------------------------------------------------------------------------------

73-20-01	Flex Takeoff Mode
----------	-------------------

Ident.: MI-73-20-00008657.0001001 / 22 MAY 19

Applicable to: ALL

73-20-01A

Repair interval	Nbr installed	Nbr required	Placard
D	2	0	No

May be inoperative on one or both engines provided that the maximum thrust is used for takeoff.

73-20-04	EPR Control Mode
----------	------------------

Ident.: MI-73-20-00008660.0001001 / 22 MAY 19

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

73-20-04A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) The EPR control mode may be inoperative on one or both engines provided that:
- 1) ETOPS is not conducted, and

2) The rated N1 control mode is operative on both engines (ENG 1(2) N1 DEGRADED MODE message is not displayed on the STATUS SD page), and

3) The Flight Manual performance penalties are applied.

Note: When the EPR Control Mode is inoperative, the Autothrust is inoperative.
Refer to Item 22-30-01 Autothrust (A/THR)

Reference(s)

- (o) Refer to OpsProc 73-20-04A EPR Control Mode

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>73 - ENGINE FUEL AND CONTROL</div> <div>73-20 - Controlling</div>
------------------------------------------------------	---------------------------------------------------------------------------------------------

73-20-05	Minimum Idle on Ground
----------	------------------------

Ident.: MI-73-20-00008661.0001001 / 22 MAY 19

Applicable to: ALL

73-20-05A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) One or both may be inoperative provided that the Flight Manual performance penalties are applied.

Reference(s)

- (o) Refer to OpsProc 73-20-05A Minimum Idle on Ground

73-20-06	EEC ACFT 28V Power Supply
----------	---------------------------

Ident.: MI-73-20-00008662.0001001 / 15 SEP 10

2 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

73-20-06A

Repair interval	Nbr installed	Nbr required	Placard
C	4	2	No

The channel B power supply may be inoperative on one or both engines.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>74 - IGNITION</div> <div>74-07 - Indications on the ENGINE SD page</div>
------------------------------------------------------	----------------------------------------------------------------------------------------------------

74-07-01	Selected Igniter Indication on the <u>ENGINE</u> SD page
----------	----------------------------------------------------------

Ident.: MI-74-07-00008651.0001001 / 22 MAY 19

Applicable to: ALL

74-07-01A

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	No

- (o) One or more may be inoperative provided that the associated ENG 1(2) IGN A(B)(A+B) FAULT alert is checked operative.

Reference(s)

- (o) Refer to *OpsProc 74-07-01A Selected Igniter Indication on the ENGINE SD page*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 74 - IGNITION 74-07 - Indications on the ENGINE SD page
------------------------------------------------------	---------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 74 - IGNITION 74-09 - ECAM Alert
------------------------------------------------------	----------------------------------------------------------------

74-09-01	ENG 1(2) IGN A(B)(A+B) FAULT Alert
-----------------	-------------------------------------------

Ident.: MI-74-09-00008652.0001001 / 19 NOV 19
Applicable to: LY-COD, LY-RAM

74-09-01B One displayed

Repair interval	Nbr installed	Nbr required	Placard
C	6	5	No

(m) One may be displayed provided that the associated engine ignition system is checked operative every day.

_____ Reference(s) _____

(m) *Refer to AMM Task*

74-09-01C Up To Three displayed

Repair interval	Nbr installed	Nbr required	Placard
C	6	3	No

(m) Up to three may be displayed provided that the associated engine ignition systems are checked operative before each flight.

_____ Reference(s) _____

(m) *Refer to AMM Task*

74-09-01	ENG 1(2) IGN A(B)(A+B) FAULT Alert
-----------------	-------------------------------------------

Ident.: MI-74-09-00008652.0002001 / 31 JAN 17
1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

74-09-01A

Repair interval	Nbr installed	Nbr required	Placard
C	6	3	No

Up to three may be displayed.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 74 - IGNITION 74-09 - ECAM Alert
------------------------------------------------------	----------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p align="center">MEL ITEMS 74 - IGNITION 74-31 - Ignition Starting and Continuous Relight</p>
-------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

74-31-01	Ignition System A
-----------------	--------------------------

Ident.: MI-74-31-00008649.0001001 / 22 MAY 19
Applicable to: LY-COD, LY-RAM

74-31-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) One may be inoperative provided that:
 - 1) ETOPS is not conducted, and
 - 2) The associated engine ignition system B is operative.

_____ Reference(s) _____
- (o) *Refer to OpsProc 74-31-01A Ignition System A*

74-31-01	Ignition System A
-----------------	--------------------------

Ident.: MI-74-31-00008649.0002001 / 22 MAY 19
1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

74-31-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (o) One may be inoperative provided that:
 - 1) ETOPS is not conducted, and
 - 2) The associated engine ignition system B is operative.

Note: *System A is considered inoperative on both engines (NO DISPATCH) when the common power supply line from 401XP 115VAC ESS BUS is inoperative as a result of either a loss of electrical continuity or a short circuit (ENGINE/1 AND 2 IGN/SYS A (49VUA03) C/B tripped).*

_____ Reference(s) _____
- (o) *Refer to OpsProc 74-31-01A Ignition System A*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>74 - IGNITION</div> <div>74-31 - Ignition Starting and Continuous Relight</div>
------------------------------------------------------	-----------------------------------------------------------------------------------------------------------

74-31-02	Ignition System B
----------	-------------------

Ident.: MI-74-31-00008650.0001001 / 22 MAY 19

Applicable to: ALL

74-31-02A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) One or both may be inoperative.
- Reference(s)
- (o) Refer to OpsProc 74-31-02A Ignition System B

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 76 - ENGINE CONTROLS 76-11 - Throttle Control
------------------------------------------------------	-----------------------------------------------------------------------------

76-11-01	Thrust lever Position Sensor
----------	------------------------------

Ident.: MI-76-11-00008646.0001001 / 22 MAY 19

Applicable to: ALL

76-11-01A

Repair interval	Nbr installed	Nbr required	Placard
A	4	3	No

One may be inoperative on one engine for three days provided that:

- 1) The A/THR is operative, and
- 2) Both LGCIUs are operative, and
- 3) The L/G shock absorbers proximity detectors are operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 76 - ENGINE CONTROLS 76-11 - Throttle Control
------------------------------------------------------	-----------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">77 - ENGINE INDICATING</p> <p style="text-align: center;">77-07 - Indications on SD pages</p> <p style="text-align: center;">77-07-01 - Indications on the <u>CRUISE</u> SD page</p>
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77-07-01-01	N1 Vibration Indication on the <u>CRUISE</u> SD page
--------------------	-------------------------------------------------------------

Ident.: MI-77-07-01-00008609.0001001 / 22 MAR 10

Applicable to: ALL

77-07-01-01A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 77-07-02-05 N1 Vibration Indication on the ENGINE SD page

77-07-01-02	N2 Vibration Indication on the <u>CRUISE</u> SD page
--------------------	-------------------------------------------------------------

Ident.: MI-77-07-01-00008610.0001001 / 22 MAR 10

Applicable to: ALL

77-07-01-02A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 77-07-02-06 N2 Vibration Indication on the ENGINE SD page

77-07-01-03	F. USED (Fuel Used) Indication on the <u>CRUISE</u> SD page
--------------------	--------------------------------------------------------------------

Ident.: MI-77-07-01-00008611.0001001 / 22 MAR 10

Applicable to: ALL

77-07-01-03A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 73-07-01 Fuel Used Indication on the ENGINE SD page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>77 - ENGINE INDICATING</div> <div>77-07 - Indications on SD pages</div> <div>77-07-01 - Indications on the CRUISE SD page</div>
------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------

77-07-01-04	OIL QT (Oil Quantity) Indication on the <u>CRUISE</u> SD page
-------------	---------------------------------------------------------------

Ident.: MI-77-07-01-00008612.0001001 / 22 MAR 10

Applicable to: ALL

77-07-01-04A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 79-07-03 Oil Quantity Indication on the ENGINE SD page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p align="center">MEL ITEMS</p> <p align="center">77 - ENGINE INDICATING</p> <p align="center">77-07 - Indications on SD pages</p> <p align="center">77-07-02 - Indications on the ENGINE SD page</p>
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77-07-02-01	Engine Bleed Pressure Indication on the <u>ENGINE</u> SD page
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Ident.: MI-77-07-02-00008629.0001001 / 22 MAR 10

Applicable to: ALL

77-07-02-01A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 36-07-04 Engine Bleed Precooler Inlet Pressure Indication on the BLEED SD page

77-07-02-02	Fuel Filter Clog Indication on the <u>ENGINE</u> SD page
--------------------	-----------------------------------------------------------------

Ident.: MI-77-07-02-00008630.0001001 / 22 MAR 10

Applicable to: ALL

77-07-02-02A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 73-07-02 Fuel Filter CLOG Indication on the ENGINE SD page

77-07-02-03	Fuel Used Indication on the <u>ENGINE</u> SD page
--------------------	----------------------------------------------------------

Ident.: MI-77-07-02-00008631.0001001 / 22 MAR 10

Applicable to: ALL

77-07-02-03A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 73-07-01 Fuel Used Indication on the ENGINE SD page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">77 - ENGINE INDICATING</p> <p style="text-align: center;">77-07 - Indications on SD pages</p> <p style="text-align: center;">77-07-02 - Indications on the ENGINE SD page</p>
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77-07-02-04	Nacelle Temperature Indication on the <u>ENGINE</u> SD page
--------------------	--------------------------------------------------------------------

Ident.: MI-77-07-02-00008632.0001001 / 22 MAR 10

Applicable to: ALL

77-07-02-04A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative.

77-07-02-05	N1 Vibration Indication on the <u>ENGINE</u> SD page
--------------------	-------------------------------------------------------------

Ident.: MI-77-07-02-00008633.0001001 / 22 MAY 19

Applicable to: ALL

77-07-02-05A One indication inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

One may be inoperative.

77-07-02-05B Both indications inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	2	0	No

Both may be inoperative for three flights provided that:

- 1) ETOPS is not conducted, and
- 2) No vibration advisory was displayed during the previous flight.

77-07-02-06	N2 Vibration Indication on the <u>ENGINE</u> SD page
--------------------	-------------------------------------------------------------

Ident.: MI-77-07-02-00008634.0001001 / 22 MAY 19

Applicable to: ALL

77-07-02-06A One indication inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

One may be inoperative.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL ITEMS 77 - ENGINE INDICATING 77-07 - Indications on SD pages 77-07-02 - Indications on the ENGINE SD page </div>
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

77-07-02-06B Both indications inoperative

Repair interval	Nbr installed	Nbr required	Placard
A	2	0	No

Both may be inoperative for three flights provided that:

- 1) ETOPS is not conducted, and
- 2) No vibration advisory was displayed during the previous flight.

77-07-02-07	Oil Filter Clog Indication on the <u>ENGINE</u> SD page
--------------------	----------------------------------------------------------------

Ident.: MI-77-07-02-00008635.0001001 / 22 MAR 10

Applicable to: ALL

77-07-02-07A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 79-07-01 CLOG Indication on the ENGINE SD page

77-07-02-08	Oil Pressure Indication on the <u>ENGINE</u> SD page
--------------------	-------------------------------------------------------------

Ident.: MI-77-07-02-00008636.0001001 / 22 MAR 10

Applicable to: ALL

77-07-02-08A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 79-07-02 Oil Pressure Indication and Advisory on the ENGINE SD page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p align="center">MEL ITEMS</p> <p align="center">77 - ENGINE INDICATING</p> <p align="center">77-07 - Indications on SD pages</p> <p align="center">77-07-02 - Indications on the ENGINE SD page</p>
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77-07-02-09	Oil Quantity Indication on the <u>ENGINE</u> SD page
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Ident.: MI-77-07-02-00008637.0001001 / 22 MAR 10

Applicable to: ALL

77-07-02-09A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 79-07-03 Oil Quantity Indication on the ENGINE SD page

77-07-02-10	Oil Temperature Indication on the <u>ENGINE</u> SD page
--------------------	----------------------------------------------------------------

Ident.: MI-77-07-02-00008638.0001001 / 22 MAR 10

Applicable to: ALL

77-07-02-10A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 79-07-04 Oil Temperature Indication on the ENGINE SD page

77-07-02-11	Selected Igniter Indication on the <u>ENGINE</u> SD page
--------------------	-----------------------------------------------------------------

Ident.: MI-77-07-02-00008639.0001001 / 22 MAR 10

Applicable to: ALL

77-07-02-11A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 74-07-01 Selected Igniter Indication on the ENGINE SD page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">77 - ENGINE INDICATING</p> <p style="text-align: center;">77-07 - Indications on SD pages</p> <p style="text-align: center;">77-07-02 - Indications on the ENGINE SD page</p>
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77-07-02-12	Start Valve Position Indication on the <u>ENGINE</u> SD page
--------------------	---------------------------------------------------------------------

Ident.: MI-77-07-02-00008640.0001001 / 22 MAR 10

Applicable to: ALL

77-07-02-12A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 80-07-01 Start Valve Position Indication on the ENGINE SD page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 77 - ENGINE INDICATING 77-07 - Indications on SD pages 77-07-02 - Indications on the ENGINE SD page
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 77 - ENGINE INDICATING 77-08 - Indications on the EWD
------------------------------------------------------	-------------------------------------------------------------------------------------

77-08-01	EGT Indication on the EWD
----------	---------------------------

Ident.: MI-77-08-00008641.0001001 / 22 MAR 10

Applicable to: ALL

77-08-01A

Repair interval	Nbr installed	Nbr required	Placard
–	2	2	No

Must be operative.

77-08-02	EPR Indication on the EWD
----------	---------------------------

Ident.: MI-77-08-00008642.0001001 / 22 MAR 10

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

77-08-02A

Repair interval	Nbr installed	Nbr required	Placard
–	–	–	–

Refer to Item 73-20-04 EPR Control Mode

77-08-03	Fuel Flow Indication on the EWD
----------	---------------------------------

Ident.: MI-77-08-00008643.0001001 / 27 JUN 11

Applicable to: ALL

77-08-03A

Repair interval	Nbr installed	Nbr required	Placard
–	–	–	–

Refer to Item 73-08-01 Fuel Flow Indication on the EWD

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 77 - ENGINE INDICATING 77-08 - Indications on the EWD
------------------------------------------------------	-------------------------------------------------------------------------------------

77-08-04	N1 Indication on the EWD
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Ident.: MI-77-08-00008644.0001001 / 22 MAR 10

Applicable to: ALL

77-08-04A

Repair interval	Nbr installed	Nbr required	Placard
-	2	2	No

Must be operative.

77-08-05	N2 Indication on the EWD
-----------------	---------------------------------

Ident.: MI-77-08-00008645.0001001 / 22 MAR 10

Applicable to: ALL

77-08-05A

Repair interval	Nbr installed	Nbr required	Placard
-	2	2	No

Must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 78 - EXHAUST 78-08 - Indications on the EWD
------------------------------------------------------	---------------------------------------------------------------------------

78-08-01	REV Indication on the EWD
-----------------	----------------------------------

Ident.: MI-78-08-00008608.0001001 / 22 MAR 10

Applicable to: LY-COD, LY-RAM

78-08-01A

Repair interval	Nbr installed	Nbr required	Placard
–	2	2	No

Both must be operative.

78-08-01	REV Indication on the EWD
-----------------	----------------------------------

Ident.: MI-78-08-00008608.0002001 / 22 MAR 10

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

78-08-01B

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative provided that the associated thrust reverser is considered inoperative.

Refer to Item 78-30-01 Thrust Reverser

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 78 - EXHAUST 78-08 - Indications on the EWD
------------------------------------------------------	---------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 78 - EXHAUST 78-30 - Thrust Reversers
------------------------------------------------------	---------------------------------------------------------------------

78-30-01	Thrust Reverser
-----------------	------------------------

Ident.: MI-78-30-00008603.0001001 / 22 MAY 19

Applicable to: LY-COD, LY-RAM

78-30-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

(o)(m) One or both may be inoperative provided that:

- 1) The inoperative thrust reverser is deactivated and secured in the stowed position, and
- 2) All stow and deploy switches circuits on the inoperative thrust reverser are checked operative, and
- 3) The **ENG 1(2) REV PRESSURIZED** alert is not displayed on the EWD after deactivation, and
- 4) The appropriate performance adjustments are applied.

_____ Reference(s) _____

(o) *Refer to OpsProc 78-30-01A Thrust Reverser*

(m) *Refer to AMM Task 78-30-00-040-040*

78-30-01	Thrust Reverser
-----------------	------------------------

Ident.: MI-78-30-00008603.0002001 / 22 MAY 19

I 1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

78-30-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

(o)(m) One or both may be inoperative provided that:

- 1) The inoperative reverser is deactivated and secured in the stowed position, and
- 2) Both LVDTs on the inoperative reverser are checked operative, and
- 3) The **ENG 1(2) REV PRESSURIZED** alert is not displayed on the EWD after deactivation, and
- 4) The appropriate performance adjustments are applied.

_____ Reference(s) _____

(o) *Refer to OpsProc 78-30-01A Thrust Reverser*

(m) *Refer to AMM Task 78-30-00-040-013*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div> MEL ITEMS 78 - EXHAUST 78-30 - Thrust Reversers </div>
------------------------------------------------------	--------------------------------------------------------------

78-30-02	Thrust Reverser Inhibition Relay sw
----------	-------------------------------------

Ident.: MI-78-30-00008604.0001001 / 22 MAR 10
Applicable to: ALL

78-30-02A

Repair interval	Nbr installed	Nbr required	Placard
C	4	0	No

One or more may be inoperative provided that the associated thrust reverser is considered inoperative.

Refer to Item 78-30-01 Thrust Reverser

78-30-03	Thrust Reverser Shutoff Valve
----------	-------------------------------

Ident.: MI-78-30-00008605.0001001 / 22 MAR 10
Applicable to: ALL

78-30-03A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative in the open position.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 79 - OIL 79-07 - Indications on the ENGINE SD page
-------------------------------------------------------------	----------------------------------------------------------------------------------

79-07-01	CLOG Indication on the ENGINE SD page
-----------------	----------------------------------------------

Ident.: MI-79-07-00008596.0001001 / 22 MAR 10

Applicable to: ALL

79-07-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

One or both may be inoperative.

79-07-02	Oil Pressure Indication and Advisory on the ENGINE SD page
-----------------	-------------------------------------------------------------------

Ident.: MI-79-07-00008597.0001001 / 22 MAY 19

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

Note: Simultaneous illumination of the BLUE ELEC PUMP pb-sw FAULT light and the ENG 1(2) PUMP pb-sw FAULT light with engines off may be due to a failed engine oil low pressure switch. In this case, the **ENG 1(2) OIL LO PR** alert is inoperative.
Refer to Item 79-09-01 ENG 1(2) OIL LO PR Alert

79-07-02C

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

One may be inoperative provided that:

- 1) ETOPS is not conducted, and
- 2) The associated **ENG 1(2) OIL LO PR** alert is operative, and
- 3) The associated oil quantity indication is operative on the ENGINE SD page.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 79 - OIL 79-07 - Indications on the ENGINE SD page
------------------------------------------------------	----------------------------------------------------------------------------------

79-07-02	Oil Pressure Indication and Advisory on the ENGINE SD page
-----------------	-------------------------------------------------------------------

Ident.: MI-79-07-00008597.0002001 / 22 MAY 19

Applicable to: LY-COD, LY-RAM

Note: Simultaneous illumination of the BLUE ELEC PUMP pb-sw FAULT light and the ENG 1(2) PUMP pb-sw FAULT light with engines off may be due to a failed engine oil low pressure switch. In this case, the **ENG 1(2) OIL LO PR** alert is inoperative.
Refer to Item 79-09-01 ENG 1(2) OIL LO PR Alert

79-07-02A Associated thrust reverser checked operative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(m) One may be inoperative provided that:

- 1) ETOPS is not conducted, and
- 2) The associated **ENG 1(2) OIL LO PR** alert is operative, and
- 3) The associated oil quantity indication is operative on the ENGINE SD page, and
- 4) The associated thrust reverser is checked operative.

_____ Reference(s) _____

(m) Refer to AMM Task

79-07-02B Associated thrust reverser considered inoperative

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

One may be inoperative provided that:

- 1) ETOPS is not conducted, and
- 2) The associated **ENG 1(2) OIL LO PR** alert is operative, and
- 3) The associated oil quantity indication is operative on the ENGINE SD page, and
- 4) The associated thrust reverser is considered inoperative.

Refer to Item 78-30-01 Thrust Reverser

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>79 - OIL</div> <div>79-07 - Indications on the ENGINE SD page</div>
------------------------------------------------------	-----------------------------------------------------------------------------------------------

79-07-03	Oil Quantity Indication on the <u>ENGINE</u> SD page
----------	------------------------------------------------------

Ident.: MI-79-07-00008598.0001001 / 23 AUG 17

Applicable to: ALL

79-07-03A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(m) One may be inoperative provided that the associated oil quantity is checked before each flight.

_____ Reference(s) _____

(m) *Refer to AMM Task*

79-07-04	Oil Temperature Indication on the <u>ENGINE</u> SD page
----------	---------------------------------------------------------

Ident.: MI-79-07-00008599.0001001 / 22 MAR 10

Applicable to: ALL

79-07-04A

Repair interval	Nbr installed	Nbr required	Placard
–	2	2	No

Must be operative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 79 - OIL 79-07 - Indications on the ENGINE SD page
------------------------------------------------------	----------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 79 - OIL 79-09 - ECAM Alerts
------------------------------------------------------	------------------------------------------------------------

79-09-01	ENG 1(2) OIL LO PR Alert
-----------------	---------------------------------

Ident.: MI-79-09-00008600.0001001 / 03 MAY 17

Applicable to: ALL

Note: Simultaneous illumination of the BLUE ELEC PUMP pb-sw FAULT light and the ENG 1(2) PUMP pb-sw FAULT light with engines off may be due to a failed engine oil low pressure switch. In this case, the **ENG 1(2) OIL LO PR** alert is inoperative, not displayed and dispatch is not possible.

79-09-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) One or both may be displayed.

Reference(s)

- (o) Refer to OpsProc 79-09-01A ENG 1(2) OIL LO PR Alert

79-09-02	ENG 1(2) OIL FILTER CLOG Alert
-----------------	---------------------------------------

Ident.: MI-79-09-00008601.0002001 / 03 MAR 21

Applicable to: LY-COD, LY-RAM

79-09-02B Inspection of the visual indicator (pop-out) of the electrical master chip detector

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (m) One may be displayed provided that:

- 1) The associated filter is replaced every day, and
- 2) The visual indicator (pop-out) of the electrical master chip detector is checked operative before the first MEL dispatch, and
- 3) The visual indicator (pop-out) of the electrical master chip detector is inspected when the filter is replaced and does not reveal the presence of chips.

Reference(s)

- (m) Refer to AMM Task 79-35-00-040-042

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>79 - OIL</div> <div>79-09 - ECAM Alerts</div>
------------------------------------------------------	-------------------------------------------------------------------------

Continued from the previous page

79-09-02C Inspection of the electrical master chip detector

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

- (m) One may be displayed provided that:
- 1) The associated filter is replaced every day, and

2) The electrical master chip detector is inspected when the filter is replaced and does not reveal the presence of chips.

Reference(s)

(m) Refer to AMM Task 79-35-00-040-044

79-09-03	ENG 1(2) BEARING 4 OIL SYS Alert
----------	----------------------------------

Ident.: MI-79-09-00008602.0001001 / 22 MAR 10

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

79-09-03A

Repair interval	Nbr installed	Nbr required	Placard
A	2	0	No

One or both may be displayed for 3 days provided that the ENG 1(2) BEARING 4 OIL SYS alert is not associated with the HI PRESS message.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 79 - OIL 79-20 - Distribution
------------------------------------------------------	-------------------------------------------------------------

79-20-01	Air Cooled Oil Cooler (ACOC) Modulating Valve
-----------------	------------------------------------------------------

Ident.: MI-79-20-00008592.0001001 / 22 MAR 10

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

79-20-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

- (o) One or both may be inoperative in the open position provided that the fuel temperature in the inner tank is checked to be above -20 °C.

_____ Reference(s) _____

- (o) *Refer to OpsProc 79-20-01A Air Cooled Oil Cooler (ACOC) Modulating Valve*

79-20-02	EMCD Visual Pop-Out Indicator
-----------------	--------------------------------------

Ident.: MI-79-20-00008593.0001001 / 22 MAR 10

Applicable to: LY-COD, LY-RAM

79-20-02A

Repair interval	Nbr installed	Nbr required	Placard
D	2	0	No

One or both may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 79 - OIL 79-20 - Distribution
------------------------------------------------------	-------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 79 - OIL 79-40 - IDG Oil Cooling System
------------------------------------------------------	-----------------------------------------------------------------------

79-40-01	Fuel Return Valve
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Ident.: MI-79-40-00008595.0001001 / 22 MAR 10

Applicable to: LY-COD, LY-RAM

79-40-01A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	-

Refer to Item 73-10-01 Fuel Return Valve

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 79 - OIL 79-40 - IDG Oil Cooling System
------------------------------------------------------	-----------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>80 - STARTING</div> <div>80-01 - ENG MAN START Overhead Panel</div>
------------------------------------------------------	-----------------------------------------------------------------------------------------------

80-01-31	ENG MAN START pb-sw
----------	---------------------

Ident.: MI-80-01-00008588.0001001 / 22 MAR 10

Applicable to: ALL

80-01-31A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 80 - STARTING 80-01 - ENG MAN START Overhead Panel
------------------------------------------------------	----------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 80 - STARTING 80-07 - Indication on the ENGINE SD page
------------------------------------------------------	--------------------------------------------------------------------------------------

80-07-01	Start Valve Position Indication on the <u>ENGINE</u> SD page
-----------------	---------------------------------------------------------------------

Ident.: MI-80-07-00008591.0001001 / 19 NOV 19
Applicable to: ALL

80-07-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	No

(m) One or both may be inoperative provided that the associated start valve is checked closed after the start of the affected engine.

_____ Reference(s) _____

(m) *Refer to AMM Task*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 80 - STARTING 80-07 - Indication on the ENGINE SD page
------------------------------------------------------	--------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div> MEL ITEMS 80 - STARTING </div> <div> 80-11 - Pneumatic Starter and Valve System </div>
------------------------------------------------------	----------------------------------------------------------------------------------------------

80-11-01	Start Valve
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Ident.: MI-80-11-00008589.0001001 / 22 MAY 19

Applicable to: ALL

80-11-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	1	No

(o)(m) One may be inoperative provided that the start valve is manually closed after the start of the affected engine.

Reference(s)

(o) Refer to OpsProc 80-11-01A Start Valve

(m) Refer to AMM Task

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 80 - STARTING 80-11 - Pneumatic Starter and Valve System
------------------------------------------------------	----------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div> MEL ITEMS 80 - STARTING </div> <div> 80-12 - ENG MASTER Panel on the Center Pedestal </div>
------------------------------------------------------	---------------------------------------------------------------------------------------------------

80-12-01	FAULT light on the ENG MASTER Panel
----------	-------------------------------------

Ident.: MI-80-12-00008590.0001001 / 22 MAR 10

Applicable to: ALL

80-12-01A

Repair interval	Nbr installed	Nbr required	Placard
C	2	0	Yes

One or both may be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 80 - STARTING 80-12 - ENG MASTER Panel on the Center Pedestal
------------------------------------------------------	---------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-00 - Introduction</p>
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------

INTRODUCTION

Ident.: MI-98-00-20800039.9001001 / 13 MAY 20

Applicable to: ALL

GENERAL NONESSENTIAL EQUIPMENT AND FURNISHINGS (NEF)

NEF are those items installed on the aircraft as part of the original type certification, supplemental type certificate, or other form of alteration that have no effect on the safe operation of flight and would not be required by the applicable certification rules or operational rules. They are those items that, if inoperative, damaged, or missing, have no effect on the aircraft's ability to be operated safely under all operational conditions.

These nonessential items may be installed in areas including, but not limited to, the passenger compartment, flight deck area, service areas, cargo areas, crew rest areas, lavatories, and galley areas. NEF items are not items already identified in the MEL or CDL of the applicable aircraft. They do not include items that are functionally required to meet the certification rule or for compliance with any operational rule.

GETJET Airlines NEF process shall not provide for deferral of items within serviceable limits identified in the manufacturer's maintenance manual or GETJET Airlines approved maintenance program such as wear limits, fuel/hydraulic leak rates, oil consumption, etc. Cosmetic items that are fully serviceable but worn or soiled may be deferred under the GetJet Airlines NEF process. NEF list is constructed according to experience gained throughout the duration of aircrafts exploitation.

Non-safety related items or passenger convenience items that are not listed in the MEL and CDL can be deferred for category D interval. The interval can be extended in accordance with CAME procedure.

In order for inoperative installed equipment to be considered non-safety-related, the following criteria should be considered, as referred to in (Part-ORO ORO.MLR.105(a)

NON-SAFETY-RELATED EQUIPMENT):

- the operation of the aircraft is not adversely affected such that standard operating procedures related to ground personnel, and crew members are impeded;
- the condition of the aircraft is not adversely affected such that the safety of passengers and/or personnel is jeopardized;
- the condition of the aircraft is configured to minimize the probability of a subsequent failure that may cause injury to passengers/personnel and/or cause damage to the aircraft;
- the condition does not include the use of required emergency equipment and does not impact emergency procedures such that personnel could not perform them.

NEF LIST ARE DIVIDED INTO AIRCRAFT AREAS:

- Flight Deck
- Cabin General
- Galley

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-00 - Introduction
------------------------------------------------------	-------------------------------------------------------------------------------------------------

- Passenger Compartment
- Lavatory
- Service Bays
- Baggage and Cargo
- Exterior / Interior of Aircraft General

NEF ITEM

Provide identification of equipment. NEF elements are listed as a simple description in singular, independent of the number of installed on aircraft components.

REMARKS

Indicate (for each applicable item) the suitable conditions, limitations (placards, operational procedures, maintenance procedures) necessary to ensure that an acceptable level of safety is maintained.

PROCEDURES

The dispatch condition may require an operational or maintenance procedure to ensure an acceptable level of safety.

RECTIFICATION INTERVAL

NEF list assigned to have defined furnishing repair interval "D" and with established a maximum operation period of 120 days. This list does not contain the number of installed and required to flight equipment.

In addition, failure of the units, in accordance with the definition of the NEF and not included in the NEF list, can be qualified by the certifying staff as a fault of NEF after approval of Get Jet Airlines CAMO.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-01 - Flight Deck
-------------------------------------------------------------	------------------------------------------------------------------------------------------------

98-01-01	Document Holder
-----------------	------------------------

Ident.: MI-98-01-20800038.9001001 / 13 MAY 20

Applicable to: ALL

98-01-01A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or inoperative

Note: Clear plastic bag capable to contain all required documents has to be attached near Document holder with power tape by Maintenance personnel.

98-01-02	Circuit Breaker Guard
-----------------	------------------------------

Ident.: MI-98-01-20800040.9001001 / 13 MAY 20

Applicable to: ALL

98-01-02D

Repair interval	Nbr installed	Nbr required	Placard
–	–	–	No

May be missing or inoperative provided that:

- 1) Using zip-ties, secure the affected circuit breaker(s).

98-01-03	Sun Visor
-----------------	------------------

Ident.: MI-98-01-20800041.9001001 / 13 MAY 20

Applicable to: ALL

98-01-03A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or inoperative provided that:

- 1) Affected sun visor(s) has to be removed or placet in to fixed position than do not obscure the cockpit windows.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-01 - Flight Deck
-------------------------------------------------------------	------------------------------------------------------------------------------------------------

98-01-04	Seat Cover
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Ident.: MI-98-01-20800042.9001001 / 13 MAY 20

Applicable to: ALL

98-01-04A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

The pilots or observers seat covers may be torn or cut provided that damages do not affect the safe position of the occupying person.

98-01-05	Spring Clip
----------	-------------

Ident.: MI-98-01-20800045.9001001 / 13 MAY 20

Applicable to: ALL

98-01-05A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or inoperative.

Note: Spring Clips are located on the 2L / 2R window-ledge near EFB mounting device.

98-01-06	Life Jacket Box Doors
----------	-----------------------

Ident.: MI-98-01-20800046.9001001 / 13 MAY 20

Applicable to: ALL

98-01-06A

Repair interval	Nbr installed	Nbr required	Placard
D	4	–	No

Flight Deck Life Jacket box doors on the pilots seats or under observer seats may be missing / inoperative / broken provided that life jacket is fixed in the box that could be removed easily but remain in the box under normal operations.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-01 - Flight Deck
-------------------------------------------------------------	------------------------------------------------------------------------------------------------

98-01-07	Food Tread Trim
-----------------	------------------------

Ident.: MI-98-01-20800047.9001001 / 13 MAY 20

Applicable to: ALL

98-01-07A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or inoperative.

98-01-08	Lining Panel (Including Retention Strap)
-----------------	-------------------------------------------------

Ident.: MI-98-01-20800048.9001001 / 13 MAY 20

Applicable to: ALL

98-01-08A

Repair interval	Nbr installed	Nbr required	Placard
–	–	–	No

May be damaged or missing, provided that damage does not present hazard to the flight crew safety.

98-01-09	Air Gasper
-----------------	-------------------

Ident.: MI-98-01-20800049.9001001 / 13 MAY 20

Applicable to: ALL

98-01-09A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be inoperative or missing in open position.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-01 - Flight Deck
------------------------------------------------------	------------------------------------------------------------------------------------------------

98-01-10	Coat and /or Hat Hooks
----------	------------------------

Ident.: MI-98-01-20800050.9001001 / 13 MAY 20

Applicable to: ALL

98-01-10A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damage or broken.

98-01-11	Cup Holders
----------	-------------

Ident.: MI-98-01-20800051.9001001 / 13 MAY 20

Applicable to: ALL

98-01-11A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damage or broken.

98-01-12	Trim of Flight Deck
----------	---------------------

Ident.: MI-98-01-20800052.9001001 / 13 MAY 20

Applicable to: ALL

98-01-12A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be broken, scratched or paint damage, ect.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-01 - Flight Deck
-------------------------------------------------------------	------------------------------------------------------------------------------------------------

98-01-13	Brief Case Bungee Strip
-----------------	--------------------------------

Ident.: MI-98-01-20800053.9001001 / 13 MAY 20

Applicable to: ALL

98-01-13A

Repair interval	Nbr installed	Nbr required	Placard
D	-	-	No

May be missing or damage.

98-01-14	Carpet
-----------------	---------------

Ident.: MI-98-01-20800054.9001001 / 13 MAY 20

Applicable to: ALL

98-01-14A

Repair interval	Nbr installed	Nbr required	Placard
D	-	-	No

May be missing, heavy contaminated, ect.

98-01-15	Flight Deck Door Hold - Open Magnet
-----------------	--------------------------------------------

Ident.: MI-98-01-20800055.9001001 / 13 MAY 20

Applicable to: ALL

98-01-15A

Repair interval	Nbr installed	Nbr required	Placard
C	-	-	No

May be missing, broken or inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-01 - Flight Deck
-------------------------------------------------------------	------------------------------------------------------------------------------------------------

98-01-16	Observer's Foot Holder
----------	------------------------

Ident.: MI-98-01-20800056.9001001 / 13 MAY 20

Applicable to: ALL

98-01-16A

Repair interval	Nbr installed	Nbr required	Placard
D	-	-	No

May be missing, damage.

98-01-17	Placards and Signs
----------	--------------------

Ident.: MI-98-01-20800057.9001001 / 13 MAY 20

Applicable to: ALL

98-01-17A

Repair interval	Nbr installed	Nbr required	Placard
D	-	-	No

May be missing, faded or unreadable. It is included the placards listed according EASA Required Placards and Markings (EIAS ref. PR1413152). In exception the placards listed below must be available and clearly visible for the flight crew before departure:

- 1) Flight Control Trim System markings (near trim wheels)
- 2) Speed Limits markings (on the center instrument panel)

98-01-18	Trim Holding Bolts / Screws
----------	-----------------------------

Ident.: MI-98-01-20800058.9001001 / 13 MAY 20

Applicable to: ALL

98-01-18A

Repair interval	Nbr installed	Nbr required	Placard
D	-	-	No

May be missing or worn provided that the damage does not present hazard to the flight crew safety.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-01 - Flight Deck
-------------------------------------------------------------	------------------------------------------------------------------------------------------------

98-01-19	Electrical Outlet
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Ident.: MI-98-01-20800059.9001001 / 13 MAY 20

Applicable to: ALL

98-01-19A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	Yes

May be inoperative provided that outlet is secured and deactivated by Maintenance personnel:

- 1) Electrically isolate system from aircraft power supply
- 2) Place an INOP placard on the outlet

98-01-20	Headset Hook(s)
-----------------	------------------------

Ident.: MI-98-01-20800060.9001001 / 13 MAY 20

Applicable to: ALL

98-01-20A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or broken.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-01 - Flight Deck
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS</p> <p style="text-align: center;">98-02 - Cabin General</p>
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98-02-01	Appearance Items
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Ident.: MI-98-02-20800061.9001001 / 13 MAY 20

Applicable to: ALL

98-02-01A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, frayed or inoperative.

Note: Cabin Interior Trim, Carpet / Floor Coverings, Curtains / Tiebacks, Wall Coverings including sidewall panels but excluding sidewall return air grills.

98-02-02	Door Cover / Slide Bristle
-----------------	-----------------------------------

Ident.: MI-98-02-20800062.9001001 / 13 MAY 20

Applicable to: ALL

98-02-02A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, frayed or inoperative.

Note: Must not present a hazard to passengers / crew or impede emergency egress.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS</p> <p style="text-align: center;">98-02 - Cabin General</p>
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98-02-03	Safety Demo Kit
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Ident.: MI-98-02-20800063.9001001 / 13 MAY 20

Applicable to: LY-COB, LY-COD, LY-ELK, LY-OWL, LY-RAM

98-02-03A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, frayed or inoperative, provided that Cabin Crew will use alternate procedure.

- 1) Maintenance personnel will remove affected items from Demo Kit
- 2) Maintenance personnel will open DIR regarding affected items to aware Flight Crew
- 3) For equipment demonstration Cabin Crew should take spare Live Vest, spare Safety Belt or spare Oxygen Mask from Oxygen bottle
- 4) Maintenance personnel will remove affected items from Demo Kit

Note: Demo Kit comprise of Live Vest, Safety Belt and Oxygen Mask.

98-02-03	Safety Demo Kit
-----------------	------------------------

Ident.: MI-98-02-20800063.9001002 / 19 AUG 20

Applicable to: LY-EMU

98-02-03A

Repair interval	Nbr installed	Nbr required	Placard
D	1	–	No

May be missing, frayed or inoperative, provided that Cabin Crew will use alternate procedure.

- 1) Maintenance personnel will remove affected items from Demo Kit
- 2) Maintenance personnel will open DIR regarding affected items to aware Flight Crew
- 3) For equipment demonstration Cabin Crew should take spare Live Vest, spare Safety Belt or spare Oxygen Mask from Oxygen bottle
- 4) Maintenance personnel will remove affected items from Demo Kit

Note: Demo Kit comprise of Live Vest, Safety Belt and Oxygen Mask.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-02 - Cabin General
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98-02-04	Coat Hanger Installation
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Ident.: MI-98-02-20800064.9001001 / 13 MAY 20

Applicable to: ALL

98-02-04A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	No

May be missing or inoperative.

98-02-05	Cabin Lighting / Signs
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Ident.: MI-98-02-20800065.9001001 / 13 MAY 20

Applicable to: ALL

98-02-05A

Repair interval	Nbr installed	Nbr required	Placard
D	-	-	No

May be missing, loose, damaged or inoperative. (Reading lights, Light Lens / Covers).

Note: This NEF is only for the items, not covered by: Refer to Item 33-20-01 Cabin General Illumination

98-02-06	Spare Life Vest
-----------------	------------------------

Ident.: MI-98-02-20800066.9001001 / 13 MAY 20

Applicable to: ALL

98-02-06A

Repair interval	Nbr installed	Nbr required	Placard
D	-	-	No

May be missing or inoperative provided that passengers has sufficient number of Life Vests.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-02 - Cabin General
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------

98-02-07	Magazine Rack / Restraint
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Ident.: MI-98-02-20800067.9001001 / 13 MAY 20

Applicable to: ALL

98-02-07A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or inoperative.

98-02-08	Cabin Mirrors
-----------------	----------------------

Ident.: MI-98-02-20800068.9001001 / 13 MAY 20

Applicable to: ALL

98-02-08A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damaged or inoperative provided that:

- 1) The damaged mirrors has been removed from the aircraft by maintenance personnel.

98-02-09	Seat Track Covers
-----------------	--------------------------

Ident.: MI-98-02-20800069.9001001 / 13 MAY 20

Applicable to: ALL

98-02-09A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-02 - Cabin General
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------

98-02-10	Cabin Windows
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Ident.: MI-98-02-20800070.9001001 / 13 MAY 20

Applicable to: ALL

98-02-10A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be crazed, damaged, soiled, loose, missing or inoperative if damage are not covered by: *Refer to Item 56-20-01 Cabin Window*

Note: Cabin Windows NEF covers Interior Cosmetic Panel, Interior Panel, Shades and Window Trim.

Note: Any exposed wiring must be protected against unintentional damage.

98-02-11	PSU Panel
-----------------	------------------

Ident.: MI-98-02-20800071.9001001 / 13 MAY 20

Applicable to: ALL

98-02-11A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be damaged or soiled provided that it is properly functioning. Items should be not covered by: *Refer to Item 35-20-01 Passenger Oxygen Unit*

98-02-12	PSU Gasper Outlets
-----------------	---------------------------

Ident.: MI-98-02-20800072.9001001 / 13 MAY 20

Applicable to: ALL

98-02-12A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be inoperative provided that gasper outlets are in open position.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-02 - Cabin General
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------

98-02-13	PSU Attendant Call Switch
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Ident.: MI-98-02-20800073.9001001 / 13 MAY 20

Applicable to: ALL

98-02-13A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	Yes

May be inoperative provided that the switch remains in OFF position.

98-02-14	Electrical Outlet
-----------------	--------------------------

Ident.: MI-98-02-20800074.9001001 / 13 MAY 20

Applicable to: ALL

98-02-14A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	Yes

May be inoperative provided that outlet is secured by Maintenance personnel:

- 1) Electrically isolate system from aircraft power supply.
- 2) Place an INOP placard on the outlet.

98-02-15	Emergency Equipment Doors (below Jump Seats)
-----------------	-----------------------------------------------------

Ident.: MI-98-02-20800075.9001001 / 13 MAY 20

Applicable to: ALL

98-02-15A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	Yes

May be missing or inoperative provided that is secured in the closed position.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-02 - Cabin General
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------

98-02-16	Ventilation Grill(s)
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Ident.: MI-98-02-20800076.9001001 / 13 MAY 20

Applicable to: ALL

98-02-16A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be damaged or soiled.

98-02-17	Portable Oxygen Device Mask used / missing / inoperative
-----------------	-----------------------------------------------------------------

Ident.: MI-98-02-20800077.9001001 / 13 MAY 20

Applicable to: ALL

98-02-17A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	Yes

May be used, missing or inoperative provided alternate oxygen supply is available from oxygen cylinder. Affected equipment should be removed or placarded INOP by Maintenance personnel. The Flight Crew and Cabin Crew shall:

- 1) Refer to applicable operating rule(s) for oxygen requirements for intended flight.
- 2) Ensure adequate oxygen supply is available by using spear mask.

98-02-18	Therapeutic Oxygen Fittings
-----------------	------------------------------------

Ident.: MI-98-02-20800078.9001001 / 13 MAY 20

Applicable to: ALL

98-02-18A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	Yes

May be used, missing or inoperative provided alternate oxygen supply is available from oxygen cylinder. Affected equipment should be removed or placarded INOP by Maintenance personnel. The Flight Crew and Cabin Crew shall:

- 1) Refer to applicable operating rule(s) for oxygen requirements for intended flight.
- 2) Ensure adequate oxygen supply is available by using spear mask.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS</p> <p style="text-align: center;">98-02 - Cabin General</p>
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98-02-19	Cabin Speakers
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Ident.: MI-98-02-20800079.9001001 / 13 MAY 20

Applicable to: ALL

98-02-19A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

Background static may be audible over soeaker provided that speaker is finctional.

98-02-20	Literature Pockets
-----------------	---------------------------

Ident.: MI-98-02-20800080.9001001 / 13 MAY 20

Applicable to: ALL

98-02-20A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damage or inoperative.

98-02-21	Therapeutic O2 Mask Mounting Anchor
-----------------	--------------------------------------------

Ident.: MI-98-02-20800081.9001001 / 13 MAY 20

Applicable to: ALL

98-02-21A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	Yes

May be missing or inoperative provided that mask does not restrict access to any main cabin isle emergency egress route. Affected equipment should be removed or placarded INOP by Maintenance personnel. The Cabin Crew shall:

- 1) Verify the affected mask(s) to restrict access to the main cabin isle or egress route prior to taxi.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-02 - Cabin General
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------

98-02-22	Universal Precaution Kit
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Ident.: MI-98-02-20800082.9001001 / 13 MAY 20

Applicable to: ALL

98-02-22A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or inoperative.

98-02-23	Spare Life Vest Bag
-----------------	----------------------------

Ident.: MI-98-02-20800083.9001001 / 13 MAY 20

Applicable to: ALL

98-02-23A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be damaged or soiled provided that life vest is fully servicable.

98-02-24	Overhead Stowage Door
-----------------	------------------------------

Ident.: MI-98-02-20800084.9001001 / 13 MAY 20

Applicable to: ALL

98-02-24A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	Yes

Door may not stay in fully open position and no luggage or other items has to be placed in to affected bin. Maintenance personnel should fix the door in to closed position. The Cabin Crew has to:

- 1) Put the label "DO NOT USE" on the affected door(s).
- 2) Cabin Crew shall verify that the affected door(s) are in closed position during all the flight.
- 3) Overhead bin with affected door has not to be used. The luggage has to be placed under the seats or loaded in to cargo compartment.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-02 - Cabin General
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------

98-02-25	Seat Cover
-----------------	-------------------

Ident.: MI-98-02-20800085.9001001 / 13 MAY 20

Applicable to: ALL

98-02-25A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be torn or cut. The damages are acceptable for use the seat. If damages are severe the seat has to be blocked. for inoperative seat refer to: *Refer to Item 25-20-01 Passenger Seat*

98-02-26	Seat Table
-----------------	-------------------

Ident.: MI-98-02-20800086.9001001 / 13 MAY 20

Applicable to: ALL

98-02-26A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	Yes

May be missing, damage or improperly adjusted. Maintenance personnel has to:

- 1) Fix table in to permanent upright position.
- 2) Placard "DO NOT USE" has to be placed on the affected table.

98-02-27	Cabin Window Shade
-----------------	---------------------------

Ident.: MI-98-02-20800087.9001001 / 13 MAY 20

Applicable to: ALL

98-02-27A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or inoperative. Maintenance personnel has to:

- 1) Fix the Window Shade in to permanent upright position or,
- 2) Remove the Window Shade

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-02 - Cabin General
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------

98-02-28	Seat Number Placard
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Ident.: MI-98-02-20800088.9001001 / 13 MAY 20

Applicable to: ALL

98-02-28A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing provided adjacent placards are readable and provide enough information to identify each seat row.

Note: It is allowed that only other row seat number placard are affected on the same side. It is applicable if the placard are readable on the same row of other side.

98-02-29	Carpet
-----------------	---------------

Ident.: MI-98-02-20800089.9001001 / 13 MAY 20

Applicable to: ALL

98-02-29A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be frayed or soiled.

Note: Must not present hazard to passenger / crew or impede emergency egress.

98-02-30	Cabin Curtain Divider Header
-----------------	-------------------------------------

Ident.: MI-98-02-20800090.9001001 / 13 MAY 20

Applicable to: ALL

98-02-30A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-02 - Cabin General
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98-02-31	Cabin Handset Cradle
-----------------	-----------------------------

Ident.: MI-98-02-20800091.9001001 / 13 MAY 20

Applicable to: ALL

98-02-31A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be damage provided that the damage does not present handset operational.

98-02-32	Placards and Signs
-----------------	---------------------------

Ident.: MI-98-02-20800092.9001001 / 13 MAY 20

Applicable to: ALL

98-02-32A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, faded or unreadable. It is include the placards listed according EASA Reaquired Plackards and Markings (EIAS ref. PR1413152).

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-03 - Galley
-------------------------------------------------------------	-------------------------------------------------------------------------------------------

98-03-01	Coffe Maker(s)
-----------------	-----------------------

Ident.: MI-98-03-20800093.9001001 / 13 MAY 20

Applicable to: ALL

98-03-01A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	Yes

May be missing or inoperative provided that Coffe Maker(s) removed from the aircraft.

If Coffe Maker(s) remain on board the following procedure has to be apply by the Maintenance personnel:

- 1) Pull and secure affected Coffe Maker(s) circuit breaker.
- 2) Place "INOP" placard.

98-03-02	Coffe / Tea Brewing Pots
-----------------	---------------------------------

Ident.: MI-98-03-20800094.9001001 / 13 MAY 20

Applicable to: ALL

98-03-02A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or inoperative.

98-03-03	Water Boiler(s)
-----------------	------------------------

Ident.: MI-98-03-20800095.9001001 / 13 MAY 20

Applicable to: ALL

98-03-03A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	Yes

May be missing or inoperative provided that the Water Boiler(s) removed from the aircraft.
If Water Boiler(s) remain on board the following procedure has to be apply by Maintenance personnel:

- 1) Pull and secure affected Water Boiler(s) circuit breaker.
- 2) Place an "INOP" placard.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-03 - Galley
------------------------------------------------------	-------------------------------------------------------------------------------------------

98-03-04	Warmer Pad(s)
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Ident.: MI-98-03-20800096.9001001 / 13 MAY 20

Applicable to: ALL

98-03-04A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	Yes

May be missing or inoperative provided that the Warmer Pad(s) removed from the aircraft.
If Warmer Pad(s) remain on board the following procedure has to be apply by Maintenance personnel:

- 1) Pull and secure affected Warmer Pad(s) circuit breaker.
- 2) Place an "INOP" placard.

98-03-05	Waste Containers
----------	------------------

Ident.: MI-98-03-20800097.9001001 / 13 MAY 20

Applicable to: ALL

98-03-05A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	Yes

May be missing or inoperative provided that the following procedure has to be apply by Maintenance personnel:

- 1) The container has to be seald to prevent waste disposal.
- 2) Place an "DO NOT USE" placard.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-03 - Galley
-------------------------------------------------------------	-------------------------------------------------------------------------------------------

98-03-06	Ovens and Microwaves
-----------------	-----------------------------

Ident.: MI-98-03-20800098.9001001 / 13 MAY 20

Applicable to: ALL

98-03-06A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	Yes

May be missing or inoperative provided that the Oven(s) and / or Microwave(s) removed from the aircraft. If Oven(s) and / or Microwave(s) or control equipment remain on board the following procedure has to be apply by Maintenance personnel:

- 1) Pull and secure affected equipment circuit breaker.
- 2) Place an "INOP" placard.

98-03-07	Carriers
-----------------	-----------------

Ident.: MI-98-03-20800099.9001001 / 13 MAY 20

Applicable to: ALL

98-03-07A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or inoperative.

98-03-08	Air Gasper
-----------------	-------------------

Ident.: MI-98-03-20800100.9001001 / 13 MAY 20

Applicable to: ALL

98-03-08A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be inoperative or missing in open position.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-03 - Galley
------------------------------------------------------	-------------------------------------------------------------------------------------------

98-03-09	Work Lights
-----------------	--------------------

Ident.: MI-98-03-20800101.9001001 / 13 MAY 20

Applicable to: ALL

98-03-09A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or inoperative.

98-03-10	Bun Warmer(s)
-----------------	----------------------

Ident.: MI-98-03-20800102.9001001 / 13 MAY 20

Applicable to: ALL

98-03-10A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	Yes

May be missing or inoperative provided that the Bun Warmer(s) removed from the aircraft. If Bun Warmer(s) remain on board the following procedure has to be apply by Maintenance personnel:

- 1) Pull and secure affected Bun Warmer(s) circuit breaker.
- 2) Place an "INOP" placard.

98-03-11	Hot Jug
-----------------	----------------

Ident.: MI-98-03-20800103.9001001 / 13 MAY 20

Applicable to: ALL

98-03-11A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	Yes

May be missing or inoperative provided that the Hot Jug removed from the aircraft. If Hot Jug remain on board the following procedure has to be apply by Maintenance personnel:

- 1) Pull and secure affected Hot Jug circuit breaker.
- 2) Place an "INOP" placard.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-03 - Galley
-------------------------------------------------------------	-------------------------------------------------------------------------------------------

98-03-12	Hot Jug Receptacle
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Ident.: MI-98-03-20800104.9001001 / 13 MAY 20

Applicable to: ALL

98-03-12A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	Yes

May be missing or inoperative provided that the Hot Jug Receptacle removed from the aircraft. If Hot Jug Receptacle remain on board the following procedure has to be apply by Maintenance personnel:

- 1) Pull and secure affected Hot Jug Receptacle circuit breaker.
- 2) Place an "INOP" placard.

98-03-13	Electrical Outlet FWD / AFT Galley
-----------------	-------------------------------------------

Ident.: MI-98-03-20800105.9001001 / 13 MAY 20

Applicable to: ALL

98-03-13A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	Yes

May be inoperative provided that is secured. The following procedure has to be apply by Maintenance personnel:

- 1) Electrically isolated the outlet from aircraft power supply.
- 2) Place an "INOP" placard.

98-03-14	Electrical Outlet Doors FWD / AFT Galley
-----------------	-------------------------------------------------

Ident.: MI-98-03-20800106.9001001 / 13 MAY 20

Applicable to: ALL

98-03-14A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or inoperative provided that electrical outlet is working.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-03 - Galley
------------------------------------------------------	-------------------------------------------------------------------------------------------

98-03-15	Thermos Unit
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Ident.: MI-98-03-20800107.9001001 / 13 MAY 20

Applicable to: ALL

98-03-15A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or inoperative.

98-03-16	Galley Heating
-----------------	-----------------------

Ident.: MI-98-03-20800108.9001001 / 13 MAY 20

Applicable to: ALL

98-03-16A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	Yes

May be inoperative provided that the Galley Heating is electrically isolated. The following procedure has to be apply by Maintenance personnel:

- 1) Pull and secure affected Galley Heating circuit breaker.
- 2) Place an "INOP" placard.

98-03-17	Galley Sink and Drains
-----------------	-------------------------------

Ident.: MI-98-03-20800109.9001001 / 13 MAY 20

Applicable to: ALL

98-03-17A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	Yes

May be inoperative provided that the following procedure has to be apply by Maintenance personnel:

- 1) All fluids are removed from the affected area.
- 2) Place an "DO NOT USE" placard.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-03 - Galley
------------------------------------------------------	-------------------------------------------------------------------------------------------

98-03-18	Chillers
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Ident.: MI-98-03-20800110.9001001 / 13 MAY 20

Applicable to: ALL

98-03-18A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be damage or inoperative.

98-03-19	Work Tables
-----------------	--------------------

Ident.: MI-98-03-20800111.9001001 / 13 MAY 20

Applicable to: ALL

98-03-19A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be broken, scratched.

98-03-20	Coat Hanger Clips
-----------------	--------------------------

Ident.: MI-98-03-20800112.9001001 / 13 MAY 20

Applicable to: ALL

98-03-20A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be broken, scratched.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-03 - Galley
------------------------------------------------------	-------------------------------------------------------------------------------------------

98-03-21	Paper Clips
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Ident.: MI-98-03-20800113.9001001 / 13 MAY 20

Applicable to: ALL

98-03-21A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or inoperative.

98-03-22	Securing Brackets
-----------------	--------------------------

Ident.: MI-98-03-20800114.9001001 / 13 MAY 20

Applicable to: ALL

98-03-22A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or inoperative provided that the damage does not present hazard to the crew or passengers.

98-03-23	Mirrors
-----------------	----------------

Ident.: MI-98-03-20800115.9001001 / 13 MAY 20

Applicable to: ALL

98-03-23A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or broken. If Mirror is broken it has to be removed from aircraft.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-03 - Galley
-------------------------------------------------------------	-------------------------------------------------------------------------------------------

98-03-24	Placards and Signs
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Ident.: MI-98-03-20800116.9001001 / 13 MAY 20

Applicable to: ALL

98-03-24A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, faded or unreadable. It is include placards listed according EASA Required Placards and Markings (EIAS ref. PR1413152)

98-03-25	Trim of Galley
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Ident.: MI-98-03-20800117.9001001 / 13 MAY 20

Applicable to: ALL

98-03-25A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be broken, scratched, paint damage, ect.

98-03-26	Floor Laminate and Trim
-----------------	--------------------------------

Ident.: MI-98-03-20800118.9001001 / 13 MAY 20

Applicable to: ALL

98-03-26A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be broken, scratched, paint damage, ect.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-03 - Galley
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98-03-27	Trim Holding Bolts / Screw
-----------------	-----------------------------------

Ident.: MI-98-03-20800119.9001001 / 13 MAY 20

Applicable to: ALL

98-03-27A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or worn provided that the damage does not present hazard to the crew or passengers.

98-03-28	Refrigeration System
-----------------	-----------------------------

Ident.: MI-98-03-20800120.9001001 / 13 MAY 20

Applicable to: ALL

98-03-28A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	Yes

May be damage or inoperative provided that the Maintenance personnel will remove the system from the aircraft or to do the following procedures:

- 1) Isolate the refrigeration system from power supply by pulling circuit breaker.
- 2) Place an "INOP" placard.

98-03-29	Ice Drawer
-----------------	-------------------

Ident.: MI-98-03-20800121.9001001 / 13 MAY 20

Applicable to: ALL

98-03-29A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be damage or inoperative. The Drawer has to be removed.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-04 - Passenger Compartment
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------

98-04-01	CD / DVD / Video Cassette Player(s)
-----------------	--------------------------------------------

Ident.: MI-98-04-20800122.9001001 / 13 MAY 20

Applicable to: ALL

98-04-01A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	Yes

May be damage or inoperative provided that the Maintenance personnel will remove the system from the aircraft or to do the following procedures:

- 1) Isolate the system from power supply by pulling circuit breaker.
- 2) Place an "INOP" placard.

98-04-02	Headrest(s)
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Ident.: MI-98-04-20800123.9001001 / 13 MAY 20

Applicable to: ALL

98-04-02A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damaged, tom, soiled, frayed or inoperative.

98-04-03	Infant Seat Belt(s)
-----------------	----------------------------

Ident.: MI-98-04-20800124.9001001 / 13 MAY 20

Applicable to: LY-COB, LY-COD, LY-ELK, LY-OWL, LY-RAM

98-04-03A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

The infant seat belts may be missing / removed / damaged providing that maximum quantity of infants has to be no more than available infant seat belts.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-04 - Passenger Compartment
------------------------------------------------------	----------------------------------------------------------------------------------------------------------

98-04-04	Footrest(s)
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Ident.: MI-98-04-20800125.9001001 / 13 MAY 20

Applicable to: ALL

98-04-04A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damaged, tom, soiled, frayed or inoperative.

98-04-05	Seat Trim
----------	-----------

Ident.: MI-98-04-20800126.9001001 / 13 MAY 20

Applicable to: ALL

98-04-05A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damaged, tom, soiled, frayed or inoperative.

98-04-06	Seat Cushion(s)
----------	-----------------

Ident.: MI-98-04-20800127.9001001 / 13 MAY 20

Applicable to: ALL

98-04-06A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damaged, tom, soiled, frayed or inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-04 - Passenger Compartment
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------

98-04-07	Arm Rest With Recline Mechanism
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Ident.: MI-98-04-20800128.9001001 / 13 MAY 20

Applicable to: ALL

98-04-07A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	Yes

One or more may be inoperative, damaged or missing and seat are occupied provided:

Note: Refer to Item 25-20-01 Passenger Seat

- 1) The affected armrest does not block any emergency exit.
- 2) The affected armrest is not in a position such that it restricts any passenger from access to the aircraft aisle.
- 3) The affected armrest with a seatrecline mechanism, that seat is secured in the upright position.
- 4) Maintenance personnel secure the seat in upright position in accordance with seat manufacturer's information

98-04-08	Video Monitor(s)
----------	------------------

Ident.: MI-98-04-20800129.9001001 / 13 MAY 20

Applicable to: ALL

98-04-08A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damaged or inoperative.

98-04-09	Video / Airshow
----------	-----------------

Ident.: MI-98-04-20800130.9001001 / 13 MAY 20

Applicable to: ALL

98-04-09A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-04 - Passenger Compartment
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-05 - Lavatory
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98-05-01	Door spring(s)
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Ident.: MI-98-05-20800131.9001001 / 13 MAY 20

Applicable to: ALL

98-05-01A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or inoperative.

98-05-02	Sanitizer Dispenser
-----------------	----------------------------

Ident.: MI-98-05-20800132.9001001 / 13 MAY 20

Applicable to: ALL

98-05-02A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or inoperative.

98-05-03	Lavatory Door Seal Strip
-----------------	---------------------------------

Ident.: MI-98-05-20800133.9001001 / 13 MAY 20

Applicable to: ALL

98-05-03A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damage, torn, soiled, frayed or inoperative provided seal does not interfere with access to any emergency egress route.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-05 - Lavatory
------------------------------------------------------	---------------------------------------------------------------------------------------------

98-05-04	Vanity Mirror
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Ident.: MI-98-05-20800134.9001001 / 13 MAY 20

Applicable to: ALL

98-05-04A

Repair interval	Nbr installed	Nbr required	Placard
C	–	–	No

May be missing, damage or inoperative. If mirror is damage it has to be removed from the aircraft.

98-05-05	Toilet Seat Cover Holder
-----------------	---------------------------------

Ident.: MI-98-05-20800135.9001001 / 13 MAY 20

Applicable to: ALL

98-05-05A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damage, torn, soiled, frayed or inoperative.

98-05-06	Toilet Paper Roller
-----------------	----------------------------

Ident.: MI-98-05-20800136.9001001 / 13 MAY 20

Applicable to: ALL

98-05-06A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damaged or inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-05 - Lavatory
-------------------------------------------------------------	---------------------------------------------------------------------------------------------

98-05-07	Toilet Seat Lid
-----------------	------------------------

Ident.: MI-98-05-20800137.9001001 / 13 MAY 20

Applicable to: ALL

98-05-07A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or damaged.

Note: *Must not present a hazard to passenger / crew.*

98-05-08	Assist Handle
-----------------	----------------------

Ident.: MI-98-05-20800138.9001001 / 13 MAY 20

Applicable to: ALL

98-05-08A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or damaged.

Note: *Must not present a hazard to passenger / crew.*

98-05-09	Vanity Lights
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Ident.: MI-98-05-20800139.9001001 / 13 MAY 20

Applicable to: ALL

98-05-09A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-05 - Lavatory
------------------------------------------------------	---------------------------------------------------------------------------------------------

98-05-10	Lights
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Ident.: MI-98-05-20800140.9001001 / 13 MAY 20

Applicable to: ALL

98-05-10A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or inoperative.

98-05-11	Sink Drain Screen
----------	-------------------

Ident.: MI-98-05-20800141.9001001 / 13 MAY 20

Applicable to: ALL

98-05-11A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damaged or inoperative.

98-05-12	Hot and Cold Faucet Indicators
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Ident.: MI-98-05-20800142.9001001 / 13 MAY 20

Applicable to: ALL

98-05-12A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damaged or inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-05 - Lavatory
------------------------------------------------------	---------------------------------------------------------------------------------------------

98-05-13	Soap Holder
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Ident.: MI-98-05-20800143.9001001 / 13 MAY 20

Applicable to: ALL

98-05-13A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damaged or inoperative.

98-05-14	Faucet Aerator
-----------------	-----------------------

Ident.: MI-98-05-20800144.9001001 / 13 MAY 20

Applicable to: ALL

98-05-14A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be inoperative

98-05-15	Cup Holder
-----------------	-------------------

Ident.: MI-98-05-20800145.9001001 / 13 MAY 20

Applicable to: ALL

98-05-15A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-05 - Lavatory
------------------------------------------------------	---------------------------------------------------------------------------------------------

98-05-16	Coat Hook(s)
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Ident.: MI-98-05-20800146.9001001 / 13 MAY 20

Applicable to: ALL

98-05-16A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damaged or inoperative.

98-05-17	Deodorizer Holder
-----------------	--------------------------

Ident.: MI-98-05-20800147.9001001 / 13 MAY 20

Applicable to: ALL

98-05-17A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damaged or inoperative.

98-05-18	Inside Door Ash Tray(s)
-----------------	--------------------------------

Ident.: MI-98-05-20800148.9001001 / 13 MAY 20

Applicable to: ALL

98-05-18A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

Refer to Item 25-40-02 Exterior Lavatory Ashtray

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-05 - Lavatory
-------------------------------------------------------------	---------------------------------------------------------------------------------------------

98-05-19	Bio Hazard Disposal Container
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Ident.: MI-98-05-20800149.9001001 / 13 MAY 20

Applicable to: ALL

98-05-19A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or inoperative provided a suitable disposal container shall be accessible to all aircraft occupants. The following procedure has to be apply by Maintenance personnel:

- 1) Remove the affected container if possible.
- 2) Placard affected waste area indicating the alternate disposal container(s).

98-05-20	Interior Wall Trim and / or Covering
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Ident.: MI-98-05-20800150.9001001 / 13 MAY 20

Applicable to: ALL

98-05-20A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damaged, tom, soiled, frayed or inoperative.

98-05-21	Air Grill Covers
-----------------	-------------------------

Ident.: MI-98-05-20800151.9001001 / 13 MAY 20

Applicable to: ALL

98-05-21A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or damaged.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-05 - Lavatory
-------------------------------------------------------------	---------------------------------------------------------------------------------------------

98-05-22	Placards and Signs
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Ident.: MI-98-05-20800152.9001001 / 13 MAY 20

Applicable to: ALL

98-05-22A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, faded or unreadable. It is include placards listed according EASA Required Placards and Markings (EIAS ref. PR1413152).

98-05-23	Paper Towel Holder
-----------------	---------------------------

Ident.: MI-98-05-20800153.9001001 / 13 MAY 20

Applicable to: ALL

98-05-23A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or inoperative.

98-05-24	Towel Flush
-----------------	--------------------

Ident.: MI-98-05-20800154.9001001 / 13 MAY 20

Applicable to: ALL

98-05-24A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p align="center">MEL ITEMS</p> <p align="center">98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS</p> <p align="center">98-06 - Service Bays</p> <p align="center">98-06-01 - Portable Water Service Bay</p>
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98-06-01-01	Hold Open Rods and Lanyards
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Ident.: MI-98-06-01-20800155.9001001 / 13 MAY 20

Applicable to: ALL

98-06-01-01A

Repair interval	Nbr installed	Nbr required	Placard
D	-	-	No

May be missing, damaged or inoperative.

98-06-01-02	Dust Cover for Service Ports
--------------------	-------------------------------------

Ident.: MI-98-06-01-20800156.9001001 / 13 MAY 20

Applicable to: ALL

98-06-01-02A

Repair interval	Nbr installed	Nbr required	Placard
D	-	-	No

May be missing, damaged or inoperative.

98-06-01-03	Water Quantity Indication
--------------------	----------------------------------

Ident.: MI-98-06-01-20800157.9001001 / 13 MAY 20

Applicable to: ALL

98-06-01-03A

Repair interval	Nbr installed	Nbr required	Placard
D	-	-	No

May be damaged or inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS</p> <p style="text-align: center;">98-06 - Service Bays</p> <p style="text-align: center;">98-06-01 - Portable Water Service Bay</p>
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98-06-01-04	Dust Cap Chains or Lanyards
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Ident.: MI-98-06-01-20800158.9001001 / 13 MAY 20

Applicable to: ALL

98-06-01-04A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damaged or inoperative.

98-06-01-05	Placards and Signs
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Ident.: MI-98-06-01-20800159.9001001 / 13 MAY 20

Applicable to: ALL

98-06-01-05A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, faded or unreadable. It is include placards listed according EASA Required Placards and Markings (EIAS ref. PR1413152)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p align="center">MEL ITEMS</p> <p align="center">98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS</p> <p align="center">98-06 - Service Bays 98-06-02 - Toilet Service Bay</p>
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98-06-02-01	Hold Open Rods and Lanyards
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Ident.: MI-98-06-02-20800160.9001001 / 13 MAY 20

Applicable to: ALL

98-06-02-01A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damaged or inoperative.

98-06-02-02	Dust Cover for Service Ports
--------------------	-------------------------------------

Ident.: MI-98-06-02-20800161.9001001 / 13 MAY 20

Applicable to: ALL

98-06-02-02A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damaged or inoperative.

98-06-02-03	Dust Cap Chains or Lanyards
--------------------	------------------------------------

Ident.: MI-98-06-02-20800162.9001001 / 13 MAY 20

Applicable to: ALL

98-06-02-03A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damaged or inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-06 - Service Bays 98-06-02 - Toilet Service Bay
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98-06-02-04	Placards and Signs
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Ident.: MI-98-06-02-20800163.9001001 / 13 MAY 20

Applicable to: ALL

98-06-02-04A

Repair interval	Nbr installed	Nbr required	Placard
D	-	-	No

May be missing, faded or unreadable. It is include placards listed according EASA Required Placards and Markings (EIAS ref. PR1413152)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p style="text-align: center;">MEL ITEMS</p> <p style="text-align: center;">98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS</p> <p style="text-align: center;">98-06 - Service Bays</p> <p style="text-align: center;">98-06-03 - Hydraulic Service Bay</p>
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98-06-03-01	Hold Open Rods and Lanyards
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Ident.: MI-98-06-03-20800164.9001001 / 13 MAY 20

Applicable to: ALL

98-06-03-01A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damaged or inoperative.

98-06-03-02	Dust Cover for Service Ports
--------------------	-------------------------------------

Ident.: MI-98-06-03-20800165.9001001 / 13 MAY 20

Applicable to: ALL

98-06-03-02A

Repair interval	Nbr installed	Nbr required	Placard
–	–	–	No

May be missing, damaged or inoperative.

98-06-03-03	Dust Cap Chains or Lanyards
--------------------	------------------------------------

Ident.: MI-98-06-03-20800166.9001001 / 13 MAY 20

Applicable to: ALL

98-06-03-03A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damaged or inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-06 - Service Bays 98-06-03 - Hydraulic Service Bay
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98-06-03-04	Placards and Signs
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Ident.: MI-98-06-03-20800167.9001001 / 13 MAY 20
Applicable to: ALL

98-06-03-04A

Repair interval	Nbr installed	Nbr required	Placard
D	-	-	No

May be missing, faded or unreadable. It is include placards listed according EASA Required Placards and Markings (EIAS ref. PR1413152)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p align="center">MEL ITEMS</p> <p align="center">98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS</p> <p align="center">98-07 - Baggage and Cargo</p> <p align="center">98-07-01 - Air Outlets</p>
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98-07-01-01	Trim
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Ident.: MI-98-07-01-20800168.9001001 / 13 MAY 20

Applicable to: ALL

98-07-01-01A

Repair interval	Nbr installed	Nbr required	Placard
D	-	-	No

May be missing, damaged, tom, soiled, frayed.

98-07-01-02	Vent Grill
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Ident.: MI-98-07-01-20800169.9001001 / 13 MAY 20

Applicable to: ALL

98-07-01-02A

Repair interval	Nbr installed	Nbr required	Placard
-	-	-	No

May be missing or soiled.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-07 - Baggage and Cargo 98-07-01 - Air Outlets
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-07 - Baggage and Cargo 98-07-02 - Cargo Compartment
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98-07-02-01	Floor panel(s)
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Ident.: MI-98-07-02-20800170.9001001 / 13 MAY 20

Applicable to: ALL

98-07-02-01A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be damaged, torn, soiled or frayed provided that the panel(s) is able to sustain the load. If panel(s) in the particular section is not able to sustain the load all compartment or section has to be left empty.

98-07-02-02	Anti Skid / Non Slip Paint and / or Tape
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Ident.: MI-98-07-02-20800171.9001001 / 13 MAY 20

Applicable to: ALL

98-07-02-02A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be damaged, torn, soiled or frayed.

98-07-02-03	Profile Bar
--------------------	--------------------

Ident.: MI-98-07-02-20800172.9001001 / 13 MAY 20

Applicable to: ALL

98-07-02-03A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damaged, bent or inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-07 - Baggage and Cargo 98-07-02 - Cargo Compartment
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98-07-02-04	Floor Panel Screws
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Ident.: MI-98-07-02-20800173.9001001 / 13 MAY 20

Applicable to: ALL

98-07-02-04A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

No more than AMM described maximum screws may be missing from a single panel.

Note: Ensure missing screws do not create FOD in the aircraft.

98-07-02-05	Door Panel Lanyard
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Ident.: MI-98-07-02-20800174.9001001 / 13 MAY 20

Applicable to: ALL

98-07-02-05A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or damaged.

98-07-02-06	Center Floor Guide
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Ident.: MI-98-07-02-20800175.9001001 / 13 MAY 20

Applicable to: ALL

98-07-02-06A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or damaged.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p align="center">MEL ITEMS</p> <p align="center">98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS</p> <p align="center">98-07 - Baggage and Cargo</p> <p align="center">98-07-02 - Cargo Compartment</p>
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98-07-02-07	Rail Ramps
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Ident.: MI-98-07-02-20800176.9001001 / 13 MAY 20

Applicable to: ALL

98-07-02-07A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing or damaged.

98-07-02-08	Sidewall Trim
--------------------	----------------------

Ident.: MI-98-07-02-20800177.9001001 / 13 MAY 20

Applicable to: ALL

98-07-02-08A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damaged, torn, soiled, frayed or inoperative.

98-07-02-09	Profile Strap
--------------------	----------------------

Ident.: MI-98-07-02-20800178.9001001 / 13 MAY 20

Applicable to: ALL

98-07-02-09A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damaged, torn, soiled, frayed or inoperative.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-07 - Baggage and Cargo 98-07-02 - Cargo Compartment
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98-07-02-10	Safety Net Storage
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Ident.: MI-98-07-02-20800179.9001001 / 13 MAY 20

Applicable to: ALL

98-07-02-10A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damaged, torn, soiled, frayed or inoperative.

98-07-02-11	Safety Strap
-------------	--------------

Ident.: MI-98-07-02-20800180.9001001 / 13 MAY 20

Applicable to: ALL

98-07-02-11X

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, damaged, torn, soiled, frayed or inoperative.

98-07-02-12	Placards and Signs
-------------	--------------------

Ident.: MI-98-07-02-20800181.9001001 / 13 MAY 20

Applicable to: ALL

98-07-02-12A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, faded or unreadable. It is include placards listed according EASA Required Placards and Markings (EIAS ref. PR1413152)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS</div> <div>98-07 - Baggage and Cargo</div> <div>98-07-02 - Cargo Compartment</div>
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98-07-02-13	Lighting
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Ident.: MI-98-07-02-20800182.9001001 / 13 MAY 20

Applicable to: ALL

98-07-02-13A

Repair interval	Nbr installed	Nbr required	Placard
D	-	-	No

May be missing or inoperative. The lighting should be available to provide minimum light during dark time.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-07 - Baggage and Cargo 98-07-02 - Cargo Compartment
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL ITEMS 98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS 98-08 - Exterior of Aircraft
-------------------------------------------------------------	---------------------------------------------------------------------------------------------------------

98-08-01	Dent / Damage of Aircraft Exterior
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Ident.: MI-98-08-20800183.9001001 / 13 MAY 20

Applicable to: ALL

98-08-01A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

The exterior of aircraft may contain some dent(s) / damage(s) but only strictly according Structure Repair Manual (SRM), Component Maintenance Manual (CMM), ect. Following procedures must be performed by Maintenance personnel:

- 1) Examine / repair Dent / Damage in according of all applicable maintenance documents (SRM, CMM, AMM, ect.).
- 2) Enter the Dent / Damage in to Dent / Damage list.
- 3) Open corresponding DIR if required.

Note: During pre-flight exterior inspection the PM should check the aircraft surface according Dent / Damage list to satisfy that aircraft is airworthy.

98-08-02	Paint Damage
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Ident.: MI-98-08-20800184.9001001 / 13 MAY 20

Applicable to: ALL

98-08-02A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

The exterior of aircraft may contain some dent(s) / damage(s) but only strictly according Structure Repair Manual (SRM), Component Maintenance Manual (CMM), ect. Following procedures must be performed by Maintenance personnel:

- 1) Examine / repair Dent / Damage in according of all applicable maintenance documents (SRM, CMM, AMM, ect.).
- 2) Enter the Dent / Damage in to Dent / Damage list.
- 3) Open corresponding DIR if required.

Note: During pre-flight exterior inspection the PM should check the aircraft surface according Dent / Damage list to satisfy that aircraft is airworthy.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL ITEMS</div> <div>98 - NON ESSENTIAL EQUIPMENT AND FURNISHINGS</div> <div>98-08 - Exterior of Aircraft</div>
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------

98-08-03	Exterior Placards
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Ident.: MI-98-08-20800185.9001001 / 13 MAY 20

Applicable to: ALL

98-08-03A

Repair interval	Nbr installed	Nbr required	Placard
D	–	–	No

May be missing, faded or unreadable. It is include placards listed according EASA Required Placards and Markings (EIAS ref. PR1413152)

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FOR TRAINING PURPOSES ONLY

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Localization Title	Toc Index	ID	Reason
MO-PLP-TOC Data Transmission and Automatic Calling		1	Documentation update: Deletion of "SATCOM Data mode (If Installed) (procedures do not require SATCOM datalink) (00021764)".
			Documentation update: Deletion of "SATCOM Data Mode (If Installed) (procedures require SATCOM datalink) (00021739)".
			Documentation update: The "VHF Datalink (If Installed) (procedures do not require ATC datalink)" table of content entry renamed in "VHF Datalink (procedures do not require ATC datalink)".
			Documentation update: The "VHF Datalink (If Installed) (procedures require ATC datalink)" table of content entry renamed in "VHF Datalink (procedures require ATC datalink)".
MO-PLP-TOC AC Auxiliary Generation		2	Documentation update: Deletion of "AC Auxiliary Generation (APU Generator, GCU or GAPCU Auxiliary Power Control function, Line Contactor) (APU not used) (00021921)".
			Documentation update: Deletion of "AC Auxiliary Generation (APU Generator, GCU or GAPCU Auxiliary Power Control function, Line Contactor) (APU not used) (00021921.0001001)".
MO-PLP-TOC Spoiler Hydraulic Actuation		3	Documentation update: Deletion of "Spoilers 1 and 2 (00009055.0040001)".
MO-PLP-TOC Electrical Flight Control System (EFCS) Control Inputs and Power Supply		4	Documentation update: Deletion of "Ground Spoiler Control System (Ground spoiler control system inoperative) (00009065.0007001)".
MO-PLP-TOC Wing Ice Protection		5	Documentation update: Deletion of "Wing Anti-Ice Control Valve (00009047.0021001)".
MO-PLP-TOC Engine Air Intake Ice Protection		6	Documentation update: Deletion of "Engine Anti-Ice Valve (00009049.0013001)".
MO-PLP-TOC Proximity Detector System		7	Documentation update: Deletion of "LGCIU 2 LH L/G Shock Absorber Proximity Detector (00008988.0001001)".
			Documentation update: Deletion of "LGCIU 2 RH L/G Down Lock Proximity Detector (00008990.0001001)".
			Documentation update: Deletion of "LGCIU 2 LH L/G Down Lock Proximity Detector (00008991.0001001)".
			Documentation update: Deletion of "LGCIU 2 RH L/G Up Lock Proximity Detector (00008993.0001001)".
			Documentation update: Deletion of "LGCIU 2 LH L/G Up Lock Proximity Detector (00008994.0001001)".
			Documentation update: Deletion of "LGCIU 2 Nose L/G Up Lock Proximity Detector (00009002.0001001)".
MO-PLP-TOC Normal Braking		8	Documentation update: Deletion of "Main Wheel Brake (00009004.0043001)".

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MO-PLP-TOC Air Data/Inertial Reference System (ADIRS)		9	Documentation update: Deletion of "IR 3 (for aircraft with Honeywell 10 MCU ADIRU with IR 3 totally inoperative) (00008935)".
			Documentation update: Deletion of "IR 3 (for aircraft with Honeywell 10 MCU ADIRU with only NAV mode of IR 3 inoperative) (00008936)".
MO-PLP-TOC GPWS, Radio Altimeter, TCAS, Weather Radar		10	Documentation update: Deletion of "PULL UP-G/S pb-sw (00008949.0003001)".
MO-PLP-TOC ATC and Radio/GPS Navigation Systems		11	Documentation update: The "Global Positioning System (GPS) (If Installed)" table of content entry renamed in "Global Positioning System (GPS)".
			Documentation update: Deletion of "Global Positioning System (GPS) (00015321)".
MO-PLP-TOC ECAM Alerts		12	Documentation update: Deletion of "AIR APU BLEED LEAK Alert (APU bleed check valve replaced by a blanking cap or checked operative) (00024629.0001001)".
			Documentation update: Deletion of "AIR APU BLEED LEAK Alert (ENG 1 BLEED pb-sw OFF and X BLEED selector SHUT) (00024450.0001001)".
MO-PLP-TOC Engine Bleed Air Supply System		13	Documentation update: Deletion of "Engine Bleed Air Supply System (non-ETOPS flights) (00008868.0001001)".
			Documentation update: Deletion of "Engine Bleed Air Supply System (ETOPS flights) (00008869.0003001)".
			Documentation update: Deletion of "Bleed Monitoring Computer (BMC) (00008873.0006001)".
MO-PLP-TOC Leak Detection Loop		14	Documentation update: Deletion of "Pylon Leak Detection System (00008881.0001001)".
			Documentation update: Deletion of "APU Leak Detection Loop (00016005.0001001)".
MO-PLP-TOC Controlling		15	Documentation update: Deletion of "EPR Control Mode (00008833.0037001)".
			Documentation update: Deletion of "Minimum Idle on Ground (00008834.0005001)".
MO-PLP-TOC Thrust Reversers		16	Documentation update: Deletion of "Thrust Reverser (00008825.0002001)".
MO-23-20 23-20-04B VHF Datalink (procedure do not require ATC datalink)	A	2	28 October 2021 : Modification of content of the element 00021801.0001001
MO-23-20	B	4	28 October 2021 : Modification of content of the element 00021800.0001001

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23-20-04C VHF Datalink (procedure require ATC datalink)			
MO-32-31 32-31-01A Landing Gear Control and Interface Unit (LGCIU)	A	2	Layout modification in order to associate the information "BUMP function not available" to the "ENG 2 (on ground)" in the table. No technical change.
MO-34-10 34-10-03A ADR 3	B	2	04 December 2021 : Modification of content of the element 00008929.0001001
MO-34-50 34-50-10B ADS-B OUT Function (Required for the intended route out of Single European Sky)	C	3	12 September 2021 : Modification of content of the element 00015322.0001001
MO-34-50 34-50-10B ADS-B OUT Function (Required for the intended route out of Single European Sky)	C	4	Update of the operational procedure in order to indicate that operations in the Single European Sky are not permitted.
MO-34-50 34-50-10C ADS-B OUT Function (Required for the intended route in Single European Sky)	D	5	12 September 2021 : Modification of content of the element 00024872.0003001 Documentation update: Addition of "ADS-B OUT Function (Required for the intended route in Single European Sky)" documentary unit
MO-34-50 34-50-10C ADS-B OUT Function (Required for the intended route in Single European Sky)	D	5	12 September 2021 : Modification of content of the element 00024872.0003001 Documentation update: Addition of "ADS-B OUT Function (Required for the intended route in Single European Sky)" documentary unit
MO-21-23 21-23-01B Lavatory and Galley Extraction Fan	A	1	Effectivity update: The information no longer applies to MSN 00415.
MO-21-31 21-31-01A(B) Automatic Cabin Pressure Control System (CPC, Outflow Valve AUTO Channel)	A	1	Effectivity update: The information no longer applies to MSN 00415.
MO-21-61 21-61-02A Pack Controller Primary Channel	A	1	Effectivity update: The information no longer applies to MSN 00415.
MO-21-63 21-63-01A Zone Controller Channel (Primary Channel Inoperative)	A	1	Effectivity update: The information no longer applies to MSN 00415.
MO-21-63 21-63-01C Zone Controller Channel (Both channels inoperative)	B	2	Effectivity update: The information no longer applies to MSN 00415.

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Localization Title	Toc Index	ID	Reason
MO-21-63 21-63-02A(D) Cockpit and Cabin Trim Air Valve (Affected valve secured in the closed position)	C	3	Effectivity update: The information no longer applies to MSN 00415.
MO-21-63 21-63-02B(C) Cockpit and Cabin Trim Air Valve (Hot air pressure regulating valve checked closed)	E	4	Effectivity update: The information no longer applies to MSN 00415.
MO-23-20 23-20-04B VHF Datalink (procedure do not require ATC datalink)	A	1	Effectivity update: The information now applies to all ACN.
MO-23-20 23-20-04C VHF Datalink (procedure require ATC datalink)	B	3	Effectivity update: The information now applies to all ACN.
MO-24-01-01 24-01-01-09A GALLEY pb-sw FAULT light	B	1	Effectivity update: The information no longer applies to MSN 00415.
MO-24-07 24-07-01A AC Generation Indications on the ELEC SD page	A	1	Effectivity update: The information no longer applies to MSN 00415.
MO-24-09 24-09-01A ELEC AC ESS BUS SHED Alert	A	1	Effectivity update: The information no longer applies to MSN 00415.
MO-24-22 24-22-01A AC Main Generation (IDG, GCU, Line Contactor)	A	1	Effectivity update: The information no longer applies to MSN 00415.
MO-27-64 27-64-02A Spoiler 1 or 3	B	1	Effectivity update: The information no longer applies to MSN 00415.
MO-28-20 28-20-01A Automatic Fuel Feed System	A	1	Effectivity update: The information no longer applies to MSN 00415.
MO-30-31 30-31-01B PHC (F/O PHC inoperative)	B	1	Effectivity update: The information no longer applies to MSN 00415.
MO-30-31 30-31-04A Angle of Attack (AOA) Probes Heating (F/O inoperative)	G	2	Effectivity update: The information no longer applies to MSN 00415.
MO-30-81 30-81-03A Lighting of External Visual Icing Indicator	A	1	Effectivity update: The information now applies to all ACN.

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Localization Title	Toc Index	ID	Reason
MO-31-07 31-07-02A Permanent Data (TAT, SAT, GLOAD - ALT SEL, UTC, GW) Indications on the SD	A	1	Effectivity update: The information no longer applies to MSN 00415.
MO-32-07 32-07-01A(B) Brakes Temperature Indication on the WHEEL SD page	A	1	Effectivity update: The information no longer applies to MSN 00415.
MO-32-31 32-31-01A Landing Gear Control and Interface Unit (LGCIU)	A	1	Effectivity update: The information no longer applies to MSN 00415.
MO-32-32 32-32-03A LGCIU 2 LH L/G Shock Absorber Proximity Detector	B	1	Effectivity update: The information now applies to all ACN.
MO-32-32 32-32-05A LGCIU 2 RH L/G Down Lock Proximity Detector	D	2	Effectivity update: The information now applies to all ACN.
MO-32-32 32-32-06A LGCIU 2 LH L/G Down Lock Proximity Detector	E	3	Effectivity update: The information now applies to all ACN.
MO-32-32 32-32-08A LGCIU 2 RH L/G Up Lock Proximity Detector	G	4	Effectivity update: The information now applies to all ACN.
MO-32-32 32-32-09A LGCIU 2 LH L/G Up Lock Proximity Detector	H	5	Effectivity update: The information now applies to all ACN.
MO-32-32 32-32-10A LGCIU 2 Nose L/G Up Lock Proximity Detector	I	6	Effectivity update: The information now applies to all ACN.
MO-32-51 32-51-01A Nose Wheel Steering Control System	A	1	Effectivity update: The information no longer applies to MSN 00415.
MO-34-10 34-10-02B ADR 2	A	1	Effectivity update: The information no longer applies to MSN 00415.
MO-34-10 34-10-05B IR 2 (IR 2 totally inoperative)	D	3	Effectivity update: The information no longer applies to MSN 00415.
MO-34-21 34-21-03A Standby IAS Indicator	A	1	Effectivity update: The information no longer applies to MSN 00415.
MO-34-22 34-22-03B Standby Horizon Indicator	B	1	Effectivity update: The information no longer applies to MSN 00415.
MO-34-50	B	1	Effectivity update: The information now applies to all ACN.

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Localization Title	Toc Index	ID	Reason
34-50-09D(F) Global Positioning System (GPS) (ADS-B OUT function DO260 or DO260B compliant)			
MO-34-50 34-50-10B ADS-B OUT Function (Required for the intended route out of Single European Sky)	C	2	Effectivity update: The information now applies to all ACN.
MO-34-50 34-50-10C ADS-B OUT Function (Required for the intended route in Single European Sky)	D	6	Effectivity update: The information now applies to all ACN.
MO-36-09 36-09-01A(E) AIR APU BLEED LEAK Alert (APU bleed check valve replaced by a blanking cap or checked operative)	A	1	Effectivity update: The information now applies to all ACN.
MO-36-09 36-09-01B(C)(D) AIR APU BLEED LEAK Alert (ENG 1 BLEED pb-sw OFF and X BLEED selector SHUT)	B	2	Effectivity update: The information now applies to all ACN.
MO-36-11 36-11-01A(C)(E)(G) Engine Bleed Air Supply System (non-ETOPS flights)	A	1	Effectivity update: The information now applies to all ACN.
MO-36-11 36-11-01B(D)(F)(H) Engine Bleed Air Supply System (ETOPS flights)	B	2	Effectivity update: The information now applies to all ACN.
MO-36-11 36-11-08C(D)(E) Bleed Monitoring Computer (BMC)	E	3	Effectivity update: The information now applies to all ACN.
MO-36-22 36-22-01B(C)(D) Pylon Leak Detection System	A	1	Effectivity update: The information now applies to all ACN.
MO-36-22 36-22-03B(C)(D) APU Leak Detection Loop	B	2	Effectivity update: The information now applies to all ACN.
MO-46-21 46-21-01A Air Traffic Service Unit (procedures do not require ATC datalink)	A	1	Effectivity update: The information now applies to all ACN.
MO-46-21	B	2	Effectivity update: The information now applies to all ACN.

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Localization Title	Toc Index	ID	Reason
46-21-01B Air Traffic Service Unit (procedures require ATC datalink)			
MO-74-31 74-31-01A Ignition System A	A	1	Effectivity update: The information no longer applies to MSN 00415.
MO-74-31 74-31-02A Ignition System B	B	2	Effectivity update: The information no longer applies to MSN 00415.
MO-79-20 79-20-01A Air Cooled Oil Cooler (ACOC) Modulating Valve	A	1	Effectivity update: The information no longer applies to MSN 00415.

MEL OPERATIONAL PROCEDURES
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 21 - AIR CONDITIONING 21-09 - ECAM Alerts
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21-09-01A	VENT BLOWER FAULT Alert
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Ident.: MO-21-09-00008895.0001001 / 28 JUN 11
Applicable to: ALL

DURING COCKPIT PREPARATION

Disregard the **VENT BLOWER FAULT** alert displayed on the EWD.

Disregard the BLOWER pb-sw FAULT light illuminated on the VENTILATION Overhead panel.

Note: If the ground horn sounds:
EIS/HORN/SPLY (121VU P09) C/B..... Pull
The C/B must be closed again after first engine start

If the ground horn sounds after landing when engines are off, it can be silenced again. In this case, the ADIRS must be set to OFF before leaving the aircraft.

21-09-02A	VENT EXTRACT FAULT Alert
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Ident.: MO-21-09-00008896.0001001 / 11 MAR 10
Applicable to: ALL

DURING COCKPIT PREPARATION

Disregard the **VENT EXTRACT FAULT** alert displayed on the EWD.

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21-23-01B	Lavatory and Galley Extraction Fan
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Ident.: MO-21-23-00008830.0002001 / 15 NOV 18

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

GENERAL INFORMATION

Two amber crosses replace the cabin zone temperature indications on the COND SD page.
Refer to Item 21-07-03-01 Indications on the COND SD page

The INOP SYS column on the STATUS SD page may display the **LAV DET** message.

The cabin zone temperature regulation is lost.

The Zone Controller commands fixed FWD and AFT cabin ducts temperature (set to 15 °C or 59 °F).

To recover the cockpit temperature regulation:

- HOT AIR pb-sw OFF
- To control cockpit temperature, use the COCKPIT selector on the AIR COND overhead panel.

DURING COCKPIT PREPARATION

In the case of continuous operation of the lavatory and galley extraction fan, or in the case of "burning smell" associated with the inoperative lavatory and galley extraction fan:

- AIR COND/LAV/GALLEY VENT CTL/EXTRACT FAN/CTL (122VU U21) C/BPull
- AIR COND/LAV/GALLEY VENT CTL/EXTRACT FAN/SPLY (122VU U19) C/BPull

21-23-01B	Lavatory and Galley Extraction Fan
------------------	-------------------------------------------

Ident.: MO-21-23-00008830.0005001 / 15 NOV 18

Applicable to: LY-COD, LY-RAM

GENERAL INFORMATION

Two amber crosses replace the cabin zone temperature indications on the COND SD page.
Refer to Item 21-07-03-01 Indications on the COND SD page

The INOP SYS column on the STATUS SD page may display the **LAV DET** message.

The cabin zone temperature regulation is lost.

The Air Conditioning System Controller commands FWD and AFT cabin ducts temperature using the position of the FWD CABIN selector and the AFT CABIN selector on the AIR COND overhead panel.

Slight effect on cabin comfort may occur.

The cockpit temperature regulation is still operative.

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DURING COCKPIT PREPARATION

In the case of continuous operation of the lavatory and galley extraction fan, or in the case of "burning smell" associated with the inoperative lavatory and galley extraction fan:

- AIR COND/LAV/GALLEY VENT CTL/EXTRACT FAN/CTL (122VU U21) C/BPull
- AIR COND/LAV/GALLEY VENT CTL/EXTRACT FAN/SPLY (122VU U19) C/BPull

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 21 - AIR CONDITIONING 21-26 - Avionics Equipment Ventilation
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

21-26-01A	Avionics Blower Fan (VENT AVNCS SYS FAULT Alert not displayed)
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Ident.: MO-21-26-00008831.0001001 / 08 AUG 13
Applicable to: ALL

DURING COCKPIT PREPARATION

- Supply the aircraft electrical network.
- Check that the air conditioning correctly operates with both air conditioning packs set to on.
- BLOWER pb-swOVRD
- AVNCS VENT/BLOWER/FAN (123VU AD10) C/BPull
- Check that the VENT AVNCS SYS FAULT and VENT EXTRACT FAULT alerts are not displayed on the EWD.
- If the VENT EXTRACT FAULT alert is displayed on the EWD, the blower fan may be seized. In that case:
 - Contact the maintenance personnel to exchange the blower fan and the extract fan.
Only the VENT EXTRACT FAULT alert must then be displayed on the EWD.
 - When the blower and extract fans are exchanged, Refer to Item 21-26-02 Avionics Extract Fan

21-26-01B	Avionics Blower Fan (Air conditioning inlet valve checked open before each flight)
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Ident.: MO-21-26-00009179.0001001 / 08 AUG 13
Applicable to: ALL

DURING COCKPIT PREPARATION

- Supply the aircraft electrical network.
- Check that the air conditioning correctly operates with both air conditioning packs set to on.
- BLOWER pb-swOVRD
- AVNCS VENT/BLOWER/FAN (123VU AD10) C/BPull
- Check that the VENT EXTRACT FAULT alert is not displayed on the EWD
- If the VENT EXTRACT FAULT alert is displayed on the EWD, the blower fan may be seized. In that case:
 - Contact the maintenance personnel to exchange the blower fan and the extract fan.
Only the VENT EXTRACT FAULT alert must then be displayed on the EWD.
 - When the blower and extract fans are exchanged, Refer to Item 21-26-02 Avionics Extract Fan

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 21 - AIR CONDITIONING 21-26 - Avionics Equipment Ventilation
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

21-26-01C	Avionics Blower Fan (Avionics ventilation system checked before each flight)
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Ident.: MO-21-26-00009180.0001001 / 15 FEB 18

Applicable to: ALL

DURING COCKPIT PREPARATION

- Supply the aircraft electrical network.
 - Check that the air conditioning correctly operates with both air conditioning packs set to on.
 - BLOWER pb-swOVRD
 - AVNCS VENT/BLOWER/FAN (123VU AD10) C/BPull
 - Check that the **VENT EXTRACT FAULT** alert is not displayed on the EWD
- **After application of the maintenance procedure:**
- Clear the **VENT AVNCS SYS FAULT** alert using the CLR pb.
- The **VENT AVNCS SYS FAULT** alert will be displayed after landing*
- **If the **VENT EXTRACT FAULT** alert is displayed on the EWD, the blower fan may be seized. In that case:**
- Contact the maintenance personnel to exchange the blower fan and the extract fan.
 - Only the **VENT EXTRACT FAULT** alert must then be displayed on the EWD.*
 - When the blower and extract fans are exchanged, *Refer to Item 21-26-02 Avionics Extract Fan*

21-26-02A	Avionics Extract Fan (VENT AVNCS SYS FAULT Alert not displayed)
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Ident.: MO-21-26-00009184.0001001 / 20 MAR 10

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

Time limitation on ground with electrical network supplied:

OAT (°C)	≤ 38	≤ 45	≤ 55
Max time	No limit	3 h	35 min

DURING COCKPIT PREPARATION

- Supply the aircraft electrical network.
- Check that the air conditioning correctly operates with both air conditioning packs set to on.
- EXTRACT pb-sw.....OVRD
- Clear the **VENT EXTRACT FAULT** alert using the CLR pb.
- AVNCS VENT/EXTC/FAN (123VU AE2) C/B.....Pull
- Check that the **VENT AVNCS SYS FAULT** alert is not displayed on the EWD.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 21 - AIR CONDITIONING 21-26 - Avionics Equipment Ventilation
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Note: *If the ground horn sounds:*
EIS/HORN/SPLY (121VU P09) C/B..... Pull
The C/B must be closed again after first engine start

If the ground horn sounds after landing when engines are off, it can be silenced again. In this case, the ADIRS must be set to OFF before leaving the aircraft.

21-26-02B	Avionics Extract Fan (Air conditioning inlet valve checked open before each flight)
Ident.: MO-21-26-00009185.0001001 / 20 MAR 10 Applicable to: ALL	

FLIGHT PREPARATION/LIMITATIONS

Time limitation on ground with electrical network supplied:

OAT (°C)	≤ 38	≤ 45	≤ 55
Max time	No limit	3 h	35 min

DURING COCKPIT PREPARATION

- Supply the aircraft electrical network.
- Check that the air conditioning correctly operates with both air conditioning packs set to on.
- EXTRACT pb-sw..... OVRD
- Clear the **VENT EXTRACT FAULT** alert using the CLR pb.
- AVNCS VENT/EXTC/FAN (123VU AE2) C/B..... Pull

Note: *If the ground horn sounds:*
EIS/HORN/SPLY (121VU P09) C/B..... Pull
The C/B must be closed again after first engine start

If the ground horn sounds after landing when engines are off, it can be silenced again. In this case, the ADIRS must be set to OFF before leaving the aircraft.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 21 - AIR CONDITIONING 21-26 - Avionics Equipment Ventilation
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

21-26-02C	Avionics Extract Fan (Avionics ventilation system checked before each flight)
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Ident.: MO-21-26-00008853.0001001 / 20 MAR 10

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

Time limitation on ground with electrical network supplied:

OAT (°C)	≤ 38	≤ 45	≤ 55
Max time	No limit	3 h	35 min

DURING COCKPIT PREPARATION

- Supply the aircraft electrical network.
- Check that the air conditioning correctly operates with both air conditioning packs set to on.
- EXTRACT pb-sw.....OVRD
- Clear the **VENT EXTRACT FAULT** alert using the CLR pb.
- AVNCS VENT/EXTC/FAN (123VU AE2) C/B..... Pull

● **After application of the maintenance procedure:**

Clear the **VENT AVNCS SYS FAULT** alert using the CLR pb.

The **VENT AVNCS SYS FAULT** alert will be displayed after landing.

Note: If the ground horn sounds:

EIS/HORN/SPLY (121VU P09) C/B..... Pull

The C/B must be closed again after first engine start

If the ground horn sounds after landing when engines are off, it can be silenced again. In this case, the ADIRS must be set to OFF before leaving the aircraft.

21-26-03A	Avionics Skin Exchanger Inlet Bypass Valve
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Ident.: MO-21-26-00008855.0001001 / 11 MAR 10

Applicable to: ALL

ON GROUND

● **After application of the maintenance procedure:**

Clear the **VENT AVNCS SYS FAULT** alert displayed on the EWD using the CLR pb.

The **VENT AVNCS SYS FAULT** alert will be displayed after landing.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 21 - AIR CONDITIONING 21-26 - Avionics Equipment Ventilation
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21-26-04A	Avionics Skin Air Outlet Valve
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Ident.: MO-21-26-00008856.0001001 / 08 AUG 13

Applicable to: ALL

ON GROUND

- **After application of the maintenance procedure:**
Clear the **VENT AVNCS SYS FAULT** alert displayed on the EWD using the CLR pb.
*The **VENT AVNCS SYS FAULT** alert will be displayed after landing.*

Note: *Avionics smoke may be not perceptible from the cockpit due to the opening of the internal flap of the valve.*

*In the case of **AVIONICS SMOKE** alert:*

Apply the ECAM procedure even if the smoke is not perceptible.

21-26-05A	Avionics Skin Air Inlet Valve (Air conditioning inlet valve open on the ground)
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Ident.: MO-21-26-00009186.0001001 / 13 MAY 20

Applicable to: ALL

DURING COCKPIT PREPARATION

- Supply the aircraft electrical network.
 - Check that the air conditioning is operating with one or two air conditioning packs set to on.
 - EXTRACT pb-sw.....OVRD
 - Clear the **VENT AVNCS SYS FAULT** alert displayed on the EWD using the CLR pb.
- Note: *With only one air conditioning pack operative, operating time on ground is limited to 1 h.*

AFTER TAKEOFF

EXTRACT pb-sw.....AUTO

AFTER LANDING

- EXTRACT pb-sw.....OVRD
- Note: *Due to temporary low-pressure conditions, the **VENT BLOWER FAULT** alert may appear when the EXTRACT pb-sw is not set to the OVRD position.*
The flight crew should disregard the associated ECAM procedure.
*The **VENT BLOWER FAULT** alert disappears when the EXTRACT pb-sw is set to the OVRD position.*

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------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

21-26-05B	Avionics Skin Air Inlet Valve (Air conditioning inlet valve secured in the open position)
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Ident.: MO-21-26-00008857.0001001 / 08 AUG 13

Applicable to: ALL

DURING COCKPIT PREPARATION

- Supply the aircraft electrical network.
- Check that the air conditioning is operating with one or two air conditioning packs set to on.
- EXTRACT pb-sw.....OVRD
- **After application of the maintenance procedure:**
Clear the **VENT AVNCS SYS FAULT** alert displayed on the EWD using the CLR pb.
*The **VENT AVNCS SYS FAULT** alert will be displayed after landing.*

Note: With only one air conditioning pack operative, operating time on ground is limited to 1 h.

AFTER TAKEOFF

EXTRACT pb-sw.....AUTO

AFTER LANDING

EXTRACT pb-sw..... OVRD

21-26-06A 21-26-06B	Avionics Skin Exchanger Isolation Valve
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Ident.: MO-21-26-00008859.0001001 / 11 MAR 10

Applicable to: ALL

ON GROUND

- **After application of the maintenance procedure:**
Clear the **VENT AVNCS SYS FAULT** alert displayed on the EWD using the CLR pb.

21-26-08A	Avionics Air Conditioning Inlet Valve
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Ident.: MO-21-26-00008860.0001001 / 11 MAR 10

Applicable to: ALL

ON GROUND

- **After application of the maintenance procedure:**
Clear the **VENT AVNCS SYS FAULT** alert displayed on the EWD using the CLR pb.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 21 - AIR CONDITIONING 21-26 - Avionics Equipment Ventilation
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21-26-09A	Avionics Ventilation Filter (VENT AVNCS SYS FAULT Alert not displayed)
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Ident.: MO-21-26-00008861.0001001 / 11 MAR 10
Applicable to: ALL

- DURING COCKPIT PREPARATION
- Supply the aircraft electrical network.
 - Check that the air conditioning is operating with both air conditioning packs set to on.
 - EXTRACT pb-sw.....OVRD
 - Check that the VENT AVNCS SYS FAULT alert is not displayed on the EWD.

21-26-09B	Avionics Ventilation Filter (Air conditioning inlet valve checked open before each flight)
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Ident.: MO-21-26-00009187.0001001 / 11 MAR 10
Applicable to: ALL

- DURING COCKPIT PREPARATION
- Supply the aircraft electrical network.
 - Check that the air conditioning is operating with both air conditioning packs set to on.
 - EXTRACT pb-sw.....OVRD

21-26-09C	Avionics Ventilation Filter (Avionics ventilation system checked before each flight)
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Ident.: MO-21-26-00009188.0001001 / 11 MAR 10
Applicable to: ALL

- DURING COCKPIT PREPARATION
- Supply the aircraft electrical network.
 - Check that the air conditioning is operating with both air conditioning packs set to on.
 - EXTRACT pb-sw.....OVRD

● **After application of the maintenance procedure:**
Clear the VENT AVNCS SYS FAULT alert displayed on the EWD using the CLR pb.
The VENT AVNCS SYS FAULT alert will be displayed after landing.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 21 - AIR CONDITIONING 21-26 - Avionics Equipment Ventilation
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21-26-10A	Avionics Equipment Ventilation Computer (AEVC)
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Ident.: MO-21-26-00008862.0001001 / 15 FEB 18

Applicable to: ALL

DURING COCKPIT PREPARATION

- Supply the aircraft electrical network.
- Check that the air conditioning is operating with both air conditioning packs set to on.
- BLOWER pb-sw..... OVRD
- EXTRACT pb-sw..... OVRD

Note: If the ground horn sounds:

EIS/HORN/SPLY (121VU P09) C/B..... Pull

The C/B must be closed again after first engine start

If the ground horn sounds after landing when engines are off, it can be silenced again. In this case, the ADIRS must be set to OFF before leaving the aircraft.

Note: In the case of a low pressure in the avionics compartment ventilation ducts, the weather radar image may not be displayed on the ND on ground.

Clear the **VENT AVNCS SYS FAULT** alert displayed on the EWD using the CLR pb

IN FLIGHT

- **In the case of an air conditioning pack failure:**
 - The cabin altitude may reach about 9 700 ft (3 000 m), and
 - The **CAB PR EXCESS CAB ALT** alert may be displayed on the EWD.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 21 - AIR CONDITIONING 21-28 - Cargo Compartment Ventilation
------------------------------------------------------	------------------------------------------------------------------------------------------------------------

21-28-04B	AFT Cargo Isolation Valve (Valves deactivated closed)
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Ident.: MO-21-28-00012797.0001001 / 10 AUG 16

Applicable to: LY-COB, LY-COD

GENERAL INFORMATION

When the AFT cargo isolation valve is deactivated in the closed position, the COND SD page displays the AFT cargo isolation valve in the green open position.

FLIGHT PREPARATION/LIMITATIONS

The AFT Cargo Heating  and the ventilation in the AFT cargo compartment are not available. Ensure that the AFT cargo compartment does not contain materials sensitive to important temperature variations or sensitive to the lack of ventilation.

In that respect, for live animal transportation, use the Live Animal Transportation Calculation Tool.

DURING COCKPIT PREPARATION

Disregard the AFT ISOL VALVE pb-sw FAULT light.

Disregard the COND **AFT CRG ISOL VALVE** alert displayed on the EWD.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 21 - AIR CONDITIONING 21-31 - Pressure Control and Monitoring
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------

21-31-01A 21-31-01B	Automatic Cabin Pressure Control System (CPC, Outflow Valve AUTO Channel)
--------------------------------------	--------------------------------------------------------------------------------------------

Ident.: MO-21-31-00008875.0001001 / 11 MAR 10

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

DURING COCKPIT PREPARATION

- **If CPC 1 is affected:**
AIR COND/CAB/PRESS/CTL 1 (49VU D09) C/B..... Pull
- **If CPC 2 is affected:**
AIR COND/CAB/PRESS/CTL 2 (122VU Y22) C/B..... Pull
- MODE SEL pb-sw..... MAN
- On the CAB PRESS SD page, check that the cabin differential pressure, the cabin vertical speed, the cabin altitude, and the outflow valve position are available.
- MAN V/S CTL sw.....DN
- On the CAB PRESS SD page, check outflow valve movement.
- MODE SEL pb-sw..... AUTO

21-31-01A 21-31-01B	Automatic Cabin Pressure Control System (CPC, Outflow Valve AUTO Channel)
--------------------------------------	--------------------------------------------------------------------------------------------

Ident.: MO-21-31-00008875.0002001 / 11 MAR 10

Applicable to: LY-COD, LY-RAM

DURING COCKPIT PREPARATION

- **If CPC 1 is affected:**
AIR COND/CAB/PRESS/CTL 1 (49VU D09) C/B..... Pull
- **If CPC 2 is affected:**
AIR COND/CAB/PRESS/CTL 2 (122VU Y22) C/B..... Pull
- RPCU (122VU X23) C/B..... Pull
- MODE SEL pb-sw..... MAN
- On the CAB PRESS SD page, check that the cabin differential pressure, the cabin vertical speed, the cabin altitude, and the outflow valve position are available.
- MAN V/S CTL sw.....DN
- On the CAB PRESS SD page, check outflow valve movement.
- RPCU (122VU X23) C/B.....Push
- MODE SEL pb-sw..... AUTO

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 21 - AIR CONDITIONING 21-31 - Pressure Control and Monitoring
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------

21-31-04A	Landing Elevation Selection AUTO Function
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Ident.: MO-21-31-00008876.0001001 / 11 MAR 10

Applicable to: ALL

BEFORE TAKEOFF

- Set the LDG ELEV selector on the CABIN PRESS panel at the destination airport altitude.
- On the CAB PRESS SD page, check that the **LDG ELEV MAN** message is displayed .

21-31-05A	Landing Elevation Selection MAN Function
------------------	-------------------------------------------------

Ident.: MO-21-31-00008877.0001001 / 11 MAR 10

Applicable to: ALL

DURING COCKPIT PREPARATION

On the CAB PRESS SD page, check that the **LDG ELEV AUTO** message is displayed to confirm correct position of the LDG ELEV selector.

Note: The landing field elevation of the destination airport may not be correctly displayed on the CAB PRESS SD page. It is automatically corrected after first engine start.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 21 - AIR CONDITIONING 21-43 - Cargo Compartment Heating
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------

21-43-02A	AFT Cargo Compartment Heating (Heating system set to OFF)
------------------	------------------------------------------------------------------

Ident.: MO-21-43-00009191.0001001 / 28 JUN 11

Applicable to: LY-COB, LY-COD

FLIGHT PREPARATION/LIMITATIONS

For live animal transportation, use the Live Animal Transportation Calculation Tool.

DURING COCKPIT PREPARATION

- HOT AIR pb-sw (on the CARGO HEAT overhead panel)..... OFF
- On the COND SD page, check that the operative valve (either the hot air pressure regulating valve or the trim air valve) is indicated closed.

21-43-02B	AFT Cargo Compartment Heating (Inoperative valve secured in the closed position)
------------------	-----------------------------------------------------------------------------------------

Ident.: MO-21-43-00008883.0001001 / 28 JUN 11

Applicable to: LY-COB, LY-COD

FLIGHT PREPARATION/LIMITATIONS

For live animal transportation, use the Live Animal Transportation Calculation Tool.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 21 - AIR CONDITIONING 21-43 - Cargo Compartment Heating
------------------------------------------------------	--------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 21 - AIR CONDITIONING 21-51 - Pack Flow Control
------------------------------------------------------	------------------------------------------------------------------------------------------------

21-51-03A	Pack Flow Sensor
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Ident.: MO-21-51-00008886.0001001 / 04 OCT 12

Applicable to: LY-COD, LY-RAM

GENERAL INFORMATION

- The hot air pressure regulating valve automatically closes.
- The Flow Control Valve on the affected side operates in pneumatic backup mode.

FLIGHT PREPARATION/LIMITATIONS

- **If the FWD cargo heating is installed:**
For live animal transportation, use the Live Animal Transportation Calculation Tool.

DURING COCKPIT PREPARATION

AIR COND HOT AIR pb-sw..... OFF

- Note:
- Unequal passengers distribution may cause high temperature in the rear cabin when the hot air pressure regulating valve is closed.
 - The temperature in the cockpit may be low when the hot air pressure regulating valve is closed combined with single pack operation.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 21 - AIR CONDITIONING 21-51 - Pack Flow Control
------------------------------------------------------	------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 21 - AIR CONDITIONING 21-52 - Air Cooling System
------------------------------------------------------	-------------------------------------------------------------------------------------------------

21-52-01A 21-52-01B 21-52-01D 21-52-01E	Air Conditioning Pack (One Air Conditioning Pack Inoperative for 'C' Repair Interval)
--------------------------------------------------	----------------------------------------------------------------------------------------------

Ident.: MO-21-52-00008889.0005001 / 11 AUG 15

Applicable to: ALL

DURING COCKPIT PREPARATION

PACK FLOW selector..... HI

IN FLIGHT

- If **BLOWER pb-sw** and **EXTRACT pb-sw** are set to **OVRD**:
 - The cabin altitude may reach about 9 700 ft, and
 - The **CAB PR EXCESS CAB ALT** alert may be displayed on the EWD

21-52-01F	Air Conditioning Pack (One Air Conditioning Pack Inoperative for 'B' Repair Interval)
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Ident.: MO-21-52-00009192.0001001 / 11 AUG 15

Applicable to: LY-COD, LY-RAM

DURING COCKPIT PREPARATION

PACK FLOW selector..... HI

IN FLIGHT

- If **BLOWER pb-sw** and **EXTRACT pb-sw** are set to **OVRD**:
 - The cabin altitude may reach about 9 700 ft, and
 - The **CAB PR EXCESS CAB ALT** alert may be displayed on the EWD
- In the case of failure of the remaining air conditioning pack:

Apply the procedures associated with the **AIR PACK 1+2 FAULT** and the **CAB PR EXCESS CAB ALT** alerts displayed on the EWD.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 21 - AIR CONDITIONING 21-52 - Air Cooling System
------------------------------------------------------	-------------------------------------------------------------------------------------------------

21-52-01G	Air Conditioning Pack (One Air Conditioning Pack in Heat Exchanger Cooling Mode only)
-----------	----------------------------------------------------------------------------------------------

Ident.: MO-21-52-00009193.0001001 / 28 JUN 11

Applicable to: ALL

DURING COCKPIT PREPARATION

PACK 1(2) pb-sw in "heat exchanger cooling only" OFF

IN FLIGHT

- **When the TAT is equal to or less than 12°C:**
PACK 1(2) pb-sw in "heat exchanger cooling only" On
- **If the non affected air conditioning pack fails:**
Maximum flight altitude..... 31 500 ft (9 600 m)

DURING DESCENT

- **If the TAT is above 12°C:**
PACK 1(2) pb-sw in "heat exchanger cooling only" OFF

AT THE END OF THE DESCENT, BEFORE LANDING

PACK 1(2) pb-sw in "heat exchanger cooling only" OFF

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 21 - AIR CONDITIONING 21-61 - Pack Temperature Control
------------------------------------------------------	-------------------------------------------------------------------------------------------------------

21-61-02A	Pack Controller Primary Channel
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Ident.: MO-21-61-00008891.0001001 / 11 MAR 10

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

GENERAL INFORMATION

- **If primary channel is failed:**

Pack flow is fixed at the value reached at the time of failure.

- **If primary and secondary channels are failed:**

The air conditioning pack outlet temperature is controlled by the anti-ice valve to a nominal value of 15°C.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 21 - AIR CONDITIONING 21-61 - Pack Temperature Control
------------------------------------------------------	-------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 21 - AIR CONDITIONING 21-63 - Cockpit and Cabin Temperature Control
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------

21-63-01A	Zone Controller Channel (Primary Channel Inoperative)
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Ident.: MO-21-63-00008892.0001001 / 18 JUL 12

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

DURING COCKPIT PREPARATION

- HOT AIR pb-sw..... OFF
- On the COND SD page page, check that the hot air pressure regulating valve is closed.

21-63-01C	Zone Controller Channel (Both channels inoperative)
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Ident.: MO-21-63-00014514.0001001 / 18 JUL 12

2 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

DURING COCKPIT PREPARATION

HOT AIR pb-sw..... OFF

21-63-02A 21-63-02D	Cockpit and Cabin Trim Air Valve (Affected valve secured in the closed position)
--------------------------------------	-----------------------------------------------------------------------------------------

Ident.: MO-21-63-00008893.0001001 / 19 MAR 10

3 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

DURING COCKPIT PREPARATION

- **When one trim air valve is secured in the closed position:**

The zone controller closes all trim air valves and the hot air pressure regulating valve at each power up.

To recover normal operation of the operative valves, apply the following procedure after air conditioning pack start:

- **If the COND HOT AIR FAULT alert is displayed on the EWD, reset the following C/Bs:**
 - AIR COND/ZONE TEMP CTL/115 VAC/SYS 1 (122VU V17) C/B
 - AIR COND/ZONE TEMP CTL/115 VAC/SYS 2 (122VU V18) C/B
 - AIR COND/ZONE TEMP CTL/28 VDC/SYS 1 (122VU V19) C/B
 - AIR COND/ZONE TEMP CTL/28 VDC/SYS 2 (122VU V20) C/B
- **If the COND HOT AIR FAULT alert is still displayed on the EWD:**
Refer to Item 21-63-03 Hot Air Pressure Regulating Valve

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 21 - AIR CONDITIONING 21-63 - Cockpit and Cabin Temperature Control
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------

Continued from the previous page

IN FLIGHT

- If the affected zone temperature becomes uncomfortable:
HOT AIR pb-sw OFF

21-63-02A 21-63-02D	Cockpit and Cabin Trim Air Valve (Affected valve checked closed)
------------------------	-------------------------------------------------------------------------

Ident.: MO-21-63-00008893.0002001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

DURING COCKPIT PREPARATION

On the COND SD page page, check that the affected trim air valve is closed.

IN FLIGHT

- If the affected zone temperature becomes uncomfortable:
HOT AIR pb-sw..... OFF

21-63-02B 21-63-02C	Cockpit and Cabin Trim Air Valve (Hot air pressure regulating valve checked closed)
------------------------	--------------------------------------------------------------------------------------------

Ident.: MO-21-63-00009194.0001001 / 19 MAR 10

4 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

DURING COCKPIT PREPARATION

- HOT AIR pb-sw.....OFF
- On the COND SD page, check that the hot air pressure regulating valve is closed amber.

21-63-02B 21-63-02C	Cockpit and Cabin Trim Air Valve (Hot air pressure regulating valve checked operative)
------------------------	-----------------------------------------------------------------------------------------------

Ident.: MO-21-63-00009194.0003001 / 28 JUN 11

Applicable to: LY-COD, LY-RAM

DURING COCKPIT PREPARATION

- HOT AIR pb-sw..... OFF then on
- On the COND SD page, check that the hot air pressure regulating valve follows the HOT AIR pb-sw command.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 21 - AIR CONDITIONING 21-63 - Cockpit and Cabin Temperature Control
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------

Continued from the previous page

IN FLIGHT

- If affected zone temperature becomes uncomfortable:
HOT AIR pb-sw..... OFF

21-63-03A	Hot Air Pressure Regulating Valve (Hot air pressure valve checked closed)
------------------	----------------------------------------------------------------------------------

Ident.: MO-21-63-00009195.0001001 / 11 MAR 10

Applicable to: ALL

DURING COCKPIT PREPARATION

- HOT AIR pb-sw..... OFF
- On the COND SD page page, check that the hot air pressure regulating valve is closed amber.

21-63-03B	Hot Air Pressure Regulating Valve (Trim air valve checked closed)
------------------	--------------------------------------------------------------------------

Ident.: MO-21-63-00009196.0002001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

GENERAL INFORMATION

On the COND SD page, the hot air pressure regulating valve is displayed amber open.

DURING COCKPIT PREPARATION

- HOT AIR pb-sw..... OFF
- On the COND SD page, check that all the trim air valves are closed.

21-63-03C	Hot Air Pressure Regulating Valve (Affected valve secured in the closed position)
------------------	------------------------------------------------------------------------------------------

Ident.: MO-21-63-00008894.0001001 / 18 JUL 12

Applicable to: ALL

DURING COCKPIT PREPARATION

HOT AIR pb-sw..... OFF

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 21 - AIR CONDITIONING 21-63 - Cockpit and Cabin Temperature Control
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 22 - AUTO FLIGHT 22-05 - FMA Indications on the PFD
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------

22-05-01A	AP Related Indications on the FMA (inoperative on one FMA)
------------------	-------------------------------------------------------------------

Ident.: MO-22-05-00020781.0001001 / 22 NOV 16

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations strictly below 0.3 NM are not permitted.

22-05-01B	AP Related Indications on the FMA (inoperative on both FMAs)
------------------	---------------------------------------------------------------------

Ident.: MO-22-05-00008922.0001001 / 22 NOV 16

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.
RVSM operations are not permitted.
Maximum landing capability is CAT 1.

22-05-03A	Approach and Landing Capabilities on the FMA
------------------	-----------------------------------------------------

Ident.: MO-22-05-00008923.0001001 / 11 MAR 10

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

- **When one FMA is affected:**
Maximum landing capability is CAT 2.
- **When both FMAs are affected:**
Maximum landing capability is CAT 1.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 22 - AUTO FLIGHT 22-05 - FMA Indications on the PFD
------------------------------------------------------	----------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 22 - AUTO FLIGHT 22-10 - Autopilot/Flight Director (AP/FD)
------------------------------------------------------	-----------------------------------------------------------------------------------------------------------

22-10-01A 22-10-01B	Autopilot (AP)
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Ident.: MO-22-10-00008897.0001001 / 13 MAY 20

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

■ **When one AP is inoperative:**

For aircraft with the RNP AR capability, the following RNP AR operations are not permitted:

- RNP AR operations strictly below 0.3 NM
- RNP AR operations with a missed approach with an RNP value below 1 NM.

Maximum landing capability is CAT 3 SINGLE.

■ **When both APs are inoperative:**

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

RVSM operations are not permitted.

Maximum landing capability is CAT 1.

22-10-02A	Flight Director (FD)
------------------	-----------------------------

Ident.: MO-22-10-00008898.0001001 / 15 FEB 18

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

● **If both sides are affected:**

RNAV 1 / RNAV 2 operations are not permitted.

RNP 1 operations are not permitted.

RNP APCH operations are not permitted.

● **If the PF side is affected:**

RNP APCH operations are not permitted.

FOR TAKEOFF

● **For a takeoff without FDs:**

Refer to FCOM/PRO-NOR-SRP-01-30 No Flight Director Takeoff.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 22 - AUTO FLIGHT 22-10 - Autopilot/Flight Director (AP/FD)
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------

22-10-04A	Take-over pb AP Disconnection Function (One inoperative)
------------------	-----------------------------------------------------------------

Ident.: MO-22-10-00008899.0001001 / 11 MAR 10

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

Maximum landing capability is CAT 1.

BEFORE ENGINE START

- AP 1..... On
- Operative take-over pb..... Press
- Check that the red AP OFF message is displayed on the EWD.
- AP 2..... On
- Operative take-over pb..... Press
- Check that the red AP OFF message is displayed on the EWD.

BEFORE APPROACH

● If the AP is used for approach:

The operative AP disconnect pb must be assigned to the PF.

22-10-04B	Take-over pb AP Disconnection Function (Both inoperative)
------------------	------------------------------------------------------------------

Ident.: MO-22-10-00008900.0001001 / 22 NOV 16

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

Maximum landing capability is CAT 1.

22-10-05A	AUTO LAND light
------------------	------------------------

Ident.: MO-22-10-00008901.0001001 / 11 MAR 10

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

● When both lights are inoperative:

Maximum landing capability is CAT 1.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 22 - AUTO FLIGHT 22-10 - Autopilot/Flight Director (AP/FD)
------------------------------------------------------	-----------------------------------------------------------------------------------------------------------

22-10-06A	AP Disengagement Warning
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Ident.: MO-22-10-00008902.0001001 / 22 NOV 16

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

RVSM operations are not permitted.

Maximum landing capability is CAT 1.

22-10-07A	Sticks and Rudder Pedals Locking Solenoid in AP Mode
------------------	-------------------------------------------------------------

Ident.: MO-22-10-00008903.0001001 / 11 MAR 10

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

Maximum landing capability is CAT 2 without autoland.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 22 - AUTO FLIGHT 22-10 - Autopilot/Flight Director (AP/FD)
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 22 - AUTO FLIGHT 22-30 - Autothrust
------------------------------------------------------	------------------------------------------------------------------------------------

22-30-01A	Autothrust (A/THR)
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Ident.: MO-22-30-00008904.0001001 / 11 MAR 10

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

Maximum landing capability is CAT 2.

AFTER ENGINE START

- Press and hold either autothrust instinctive disconnect pb for at least 15 s.
The A/THR system is permanently disconnected for the entire flight.
 - Check that A/THR INOP SYS is displayed on the STATUS SD page.
- All A/THR functions including ALPHA FLOOR protection are lost.

22-30-02A	Autothrust Instinctive Disconnect pb
------------------	---------------------------------------------

Ident.: MO-22-30-00008905.0002001 / 12 NOV 20

Applicable to: ALL

The purpose of the procedure is to check the A/THR disconnection via the remaining Instinctive Disconnect pb and via the A/THR pb on the FCU.

AFTER IRS ALIGNMENT

Note: *Disregard alerts during the test. Use the EMER CANCEL pb on the ECAM control panel as necessary.*

Aircraft configuration for the check via the FMS 1:

- ENG/FADEC GND PWR 1 and 2.....ON
- Both thrust levers..... MCT
- FD..... Off
- AUTO FLT/FMGC/2 (121 VU M17) C/B..... Pull
- A/THR..... On
- Check that green SPEED and white A/THR indications appear on the PFD.
- Check that A/THR pb light bars are ON.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 22 - AUTO FLIGHT 22-30 - Autothrust
-------------------------------------------------------------	------------------------------------------------------------------------------------

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Check of the A/THR disconnection via the remaining Instinctive Disconnect pb:

- A/THR instinctive disconnect pb (non affected autothrust).....Push
- Check that the A/THR pb light bars are OFF.
- Check that green SPEED and white A/THR indications are no more displayed on the PFD.
- A/THR..... On
- Check that the A/THR pb light bars are ON.
- Check that green SPEED and white A/THR indications are displayed on the PFD.

Check of the A/THR disconnection via the A/THR pb on the FCU:

- A/THR pb (on the FCU)..... Off
- Check that the A/THR pb light bars are OFF.
- Check that green SPEED and white A/THR indications are no more displayed on the PFD.
- A/THR..... On

Aircraft configuration for the check via the FMS 2:

- AUTO FLT/FMGC/2 (121VU M17) C/B..... Push
- Wait 2 min.
- AUTO FLT/FMGC/1 (49VU B02) C/B..... Pull

Check of the A/THR disconnection via the remaining Instinctive Disconnect pb:

- A/THR instinctive disconnect pb (non affected autothrust).....Push
- Check that the A/THR pb light bars are OFF.
- Check that green SPEED and white A/THR indications are no more displayed on the PFD.
- A/THR..... On
- Check that the A/THR pb light bars are ON.
- Check that green SPEED and white A/THR indications are displayed on the PFD.

Check of the A/THR disconnection via the A/THR pb on the FCU:

- A/THR pb (on the FCU)..... Off
- Check that the A/THR pb light bars are OFF.
- Check that green SPEED and white A/THR indications are no more displayed on the PFD.
- A/THR..... On

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 22 - AUTO FLIGHT 22-30 - Autothrust
------------------------------------------------------	------------------------------------------------------------------------------------

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Restore normal aircraft configuration:

- A/THR..... Off
- AUTO FLT/FMGC/1 (49VU B02) C/B..... Push
- ENG/FADEC GND PWR 1 and 2..... Off
- Both thrust levers..... IDLE
- RCL pb (on the ECAM control panel)..... Push
- Wait 2 min before using the MCDU and the FD.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 22 - AUTO FLIGHT 22-30 - Autothrust
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 22 - AUTO FLIGHT 22-60 - Flight Augmentation (FAC)
-------------------------------------------------------------	---------------------------------------------------------------------------------------------------

22-60-02A	FAC 2
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Ident.: MO-22-60-00008906.0001001 / 22 NOV 16

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.
Maximum landing capability is CAT 3 SINGLE.

ON GROUND

- If the **AUTO FLT FAC 2 FAULT** alert is displayed on the EWD
or

If erroneous speeds are displayed:

- AUTO FLT/FAC 2/28VDC (121VU M19) C/B.....Pull
- FAC 2 pb-sw.....OFF

22-60-03A	Reactive Windshear Detection Function
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Ident.: MO-22-60-00021669.0001001 / 21 NOV 17

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

The flight crew must ensure that windshear conditions are not likely to be encountered at departure, destination or alternate airfields, having regard to actual and forecast weather conditions.

IN FLIGHT

In the case of perceivable windshear:

Apply memory actions associated to a windshear event. *Refer to FCOM/PRO-ABN-SURV [MEM] WINDSHEAR WARNING - REACTIVE WINDSHEAR.*

22-60-04A	Yaw Damper System
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Ident.: MO-22-60-00008907.0001001 / 11 MAR 10

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

Maximum landing capability is CAT 3 SINGLE.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 22 - AUTO FLIGHT 22-60 - Flight Augmentation (FAC)
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 22 - AUTO FLIGHT 22-70 - Flight Management System (FMS)
------------------------------------------------------	--------------------------------------------------------------------------------------------------------

22-70-01C 22-70-01D	Flight Management System (FMS) (Flight within radio navaids)
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Ident.: MO-22-70-00021668.0001001 / 03 MAY 17

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.
Maximum landing capability is CAT 3 SINGLE.
RNAV 10 operations are not permitted.
RNP 4 operations are not permitted.
RNP 2 operations in oceanic and remote continental area are not permitted.

22-70-02A	Navigation Database
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Ident.: MO-22-70-00021670.0001001 / 13 MAY 20

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

RNP APCH operations are not permitted.
For aircraft with the RNP AR capability, RNP AR operations are not permitted.

DURING COCKPIT PREPARATION

Crosscheck, as applicable, RNAV/ RNP, conventional SID, STAR, APPR procedures with the current aeronautical information (new charts or manuals).

■ **If the applicable procedure intended to be flown is identical to the current aeronautical information:**

Use the procedure of the out of date navigation database.

■ **If the procedure intended to be flown is not identical to the current aeronautical information (new charts or manuals):**

Do not use the procedure of the out of date navigation database.

Use the procedure intended to be flown by manually tuning the radio navigation aids (VOR, DME, ADF, ILS), or request the assistance of the Air Navigation Service Providers.

For airways navigation, crosscheck the navigation database airways with the CFP (Computerized Flight Plan) or with the current aeronautical information (new charts or manuals).

■ **If the complete airways are identical:**

Use the applicable airways of the out of date navigation database.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 22 - AUTO FLIGHT 22-70 - Flight Management System (FMS)
------------------------------------------------------	--------------------------------------------------------------------------------------------------------

Continued from the previous page

■ **If the airways are not identical:**

Insert new routings according to the current airways.

22-70-03A	Performance Information
------------------	--------------------------------

Ident.: MO-22-70-00024761.0001001 / 19 MAY 21

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

● **If inoperative on both FMS:**

For aircraft with the 4D Operations capability, 4D Operations are not permitted.

22-70-04A	Fuel/Time Prediction
------------------	-----------------------------

Ident.: MO-22-70-00024762.0001001 / 19 MAY 21

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

● **If inoperative on both FMS:**

For aircraft with the 4D Operations capability, 4D Operations are not permitted.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 22 - AUTO FLIGHT 22-81 - Flight Control Unit (FCU) 22-81-01 - Auto Flight Control Panel (FCU)
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------

22-81-01-03A	Mode Engagement pb (LOC, EXPED, APPR)
---------------------	----------------------------------------------

Ident.: MO-22-81-01-00021852.0001001 / 22 MAY 19

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

● **If APPR pb is inoperative:**

RNP APCH operations down to LNAV/VNAV minima are not permitted.

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

Maximum landing capability is CAT 1.

The following modes remain available for approach:

- NAV/FPA
- TRK/FPA
- LOC/FPA (if LOC pb is available)
- The manual mode in RAW data.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 22 - AUTO FLIGHT 22-81 - Flight Control Unit (FCU) 22-81-01 - Auto Flight Control Panel (FCU)
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 22 - AUTO FLIGHT 22-81 - Flight Control Unit (FCU) 22-81-02 - EFIS Control Panel (FCU)
------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------

22-81-02-07A	ND Range Selector
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Ident.: MO-22-81-02-00020723.0001001 / 22 MAY 19

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

- **If range 10 NM and range 20 NM are not available on one side:**

RNP APCH operations are not permitted.

- **If the PF side is affected:**

RNAV 10 operations are not permitted.

RNAV 5 operations are not permitted.

RNAV 1 / RNAV 2 operations are not permitted.

RNP 4 operations are not permitted.

RNP 2 operations are not permitted.

RNP 1 operations are not permitted.

RNP APCH operations are not permitted.

22-81-02-08A	ND Mode Selector
---------------------	-------------------------

Ident.: MO-22-81-02-00020727.0001001 / 22 MAY 19

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

- **If ROSE NAV and ARC modes are not available on one side:**

RNP APCH operations are not permitted.

- **If the PF side is affected:**

RNAV 10 operations are not permitted.

RNAV 5 operations are not permitted.

RNAV 1 / RNAV 2 operations are not permitted.

RNP 4 operations are not permitted.

RNP 2 operations are not permitted.

RNP 1 operations are not permitted.

RNP APCH operations are not permitted.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 22 - AUTO FLIGHT 22-81 - Flight Control Unit (FCU) 22-81-02 - EFIS Control Panel (FCU)
------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 22 - AUTO FLIGHT 22-81 - Flight Control Unit (FCU) 22-81-03 - FCU Channel
------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------

22-81-03-01A 22-81-03-01B	FCU Channel
--------------------------------------------	--------------------

Ident.: MO-22-81-03-00020730.0001001 / 22 NOV 16

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

RNP APCH operations are not permitted.

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 22 - AUTO FLIGHT 22-81 - Flight Control Unit (FCU) 22-81-03 - FCU Channel
------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 22 - AUTO FLIGHT 22-82 - Multipurpose Control and Display Unit (MCDU)
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------

22-82-01A	MCDU 1
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Ident.: MO-22-82-00020731.0001001 / 03 MAY 17

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

- RNAV 10 operations are not permitted.
- RNP 4 operations are not permitted.
- RNP 2 operations in oceanic and remote continental area are not permitted.
- For aircraft with the RNP AR capability, RNP AR operations are not permitted.

22-82-02A	MCDU 2
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Ident.: MO-22-82-00020732.0001001 / 03 MAY 17

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

- RNAV 10 operations are not permitted.
- RNP 4 operations are not permitted.
- RNP 2 operations in oceanic and remote continental area are not permitted.
- For aircraft with the RNP AR capability, RNP AR operations are not permitted.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 22 - AUTO FLIGHT 22-82 - Multipurpose Control and Display Unit (MCDU)
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 22 - AUTO FLIGHT 22-83 - Flight Management and Guidance Computer (FMGC)
------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

22-83-01A 22-83-01B	Flight Management and Guidance Computer (FMGC)
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Ident.: MO-22-83-00008919.0002001 / 13 MAY 20
Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

Maximum landing capability is CAT 3 SINGLE.

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

RNAV 10 operations are not permitted.

RNP 4 operations are not permitted.

RNP 2 operations in oceanic and remote continental area are not permitted.

DURING COCKPIT PREPARATION

■ If FMGC 1 is affected:

AUTO FLT/FMGC/1 (49VU B02 or 121VU M16) C/BPull

● If ADS-B or EHS is required for the intended flight:

ATC selector2

■ If FMGC 2 is affected:

AUTO FLT/FMGC/2 (121VU M17) C/B Pull

Note:
During IR alignment, when the FMGC 2 is deactivated, IRS IN ALIGN memo cannot be displayed until the FD 1 is engaged.

● If ADS-B or EHS is required for the intended flight:

ATC selector1

MO-22-83 P 1/2
19 AUG 20

A

FOR TRAINING PURPOSES ONLY

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 22 - AUTO FLIGHT 22-83 - Flight Management and Guidance Computer (FMGC)
------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-09 - ECAM Alerts
------------------------------------------------------	----------------------------------------------------------------------------------------

23-09-01A	COMHF 1(2) EMITTING Alert
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Ident.: MO-23-09-00008969.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION

To make troubleshooting easier, *Refer to FCOM/PRO-ABN-COM COM VHF 1(2)(3)/HF 1(2) EMITTING (If Installed).*

DURING COCKPIT PREPARATION

- **To deactivate the HF1 system, apply:**
COM HF1 (49 VU HA14) C/BPULL
or
COM NAV/HF1 (121 VU L10) C/B PULL
- **To deactivate the HF2 system, apply:**
COM NAV/HF2 (121 VU L13) C/B PULL

23-09-02A	COM VHF 1(2)(3) EMITTING Alert (3 VHF installed)
------------------	---------------------------------------------------------

Ident.: MO-23-09-00008970.0001001 / 15 FEB 18

Applicable to: ALL

GENERAL INFORMATION

To make troubleshooting easier, *Refer to FCOM/PRO-ABN-COM COM VHF 1(2)(3)/HF 1(2) EMITTING (If Installed).*

DURING COCKPIT PREPARATION

- **To deactivate the VHF1 system, apply:**
COM/VHF/1 (49 VU G09) C/BPULL
- **To deactivate the VHF2 system, apply:**
COM NAV/VHF/2 (121 VU L04) C/B PULL
- **To deactivate the VHF3 system, apply:**
COM NAV/VHF/3 (121 VU L05) C/B PULL

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-09 - ECAM Alerts
------------------------------------------------------	----------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-10 - Speech Communication
------------------------------------------------------	-------------------------------------------------------------------------------------------------

23-10-01C 23-10-01D	HF Voice
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Ident.: MO-23-10-00021777.0004001 / 13 MAY 20

Applicable to: LY-COB

GENERAL INFORMATION:

Flight(s) can not be operate outside VHF coverage without to ensure that:

- SATCOM is authorized by ATC, and
- SATCOM Voice or SATCOM Datalink will be available for the entire route.

23-10-02C 23-10-02D	VHF Voice
--------------------------------------	------------------

Ident.: MO-23-10-00008952.0002001 / 13 MAY 20

Applicable to: ALL

DURING COCKPIT PREPARATION

Prior to each flight, set VHF3 to VOICE mode if VHF1 or VHF2 is inoperative.

A "VHF3 VOICE" memo is displayed on the ECAM.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-10 - Speech Communication
------------------------------------------------------	-------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-20 - Data Transmission and Automatic Calling
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------

23-20-04B	VHF Datalink (procedure do not require ATC datalink)
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Ident.: MO-23-20-00021801.0001001 / 03 DEC 21

¹ Applicable to: ALL

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FLIGHT PREPARATION/LIMITATIONS

- **For operations that use FANS A aircraft capability:**
 - **If datalink is inoperative:**
 - ATC datalink applications (ADS-C, CPDLC, DCL, OCL and D-ATIS) over ACARS are lost
 - Required Communication / Surveillance Performance (RCP 130, RCP 240 and above for CPDLC and RSP 160, RSP 180 and above for ADS-C) capabilities are lost.
- **For operations that use FANS B aircraft capability:**
 - **If datalink is inoperative:**
 - CPDLC over ATN is lost
 - ATC datalink applications (DCL, OCL, and D-ATIS) over ACARS are lost
 - Required Communication Performance (Initial Continental Performance, RCP 130 for CPDLC) capability is lost.
- **For operations that use FANS C aircraft capability:**
 - **If datalink is inoperative:**
 - ATC datalink applications (CPDLC and ADS-C) over ATN are lost
 - ATC datalink applications (DCL, OCL and D-ATIS) over ACARS are lost
 - Required Communication / Surveillance Performance (RCP 130 and above for CPDLC and RSP 160 and above for ADS-C) capabilities are lost.

For aircraft equipped with the 4D Operations capability, 4D Operations are not permitted.

For more information on aircraft capability on ATC datalink communication, *Refer to FCOM/DSC-46-10-10 Overview.*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-20 - Data Transmission and Automatic Calling
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------

23-20-04C	VHF Datalink (procedure require ATC datalink)
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Ident.: MO-23-20-00021800.0001001 / 03 DEC 21

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

- **For operations that use FANS A aircraft capability:**
 - **If datalink is inoperative:**
 - ATC datalink applications (ADS-C, CPDLC, DCL, OCL and D-ATIS) over ACARS are lost
 - Required Communication / Surveillance Performance (RCP 130, RCP 240 and above for CPDLC and RSP 160, RSP 180 and above for ADS-C) capabilities are lost
 - Alternate procedures for ATC communications: ATC may permit the use of alternate communication means for operations that require FANS A aircraft capability via VHF datalink.
- **For operations that use FANS B aircraft capability:**
 - **If datalink is inoperative:**
 - CPDLC over ATN is lost
 - ATC datalink applications (DCL, OCL and D-ATIS) over ACARS are lost
 - Required Communication Performance (Initial Continental Performance, RCP 130 for CPDLC) capability is lost
 - Alternate procedures for ATC communications: ATC permits the use of voice communication for operations that require FANS B aircraft capability.
- **For operations that use FANS C aircraft capability:**
 - **If datalink is inoperative:**
 - ATC datalink applications (CPDLC, ADS-C) over ATN are lost
 - ATC datalink applications (DCL, OCL, and D-ATIS) over ACARS are lost
 - Required Communication / Surveillance Performance (RCP 130 and above for CPDLC and RSP 160 and above for ADS-C) capabilities are lost.

For aircraft equipped with the 4D Operations capability, 4D Operations are not permitted.

For more information on aircraft capability on ATC datalink communication, *Refer to FCOM/DSC-46-10-10 Overview*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-40 - Interphone
-------------------------------------------------------------	---------------------------------------------------------------------------------------

23-40-01A	Ground External Horn
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Ident.: MO-23-40-00008960.0001001 / 28 JUN 11

Applicable to: ALL

ON GROUND

- **When the aircraft electrical network is supplied:**

Monitor the avionics equipment ventilation in the cockpit.

BEFORE LEAVING THE AIRCRAFT

Set the three ADIRS Mode selectors to OFF.

23-40-03A	Flight Crew to Ground Communication System
------------------	---------------------------------------------------

Ident.: MO-23-40-00008961.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION:

Alternate, visual signals or radio communication must be used regarding the cockpit to ground communication.

23-40-04A	Service Interphone Jack
------------------	--------------------------------

Ident.: MO-23-40-00008962.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION:

Alternate, visual signals or personal radio communication procedures must be used, when the use of the inoperative jack(s) is (are) needed.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-40 - Interphone
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<p>A318/A319/A320/A321 MINIMUM EQUIPMENT LIST</p>	<p>MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-51 - Audio Management</p>
--------------------------------------------------------------	------------------------------------------------------------------------------------------------------

23-51-05A	Cockpit Loudspeaker Volume Control
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Ident.: MO-23-51-00008963.0001001 / 13 MAY 20

Applicable to: ALL

COCKPIT LOUDSPEAKER VOLUME CONTROLMEL

The volume produced by the loudspeaker with the inoperative volume control may be adjusted by the reception knobs on the relevant ACP.

If this adjustment does not produce acceptable volume for the headsets and/or the loudspeaker the circuit breaker for the relevant Cockpit Loudspeaker Volume Control shall be pulled out:

For the Captain: CAPT LOUD SPKR 49 VU F-10

For the First officer: F/O LOUD SPKR 121 VU P-8

Headsets or boomset compatible with the quick donning oxygen mask shall be used all the time by the relevant crew member.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-51 - Audio Management
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Intentionally left blank

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-52 - Audio Control Panel (ACP)
------------------------------------------------------	------------------------------------------------------------------------------------------------------

23-52-01A	CAPT and F/O ACP
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Ident.: MO-23-52-00008964.0001001 / 11 MAR 10
Applicable to: ALL

DURING COCKPIT PREPARATION

To recover the audio channel on the affected side:

AUDIO SWITCHING selector.....CAPT 3 (F/O 3)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-52 - Audio Control Panel (ACP)
------------------------------------------------------	------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-72 - Cockpit Door Surveillance System (CDSS)
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------

23-72-01A	Cockpit Door Surveillance System (CDSS)
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Ident.: MO-23-72-00021790.0001001 / 03 MAR 21

Applicable to: ALL

GENERAL INFORMATION

Before each flight, Commander should brief the SCCM alternate procedure of cockpit entry. SCCM should call Flight Deck and explain reason of entry requirement to Flight Deck by interphone, using name and agreed phraseology, then ask clearance to enter the Flight Deck.

If the CDSS or any subpart is inoperative, confirm the bona fides of the person requesting entry by means of the cockpit door direct viewer.

If the interphone fails, request access to the flight deck using the keypad.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-72 - Cockpit Door Surveillance System (CDSS)
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-73 - Cabin Intercommunication Data System 23-73-02 - DEU A
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------

23-73-02-01A	Cabin DEU A
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Ident.: MO-23-73-02-00009538.0001001 / 11 MAR 10

Applicable to: ALL

GENERAL INFORMATION

On the affected cabin area:

- general cabin illumination is set to full brightness,
- Passenger Call is not available,
- The (No Smoking/Fasten Seat Belt/No Portable Electric Device) Signs are not available.

IN FLIGHT

- **When return to seat is requested,**
or
When seat belts should be fasten,
or
When smoking is prohibited,
or
When portable electric device use is prohibited,

Use the passenger address system to alert cabin attendants and passengers.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-73 - Cabin Intercommunication Data System 23-73-02 - DEU A
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------

Intentionally left blank

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-73 - Cabin Intercommunication Data System 23-73-03 - DEU B
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------

23-73-03-01A 23-73-03-01B	Cabin DEU B
--------------------------------------------	--------------------

Ident.: MO-23-73-03-00009539.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION

The slide bottle pressure and door bottle pressure associated with each affected DEU B must be checked on the associated direct reading pressure gauge before the first flight of each day.
Use of one cabin handset per pair of floor level exit doors.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-73 - Cabin Intercommunication Data System 23-73-03 - DEU B
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------

Intentionally left blank

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-73 - Cabin Intercommunication Data System 23-73-05 - Cabin Loudspeaker
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------

23-73-05-01A	Cabin Loudspeaker
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Ident.: MO-23-73-05-00021662.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION

Ensure that the passengers occupying the affected seats can clearly hear the passenger address announcements.

To ensure that, the Cabin Crew during cabin preparation should do the procedure as below: One Cabin Crew should make an announcement via PA; The other Cabin Crew should occupy the seat(s) close to the inoperative loudspeaker and check the announcement is clearly hear. It may require to check all seat rows of affected side close to the inoperative loudspeaker.

At least one loudspeaker adjacent to the inoperative loudspeaker must be operative to ensure that the announcement can be heard *Refer to Item 25-20-01 Passenger Seat.*

Note: *When one loudspeaker adjacent to the inoperative loudspeaker is operative, it ensures that passengers can hear passenger announcements.*

23-73-05-02A	Lavatory Loudspeaker
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Ident.: MO-23-73-05-00008965.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION

ALTERNATE NORMAL PROCEDURE:

1. Under normal conditions a crew member shall communicate with the person in the lavatory by knocking at the lavatory door to attract attention and then relaying the necessary message.
2. Flight Attendants will make relevant announcements verbally when the toilet(s)is/are occupied. Notify the Captain via interphone after completing each required announcement.
3. The Flight Crew will notify passengers to be seated prior to takeoff and landing using interphone. Flight Attendants will ensure that the reminder of the cabin crew complies.

ALTERNATE EMERGENCY PROCEDURE:

1. A megaphone may be used to brief passengers in an emergency situation.
2. In emergency condition when possible a crew member at the closest position shall knock at the lavatory door and instruct the person in the lavatory.

In any case if no response from the person in the lavatory is present the crew member may unlock the lavatory door from outside.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-73 - Cabin Intercommunication Data System 23-73-05 - Cabin Loudspeaker
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------

Intentionally left blank

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-73 - Cabin Intercommunication Data System 23-73-06 - Handset
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------

23-73-06-02A	Cabin Handset
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Ident.: MO-23-73-06-00008966.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATIONMEL


In normal and emergency situations the crew member with the operative Cabin Handset shall relay the messages to / from the crew member with the inoperative Handset at each pair of floor level exit doors.

Define the location of the cabin handset to be used by the purser, if necessary.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-73 - Cabin Intercommunication Data System 23-73-06 - Handset
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------

Intentionally left blank

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-73 - Cabin Intercommunication Data System
	23-73-07 - Prerecorded Announcement and Music Reproducer (PRAM)

23-73-07-01A	Prerecorded Announcement and Music Reproducer (PRAM) 
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Ident.: MO-23-73-07-00008967.0002001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION

Passengers must be briefed orally on normal and emergency procedures prior each take off by the flight crew. Necessary demonstration equipment must be provided onboard.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-73 - Cabin Intercommunication Data System 23-73-07 - Prerecorded Announcement and Music Reproducer (PRAM)
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Intentionally left blank

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-74 - Cabin Crew Panel
-------------------------------------------------------------	---------------------------------------------------------------------------------------------

23-74-01A	FAP Display Unit
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Ident.: MO-23-74-00008968.0001001 / 28 JUN 11

Applicable to: LY-COD, LY-RAM

GENERAL INFORMATION

The cabin lighting may be dimmed through the Additional Attendant Panel (AAP) (If available).

23-74-12A	CIDS Caution Light of the Forward Attendant Panel
------------------	----------------------------------------------------------

Ident.: MO-23-74-00013898.0001001 / 13 MAY 20

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

ON GROUND

- **If the DOOR PRESS LOW message is displayed on the PTP status page:**
Refer to Item 52-10-06 DOOR PRESS LOW/CHECK DOOR PRESSURE Message on the PTP/FAP
- **If the Passenger Door SLIDE PRESS LOW message is displayed on the PTP status page:**
Refer to Item 25-62-06 Cabin Door Slide Pressure Message on the PTP/FAP
- **If the Emergency Exit SLIDE PRESS LOW message is displayed on the PTP status page:**
Refer to Item 25-62-07 Cabin Overwing Exit Slide Pressure Message on the PTP/FAP

23-74-13A	Lighting Module of the Forward Attendant Panel
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Ident.: MO-23-74-00013897.0001001 / 28 JUN 11

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

GENERAL INFORMATION

The cabin lighting may be dimmed through the Additional Attendant Panel (AAP) (If available).

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-74 - Cabin Crew Panel
------------------------------------------------------	---------------------------------------------------------------------------------------------

Intentionally left blank

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-99 - Controller Pilot Data Link Communications, CPDLC
------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------

23-99-01A	Controller Pilot Data Link Communications. CPDLC
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Ident.: MO-23-99-20806751.9001001 / 19 AUG 20

Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL

GENERAL INFORMATION

Inform Flight Operation that the aircraft is no longer CPDLC compliant.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 23 - COMMUNICATIONS 23-99 - Controller Pilot Data Link Communications, CPDLC
------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------

Intentionally left blank

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 24 - ELECTRICAL POWER 24-01 - Overhead Panels 24-01-01 - ELEC Overhead Panel
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

24-01-01-07A	EXT PWR pb AVAIL light
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Ident.: MO-24-01-01-00008971.0001001 / 13 MAY 20
Applicable to: ALL

BEFORE PUSHBACK

Confirm the external power disconnection either on the ELEC SD page or with the ground crew.

PARKING

- **If the APU is not available:**
 - EXT PWR pb.....ON
 - Confirm the external power connection either on the ELEC SD page or with the ground crew before engine shutdown.

24-01-01-09A	GALLEY pb-sw FAULT light
---------------------	---------------------------------

Ident.: MO-24-01-01-00008972.0001001 / 11 MAR 10
1 Applicable to: LY-COB

DURING COCKPIT PREPARATION

Check of the galley automatic load shed system:

- Supply the electrical network from the APU or the external power.
- GALLEY pb-sw.....AUTO
- ELEC/GALLEY/GND/FLT/LOGIC (122VU S24) C/B.....Pull
- Check that a part of the operative galley equipment does not operate.
- ELEC/GALLEY/GND/FLT/LOGIC (122VU S24) C/B..... Push

Note: *Disregard this procedure if main galleys are not connected.*

24-01-01-09A	GALY & CAB pb-sw FAULT light
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Ident.: MO-24-01-01-00008972.0002001 / 11 MAR 10
Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

DURING COCKPIT PREPARATION

Check of the galley automatic load shed system:

- Supply the electrical network from the APU or the external power.
- GALY & CAB pb-sw.....AUTO
- ELEC/GALY & CAB/GND/FLT/LOGIC (122VU S24) C/B..... Pull
- Check that a part of the operative galley equipment does not operate.
- ELEC/GALY & CAB/GND/FLT/LOGIC (122VU S24) C/B.....Push

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 24 - ELECTRICAL POWER 24-01 - Overhead Panels 24-01-01 - ELEC Overhead Panel
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Note: Disregard this procedure if main galleys are not connected.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 24 - ELECTRICAL POWER 24-07 - Indications on the ELEC SD page
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24-07-01A	AC Generation Indications on the <u>ELEC</u> SD page
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Ident.: MO-24-07-00008983.0001001 / 11 MAR 10

1 Applicable to: LY-COB

DURING COCKPIT PREPARATION

Check that GEN 1(2) pb-sw FAULT light is on (with the GEN 1(2) pb-sw in the on position).

Check of the galley automatic load shed system:

- Supply the electrical network from the APU or the external power.
- GALLEY pb-sw.....AUTO
- ELEC/GALLEY/GND/FLT/LOGIC (122VU S24) C/B.....Pull
- Check that a part of the operative galley equipment does not operate.
- ELEC/GALLEY/GND/FLT/LOGIC (122VU S24) C/B.....Push

Note: Disregard this procedure if main galleys are not connected.

24-07-01A	AC Generation Indications on the <u>ELEC</u> SD page
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Ident.: MO-24-07-00008983.0002001 / 11 MAR 10

Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

DURING COCKPIT PREPARATION

Check that GEN 1(2) pb-sw FAULT light is on (with the GEN 1(2) pb-sw in the on position).

Check of the galley automatic load shed system:

- Supply the electrical network from the APU or the external power.
- GALY & CAB pb-sw.....AUTO
- ELEC/GALY & CAB/GND/FLT/LOGIC (122VU S24) C/B.....Pull
- Check that a part of the operative galley equipment does not operate.
- ELEC/GALY & CAB/GND/FLT/LOGIC (122VU S24) C/B.....Push

Note: Disregard this procedure if main galleys are not connected.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 24 - ELECTRICAL POWER 24-07 - Indications on the ELEC SD page
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 24 - ELECTRICAL POWER 24-09 - ECAM Alerts
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24-09-01A	ELEC AC ESS BUS SHED Alert
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Ident.: MO-24-09-00008984.0002001 / 18 MAR 10

Applicable to: LY-ELK, LY-OWL

GENERAL INFORMATION

When the ELEC AC ESS BUS SHED alert is displayed on the EWD:

- The AC ESS BUS SHED message may appear on the ELEC SD page,
- The CAPT AOA message may be displayed in the INOP SYS column on the STATUS SD page,
- The ELEC/AC BUS/8XP/MONG (49VU H11) C/B may trip.

DURING COCKPIT PREPARATION

Check of the AC ESS BUS SHED:

- Supply the electrical network from the APU or the external power
- Check that the CAPT right DU is operative.

IN FLIGHT

- If either the ANTI ICE F/O AOA alert or the ANTI ICE F/O PROBES alert is displayed on the EWD, and icing conditions cannot be avoided:
 - ADR 2 pb-sw..... OFF
 - AIR DATA sw..... F/O 3

Note: If the ADR 2 pb-sw is set to OFF, takeoff in CONF 1+F is not permitted.

- If either the ANTI ICE STBY AOA alert or the ANTI ICE STBY PROBES alert is displayed on the EWD, and icing conditions cannot be avoided:
 - ADR 3 pb-sw..... OFF

24-09-01A	ELEC AC ESS BUS SHED Alert
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Ident.: MO-24-09-00008984.0003001 / 18 MAR 10

1 Applicable to: LY-COB, LY-COD, LY-EMU, LY-RAM

GENERAL INFORMATION

When the ELEC AC ESS BUS SHED alert is displayed on the EWD:

- The AC ESS BUS SHED message may appear on the ELEC SD page,
- The CAPT AOA message may be displayed in the INOP SYS column on the STATUS SD page,
- The ELEC/AC BUS/8XP/MONG (49VU H11) C/B may trip.

DURING COCKPIT PREPARATION

COM/HF1 (49VU HA14) C/B..... Pull

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 24 - ELECTRICAL POWER 24-09 - ECAM Alerts
------------------------------------------------------	------------------------------------------------------------------------------------------

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Check of the AC ESS BUS SHED:

- Supply the electrical network from the APU or the external power.
- Check that the CAPT right DU is operative.

IN FLIGHT

- If either the **ANTI ICE F/O AOA** alert or the **ANTI ICE F/O PROBES** alert is displayed on the EWD, and icing conditions cannot be avoided:
 - ADR 2 pb-sw..... OFF
 - AIR DATA sw..... F/O 3

Note: If the ADR 2 pb-sw is set to OFF, takeoff in CONF 1+F is not permitted.
- If either the **ANTI ICE STBY AOA** alert or the **ANTI ICE STBY PROBES** alert is displayed on the EWD, and icing conditions cannot be avoided:
 - ADR 3 pb-sw.....OFF

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 24 - ELECTRICAL POWER 24-22 - AC Main Generation
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------

24-22-01A	AC Main Generation (IDG, GCU, Line Contactor)
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Ident.: MO-24-22-00008973.0119001 / 20 APR 20

Applicable to: LY-ELK, LY-EMU, LY-OWL

FLIGHT PREPARATION/LIMITATIONS


Maximum landing capability is CAT 3 SINGLE.

APU fuel consumption with APU GEN pb-sw On:

FL	GND	200	250	300	335	390
KG/H	100	63	57	54	49	42
LB/H	220	139	126	119	108	93

Note: When the External Power is disconnected, the IFE is lost until the APU supplies the electrical network.

DURING COCKPIT PREPARATION

- Check of the galley automatic load shed system:
- PAX SYS pb-sw  (in the VCC).....OFF
 - Supply the electrical network from the APU or the external power.
 - GALY & CAB pb-sw.....AUTO
 - ELEC/GALY & CAB/GND/FLT/LOGIC (122VU S24) C/B.....Pull
 - Check that a part of the operative galley equipment does not operate.
 - ELEC/GALY & CAB/GND/FLT/LOGIC (122VU S24) C/B.....Push

Note: Disregard this procedure if main galleys are not connected.

BEFORE ENGINE START

- If the IDG 1(2) associated with the inoperative AC main generation 1(2) has been disconnected:
Check that the DISC message is displayed on the ELEC SD page.

CAUTION	For economical reason, the IDG should not operate for more than 50 flight hours in the disconnected mode.
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 24 - ELECTRICAL POWER 24-22 - AC Main Generation
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------

Continued from the previous page

AFTER ENGINE START

Check that the electrical busses have power:

- APU MASTER SW pb-sw.....ON
- APU GEN pb-sw.....On
- GEN 1 pb-sw.....OFF
- GEN 2 pb-sw.....OFF
- On the ELEC SD page, check that all AC busses have power.
- GEN pb-sw (operative)..... On
- APU GEN pb-sw..... OFF
- On the ELEC SD page, check that all AC busses have power.
- APU GEN pb-sw.....On
- PAX SYS pb-sw  (in the VCC)..... ON

BEFORE TAKE-OFF

- **If the IDG 1(2) associated with the inoperative AC main generation 1(2) has been disconnected:**

Check on the FUEL SD page that the associated inner/wing tank fuel temperature is above -30 °C.

DURING THE FLIGHT

- **If the IDG 1(2) associated with the inoperative AC main generation 1(2) has been disconnected:**

Monitor the fuel temperature. If needed, descend and/or accelerate in order to maintain the fuel temperature at or above -43 °C.

If fuel additives are used, the inner/wing tank fuel temperature must not be less than -45 °C before takeoff and during the flight, instead of -30 °C before take off and -43 °C in flight.

Approved FSII (Fuel System Ice Inhibitors) additives are (in a concentration between 0.10% and 0.15% by volume):

- Diethylene Glycol Monomethyl Ether (DiEGME) conforming to MIL-DTL-85470.
- Russian additive "I" (Ethylene Glycol Monoethyl Ether)
- Russian additive "I-M"

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 24 - ELECTRICAL POWER 24-22 - AC Main Generation
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------

24-22-01A	AC Main Generation (IDG, GCU, Line Contactor)
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Ident.: MO-24-22-00008973.0077001 / 20 APR 20

1 Applicable to: LY-COB

FLIGHT PREPARATION/LIMITATIONS

Maximum landing capability is CAT 3 SINGLE.


APU fuel consumption with APU GEN pb-sw On:

FL	GND	200	250	300	335	390
KG/H	100	63	57	54	49	42
LB/H	220	139	126	119	108	93

Note: When the External Power is disconnected, the IFE is lost until the APU supplies the electrical network.

DURING COCKPIT PREPARATION

Check of the galley automatic load shed system:

- PAX SYS pb-sw  (in the VCC).....OFF
- Supply the electrical network from the APU or the external power.
- GALLEY pb-sw.....AUTO
- ELEC/GALLEY/GND/FLT/LOGIC (122VU S24) C/B.....Pull
- Check that a part of the operative galley equipment does not operate.
- ELEC/GALLEY/GND/FLT/LOGIC (122VU S24) C/B..... Push

Note: Disregard this procedure if main galleys are not connected.

BEFORE ENGINE START

- If the IDG 1(2) associated with the inoperative AC main generation 1(2) has been disconnected:

Check that the DISC message is displayed on the ELEC SD page.

CAUTION

For economical reason, the IDG should not operate for more than 50 flight hours in the disconnected mode.


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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 24 - ELECTRICAL POWER 24-22 - AC Main Generation
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------

Continued from the previous page

AFTER ENGINE START

Check that the electrical busses have power:

- APU MASTER SW pb-sw.....ON
- APU GEN pb-sw.....On
- GEN 1 pb-sw.....OFF
- GEN 2 pb-sw.....OFF
- On the ELEC SD page, check that all AC busses have power.
- GEN pb-sw (operative)..... On
- APU GEN pb-sw..... OFF
- On the ELEC SD page, check that all AC busses have power.
- APU GEN pb-sw.....On
- PAX SYS pb-sw  (in the VCC)..... ON

BEFORE TAKE-OFF

- If the IDG 1(2) associated with the inoperative AC main generation 1(2) has been disconnected:

Check on the FUEL SD page that the associated inner/wing tank fuel temperature is above -30 °C.

IN FLIGHT

- If the SMOKE/FUMES/AVNCS SMOKE QRH's procedure is applied
- If the GEN 1 is inoperative:

When the GEN 2 is set to OFF, the aircraft reverts to the ELEC EMER configuration.
Apply the ELEC EMER CONFIG procedure of the SMOKE/FUMES/AVNCS SMOKE QRH's procedure.

- If the IDG 1(2) associated with the inoperative AC main generation 1(2) has been disconnected:

Monitor the fuel temperature. If needed, descend and/or accelerate in order to maintain the fuel temperature at or above -43 °C.

If fuel additives are used, the inner/wing tank fuel temperature must not be less than -45 °C before takeoff and during the flight, instead of -30 °C before take off and -43 °C in flight.
Approved FSII (Fuel System Ice Inhibitors) additives are (in a concentration between 0.10% and 0.15% by volume):

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 24 - ELECTRICAL POWER 24-22 - AC Main Generation
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------

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- Diethylene Glycol Monomethyl Ether (DiEGME) conforming to MIL-DTL-85470.
- Russian additive "I" (Ethylene Glycol Monoethyl Ether)
- Russian additive "I-M"

24-22-01A	AC Main Generation (IDG, GCU, Line Contactor)
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Ident.: MO-24-22-00008973.0048001 / 15 FEB 18

Applicable to: LY-COD, LY-RAM

FLIGHT PREPARATION/LIMITATIONS

Maximum landing capability is CAT 3 SINGLE.


APU fuel consumption with APU GEN pb-sw On:

FL	GND	200	250	300	335	390
KG/H	100	63	57	54	49	42
LB/H	220	139	126	119	108	93

Note: When the External Power is disconnected, the IFE is lost until the APU supplies the electrical network.

DURING COCKPIT PREPARATION

Check of the galley automatic load shed system:

- PAX SYS pb-sw  (in the VCC)..... OFF
- Supply the electrical network from the APU or the external power.
- GALY & CAB pb-sw..... AUTO
- ELEC/GALY & CAB/GND/FLT/LOGIC (122VU S24) C/B..... Pull
- Check that a part of the operative galley equipment does not operate.
- ELEC/GALY & CAB/GND/FLT/LOGIC (122VU S24) C/B..... Push

Note: Disregard this procedure if main galleys are not connected.

BEFORE ENGINE START

- If the IDG 1(2) associated with the inoperative AC main generation 1(2) has been disconnected:

Check that the DISC message is displayed on the ELEC SD page.


CAUTION	For economical reason, the IDG should not operate for more than 50 flight hours in the disconnected mode.
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AFTER ENGINE START

Check that the electrical busses have power:

- APU MASTER SW pb-sw.....ON
- APU GEN pb-sw.....On
- GEN 1 pb-sw.....OFF
- GEN 2 pb-sw.....OFF
- On the ELEC SD page, check that all AC busses have power.
- GEN pb-sw (operative)..... On
- APU GEN pb-sw..... OFF
- On the ELEC SD page, check that all AC busses have power.
- APU GEN pb-sw.....On
- PAX SYS pb-sw  (in the VCC)..... ON

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 24 - ELECTRICAL POWER 24-23 - AC Auxiliary Generation
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24-23-01A 24-23-01B	AC Auxiliary Generation (APU Generator, GCU or GAPCU Auxiliary Power Control function, Line Contactor) (APU GEN pb-sw set to OFF)
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Ident.: MO-24-23-00021922.0001001 / 23 AUG 17

Applicable to: ALL

DURING PRELIMINARY COCKPIT PREPARATION

APU GEN pb-sw Off

No electrical power will be available from the APU generator.

AFTER LANDING, AT THE GATE

In absence of external electrical power ground equipment at destination, an engine opposite to the refueling point will need to be operated during refueling to ensure the continued availability of electrical power for engine starting.

Refer to FCOM/PRO-NOR-SUP-FUEL Refueling with One Engine Running.

24-23-01C	AC Auxiliary Generation (APU Generator, GCU or GAPCU Auxiliary Power Control function, Line Contactor) (AC auxiliary generation deactivated or removed)
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Ident.: MO-24-23-00021923.0001001 / 23 AUG 17

Applicable to: ALL

DURING PRELIMINARY COCKPIT PREPARATION

No electrical power will be available from the APU generator.

AFTER LANDING, AT THE GATE

In absence of external electrical power ground equipment at destination, an engine opposite to the refueling point will need to be operated during refueling to ensure the continued availability of electrical power for engine starting.

Refer to FCOM/PRO-NOR-SUP-FUEL Refueling with One Engine Running.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 24 - ELECTRICAL POWER 24-23 - AC Auxiliary Generation
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 24 - ELECTRICAL POWER 24-25 - AC Essential Generation Switching
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24-25-01A	Manual Transfer to the AC BUS 2 (ALTN Function)
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Ident.: MO-24-25-00008974.0001001 / 11 MAR 10

Applicable to: ALL

DURING PRELIMINARY COCKPIT PREPARATION

On the ELEC SD page, check that the AC BUS 1 supplies the AC ESS BUS.

24-25-02A	Automatic Transfer to the AC BUS 2
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Ident.: MO-24-25-00008976.0001001 / 11 MAR 10

Applicable to: ALL

DURING PRELIMINARY COCKPIT PREPARATION

On the ELEC SD page, check that the AC BUS 1 supplies the AC ESS BUS.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 24 - ELECTRICAL POWER 24-25 - AC Essential Generation Switching
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 24 - ELECTRICAL POWER 24-26 - Galley and Commercial Supply System
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24-26-02B	GALY & CAB Manual Load Shed System (GALY & CAB pb-sw)
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Ident.: MO-24-26-00008979.0002001 / 03 MAR 21
Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

ON GROUND OR IN FLIGHT

- If the **SMOKE / FUMES / AVNCS SMOKE** QRH procedure is applied, replace the action to set the **GALY & CAB pb-sw** to **OFF** by the following actions:
 - EMER EXIT LT selector As required
 - COMMERCIAL pb-swOFF

Note: When the **COMMERCIAL pb-sw** is set to **OFF**, the normal cabin lighting goes off.
Minimum cabin lighting is recovered when the **EMER EXIT LT selector** is set to **ON**.

24-26-03A	Commercial Supply System
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Ident.: MO-24-26-00008980.0001001 / 13 MAY 20
Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

ON GROUND OR IN FLIGHT

- If the **SMOKE / FUMES / AVNCS SMOKE** QRH procedure is applied, replace the action to set the **COMMERCIAL pb-sw** to **OFF** by the following actions:
 - BUS TIE pb..... OFF
 - GEN 2 pb-sw..... OFF

The F/O PFDU, the F/O NDU, and the ECAM lower display are lost.

- If the **smoke persists**:
 - GEN 2 pb-sw.....On
When the **GEN 2 pb-sw** is set to **on**, all the electrical busses are recovered but the **TR 2** remains inoperative
 - BUS TIE pb..... AUTO

Before the landing gear extension:

- GEN 2 pb-sw..... On
When the **GEN 2 pb-sw** is set to **on**, all the electrical busses are recovered but the **TR 2** remains inoperative
- BUS TIE pb.....AUTO

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 24 - ELECTRICAL POWER 24-26 - Galley and Commercial Supply System
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 24 - ELECTRICAL POWER 24-32 - DC Main Generation (TR 1, TR 2)
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24-32-01A	DC Main Generation (TR 1 inoperative)
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Ident.: MO-24-32-00008981.0001001 / 04 FEB 14

Applicable to: ALL

<u>FLIGHT PREPARATION/LIMITATIONS</u>
Maximum landing capability is CAT 3 SINGLE.
<u>DURING PRELIMINARY COCKPIT PREPARATION</u>
TR 1/CNTOR/SPLY (125VU CF01) C/B.....Pull
<i>On the <u>ELEC</u> SD page, disregard the indications related to the deactivated TR 1.</i>
On the <u>ELEC</u> SD page, check that the TR 2 and the ESS TR voltages are both equal to or above 27 V.
The batteries must be set to OFF for the following check: On the battery voltage indicator, check that the BAT 1 and the BAT 2 voltages are both equal to or above 25.5 V.

24-32-01B	DC Main Generation (TR 2 inoperative)
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Ident.: MO-24-32-00009495.0001001 / 12 MAY 14

Applicable to: ALL

<u>FLIGHT PREPARATION/LIMITATIONS</u>
Maximum landing capability is CAT 3 SINGLE.
<u>DURING PRELIMINARY COCKPIT PREPARATION</u>
TR 2/CNTOR/SPLY (124VU BC01) C/B..... Pull
<i>On the <u>ELEC</u> SD page, disregard the indications related to the deactivated TR 2.</i>
On the <u>ELEC</u> SD page, check that the TR 1and the ESS TR voltages are both equal to or above 27 V.
The batteries must be set to OFF for the following check: On the battery voltage indicator, check that the BAT 1 and the BAT 2 voltages are both equal to or above 25.5 V.
AC ESS FEED pb-sw.....ALTN

<u>IN FLIGHT</u>
<ul style="list-style-type: none"> ● In the case of failure of the AC BUS 2, all DUs are lost. In this case: AC ESS FEED pb-sw.....Norm
<ul style="list-style-type: none"> ● In the case of failure of the AC BUS 1: RAT MAN ON pb-sw (on HYD overhead panel)..... Set

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 24 - ELECTRICAL POWER 24-32 - DC Main Generation (TR 1, TR 2)
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 24 - ELECTRICAL POWER 24-38 - DC Battery Generation
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24-38-02A	Battery Charger Limiter (BCL)
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Ident.: MO-24-38-00008982.0001001 / 12 AUG 14

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

- Do not start the APU.
- Use a ground power unit to start the engines on ground.*

DURING PRELIMINARY COCKPIT PREPARATION

- **If BAT 1 is affected:**
BAT 1 pb-sw..... OFF
- **If BAT 2 is affected:**
BAT 2 pb-sw..... OFF

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 24 - ELECTRICAL POWER 24-38 - DC Battery Generation
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-07 - Indications on the DOOR/OXY SD page
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25-07-01A	Cabin Door Slide Permanently Indicated Armed on the <u>DOOR/OXY</u> SD page
------------------	----------------------------------------------------------------------------------------

Ident.: MO-25-07-00009021.0001001 / 05 APR 18

Applicable to: ALL

ON GROUND

Cabin crew must confirm before each flight that the associated slide is armed.

25-07-02A	Cabin Door Slide Permanently Indicated Not Armed on the <u>DOOR/OXY</u> SD page
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Ident.: MO-25-07-00009022.0001001 / 05 APR 18

Applicable to: ALL

ON GROUND

Cabin crew must confirm before each flight that the associated slide is armed.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-07 - Indications on the DOOR/OXY SD page
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-11 - Pilot Seats
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------

25-11-05A	Pilot Seat Electrical Adjustment
------------------	-----------------------------------------

Ident.: MO-25-11-00021905.0001001 / 23 AUG 17
Applicable to: ALL

- DURING COCKPIT PREPARATION**
- **If the CAPT seat is affected:**
COCKPIT SEATS/SEAT CTL/CAPT (122VU U11) C/B.....Pull
 - **If the F/O seat is affected:**
COCKPIT SEATS/SEAT CTL/F/O (122VU U14) C/B..... Pull

25-11-06A	Pilot Seat Shoulder Harness
------------------	------------------------------------

Ident.: MO-25-11-00008985.0001001 / 11 MAR 10
Applicable to: ALL

BEFORE TAKEOFF

The takeoff briefing should include the status of the affected seat and the position to be adopted by the F/O in the case of RTO.

To cope with any potential RTO:

The F/O must tightly fasten operative harness strap.

DURING FLIGHT

For any phase of flight in turbulence atmosphere:

The F/O must fasten the belts accordingly.

BEFORE LANDING

The landing briefing should include the status of the affected seat and the position to be adopted by the F/O in the case of high deceleration at landing.

To cope with any potential high deceleration at landing:

The F/O must tightly fasten operative harness straps.

25-11-07A	Pilot Seat Fifth Strap
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Ident.: MO-25-11-00008986.0001001 / 11 MAR 10
Applicable to: ALL

DURING FLIGHT

To cope with any potential turbulence situation:

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-11 - Pilot Seats
------------------------------------------------------	-----------------------------------------------------------------------------------------------

Continued from the previous page

The crewmember of the affected seat must tightly fasten the operative harness straps.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-12 - Third and Fourth Occupant Seats
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------

25-12-04A	Third Occupant Seat Fifth Strap
------------------	----------------------------------------

Ident.: MO-25-12-00008987.0001001 / 11 MAR 10

Applicable to: ALL

DURING FLIGHT

To cope with any potential turbulence situation:

The third occupant must tightly fasten the operative harness straps.

25-12-09A	Fourth Occupant Seat Fifth Strap
------------------	-----------------------------------------

Ident.: MO-25-12-00009015.0002001 / 11 MAR 10

Applicable to: LY-COB, LY-COD, LY-EMU

DURING FLIGHT

To cope with any potential turbulence situation:

The fourth occupant must tightly fasten the operative harness straps.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-12 - Third and Fourth Occupant Seats
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-20 - Cabin Seats
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------

25-20-02C	Passenger Seat Backrest (Affected seats considered inoperative)
------------------	------------------------------------------------------------------------

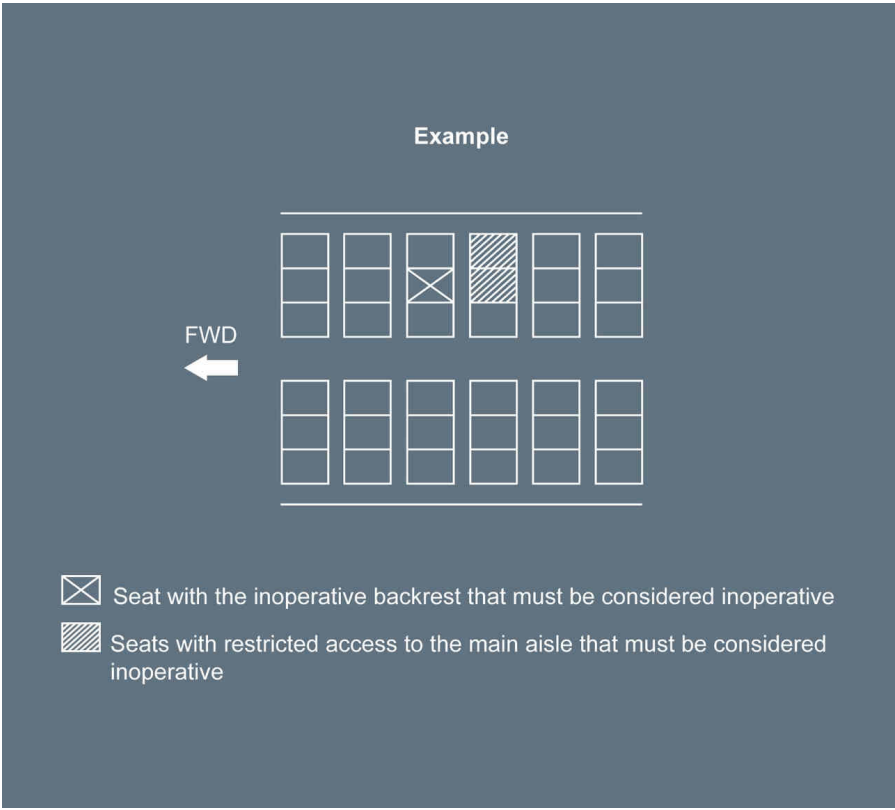
Ident.: MO-25-20-00021862.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION

Pre flight preparation required to ensure that:

- The seat with the inoperative backrest is placarded inoperative and not used, and
- The seats with restricted access to the main aisle due to the inoperative backrest are placarded inoperative and not used.



A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-20 - Cabin Seats
------------------------------------------------------	-----------------------------------------------------------------------------------------------

25-20-02D	Passenger Seat Backrest (Affected Cabin Door and Cabin Overwing Exit Considered Inoperative)
------------------	-----------------------------------------------------------------------------------------------------

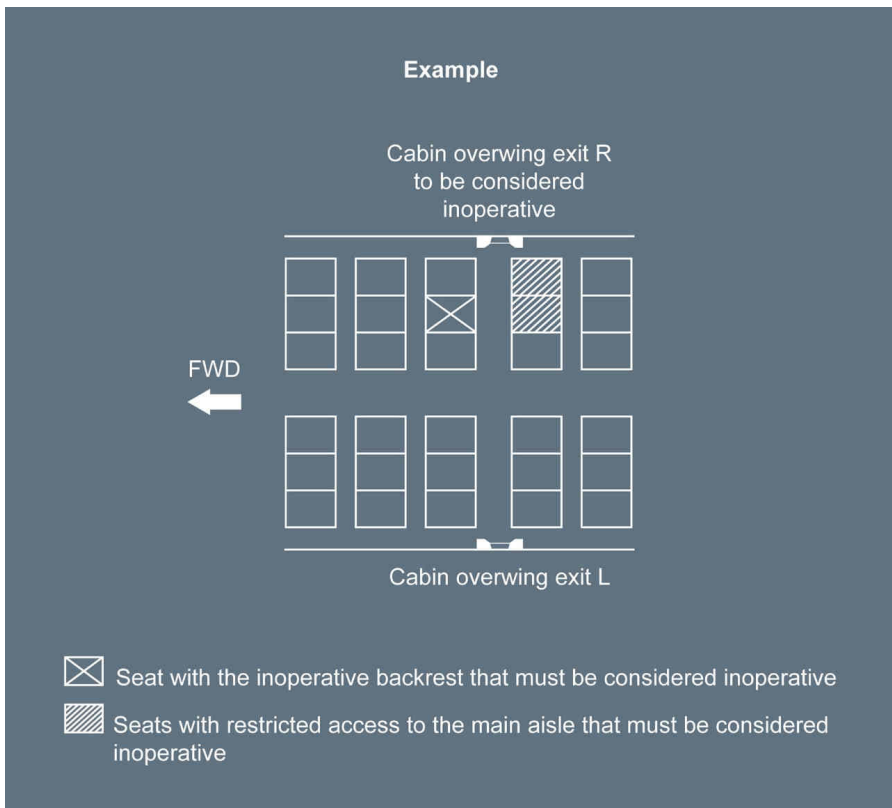
Ident.: MO-25-20-00021865.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION

Pre flight preparation required to ensure that:

- The seat with the inoperative backrest is placarded inoperative and not used, and
- The seats with restricted access to the main aisle due to the inoperative backrest are placarded inoperative and not used.



A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-20 - Cabin Seats
------------------------------------------------------	-----------------------------------------------------------------------------------------------

25-20-05A	Passenger Seat Armrest (Affected Armrest Inoperative in the Required Position for Taxi, Takeoff, and Landing)
------------------	----------------------------------------------------------------------------------------------------------------------

Ident.: MO-25-20-00023964.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION

The required position by default for Taxi, Takeoff and Landing is the horizontal position. The seats for which the armrest must be in a different position for Taxi, Takeoff and Landing are identified with a placard visible from the associated seat.

25-20-05B	Passenger Seat Armrest (Affected Seats Considered Inoperative)
------------------	-----------------------------------------------------------------------

Ident.: MO-25-20-00021866.0001001 / 13 MAY 20

Applicable to: ALL

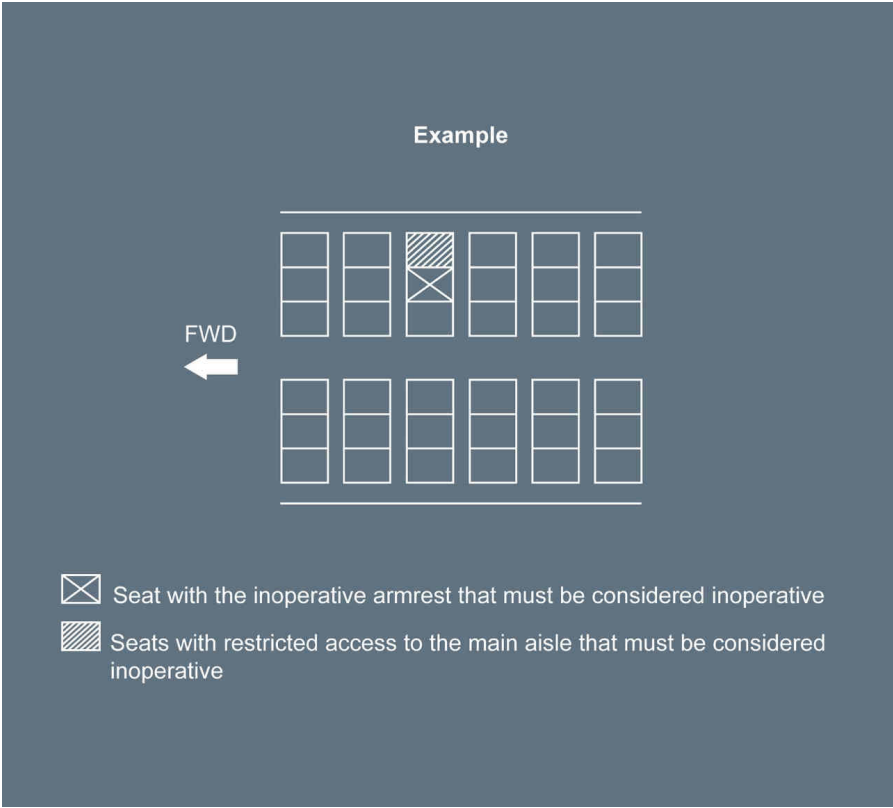
GENERAL INFORMATION

Pre flight preparation required to ensure that:

- The seat with the inoperative armrest is placarded inoperative and not used, and
- The seats with restricted access to the main aisle due to the inoperative armrest are placarded inoperative and not used.

Continued on the following page

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25-20-05C	Passenger Seat Armrest (Affected Cabin Overwing Exit Considered Inoperative)
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Ident.: MO-25-20-00021867.0001001 / 13 MAY 20
Applicable to: ALL

GENERAL INFORMATION

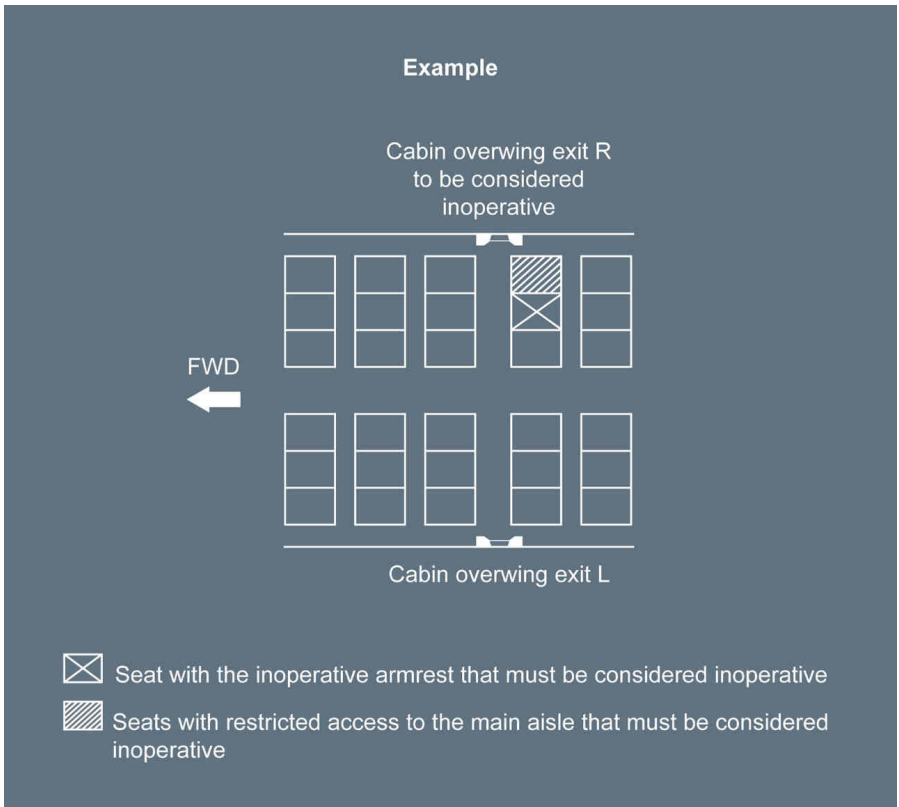
Pre flight preparation required to ensure that:

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-20 - Cabin Seats
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------

Continued from the previous page

- The seat with the inoperative armrest is placarded inoperative and not used, and
- The seats with restricted access to the main aisle due to the inoperative armrest are placarded inoperative and not used.



25-20-06A	Underseat Baggage Restraining Bar
------------------	------------------------------------------

Ident.: MO-25-20-00021868.0001001 / 13 MAY 20

Applicable to: ALL

Cabin crewmembers must be briefed to ensure about affected seats position.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-20 - Cabin Seats
------------------------------------------------------	-----------------------------------------------------------------------------------------------

25-20-07B	Passenger Seat Meal Table (Affected seats considered inoperative)
------------------	--------------------------------------------------------------------------

Ident.: MO-25-20-00022999.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION:

Before every flight, SCCM must be ensure that:

- The seat affected by the inoperative meal table is placarded inoperative and not used, and
- The seats with restricted access to the main aisle due to the inoperative meal table are placarded inoperative and not used.

Example

FWD

Meal table not stowed

Seat affected by the inoperative meal table that must be considered inoperative

Seats with restricted access to the main aisle that must be considered inoperative

G
FOR TRAINING PURPOSES ONLY

MO-25-20 P 6/10
13 MAY 20

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-20 - Cabin Seats
------------------------------------------------------	-----------------------------------------------------------------------------------------------

25-20-07C	Passenger Seat Meal Table (Affected Cabin Door and Cabin Overwing Exit Considered Inoperative)
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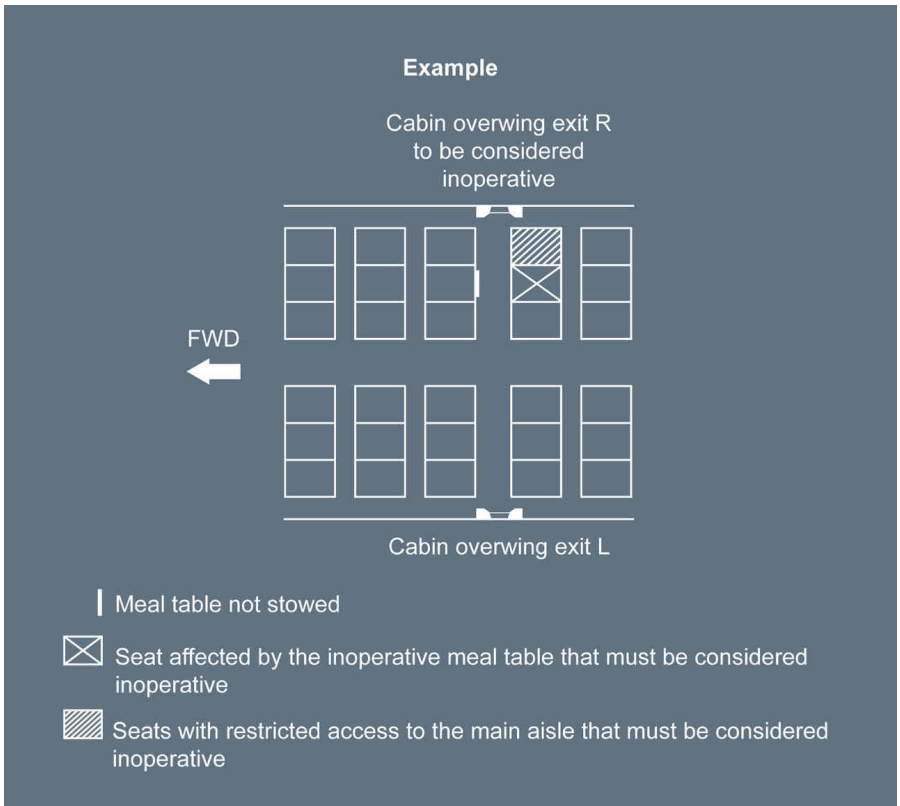
Ident.: MO-25-20-00023001.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION:

Before every flight, SCCM must ensure that:

- The seat affected by the inoperative meal table is placarded inoperative and not used, and
- The seats with restricted access to the main aisle due to the inoperative meal table are placarded inoperative and not used.



A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-20 - Cabin Seats
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------

25-20-09A	Non-Required Cabin Attendant Seat(s)
------------------	---------------------------------------------

Ident.: MO-25-20-00009017.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION

Cabin attendant assigned to inoperative seat occupies a passenger seat as close to, or closer than nearest seated passenger to associated exit. Passenger seat to be used by cabin attendant must be placarded "DO NOT USE" and appropriate flight attendant should be briefed by the captain.

CA5 - REAR CABIN ATTENDANT DOUBLE SEAT INBOARD NEAR DOOR 2R (IF INSTALLED) (NOT REQUIRED)

Cabin crew member occupies passenger seat last row aisle seat (C or D); Verbal communication is used with cabin crew member on rear cabin attendant centre seat; Direct view on the passengers is assured by the cabin crew member on passenger seat last row aisle seat (C or D).

CA6 - REAR CABIN ATTENDANT DOUBLE SEAT OUTBOARD NEAR DOOR 2R (IF INSTALLED) (NOT REQUIRED)

Cabin crew member occupies passenger seat last row aisle seat (C or D); Verbal communication is used with cabin crew member on rear cabin attendant centre seat; Direct view on the passengers is assured by the cabin crew member on passenger seat last row.

The displaced cabin attendant can reach assigned exit and emergency equipment in nearly the same time as from normally assigned seat.

25-20-09B 25-20-09C	Required Cabin Attendant Seat(s)
--------------------------------------	-----------------------------------------

Ident.: MO-25-20-00016377.0001001 / 13 MAY 20

Applicable to: ALL

THE FOLLOWING PROCEDURE MUST BE USED:MEL

CA1 - FORWARD CABIN ATTENDANT SEAT OUTBOARD (REQUIRED)

Senior Cabin Crew Member is displaced to the forward cabin attendant seat inboard; Displaced cabin crew member occupies seat 1C or 1D; Communication is performed by the Senior Cabin Crew Member by using the handset on the jumpseat;

CA3 - FORWARD CABIN ATTENDANT SEAT INBOARD (REQUIRED)

Cabin crew member occupies seat 1C or 1D; Verbal communication is used with the Senior Cabin Crew Member; Direct view on the passengers is assured by the Senior Cabin Crew Member.

CA2 - REAR CABIN ATTENDANT SINGLE SEAT NEAR DOOR 2L (REQUIRED)

Cabin crew member occupies aft right attendant seat if available; or Cabin crew member occupies passenger seat last row aisle seat (C or D); Verbal communication is used with cabin crew member on AFT cabin attendant centre seat; Direct view on the passengers is assured by

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-20 - Cabin Seats
------------------------------------------------------	-----------------------------------------------------------------------------------------------

Continued from the previous page

the cabin crew member on passenger seat last row aisle seat (C or D); or Direct view on the passengers is assured by other cabin crew members.

CA4 - REAR CABIN ATTENDANT AFT CENTRE SEAT (REQUIRED)

Cabin crew member rear cabin attendant double seat inboard if serviceable; or Cabin crew member occupies passenger seat last row aisle seat (C or D); Communication is performed by the Senior Cabin Crew Member by using the handset on the cabin attendant seat if serviceable; or Verbal communication is used with cabin crew member on rear cabin attendant single seat 2L.

GENERAL INFORMATION

The direct view of passenger cabin by flight attendants pertains to direct visual contact between the flight attendants and the passenger cabin. It is considered that at least 80 % of the total number of passenger seats installed, 50 % of the seats in each divided zone, should be visible to flight attendants.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-20 - Cabin Seats
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-35 - Galley Equipment
------------------------------------------------------	----------------------------------------------------------------------------------------------------

25-35-01A 25-35-01B	Galley Waste Compartment Flapper Door
--------------------------------------	----------------------------------------------

Ident.: MO-25-35-00009018.0001001 / 03 MAR 21

Applicable to: ALL

GENERAL INFORMATION

Inoperative access door / cover must be secured in a manner that will prevent waste from being deposited in the compartment.

SCCM must ensure that sufficient galley waste or waste trolley receptacles are available to accommodate all waste that may be generated on the flight.

25-35-02A 25-35-02B	Galley Waste Compartment Access Door
--------------------------------------	---------------------------------------------

Ident.: MO-25-35-00021066.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION

Inoperative access door / cover must be secured in a manner that will prevent waste from being deposited in the compartment.

SCCM must ensure that sufficient galley waste receptacles are available to accommodate all waste that may be generated on the flight.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-35 - Galley Equipment
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-40 - Lavatories
------------------------------------------------------	----------------------------------------------------------------------------------------------

25-40-01A	Toilet Waste Compartment Flapper Door
------------------	----------------------------------------------

Ident.: MO-25-40-00009019.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION

The inoperative access door / cover must be secured in a manner that will prevent waste from being deposited in the compartment.
SCCM must ensure that sufficient galley waste receptacles are available to accommodate all waste that may be generated on the flight.

25-40-04A	Toilet Waste Compartment Access Door
------------------	---------------------------------------------

Ident.: MO-25-40-00021075.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION

The inoperative access door / cover must be secured in a manner that will prevent waste from being deposited in the compartment.
SCCM must ensure that sufficient galley waste receptacles are available to accommodate all waste that may be generated on the flight.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-40 - Lavatories
------------------------------------------------------	----------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-62 - Cabin Escape Facilities
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------

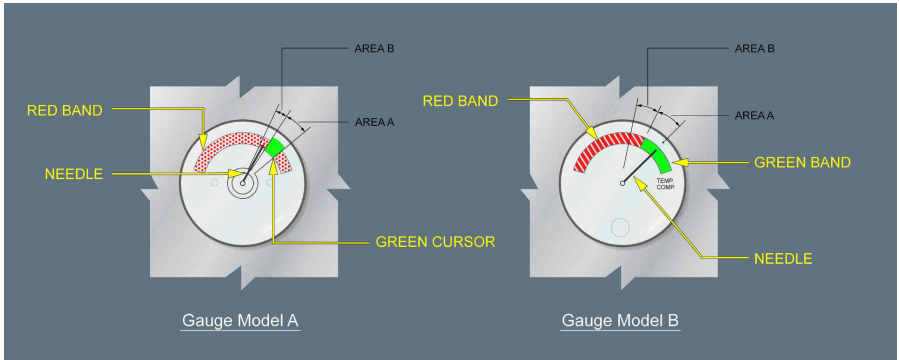
25-62-06A	Cabin Door CHECK SLIDE PRESSURE Message on the FAP
------------------	-----------------------------------------------------------

Ident.: MO-25-62-00023732.0004001 / 27 MAY 21

Applicable to: LY-COD, LY-RAM

BEFORE PASSENGER BOARDING

Check of the pressure of the slide bottle by direct reading on the gauge:



- If the pointer is located in the area A (for Gauge Model A) or in the green band (for Gauge Model B):

The slide bottle pressure is acceptable

- If the pointer is located in the area B (which is half the range of area A for Gauge Model A, or a range equal to area A for Gauge Model B), and

If the escape slide/raft pack assembly has been exposed to positive temperature changes (moving from a cold to a warm environment):

The slide bottle pressure is still acceptable but the maintenance must be notified and the slide bottle pressure must be checked before the next flight. Servicing must be envisaged at short notice.

- In all other cases:

Servicing is mandatory, or

The associated cabin door is considered inoperative. *Refer to Item 52-10-01A Cabin Door*

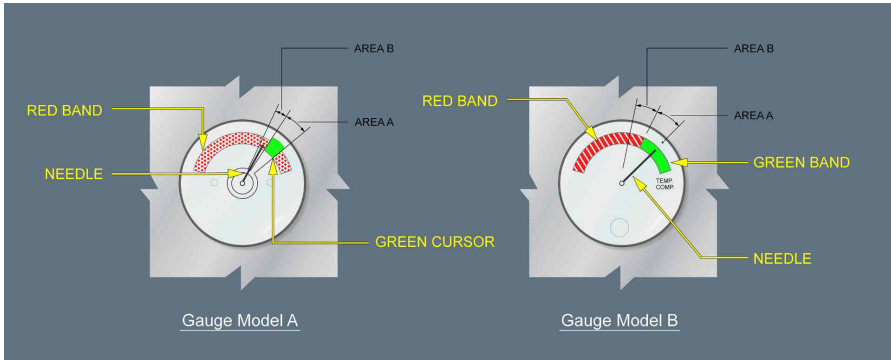
A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-62 - Cabin Escape Facilities
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------

25-62-06A	Cabin Door SLIDE PRESS LOW Message on the PTP STATUS Page
------------------	------------------------------------------------------------------

Ident.: MO-25-62-00023730.0001001 / 27 MAY 21
Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

BEFORE PASSENGER BOARDING

Check of the pressure of the slide bottle by direct reading on the gauge:



- If the pointer is located in the area A (for Gauge Model A) or in the green band (for Gauge Model B):

The slide bottle pressure is acceptable

- If the pointer is located in the area B (which is half the range of area A for Gauge Model A, or a range equal to area A for Gauge Model B), and

If the escape slide/raft pack assembly has been exposed to positive temperature changes (moving from a cold to a warm environment):

The slide bottle pressure is still acceptable but the maintenance must be notified and the slide bottle pressure must be checked before the next flight. Servicing must be envisaged at short notice.

- In all other cases:

Servicing is mandatory, or

The associated cabin door is considered inoperative. *Refer to Item 52-10-01A Cabin Door*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-63 - Evacuation Signaling Equipment
------------------------------------------------------	------------------------------------------------------------------------------------------------------------------

25-63-01A	Emergency Evacuation Signaling System (COMMAND pb-sw, HORN SHUT OFF pb, CAPT&PURS and CAPT sw)
------------------	-----------------------------------------------------------------------------------------------------------

Ident.: MO-25-63-00009020.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION

If necessary, the information will be given through the passenger address system or the cabin interphone system.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-63 - Evacuation Signaling Equipment
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-64 - First Aid Equipment
------------------------------------------------------	-------------------------------------------------------------------------------------------------------

25-64-01B	First Aid Kit
------------------	----------------------

Ident.: MO-25-64-00021772.0001001 / 21 NOV 17
Applicable to: ALL

FLIGHT PREPARATION

Depending on the number of passenger seats installed, the number of required First Aid Kits is as follows:

Number of passenger seats installed	Number of First Aid Kits required
0 to 100	1
101 to 200	2
201 to 300	3

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-64 - First Aid Equipment
------------------------------------------------------	-------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-65 - Emergency Equipment
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------

25-65-04A	Survival Emergency Locator Transmitter
------------------	-----------------------------------------------

Ident.: MO-25-65-00021773.0001001 / 03 MAR 21

Applicable to: ALL

GENERAL INFORMATION

Cabin crew members must be informed of the location of the removed / missing survival ELT.

25-65-07A	Megaphone
------------------	------------------

Ident.: MO-25-65-00022214.0001001 / 15 FEB 18

Applicable to: ALL

FLIGHT PREPARATION

Depending on the number of passenger seats installed, the number of required megaphones is as follows:

Number of passenger seats installed	Number of megaphones required
0 to 60	0
61 to 99	1
100 or more	2

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 25 - EQUIPMENT/FURNISHINGS 25-65 - Emergency Equipment
------------------------------------------------------	-------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 26 - FIRE PROTECTION 26-12 - Engine Fire and Overheat Detection
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------

26-12-01A	Engine Fire Detection Loop A on the Engine 1
------------------	-----------------------------------------------------

Ident.: MO-26-12-00015645.0001001 / 23 AUG 17

Applicable to: ALL

COCKPIT PREPARATION

The engine fire test is made before each flight.

Note: Disregard the FIRE light 1 located on the ENG MASTER panel (pedestal)

26-12-02A 26-12-03A	Engine Fire Detection Loop A on the Engine 2 or Loop B on the Engine 1
--------------------------------------	-----------------------------------------------------------------------------------------

Ident.: MO-26-12-00021873.0001001 / 23 AUG 17

Applicable to: ALL

COCKPIT PREPARATION

The engine fire test is made before each flight.

26-12-04A	Engine Fire Detection Loop B on the Engine 2
------------------	-----------------------------------------------------

Ident.: MO-26-12-00021874.0001001 / 23 AUG 17

Applicable to: ALL

COCKPIT PREPARATION

The engine fire test is made before each flight.

Note: Disregard the FIRE light 2 located on the ENG MASTER panel (pedestal)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 26 - FIRE PROTECTION 26-12 - Engine Fire and Overheat Detection
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------

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<p>A318/A319/A320/A321 MINIMUM EQUIPMENT LIST</p>	<p>MEL OPERATIONAL PROCEDURES 26 - FIRE PROTECTION 26-13 - APU Fire and Overheat Detection</p>
--------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------

26-13-01A 26-13-01B	APU Fire Detection Loop
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Ident.: MO-26-13-00015646.0001001 / 12 AUG 14

Applicable to: ALL

ON GROUND

The APU fire test is made before each APU start.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 26 - FIRE PROTECTION 26-13 - APU Fire and Overheat Detection
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 26 - FIRE PROTECTION 26-15 - Avionics Compartment Smoke Detection
------------------------------------------------------	------------------------------------------------------------------------------------------------------------------

26-15-01A	Avionics Smoke Detection System
------------------	----------------------------------------

Ident.: MO-26-15-00009025.0001001 / 03 MAY 17

Applicable to: ALL

ON GROUND OR IN FLIGHT

Disregard:

- on the VENTILATION overhead panel: the BLOWER pb-sw FAULT light and the EXTRACT pb-sw FAULT light
- on the EMER ELEC PWR overhead panel: the GEN 1 LINE pb-sw SMOKE light

IN FLIGHT

● In the case of an electrical smoke:

Apply the AVNCS SMOKE emergency procedure. *Refer to QRH/ABN-27 Smoke / Fumes / AVNCS Smoke - General.*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 26 - FIRE PROTECTION 26-15 - Avionics Compartment Smoke Detection
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 26 - FIRE PROTECTION 26-17 - Lavatory Smoke Detection
------------------------------------------------------	------------------------------------------------------------------------------------------------------

26-17-01A	Lavatory Smoke Detection System
------------------	----------------------------------------

Ident.: MO-26-17-00009028.0001001 / 03 MAR 21

Applicable to: ALL

GENERAL INFORMATION

The absence of smoke in the affected lavatory shall be checked after each passenger who leaves the lavatory.

Note: A periodic check of the lavatory every 15 minutes is recommended.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 26 - FIRE PROTECTION 26-17 - Lavatory Smoke Detection
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 26 - FIRE PROTECTION 26-18 - Auxiliary Areas Smoke Detection
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

Video Control Center Standalone Smoke Detection System

Ident.: MO-26-18-00020775.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION

During the flight, Cabin Crew Members must check every 30 minthe absence of smell of burning or smoke in the VCC, and the absence of failure message on the IFE control panel.

CAUTION	<ul style="list-style-type: none"> ● If cabin crew or passengers report anomalies like video/audio distribution problems: The VCC must be checked immediately to ensure that no smoke exists. ● If smell of burning or smoke is suspected, or if a failure message is displayed on the IFE control panel: The VCC must be set to off.
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 26 - FIRE PROTECTION 26-18 - Auxiliary Areas Smoke Detection
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 26 - FIRE PROTECTION 26-24 - Cabin Portable Fire Extinguisher
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------

26-24-01D	Cabin Portable Fire Extinguisher
------------------	-----------------------------------------

Ident.: MO-26-24-00021763.0001001 / 21 NOV 17

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

Depending on the number of passenger seats installed, the number of required cabin portable fire extinguisher is as follows:

Number of passenger seats installed	Number of cabin portable fire extinguishers required
7 to 30	1
31 to 60	2
61 to 200	3
201 to 300	4

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 26 - FIRE PROTECTION 26-24 - Cabin Portable Fire Extinguisher
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-07 - Indications on SD pages
------------------------------------------------------	-----------------------------------------------------------------------------------------------------

27-07-02A	Aileron Position Indication on the F/CTL SD page
------------------	---------------------------------------------------------

Ident.: MO-27-07-00009073.0001001 / 17 SEP 10

Applicable to: ALL

DURING COCKPIT PREPARATION

- Note: *If the Yellow Electric Pump is not available:*
- Pressurize the Yellow Hydraulic System with:
 - A Ground cart, or with
 - The Yellow Engine 2 Pump with the Engine 2 running.
 - Replace any action on the YELLOW ELEC PUMP pb-sw by a similar action on the Ground Cart or on the YELLOW ENG 2 PUMP pb-sw in the following procedure.

Check of the aileron control through the ELACs:

Put the aircraft in the test configuration:

- YELLOW ELEC PUMP pb-sw..... ON
- PTU pb-sw.....AUTO
- BLUE ELEC PUMP pb-sw..... AUTO
- BLUE PUMP OVRD pb..... ON
- ELAC 1 pb-sw..... On
- ELAC 2 pb-sw..... On

Check of the aileron control through the ELAC 1:

- Move the CAPT stick from right stop to left stop.
- Visually check the full travel of the ailerons.

CAUTION	If the expected aileron movement does not occur, do not attempt any reset. Contact the maintenance.
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Check of the aileron control through the ELAC 2:

- ELAC 1 pb-sw..... OFF
- Move the CAPT stick from right stop to left stop, then from forward stop to aft stop.
- Visually check the full travel of the ailerons.

CAUTION	If the expected aileron movement does not occur, do not attempt any reset. Contact the maintenance.
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Return to normal configuration:

Continued on the following page

Continued from the previous page

- YELLOW ELEC PUMP pb-sw..... Off
- BLUE PUMP OVRD pb-sw..... Off
- ELAC 1 pb-sw..... On

27-07-04A	Elevator Position Indication on the <u>F/CTL</u> SD page
-----------	----------------------------------------------------------

Ident.: MO-27-07-00009074.0001001 / 17 SEP 10

Applicable to: ALL

DURING COCKPIT PREPARATION

- Note: If the Yellow Electric Pump is not available:
- Pressurize the Yellow Hydraulic System with:
 - A Ground cart, or with
 - The Yellow Engine 2 Pump with the Engine 2 running.
 - Replace any action on the YELLOW ELEC PUMP pb-sw by a similar action on the Ground Cart or on the YELLOW ENG 2 PUMP pb-sw in the following procedure.

Check of the elevator control:

- YELLOW ELEC PUMP pb-sw..... ON
- PTU pb-sw.....AUTO
- BLUE ELEC PUMP pb-sw..... AUTO
- BLUE PUMP OVRD pb..... ON
- Establish communication with the ground crew.
- Move the CAPT or the F/O stick to the maximum nose down position.
- Visually check that both elevators move down.
- Move the CAPT or the F/O stick to the maximum nose up position.
- Visually check that both elevators move up.
- Move the CAPT or the F/O stick to the neutral position.
- Visually check that both elevators go back to the neutral position.
- YELLOW ELEC PUMP pb-sw..... Off
- BLUE PUMP OVRD pb-sw..... Off

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-07 - Indications on SD pages
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------

27-07-05A	Pitch Trim Position Indication on the F/CTL SD page
------------------	------------------------------------------------------------

Ident.: MO-27-07-00009075.0001001 / 17 SEP 10

Applicable to: ALL

DURING COCKPIT PREPARATION

- Note: *If the Yellow Electric Pump is not available:*
- *Pressurize the Yellow Hydraulic System with:*
 - *A Ground cart, or with*
 - *The Yellow Engine 2 Pump with the Engine 2 running.*
 - *Replace any action on the YELLOW ELEC PUMP pb-sw by a similar action on the Ground Cart or on the YELLOW ENG 2 PUMP pb-sw in the following procedure.*

Check of the stabilizer control:

- YELLOW ELEC PUMP pb-sw..... ON
- Establish communication with the ground crew.
- Move the pitch trim handwheel to the full DN position.
- Visually check that the stabilizer moves to the full down position.
- Move the pitch trim handwheel to the full UP position.
- Visually check that the stabilizer moves to the full up position.
- Move the pitch trim handwheel to the required position.
- YELLOW ELEC PUMP pb-sw..... Off

27-07-06A	Rudder Position Indication on the F/CTL SD page
------------------	--------------------------------------------------------

Ident.: MO-27-07-00009076.0001001 / 17 SEP 10

Applicable to: ALL

DURING COCKPIT PREPARATION

- Note: *If the Yellow Electric Pump is not available:*
- *Pressurize the Yellow Hydraulic System with:*
 - *A Ground cart, or with*
 - *The Yellow Engine 2 Pump with the Engine 2 running.*
 - *Replace any action on the YELLOW ELEC PUMP pb-sw by a similar action on the Ground Cart or on the YELLOW ENG 2 PUMP pb-sw in the following procedure.*

Continued on the following page

Continued from the previous page

Check of the rudder control:

- YELLOW ELEC PUMP pb-sw..... ON
- Establish communication with the ground crew.
- On the CAPT or the F/O side, apply left rudder.
- Visually check that the rudder moves to the left.
- On the CAPT or the F/O side, apply right rudder.
- Visually check that the rudder moves to the right.
- On the CAPT or the F/O side, release the pedals.
- Visually check that the rudder moves to the neutral position.
- YELLOW ELEC PUMP pb-sw..... Off

27-07-11A	Spoilers/Speedbrakes Indication on the F/CTL SD page
-----------	------------------------------------------------------

Ident.: MO-27-07-00009077.0001001 / 17 SEP 10

Applicable to: ALL

DURING COCKPIT PREPARATION

- Note: If the Yellow Electric Pump is not available:
- Pressurize the Yellow Hydraulic System with:
 - A Ground cart, or with
 - The Yellow Engine 2 Pump with the Engine 2 running.
 - Replace any action on the YELLOW ELEC PUMP pb-sw by a similar action on the Ground Cart or on the YELLOW ENG 2 PUMP pb-sw in the following procedure.

● If surface 1 indication is inoperative:

CAUTION	The aircraft must be stopped during the check.
----------------	------------------------------------------------

- YELLOW ELEC PUMP pb-sw..... ON
 - PTU pb-sw..... AUTO
 - SPEEDBRAKES lever..... FULL
 - Visually check that surface 1 slightly extends (approximately 6°).
 - YELLOW ELEC PUMP pb-sw..... Off
- If surface 3 indication is inoperative:
- BLUE ELEC PUMP pb-sw..... AUTO
 - BLUE PUMP OVRD pb-sw..... ON
 - Move the stick from left stop to right stop.
 - Visually check the correct movement of surface 3.
 - BLUE PUMP OVRD pb-sw..... Off

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-07 - Indications on SD pages
------------------------------------------------------	-----------------------------------------------------------------------------------------------------

Continued from the previous page

- **If surface 2, 4, or 5 indication is inoperative:**
 - YELLOW ELEC PUMP pb-sw.....ON
 - PTU pb-sw..... AUTO
 - Move the stick from left stop to right stop and visually check the correct movement of surfaces 2, 4 and 5.
 - YELLOW ELEC PUMP pb-sw..... Off

27-07-12A	Spoilers/Speedbrakes Indication on the <u>WHEEL</u> SD page
------------------	--------------------------------------------------------------------

Ident.: MO-27-07-00009078.0001001 / 17 SEP 10

Applicable to: ALL

DURING COCKPIT PREPARATION

- Note: *If the Yellow Electric Pump is not available:*
- *Pressurize the Yellow Hydraulic System with:*
 - *A Ground cart, or with*
 - *The Yellow Engine 2 Pump with the Engine 2 running.*
 - *Replace any action on the YELLOW ELEC PUMP pb-sw by a similar action on the Ground Cart or on the YELLOW ENG 2 PUMP pb-sw in the following procedure.*

- **If surface 1 indication is inoperative:**

CAUTION	The aircraft must be stopped during the check.
----------------	------------------------------------------------

- YELLOW ELEC PUMP pb-sw.....ON
 - PTU pb-sw..... AUTO
 - SPEEDBRAKES lever.....FULL
 - Visually check that surface 1 slightly extends (approximately 6°).
 - YELLOW ELEC PUMP pb-sw..... Off
- **If surface 3 indication is inoperative:**
 - BLUE ELEC PUMP pb-sw.....AUTO
 - BLUE PUMP OVRD pb-sw..... ON
 - Move the stick from left stop to right stop.
 - Visually check the correct movement of surface 3.
 - BLUE PUMP OVRD pb-sw.....Off

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL OPERATIONAL PROCEDURES</div> <div>27 - FLIGHT CONTROLS</div> <div>27-07 - Indications on SD pages</div>
------------------------------------------------------	------------------------------------------------------------------------------------------------------------------

Continued from the previous page

- If surface 2, 4, or 5 indication is inoperative:
 - YELLOW ELEC PUMP pb-sw.....ON
 - PTU pb-sw..... AUTO
 - Move the stick from left stop to right stop and visually check the correct movement of surfaces 2, 4 and 5.
 - YELLOW ELEC PUMP pb-sw..... Off

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-14 - Aileron and Hydraulic Actuation
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

27-14-01A	Left Aileron Blue Servo-Control (Controlled by ELAC 1)
------------------	---------------------------------------------------------------

Ident.: MO-27-14-00009029.0001001 / 11 MAR 10

Applicable to: ALL

DURING COCKPIT PREPARATION

Check that DC TIE contactor 1 is closed:

- Supply the electrical network from the APU or the external power.
- On the ELEC SD page, check the link between the DC BUS 1 and the DC BAT BUS.

27-14-03A	Right Aileron Green Servo-Control (Controlled by ELAC 1)
------------------	-----------------------------------------------------------------

Ident.: MO-27-14-00009030.0001001 / 11 MAR 10

Applicable to: ALL

DURING COCKPIT PREPARATION

Check that DC TIE contactor 1 is closed:

- Supply the electrical network from the APU or the external power.
- On the ELEC SD page, check the link between the DC BUS 1 and the DC BAT BUS.

27-14-04A	Right Aileron Blue Servo-Control (Controlled by ELAC 2)
------------------	----------------------------------------------------------------

Ident.: MO-27-14-00020452.0001001 / 22 NOV 16

Applicable to: ALL

DURING ENGINE START

- The F/CTL ELAC2 FAULT alert may be/is displayed on the EWD after the first engine start.
- Check that the F/CTL ELAC2 FAULT alert disappear after the second engine start.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-14 - Aileron and Hydraulic Actuation
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-21 - Rudder Mechanical Control
------------------------------------------------------	-------------------------------------------------------------------------------------------------------

27-21-01A	Rudder Pedal Adjustment System
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Ident.: MO-27-21-00009040.0001001 / 20 MAR 10

Applicable to: ALL

DURING COCKPIT PREPARATION

Simultaneously apply loads on both pedals (in rudder control movement direction) to make sure that the secured position is reached. For that purpose, the effort shall be equivalent to a full rudder deflection.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-21 - Rudder Mechanical Control
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-22 - Rudder Trim Actuation
------------------------------------------------------	---------------------------------------------------------------------------------------------------

27-22-01A 27-22-01B	Rudder Trim System
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Ident.: MO-27-22-00009043.0001001 / 11 MAR 10
Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

Maximum landing capability is CAT 3 SINGLE.

27-22-03A	Rudder Trim Position Indication on the Center Pedestal
------------------	---------------------------------------------------------------

Ident.: MO-27-22-00017455.0001001 / 04 NOV 15
Applicable to: ALL

DURING COCKPIT PREPARATION

RUD TRIM position indication..... CHECK CENTERED
● If the RUD TRIM position indication is not centered:
RESET pb..... PRESS

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-22 - Rudder Trim Actuation
------------------------------------------------------	---------------------------------------------------------------------------------------------------

Intentionally left blank

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-51 - Flaps Electrical Control and Monitoring
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------

27-51-01A	SFCC Flap Channel
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Ident.: MO-27-51-00009044.0001001 / 22 NOV 16

Applicable to: ALL

GENERAL INFORMATION

ENG 2 APPR IDLE ONLY message is displayed on the STATUS SD page.

FLAPS SLOW message is displayed on the STATUS SD page.

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

DURING COCKPIT PREPARATION

Disregard and clear the F/CTL FLAP SYS 2 FAULT alert displayed on the EWD.

27-51-02A	Flap Wing Tip Brakes Solenoid
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Ident.: MO-27-51-00020759.0001001 / 22 NOV 16

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-51 - Flaps Electrical Control and Monitoring
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-64 - Spoiler Hydraulic Actuation
------------------------------------------------------	---------------------------------------------------------------------------------------------------------

27-64-01A	Spoiler 5
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Ident.: MO-27-64-00009046.0001001 / 12 MAR 10

Applicable to: ALL

AFTER ENGINE START

On the HYD SD page, check the absence of amber data.

Note: No performance penalty applies when the pair of spoilers 5 is inoperative.

27-64-02A	Spoiler 1 or 3
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Ident.: MO-27-64-00009048.0011001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

FLIGHT PREPARATION/LIMITATIONS

The following penalties may be used for takeoff and landing performance determination if no takeoff and landing data (predetermined by using OCTOPUS program or other equivalent program with present failure case) is available.

Takeoff performance computation:

WARNING Do not use this method for takeoff on wet or contaminated runways.

Determine the Maximum Takeoff Weight and associated speeds in normal conditions on dry runway.

Decrease the Maximum Takeoff Weight by 800 kg (1 770 lb).

Decrease V1, VR, and V2 by 1 kt.

- **If the actual TOW is lower than the MTOW calculated using above method:**

The speeds determined without failure and associated with the actual TOW may be retained provided they are all lower than the speeds calculated using above method.

Check that the corrected V1 is equal to or above the minimum V1 value shown on the RTOW chart (due to VMCG limitation).

- **If the corrected V1 is lower than the minimum V1:**

Take this last value as V1

Further decrease the weight by 3 000 kg (6 600 lb) per kt difference between both values.

Check that the corrected VR is equal to or above the minimum VR value shown on the RTOW chart (due to VMCA limitation).

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-64 - Spoiler Hydraulic Actuation
-------------------------------------------------------------	---------------------------------------------------------------------------------------------------------

Continued from the previous page

● **If the corrected VR is lower than the minimum VR:**

Takeoff is not possible using this method.

Check that the corrected V2 is equal to or above the minimum V2 value shown on the RTOW chart (due to VMCA limitation).

● **If the corrected V2 is lower than the minimum V2:**

Takeoff is not possible using this method.

Check that the corrected V2 is equal to or above the minimum V2 due to VMU limitation.
(Refer to FCOM/NON-EFB-PER-TOF-TOD-25-20 MINIMUM V2 LIMITED BY VMU/VMCA (KT IAS))

● **If the corrected V2 is lower than the minimum V2:**

Takeoff is not possible using this method.

Landing performance computation:

Multiply the landing distances by 1.10.

AFTER ENGINE START

On the HYD SD page, check the absence of amber data.

FOR TAKEOFF

● **If the above method was used for takeoff performance determination:**

Perform the takeoff using full thrust (TOGA).

27-64-02A	Spoiler 1 or 3
------------------	-----------------------

Ident.: MO-27-64-00009048.0013001 / 18 JUL 12

! **Applicable to:** LY-COB, LY-ELK, LY-EMU, LY-OWL

FLIGHT PREPARATION/LIMITATIONS

The following penalties may be used for takeoff and landing performance determination if no takeoff and landing data (predetermined by using OCTOPUS program or other equivalent program with present failure case) is available.

Takeoff performance computation:

WARNING Do not use this method for takeoff on wet or contaminated runways.

Determine the Maximum Takeoff Weight and associated speeds in normal conditions on dry runway.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-64 - Spoiler Hydraulic Actuation
------------------------------------------------------	---------------------------------------------------------------------------------------------------------

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Decrease the Maximum Takeoff Weight by 800 kg (1 770 lb).

Decrease V1 by 1 kt. Keep VR and V2 unchanged.

● **If the actual TOW is lower than the MTOW calculated using above method:**

The speeds determined without failure and associated with the actual TOW may be retained provided they are all lower than the speeds calculated using above method.

Check that the corrected V1 is equal to or above the minimum V1 value shown on the RTOW chart (due to VMCG limitation).

● **If the corrected V1 is lower than the minimum V1:**

Take this last value as V1

Further decrease the weight by 3 000 kg (6 600 lb) per kt difference between both values.

Landing performance computation:

Multiply the landing distances by 1.05.

AFTER ENGINE START

On the HYD SD page, check the absence of amber data.

FOR TAKEOFF

● **If the above method was used for takeoff performance determination:**

Perform the takeoff using full thrust (TOGA).

27-64-03A	Spoiler 2 or 4
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Ident.: MO-27-64-00009051.0001001 / 28 JUN 11

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For performance penalties, *Refer to OpsProc 27-64-02A Spoiler 1 or 3*

AFTER ENGINE START

On the HYD SD page, check the absence of amber data.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-64 - Spoiler Hydraulic Actuation
-------------------------------------------------------------	---------------------------------------------------------------------------------------------------------

27-64-04A	Spoilers 1 and 2
-----------	------------------

Ident.: MO-27-64-00009055.0018001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

FLIGHT PREPARATION/LIMITATIONS

The following penalties may be used for takeoff and landing performance determination if no takeoff and landing data (predetermined by using OCTOPUS program or other equivalent program with present failure case) is available.

Takeoff performance computation:

The method explained hereafter allows the determination of the MTOW and associated speeds (V1, VR, V2), by applying decrements on the MTOW and associated speeds computed in normal conditions (i.e. all systems operative). The method is based on the use of RTOW charts established at optimum V2/VS, optimum V1/VR, minimum V1.

WARNING	<ul style="list-style-type: none"> - Do not use this method with takeoff charts computed with other conditions. - Do not use this method for takeoff with tailwind. - Do not use this method for takeoff on wet or contaminated runways.
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How to proceed ?

- Read, in 0 kt wind column of the takeoff chart computed in normal condition, the MTOW and associated speeds (V1, VR, V2) corresponding to the actual temperature, even in the case of headwind (the method does not take into account the headwind benefit on takeoff performance).
- Apply the QNH and/or bleed corrections, if any, to determine the MTOW.
- Enter the following table to determine the MTOW and speed decrements.
- Applying these decrements, calculate the MTOW and associated speeds corresponding to the actual temperature.

CAUTION	Do not extrapolate below the shortest runway length provided by the table.
----------------	----------------------------------------------------------------------------

DECREMENTS (ΔW, ΔV1, ΔVR, ΔV2) WHEN TWO PAIRS OF SPOILERS ARE INOPERATIVE												
RUNWAY LENGTH (m)	CONFIGURATION											
	1+F				2				3			
	ΔW (kg/lb)	ΔV1 (kt)	ΔVR (kt)	ΔV2 (kt)	ΔW (kg/lb)	ΔV1 (kt)	ΔVR (kt)	ΔV2 (kt)	ΔW (kg/lb)	ΔV1 (kt)	ΔVR (kt)	ΔV2 (kt)
1 500	1 400/3 000	3	1	1	800/1 700	3	2	2	1 400/3 000	4	3	3
2 000	1 000/2 200	3	2	2	800/1 700	3	2	2	1 400/3 000	4	3	3
2 500	600/1 300	2	1	1	800/1 700	3	2	2	1 000/2 200	3	2	2
3 000	1 000/2 200	4	3	3	800/1 700	4	3	3	800/1 700	4	3	3

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-64 - Spoiler Hydraulic Actuation
------------------------------------------------------	---------------------------------------------------------------------------------------------------------

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DECREMENTS (ΔW , $\Delta V1$, ΔVR , $\Delta V2$) WHEN TWO PAIRS OF SPOILERS ARE INOPERATIVE												
RUNWAY LENGTH (m)	CONFIGURATION											
	1+F				2				3			
	ΔW (kg/lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)	ΔW (kg/lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)	ΔW (kg/lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)
3 500	800/1 700	5	3	3	600/1 300	5	3	3	600/1 300	6	5	5
4 000 and above	1 600/3 500	4	4	4	1 400/3 000	3	4	4	400/800	4	3	3

● **If the actual TOW is lower than the MTOW calculated using above method:**

The speeds determined without failure and associated with the actual TOW may be retained provided that they are all lower than the speeds calculated using above method.

Check that the corrected V1 is equal to or above the minimum V1 value shown on the RTOW chart (due to VMCG limitation).

● **If the corrected V1 is lower than the minimum V1:**

Take this last value as V1.

Further decrease the weight by 3 000 kg (6 600 lb) per kt difference between both values.

Check that the corrected VR is equal to or above the minimum VR value shown on the RTOW chart (due to VMCA limitation).

● **If the corrected VR is lower than the minimum VR:**

Takeoff cannot be performed using this method.

Check that the corrected V2 is equal to or above the minimum V2 value shown on the RTOW chart (due to VMCA limitation).

● **If the corrected V2 is lower than the minimum V2:**

Takeoff cannot be performed using this method.

Check that the corrected V2 is equal to or above the minimum V2 due to VMU limitation (*Refer to FCOM/NON-EFB-PER-TOF-TOD-25-20 MINIMUM V2 LIMITED BY VMU/VMCA (KT IAS)*).

● **If the corrected V2 is lower than the minimum V2:**

Takeoff cannot be performed using this method.

Landing performance computation:

Multiply the landing distances by 1.15.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-64 - Spoiler Hydraulic Actuation
------------------------------------------------------	---------------------------------------------------------------------------------------------------------

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DURING COCKPIT PREPARATION

- SEC 3 pb-swOFF
- FLIGHT CONTROLS/SEC3/SPLY (121VU Q19) C/B Pull

TAKEOFF

● **If the above method was used for takeoff performance computation:**

Perform the takeoff using full thrust (TOGA).

IN FLIGHT

● **In the case of further failure of SEC 1 and SEC 2:**

- Autoland is not permitted.
- Disengage the AP at 500 ft RA before landing in direct law. As soon as the AP is disengaged when the three SECs are failed, it cannot be engaged again.
- Maximum landing capability is CAT 1

27-64-04A	Spoilers 1 and 2
------------------	-------------------------

Ident.: MO-27-64-00009055.0024001 / 18 JUL 12

Applicable to: LY-COB, LY-ELK, LY-OWL

FLIGHT PREPARATION/LIMITATIONS

The following penalties may be used for takeoff and landing performance determination if no takeoff and landing data (predetermined by using OCTOPUS program or other equivalent program with present failure case) is available.

Takeoff performance computation:

The method explained hereafter allows the determination of the MTOW and associated speeds (V1, VR, V2), by applying decrements on the MTOW and associated speeds computed in normal conditions (i.e. all systems operative). The method is based on the use of RTOW charts established at optimum V2/VS, optimum V1/VR, minimum V1.

- | | |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WARNING | <ul style="list-style-type: none"> - Do not use this method with takeoff charts computed with other conditions. - Do not use this method for takeoff with tailwind. - Do not use this method for takeoff on wet or contaminated runways. |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-64 - Spoiler Hydraulic Actuation
-------------------------------------------------------------	---------------------------------------------------------------------------------------------------------

Continued from the previous page

How to proceed ?

- Read, in 0 kt wind column of the takeoff chart computed in normal condition, the MTOW and associated speeds (V1, VR, V2) corresponding to the actual temperature, even in the case of headwind (the method does not take into account the headwind benefit on takeoff performance).
- Apply the QNH and/or bleed corrections, if any, to determine the MTOW.
- Enter the following table to determine the MTOW and speed decrements.
- Applying these decrements, calculate the MTOW and associated speeds corresponding to the actual temperature.

CAUTION Do not extrapolate below the shortest runway length provided by the table.

DECREMENTS (ΔW , $\Delta V1$, ΔVR , $\Delta V2$) WHEN TWO PAIRS OF SPOILERS ARE INOPERATIVE												
RUNWAY LENGTH (m)	CONFIGURATION											
	1+F				2				3			
	ΔW (kg/lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)	ΔW (kg/lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)	ΔW (kg/lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)
1 500	1 400/3 100	3	1	1	1 600/3 600	3	1	1	1 400/3 100	3	1	1
2 000	1 600/3 600	3	1	1	1 400/3 100	1	0	0	1 200/2 700	1	0	0
2 500	1 600/3 600	3	1	1	1 600/3 600	3	1	1	2 000/4 500	3	1	1
3 000	1 600/3 600	3	1	1	1 800/4 000	3	2	2	1 200/2 700	4	3	3
3 500	1 200/2 700	3	1	1	1 200/2 700	4	3	3	1 400/3 100	6	4	4
4 000 and above	1 400/3 100	3	1	1	1 200/2 700	4	3	3	1 000/2 300	5	3	3

● **If the actual TOW is lower than the MTOW calculated using above method:**

The speeds determined without failure and associated with the actual TOW may be retained provided that they are all lower than the speeds calculated using above method.

Check that the corrected V1 is equal to or above the minimum V1 value shown on the RTOW chart (due to VMCG limitation).

● **If the corrected V1 is lower than the minimum V1:**

Take this last value as V1.

Further decrease the weight by 3 000 kg (6 600 lb) per kt difference between both values.

Check that the corrected VR is equal to or above the minimum VR value shown on the RTOW chart (due to VMCA limitation).

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-64 - Spoiler Hydraulic Actuation
------------------------------------------------------	---------------------------------------------------------------------------------------------------------

Continued from the previous page

● **If the corrected VR is lower than the minimum VR:**

Takeoff cannot be performed using this method.

Check that the corrected V2 is equal to or above the minimum V2 value shown on the RTOW chart (due to VMCA limitation).

● **If the corrected V2 is lower than the minimum V2:**

Takeoff cannot be performed using this method.

Check that the corrected V2 is equal to or above the minimum V2 due to VMU limitation (*Refer to FCOM/PER-TOF-TOD-25-20 MINIMUM V2 LIMITED BY VMU/VMCA (KT IAS)*).

● **If the corrected V2 is lower than the minimum V2:**

Takeoff cannot be performed using this method.

Landing performance computation:

Multiply the landing distances by 1.10.

DURING COCKPIT PREPARATION

- SEC 3 pb-swOFF
- FLIGHT CONTROLS/SEC3/SPLY (121VU Q19) C/B Pull

TAKEOFF

● **If the above method was used for takeoff performance computation:**

Perform the takeoff using full thrust (TOGA).

IN FLIGHT

● **In the case of further failure of SEC 1 and SEC 2:**

- Autoland is not permitted.
- Disengage the AP at 500 ft RA before landing in direct law. As soon as the AP is disengaged when the three SECs are failed, it cannot be engaged again.
- Maximum landing capability is CAT 1

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-64 - Spoiler Hydraulic Actuation
------------------------------------------------------	---------------------------------------------------------------------------------------------------------

27-64-04A	Spoilers 1 and 2
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Ident.: MO-27-64-00009055.0084001 / 18 JUL 12

Applicable to: LY-EMU

FLIGHT PREPARATION/LIMITATIONS

The following penalties may be used for takeoff and landing performance determination if no takeoff and landing data (predetermined by using OCTOPUS program or other equivalent program with present failure case) is available.

Takeoff performance computation:

The method explained hereafter allows the determination of the MTOW and associated speeds (V1, VR, V2), by applying decrements on the MTOW and associated speeds computed in normal conditions (i.e. all systems operative). The method is based on the use of RTOW charts established at optimum V2/VS, optimum V1/VR, minimum V1.

- | | |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WARNING | <ul style="list-style-type: none"> - Do not use this method with takeoff charts computed with other conditions. - Do not use this method for takeoff with tailwind. - Do not use this method for takeoff on wet or contaminated runways. |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

How to proceed ?

- Read, in 0 kt wind column of the takeoff chart computed in normal condition, the MTOW and associated speeds (V1, VR, V2) corresponding to the actual temperature, even in the case of headwind (the method does not take into account the headwind benefit on takeoff performance).
- Apply the QNH and/or bleed corrections, if any, to determine the MTOW.
- Enter the following table to determine the MTOW and speed decrements.
- Applying these decrements, calculate the MTOW and associated speeds corresponding to the actual temperature.

CAUTION	Do not extrapolate below the shortest runway length provided by the table.
----------------	----------------------------------------------------------------------------

DECREMENTS (ΔW , $\Delta V1$, ΔVR , $\Delta V2$) WHEN TWO PAIRS OF SPOILERS ARE INOPERATIVE												
RUNWAY LENGTH (m)	CONFIGURATION											
	1+F				2				3			
	ΔW (kg/lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)	ΔW (kg/lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)	ΔW (kg/lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)
1 500	1 500/3 300	3	1	1	1 500/3 300	3	1	1	1 400/3 000	2	1	1
2 000	1 400/3 000	1	0	0	1 200/2 600	1	0	0	1 700/3 700	1	0	0
2 500	1 600/3 500	1	0	0	1 800/3 900	4	3	3	1 300/2 800	4	2	2
3 000	1 600/3 500	3	1	1	4 500/10 100	10	13	13	1 400/3 000	4	3	3

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL OPERATIONAL PROCEDURES</div> <div>27 - FLIGHT CONTROLS</div> <div>27-64 - Spoiler Hydraulic Actuation</div>
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------

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DECREMENTS (ΔW, ΔV1, ΔVR, ΔV2) WHEN TWO PAIRS OF SPOILERS ARE INOPERATIVE												
RUNWAY LENGTH (m)	CONFIGURATION											
	1+F				2				3			
	ΔW (kg/lb)	ΔV1 (kt)	ΔVR (kt)	ΔV2 (kt)	ΔW (kg/lb)	ΔV1 (kt)	ΔVR (kt)	ΔV2 (kt)	ΔW (kg/lb)	ΔV1 (kt)	ΔVR (kt)	ΔV2 (kt)
3 500	1 400/3 000	3	1	1	3 700/8 100	12	10	10	1 400/3 000	5	3	3
4 000 and above	1 000/2 200	3	1	1	1 200/2 600	4	3	3	1 100/2 400	5	3	3

- **If the actual TOW is lower than the MTOW calculated using above method:**
The speeds determined without failure and associated with the actual TOW may be retained provided that they are all lower than the speeds calculated using above method.

Check that the corrected V1 is equal to or above the minimum V1 value shown on the RTOW chart (due to VMCG limitation).

- **If the corrected V1 is lower than the minimum V1:**
Take this last value as V1.

Further decrease the weight by 3 000 kg (6 600 lb) per kt difference between both values.

Check that the corrected VR is equal to or above the minimum VR value shown on the RTOW chart (due to VMCA limitation).

- **If the corrected VR is lower than the minimum VR:**
Takeoff cannot be performed using this method.

Check that the corrected V2 is equal to or above the minimum V2 value shown on the RTOW chart (due to VMCA limitation).

- **If the corrected V2 is lower than the minimum V2:**
Takeoff cannot be performed using this method.

Check that the corrected V2 is equal to or above the minimum V2 due to VMU limitation (*Refer to FCOM/PER-TOF-TOD-25-20 MINIMUM V2 LIMITED BY VMU/VMCA (KT IAS)*).

- **If the corrected V2 is lower than the minimum V2:**
Takeoff cannot be performed using this method.

Landing performance computation:

Multiply the landing distances by 1.10.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-64 - Spoiler Hydraulic Actuation
------------------------------------------------------	---------------------------------------------------------------------------------------------------------

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DURING COCKPIT PREPARATION

- SEC 3 pb-swOFF
- FLIGHT CONTROLS/SEC3/SPLY (121VU Q19) C/B Pull

TAKEOFF

- **If the above method was used for takeoff performance computation:**
Perform the takeoff using full thrust (TOGA).

IN FLIGHT

- **In the case of further failure of SEC 1 and SEC 2:**
 - Autoland is not permitted.
 - Disengage the AP at 500 ft RA before landing in direct law. As soon as the AP is disengaged when the three SECs are failed, it cannot be engaged again.
 - Maximum landing capability is CAT 1

27-64-05A	Spoilers 3 and 4
Ident.: MO-27-64-00009058.0001001 / 28 JUN 11 Applicable to: ALL	

FLIGHT PREPARATION/LIMITATIONS

For performance penalties *Refer to OpsProc 27-64-04A Spoilers 1 and 2*

DURING COCKPIT PREPARATION

Check that the DC TIE contactor 1 is closed:

- Supply the electrical network from the APU or the external power.
- On the ELEC SD page, check the link between the DC BUS 1 and the DC BAT BUS.

IN FLIGHT

Do not use the speedbrakes.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-64 - Spoiler Hydraulic Actuation
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-81 - Slats Electrical Control and Monitoring
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27-81-01A	SFCC Slat Channel
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Ident.: MO-27-81-00009045.0001001 / 27 MAY 21

Applicable to: ALL

GENERAL INFORMATION

SLATS SLOW message is displayed on the STATUS SD page.

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

DURING COCKPIT PREPARATION

Disregard and clear the **F/CTL SLAT SYS 2 FAULT** alert displayed on the EWD.

FOR TAKEOFF

Takeoff in CONF 1+F is not permitted.

***Note:** When the SFCC 2 Slat channel is deactivated, and if the aircraft is in CONF 1+F, the SFCS 2 Flap channel is unable to crosscheck the airspeed coming from the ADR 1 with the ADR 2 airspeed coming from the SFCS 2 Slat channel. This may lead to an uncommanded flap retraction during the takeoff. As a consequence, takeoff in CONF 1+F is not permitted when the SFCC 2 Slat channel is deactivated.*

AFTER TAKEOFF

TO AVOID EXCEEDING VFE At acceleration altitude the crew will PULL the speed knob for selected speed to stop the acceleration, SPD SEL not more than 225 kt until slats fully retract. After flaps/slats fully retracted continue normal operations.

27-81-02A	Slat Wing Tip Brakes Solenoid
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Ident.: MO-27-81-00023256.0001001 / 22 MAY 19

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-81 - Slats Electrical Control and Monitoring
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-92 - Electrical Flight Control System (EFCS) Control Inputs and Power Supply
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27-92-01A	Speedbrake Control System (speedbrake control system inoperative)
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Ident.: MO-27-92-00009063.0001001 / 11 MAR 10

Applicable to: ALL

Refer to OpsProc 27-92-02A Ground Spoiler Control System (ground spoiler control system inoperative)

27-92-01B	Speedbrake Control System (speedbrake 2 or speedbrakes 3 and 4 inoperative)
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Ident.: MO-27-92-00009064.0001001 / 11 MAR 10

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

- **If speedbrake n°2 is inoperative:**

Apply performance penalties associated with the pair of spoilers 2 inoperative. *Refer to OpsProc 27-64-03A Spoiler 2 or 4*

- **If speedbrakes n°3 and n°4 are inoperative:**

Apply performance penalties associated with two pairs of spoilers inoperative. *Refer to OpsProc 27-64-04A Spoilers 1 and 2*

IN FLIGHT

- **If speedbrakes n°3 and n°4 are inoperative:**

Do not use the speedbrakes.

27-92-02A	Ground Spoiler Control System (Ground spoiler control system inoperative)
------------------	----------------------------------------------------------------------------------

Ident.: MO-27-92-00009065.0018001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

GENERAL INFORMATION

The autobrake function is not available. *Refer to OpsProc 32-42-05A AUTO/BRK Function*

CAUTION

One or both thrust reversers may not deploy at landing. Consequently, for performance determination, do not take into account the credit of the thrust reversers.

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FLIGHT PREPARATION/LIMITATIONS

The following penalties may be used for takeoff and landing performance determination if no takeoff and landing data (predetermined by using OCTOPUS program or other equivalent program with present failure case) is available.

Takeoff performance computation:

The method explained hereafter allows the determination of the MTOW and associated speeds (V1, VR, V2), by applying decrements on the MTOW and associated speeds computed in normal conditions (i.e. all systems operative).

WARNING	<ul style="list-style-type: none"> - Do not use this method with takeoff charts computed with other conditions or by using TLC program. - Do not use this method for takeoff with tailwind. - Do not use this method for takeoff on wet or contaminated runways.
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How to proceed ?

- Read, in 0 kt wind column of the takeoff chart computed in normal condition, the MTOW and associated speeds (V1, VR, V2) corresponding to the actual temperature, even in the case of headwind (the method does not take into account the headwind benefit on takeoff performance).
- Apply the QNH and/or bleed corrections, if any, to determine the MTOW.
- Enter the following table to determine the MTOW and speed decrements.
- Applying these decrements, calculate the MTOW and associated speeds corresponding to the actual temperature.

CAUTION For runway lengths below 1,500 m, do not use the following table.

DECREMENTS (ΔW , $\Delta V1$, ΔVR , $\Delta V2$) WHEN GROUND SPOILER CONTROL SYSTEM IS INOPERATIVE

RUNWAY LENGTH (m)	CONFIGURATION											
	1+F				2				3			
	ΔW (kg/lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)	ΔW (kg/lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)	ΔW (kg/lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)
1 500	1 800/3 900	6	5	5	1 600/3 500	6	5	5	2 800/6 100	8	2	2
2 000	1 400/3 000	6	3	3	1 400/3 000	6	3	3	2 000/4 400	8	5	5
2 500	1 200/2 600	5	3	3	1 400/3 000	7	4	4	2 000/4 400	8	5	5
3 000	1 600/3 500	8	5	5	1 400/3 000	7	5	5	1 200/2 600	8	5	5
3 500	1 400/3 000	8	5	5	1 200/2 600	9	6	6	800/1 700	8	6	6
4 000 and above	2 400/5 200	7	7	7	1 000/2 200	7	5	5	600/1 300	8	5	5

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-92 - Electrical Flight Control System (EFCS) Control Inputs and Power Supply
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● **If the actual TOW is lower than the MTOW calculated using above method:**

The speeds determined without failure and associated with the actual TOW may be retained provided that they are all lower than the speeds calculated using above method.

Check that the corrected V1 is equal to or above the minimum V1 value shown on the RTOW chart (due to VMCG limitation).

● **If the corrected V1 is lower than the minimum V1:**

Take this last value as V1.

Further decrease the weight by 3 000 kg (6 600 lb) per kt difference between both values.

Check that the corrected VR is equal to or above the minimum VR value shown on the RTOW chart (due to VMCA limitation).

● **If the corrected VR is lower than the minimum VR:**

Takeoff cannot be performed using this method.

Check that the corrected V2 is equal to or above the minimum V2 value shown on the RTOW chart (due to VMCA limitation).

● **If the corrected V2 is lower than the minimum V2:**

Takeoff cannot be performed using this method.

Check that the corrected V2 is equal to or above the minimum V2 due to VMU limitation (*Refer to FCOM/NON-EFB-PER-TOF-TOD-25-20 MINIMUM V2 LIMITED BY VMU/VMCA (KT IAS)*).

● **If the corrected V2 is lower than the minimum V2:**

Takeoff cannot be performed using this method.

Landing performance computation:

Multiply the landing distances by 1.40.

TAKEOFF

● **If the above method was used for takeoff performance computation:**

Perform the takeoff using full thrust (TOGA).

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-92 - Electrical Flight Control System (EFCS) Control Inputs and Power Supply
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27-92-02A	Ground Spoiler Control System (Ground spoiler control system inoperative)
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Ident.: MO-27-92-00009065.0026001 / 18 JUL 12

Applicable to: LY-COB, LY-ELK, LY-OWL

GENERAL INFORMATION

The autobrake function is not available. *Refer to OpsProc 32-42-05A AUTO/BRK Function*

CAUTION	One or both thrust reversers may not deploy at landing. Consequently, for performance determination, do not take into account the credit of the thrust reversers.
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FLIGHT PREPARATION/LIMITATIONS

The following penalties may be used for takeoff and landing performance determination if no takeoff and landing data (predetermined by using OCTOPUS program or other equivalent program with present failure case) is available.

Takeoff performance computation:

The method explained hereafter allows the determination of the MTOW and associated speeds (V1, VR, V2), by applying decrements on the MTOW and associated speeds computed in normal conditions (i.e. all systems operative).

WARNING	<ul style="list-style-type: none"> - Do not use this method with takeoff charts computed with other conditions or by using TLC program. - Do not use this method for takeoff with tailwind. - Do not use this method for takeoff on wet or contaminated runways.
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How to proceed ?

- Read, in 0 kt wind column of the takeoff chart computed in normal condition, the MTOW and associated speeds (V1, VR, V2) corresponding to the actual temperature, even in the case of headwind (the method does not take into account the headwind benefit on takeoff performance).
- Apply the QNH and/or bleed corrections, if any, to determine the MTOW.
- Enter the following table to determine the MTOW and speed decrements.
- Applying these decrements, calculate the MTOW and associated speeds corresponding to the actual temperature.

CAUTION	For runway lengths below 1,500 m, do not use the following table.
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-92 - Electrical Flight Control System (EFCS) Control Inputs and Power Supply
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DECREMENTS (ΔW , $\Delta V1$, ΔVR , $\Delta V2$) WHEN GROUND SPOILER CONTROL SYSTEM IS INOPERATIVE												
RUNWAY LENGTH (m)	CONFIGURATION											
	1+F				2				3			
	ΔW (kg/lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)	ΔW (kg/lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)	ΔW (kg/lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)
1 500	2 800/6 200	7	2	2	3 000/6 700	7	2	2	2 600/5 800	7	2	2
2 000	2 600/5 800	6	2	2	2 400/5 300	4	1	1	2 400/5 300	6	2	2
2 500	1 600/3 600	3	1	1	1 600/3 600	3	1	1	2 600/5 800	5	2	2
3 000	2 400/5 300	5	2	2	2 600/5 800	6	2	2	2 000/4 500	8	5	5
3 500	2 800/6 200	5	3	3	2 000/4 500	7	5	5	2 400/5 300	8	7	7
4 000 and above	3 400/7 500	5	3	3	2 200/4 900	7	6	6	2 200/4 900	8	6	6

- If the actual TOW is lower than the MTOW calculated using above method:

The speeds determined without failure and associated with the actual TOW may be retained provided that they are all lower than the speeds calculated using above method.

Check that the corrected V1 is equal to or above the minimum V1 value shown on the RTOW chart (due to VMCG limitation).

- If the corrected V1 is lower than the minimum V1:

Take this last value as V1.

Further decrease the weight by 3 000 kg (6 600 lb) per kt difference between both values.

Check that the corrected VR is equal to or above the minimum VR value shown on the RTOW chart (due to VMCA limitation).

- If the corrected VR is lower than the minimum VR:

Takeoff cannot be performed using this method.

Check that the corrected V2 is equal to or above the minimum V2 value shown on the RTOW chart (due to VMCA limitation).

- If the corrected V2 is lower than the minimum V2:

Takeoff cannot be performed using this method.

Check that the corrected V2 is equal to or above the minimum V2 due to VMU limitation (*Refer to FCOM/PER-TOF-TOD-25-20 MINIMUM V2 LIMITED BY VMU/VMCA (KT IAS)*).

- If the corrected V2 is lower than the minimum V2:

Takeoff cannot be performed using this method.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-92 - Electrical Flight Control System (EFCS) Control Inputs and Power Supply
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Landing performance computation:

Multiply the landing distances by 1.15.

TAKEOFF

● **If the above method was used for takeoff performance computation:**

Perform the takeoff using full thrust (TOGA).

27-92-02A	Ground Spoiler Control System (Ground spoiler control system inoperative)
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Ident.: MO-27-92-00009065.0013001 / 18 JUL 12

Applicable to: LY-EMU

GENERAL INFORMATION

The autobrake function is not available. *Refer to OpsProc 32-42-05A AUTO/BRK Function*

CAUTION	One or both thrust reversers may not deploy at landing. Consequently, for performance determination, do not take into account the credit of the thrust reversers.
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FLIGHT PREPARATION/LIMITATIONS

The following penalties may be used for takeoff and landing performance determination if no takeoff and landing data (predetermined by using OCTOPUS program or other equivalent program with present failure case) is available.

Takeoff performance computation:

The method explained hereafter allows the determination of the MTOW and associated speeds (V1, VR, V2), by applying decrements on the MTOW and associated speeds computed in normal conditions (i.e. all systems operative).

WARNING	<ul style="list-style-type: none"> - Do not use this method with takeoff charts computed with other conditions or by using TLC program. - Do not use this method for takeoff with tailwind. - Do not use this method for takeoff on wet or contaminated runways.
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-92 - Electrical Flight Control System (EFCS) Control Inputs and Power Supply
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How to proceed ?

- Read, in 0 kt wind column of the takeoff chart computed in normal condition, the MTOW and associated speeds (V1, VR, V2) corresponding to the actual temperature, even in the case of headwind (the method does not take into account the headwind benefit on takeoff performance).
- Apply the QNH and/or bleed corrections, if any, to determine the MTOW.
- Enter the following table to determine the MTOW and speed decrements.
- Applying these decrements, calculate the MTOW and associated speeds corresponding to the actual temperature.

CAUTION For runway lengths below 1,500 m, do not use the following table.

DECREMENTS (ΔW , $\Delta V1$, ΔVR , $\Delta V2$) WHEN GROUND SPOILER CONTROL SYSTEM IS INOPERATIVE												
RUNWAY LENGTH (m)	CONFIGURATION											
	1+F				2				3			
	ΔW (kg/lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)	ΔW (kg/lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)	ΔW (kg/lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)
1 500	3 000/2 700	9	3	3	3 000/6 600	7	2	2	2 500/5 500	6	2	2
2 000	2 300/5 000	5	2	2	2 300/5 000	4	1	1	2 400/5 200	4	1	1
2 500	1 800/3 900	3	1	1	1 800/3 900	3	1	1	1 700/3 700	4	2	2
3 000	6 800/14 900	14	14	14	2 600/5 700	8	7	7	2 200/4 800	7	5	5
3 500	8 500/18 700	11	9	9	2 000/4 400	7	4	4	2 100/4 600	9	5	5
4 000 and above	1 800/3 900	6	2	3	1 900/4 100	8	5	5	1 800/3 900	8	5	5

● **If the actual TOW is lower than the MTOW calculated using above method:**

The speeds determined without failure and associated with the actual TOW may be retained provided that they are all lower than the speeds calculated using above method.

Check that the corrected V1 is equal to or above the minimum V1 value shown on the RTOW chart (due to VMCG limitation).

● **If the corrected V1 is lower than the minimum V1:**

Take this last value as V1.

Further decrease the weight by 3 000 kg (6 600 lb) per kt difference between both values.

Check that the corrected VR is equal to or above the minimum VR value shown on the RTOW chart (due to VMCA limitation).

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-92 - Electrical Flight Control System (EFCS) Control Inputs and Power Supply
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- **If the corrected VR is lower than the minimum VR:**

Takeoff cannot be performed using this method.

Check that the corrected V2 is equal to or above the minimum V2 value shown on the RTOW chart (due to VMCA limitation).

- **If the corrected V2 is lower than the minimum V2:**

Takeoff cannot be performed using this method.

Check that the corrected V2 is equal to or above the minimum V2 due to VMU limitation (*Refer to FCOM/PER-TOF-TOD-25-20 MINIMUM V2 LIMITED BY VMU/VMCA (KT IAS)*).

- **If the corrected V2 is lower than the minimum V2:**

Takeoff cannot be performed using this method.

Landing performance computation:

Multiply the landing distances by 1.35.

TAKEOFF

- **If the above method was used for takeoff performance computation:**

Perform the takeoff using full thrust (TOGA).

27-92-02B	Ground Spoiler Control System (Pair of spoilers 5 inoperative)
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Ident.: MO-27-92-00009066.0001001 / 11 MAR 10

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For performance penalties, *Refer to OpsProc 27-64-01A Spoiler 5*

27-92-02C	Ground Spoiler Control System (Pairs of spoilers 1 and 2 or pairs of spoilers 3 and 4 inoperative)
------------------	-----------------------------------------------------------------------------------------------------------

Ident.: MO-27-92-00009067.0001001 / 11 MAR 10

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

- **If the pairs of spoilers 1 and 2 are inoperative:**

For performance penalties, *Refer to OpsProc 27-64-04A Spoilers 1 and 2*

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- **If the pairs of spoilers 3 and 4 are inoperative:**
For performance penalties, *Refer to OpsProc 27-64-05A Spoilers 3 and 4*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-92 - Electrical Flight Control System (EFCS) Control Inputs and Power Supply
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-93 - ELAC System (Elevator Aileron Computer)
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27-93-01A	ELAC 1
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Ident.: MO-27-93-00009068.0002001 / 03 MAY 17

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

■ **If the AP 1 is engaged for landing:**

Maximum landing capability is CAT 1.

■ **If the AP 2 is engaged for landing:**

Maximum landing capability is CAT 3 SINGLE.

DURING COCKPIT PREPARATION

Note: If the Yellow Electric Pump is not available:

- Pressurize the Yellow Hydraulic System with:
 - A Ground cart, or with
 - Both Yellow and Green Engines Hydraulic Pumps with both Engines running.
- Replace any action on the YELLOW ELEC PUMP pb-sw by a similar action on the Ground Cart or on both GREEN ENG 1 PUMP pb-sw and YELLOW ENG 2 PUMP pb-sw in the following procedure.

■ **If the F/CTL ELAC 1 FAULT alert is displayed on the EWD:**

- Note:
1. After application of the maintenance procedure, the following ECAM alerts remain displayed on the EWD :
 - C/B TRIPPED R ELEC BAY alert , and
 - C/B TRIPPED ON OVHD PNL alert, and
 - F/CTL ELAC 1 FAULT alert.
 2. After first engine start, the F/CTL ALTN LAW alert may be spuriously displayed. It normally disappears after second engine start.

Check of the elevator and the roll spoilers control through the SECs:

Put the aircraft in the test configuration:

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-93 - ELAC System (Elevator Aileron Computer) </div>
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- YELLOW ELEC PUMP pb-sw.....ON

Note: *If the Yellow Electric Pump is not available, pressurize the Yellow Hydraulic System with a Ground Cart or with both Green and Yellow Engines Hydraulic Pumps with both Engines running.*

- PTU pb-sw..... AUTO
- BLUE ELEC PUMP pb-sw.....AUTO
- BLUE PUMP OVRD pb.....ON
- ELAC 2 pb-sw..... On
- SEC 1 pb-sw..... On
- SEC 2 pb-sw..... On
- SEC 3 pb-sw..... On
- Wait 5 s

Check of the elevator control through the SEC 1 and the spoilers control through the SEC 1 and the SEC 3:

- BLUE PUMP OVRD pb-sw..... Off
- Wait for hydraulic circuit depressurization.
- On the F/CTL SD page, check that blue elevator actuator symbol becomes amber.
- Wait 5 s
- BLUE PUMP OVRD pb-sw..... ON
- ELAC 2 pb-sw..... OFF
- SEC 2 pb-sw..... OFF
- Move the CAPT stick from right stop to left stop, then from forward stop to aft stop.
- On the F/CTL SD page, check the correct movement of the pairs of spoilers 2, 3, and 4 and the full travel of both elevators.
- Move the F/O stick from right stop to left stop, then from forward stop to aft stop.
- On the F/CTL SD page, check the correct movement of the pairs of spoilers 2, 3, and 4 and the full travel of both elevators.

CAUTION	If an expected spoiler or elevator movement does not occur, do not attempt any reset. Contact the maintenance.
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Check of the elevator control through the SEC 2 and of the spoilers control through the SEC 2 and the SEC 3:

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- ELAC 2 pb-sw..... On
- SEC 2 pb-sw..... On
- Wait 5 s
- YELLOW ELEC PUMP pb-sw..... Off
- Wait for hydraulic circuits depressurization.
- On the F/CTL SD page, check that the yellow and the green elevator actuators symbols become amber.
- Wait 5 s
- YELLOW ELEC PUMP pb-sw..... ON
- ELAC 2 pb-sw..... OFF
- SEC 2 pb-sw..... OFF
- SEC 1 pb-sw..... OFF
- Move the CAPT stick from right stop to left stop, then from forward stop to aft stop.
- On the F/CTL SD page, check the correct movement of the pairs of spoilers 2 and 5 and the full travel of both elevators.
- Move the F/O stick from right stop to left stop, then from forward stop to aft stop.
- On the F/CTL SD page, check the correct movement of the pairs of spoilers 2 and 5 and the full travel of both elevators.

CAUTION

If an expected spoiler or elevator movement does not occur, do not attempt any reset.
Contact the maintenance.

Return to normal configuration:

- YELLOW ELEC PUMP pb-sw..... Off
- BLUE PUMP OVRD pb-sw..... Off
- ELAC 1 pb-sw..... OFF
- ELAC 2 pb-sw..... On
- SEC 1 pb-sw..... On

Check that the DC TIE contactor 1 is closed:

- Supply the electrical network from the APU or the external power.
- On the ELEC SD page, check the link between the DC BUS 1 and the DC BAT BUS.

■ **If the F/CTL ELAC 1 PITCH FAULT alert is displayed on the EWD:**

Note: After first engine start, the F/CTL ALTN LAW alert may be spuriously displayed on the EWD. It normally disappears after second engine start.

Check of the elevator and the roll spoilers control through the SECs:

Put the aircraft in the test configuration:

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-93 - ELAC System (Elevator Aileron Computer) </div>
------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------

- Continued from the previous page*
- YELLOW ELEC PUMP pb-sw.....ON
 - PTU pb-sw..... AUTO
 - BLUE ELEC PUMP pb-sw.....AUTO
 - BLUE PUMP OVRD pb.....ON
 - ELAC 1 pb-sw.....On
 - ELAC 2 pb-sw.....On
 - SEC 1 pb-sw.....On
 - SEC 2 pb-sw.....On
 - SEC 3 pb-sw.....On
 - Wait 5 s

Check of the elevator control through the SEC 1 and of the spoilers control through the SEC 1 and the SEC 3:

- BLUE PUMP OVRD pb-sw..... Off
- Wait for hydraulic circuit depressurization.
- On the F/CTL SD page, check that blue elevator actuator symbol becomes amber.
- Wait 5 s
- BLUE PUMP OVRD pb-sw..... ON
- ELAC 1 pb-sw..... OFF
- ELAC 2 pb-sw..... OFF
- SEC 2 pb-sw..... OFF
- Move the CAPT stick from right stop to left stop, then from forward stop to aft stop.
- On the F/CTL SD page, check the correct movement of the pairs of spoilers 2, 3, and 4 and the full travel of both elevators.
- Move the F/O stick from right stop to left stop, then from forward stop to aft stop.
- On the F/CTL SD page, check the correct movement of the pairs of spoilers 2, 3, and 4 and the full travel of both elevators.

CAUTION	If an expected spoiler or elevator movement does not occur, do not attempt any reset. Contact the maintenance.
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Check of the elevator control through the SEC 2 and of the spoilers control through the SEC 2 and the SEC 3:

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-93 - ELAC System (Elevator Aileron Computer) </div>
------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

- ELAC 1 pb-sw..... On
- ELAC 2 pb-sw..... On
- SEC 2 pb-sw..... On
- Wait 5 s
- YELLOW ELEC PUMP pb-sw..... Off
- Wait for hydraulic circuits depressurization.
- On the F/CTL SD page, check that the yellow and the green elevator actuators symbols become amber.
- Wait 5 s
- YELLOW ELEC PUMP pb-sw..... ON
- ELAC 1 pb-sw..... OFF
- ELAC 2 pb-sw..... OFF
- SEC 1 pb-sw..... OFF
- Move the CAPT stick from right stop to left stop, then from forward stop to aft stop.
- On the F/CTL SD page, check the correct movement of the pairs of spoilers 2 and 5 and the full travel of both elevators.
- Move the F/O stick from right stop to left stop, then from forward stop to aft stop.
- On the F/CTL SD page, check the correct movement of the pairs of spoilers 2 and 5 and the full travel of both elevators.

CAUTION	If an expected spoiler or elevator movement does not occur, do not attempt any reset. Contact the maintenance.
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Return to normal configuration:

- YELLOW ELEC PUMP pb-sw..... Off
- BLUE PUMP OVRD pb-sw..... Off
- ELAC 1 pb-sw..... On
- ELAC 2 pb-sw..... On
- SEC 1 pb-sw..... On

Check that the DC TIE contactor 1 is closed:

- Supply the electrical network from the APU or the external power.
- On the ELEC SD page, check the link between the DC BUS 1 and the DC BAT BUS.

APPROACH

● **If the AP 1 is used for the approach:**

The captain must be the PF.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-93 - ELAC System (Elevator Aileron Computer)
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------

Continued from the previous page

Note: Due to the fact that the ELAC 1 is not electrically supplied, the F/O take-over pb cannot disengage the AP 1.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL OPERATIONAL PROCEDURES</div> <div>27 - FLIGHT CONTROLS</div> <div>27-94 - SEC System (Spoiler and Elevator Computer)</div>
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------

27-94-01A	SEC 1
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Ident.: MO-27-94-00009069.0001001 / 17 MAY 18

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For performance penalties, *Refer to OpsProc 27-64-05A Spoilers 3 and 4*

DURING COCKPIT PREPARATION

- Note: If the Yellow Electric Pump is not available:
- Pressurize the Yellow Hydraulic System with:
 - A Ground cart, or with
 - Both Yellow and Green Engine Hydraulic Pumps with both Engines running.
 - Replace any action on the YELLOW ELEC PUMP pb-sw by a similar action on the Ground Cart or on both GREEN ENG 1 PUMP pb-sw and YELLOW ENG 2 PUMP pb-sw in the following procedure.

Note: After application of the maintenance procedure, the **C/B TRIPPED R ELEC BAY** and the **C/B TRIPPED ON OVHD PNL** alerts are displayed on the EWD.

Check of the elevator control and roll spoilers control through the operative computers:

- Put the aircraft in the test configuration:
- YELLOW ELEC PUMP pb-sw ON
 - PTU pb-sw AUTO
 - BLUE ELEC PUMP pb-sw AUTO
 - BLUE PUMP OVRD pb ON
 - ELAC 1 pb-sw On
 - ELAC 2 pb-sw On
 - SEC 2 pb-sw On
 - SEC 3 pb-sw On
 - Wait 5 s

Check of the elevator control through the ELAC 1:

Continued on the following page

- Continued from the previous page
- BLUE PUMP OVRD pb-sw Off
 - Wait for hydraulic circuit depressurization.
 - On the F/CTL SD page, check that blue elevator actuator symbol becomes amber.
 - Wait 5 s
 - BLUE PUMP OVRD pb-sw ON
 - ELAC 2 pb-swOFF
 - SEC 2 pb-sw OFF
 - Move the CAPT stick from forward stop to aft stop.
 - On the F/CTL SD page, check the full travel of both elevators.

CAUTION	If an expected elevator movement does not occur, do not attempt any reset. Contact the maintenance.
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Check of the elevator control through the SEC 2:

- ELAC 2 pb-sw On
- SEC 2 pb-sw On
- Wait 5 s
- YELLOW ELEC PUMP pb-sw Off
- Wait for hydraulic circuits depressurization.
- On the F/CTL SD page, check that the yellow and the green elevator actuators symbols become amber.
- Wait 5 s
- YELLOW ELEC PUMP pb-sw ON
- ELAC 1 pb-swOFF
- ELAC 2 pb-swOFF
- Move the CAPT stick from right stop to left stop, then from forward stop to aft stop.

Each stop must be applied during 3 s

- On the F/CTL SD page, check the correct movement of the pairs of spoilers 2 and 5 and the full travel of both elevators.
- Move the F/O stick from right stop to left stop, then from forward stop to aft stop.

Each stop must be applied during 3 s

- On the F/CTL SD page, check the correct movement of the pairs of spoilers 2 and 5 and the full travel of both elevators.

CAUTION	If an expected spoiler or elevator movement does not occur, do not attempt any reset. Contact the maintenance.
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Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-94 - SEC System (Spoiler and Elevator Computer) </div>
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

Return to normal configuration:

- YELLOW ELEC PUMP pb-sw Off
- BLUE PUMP OVRD pb-sw Off
- ELAC 1 pb-sw On
- ELAC 2 pb-sw On
- SEC 1 pb-sw Off

Check that the DC TIE contactor 1 is closed:

- Supply the electrical network from the APU or the external power.
- On the ELEC SD page, check the link between the DC BUS 1 and the DC BAT BUS.

IN FLIGHT

Do not use the speedbrakes.

● **If the SEC 2 and the SEC 3 fail during the flight:**

Autoland is not permitted.

Maximum landing capability is CAT 1

Disengage the AP at 500 ft RA before landing in direct law.

When the AP is disengaged with the three SECs failed, it cannot be engaged again.

27-94-02A	SEC 2
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Ident.: MO-27-94-00009070.0001001 / 17 MAY 18

Applicable to: ALL

DURING COCKPIT PREPARATION

Note: *If the Yellow Electric Pump is not available:*

- Pressurize the Yellow Hydraulic System with:
 - A Ground cart, or with
 - Both Yellow and Green Engine Hydraulic Pumps with both Engines running.
- Replace any action on the YELLOW ELEC PUMP pb-sw by a similar action on the Ground Cart or on both GREEN ENG 1 PUMP pb-sw and YELLOW ENG 2 PUMP pb-sw in the following procedure.

Note: *After application of the maintenance procedure, the **C/B TRIPPED REAR PNL N-R** alert is displayed on the EWD.*

Check of the elevator control and roll spoilers control through the operative computers:

Put the aircraft in the test configuration:

Continued on the following page

- Continued from the previous page
- YELLOW ELEC PUMP pb-sw..... ON
 - PTU pb-sw.....AUTO
 - BLUE ELEC PUMP pb-sw..... AUTO
 - BLUE PUMP OVRD pb..... ON
 - ELAC 1 pb-sw..... On
 - ELAC 2 pb-sw..... On
 - SEC 1 pb-sw..... On
 - SEC 3 pb-sw..... On
 - Wait 5 s

Check of the elevator control through the ELAC 1:

- BLUE PUMP OVRD pb-sw..... Off
- Wait for hydraulic circuit depressurization.
- On the F/CTL SD page, check that blue elevator actuator symbol becomes amber.
- Wait 5 s
- BLUE PUMP OVRD pb-sw.....ON
- ELAC 2 pb-sw.....OFF
- SEC 1 pb-sw.....OFF
- Move the CAPT stick from forward stop to aft stop.
- On the F/CTL SD page, check the full travel of both elevators.

CAUTION	If an expected elevator movement does not occur, do not attempt any reset. Contact the maintenance.
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Check of the elevator control through the SEC 1:

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-94 - SEC System (Spoiler and Elevator Computer) </div>
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------

- Continued from the previous page*
- ELAC 2 pb-sw..... On
 - SEC 1 pb-sw..... On
 - Wait 5 s
 - BLUE PUMP OVRD pb-sw..... Off
 - Wait for hydraulic circuits depressurization.
 - On the F/CTL SD page, check that the blue elevator actuator symbols becomes amber.
 - Wait 5 s
 - BLUE PUMP OVRD pb-sw.....ON
 - ELAC 1 pb-sw..... OFF
 - ELAC 2 pb-sw..... OFF
 - Move the CAPT stick from right stop to left stop, then from forward stop to aft stop.
- Each stop must be applied during 3 s*
- On the F/CTL SD page, check the correct movement of the pairs of spoilers 2, 3, and 4 and the full travel of both elevators.
 - Move the F/O stick from right stop to left stop, then from forward stop to aft stop.
- Each stop must be applied during 3 s*
- On the F/CTL SD page, check the correct movement of the pairs of spoilers 2, 3, and 4 and the full travel of both elevators.

CAUTION	If an expected spoiler or elevator movement does not occur, do not attempt any reset. Contact the maintenance.
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Return to normal configuration:

- YELLOW ELEC PUMP pb-sw..... Off
- BLUE PUMP OVRD pb-sw..... Off
- ELAC 1 pb-sw..... On
- ELAC 2 pb-sw..... On
- SEC 2 pb-sw..... Off

AFTER ENGINE START

Note: The **F/CTL ELEV SERVO FAULT** alert may be displayed on the EWD if the PTU is inhibited and only one engine is operating. This alert must disappear when the PTU or the second engine is started.

IN FLIGHT

- **If the SEC 1 and the SEC 3 fail during the flight:**
Autoland is not permitted.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL OPERATIONAL PROCEDURES</div> <div>27 - FLIGHT CONTROLS</div> <div>27-94 - SEC System (Spoiler and Elevator Computer)</div>
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

Maximum landing capability is CAT 1

Disengage the AP at 500 ft RA before landing in direct law.

When the AP is disengaged with the three SECs failed, it cannot be engaged again.

27-94-03A	SEC 3
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Ident.: MO-27-94-00009071.0001001 / 17 SEP 10

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For performance penalties, *Refer to OpsProc 27-64-04A Spoilers 1 and 2*

DURING COCKPIT PREPARATION

Deactivation of the SEC 3:

- SEC 3 pb-swOFF
- FLIGHT CONTROLS/SEC 3/SPLY (121VU Q19) C/B Pull

IN FLIGHT

- **If the SEC 1 and the SEC 2 fail during the flight:**
 - Autoland is not permitted.
 - Maximum landing capability is CAT 1
 - Disengage the AP at 500 ft RA before landing in direct law.
 - When the AP is disengaged with the three SECs failed, it cannot be engaged again.*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-95 - FCDC System (Flight Control Data Concentrator)
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------

27-95-02A	FCDC 2
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Ident.: MO-27-95-00009072.0001001 / 11 MAR 10
Applicable to: ALL

DURING COCKPIT PREPARATION
FLIGHT CONTROLS/FCDC2/SPLY (121VU Q20) C/B.....Pull

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 27 - FLIGHT CONTROLS 27-95 - FCDC System (Flight Control Data Concentrator)
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 28 - FUEL 28-01 - Overhead Panels 28-01-01 - FUEL Overhead Panel
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28-01-01-07A	FUEL MODE SEL pb-sw FAULT light
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Ident.: MO-28-01-01-00009079.0003001 / 11 MAR 10

Applicable to: ALL

AFTER ENGINE START

- **If there is fuel in the center tank and with the slats retracted:**
On the FUEL SD page, check that the center tank pumps indications are in line.
- **With the slats extended:**
On the FUEL SD page, check that the center tank pumps indications are cross line.

AFTER TAKEOFF

- **If there is fuel in the center tank and with the slats retracted:**
On the FUEL SD page, check that the center tank pumps indications are in line.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 28 - FUEL 28-01 - Overhead Panels 28-01-01 - FUEL Overhead Panel
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 28 - FUEL 28-07 - Indications on the FUEL SD page 28-07-01 - Fuel Quantity Indications on the FUEL SD page
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------

28-07-01-01A	Fuel On Board (FOB) Indication on the <u>FUEL</u> SD page
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Ident.: MO-28-07-01-00009109.0001001 / 28 JUN 11

Applicable to: ALL

AFTER ENGINE START

Check that /FF is selected on the MCDU FUEL PRED page.

- **If /FF is not selected on the MCDU FUEL PRED page:**

Insert the FOB.

The FOB may be calculated either using the indications on the refuel control panel (if available) or by using the Manual Magnetic Indicators (MMIs): Refer to FCOM/PER-LOD-FUL-FUEL-C.USE OF MANUAL MAGNETIC INDICATORS (MMI).

28-07-01-02A	Fuel Quantity Indication (FQI) in Degraded Mode on the <u>FUEL</u> SD page
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Ident.: MO-28-07-01-00009110.0001001 / 22 NOV 16

Applicable to: ALL

ON GROUND

The FQI is in degraded mode when the FOB indication is displayed with two dashes across the two last digits on the EWD.

- **When the FQI is in degraded mode:**

On the FUEL SD page, determine which tank is affected.

The resulting loss of accuracy must be taken into account by using the two following parameters:

1. Fq : The extra fuel quantity to be loaded.
2. W: The weight to be added to the total fuel weight for TOW calculation only.

Fq and W parameters are given as follows :

LOSS OF ACCURACY DUE TO THE FUEL QUANTITY INDICATION IN DEGRADED MODE (Values in kg)		
	Fq (kg)	W (kg)
OUTER TANK	20	200
INNER TANK	110	110
CENTER TANK	130	130
ALL TANKS	390	750

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<p align="center">MEL OPERATIONAL PROCEDURES</p> <p align="center">28 - FUEL</p> <p align="center">28-07 - Indications on the FUEL SD page</p> <p align="center">28-07-01 - Fuel Quantity Indications on the FUEL SD page</p>
-------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

LOSS OF ACCURACY DUE TO THE FUEL QUANTITY INDICATION IN DEGRADED MODE (Values in lb - If applicable)		
	Fq (lb)	W (lb)
OUTER TANK	45	450
INNER TANK	240	240
CENTER TANK	290	290
ALL TANKS	860	1 670

Note: At airline convenience, it is permitted to round up Fq and W values given in the above tables, as well as the calculated results (i.e. $F_m + F_q$, $F_m + F_q + W$, and/or $F_m + F_q^* + W$), to next 50 or 100 kg (lb).

Preselect the fuel quantity required for the mission : F_m

● **When the refuel stops:**

- Enter the table and determine Fq and W values for the affected tank.
- Start again the refuel with the new preselected quantity which corresponds to the total FOB : $F_m + F_q$

Note: If all tanks reach high level before having loaded the complete Fq value, this shows that all tanks are volumetrically full but the necessary fuel mass for the mission is not guaranteed since the fuel quantity indication varies with the fuel density. Therefore the mission or the aircraft load must be amended to match the minimum fuel quantity known to be onboard.

● **When the refuel stops again:**

The FOB value to be considered for TOW calculation is: $FOB = F_m + F_q + W$

● **If all tanks reach high level before having loaded Fq value:**

- The extra fuel quantity known to be onboard is F_q^* with: $F_q^* < F_q$
- The FOB value to be considered for TOW calculation is: $FOB = F_m + F_q^* + W$

● **If the resulting TOW is higher than the MTOW:**

The aircraft load must be reduced.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 28 - FUEL 28-07 - Indications on the FUEL SD page 28-07-01 - Fuel Quantity Indications on the FUEL SD page
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------

28-07-01-03A 28-07-01-03C	Outer Tank Fuel Quantity Indication on the <u>FUEL</u> SD page
--------------------------------------------	-----------------------------------------------------------------------

Ident.: MO-28-07-01-00009111.0001001 / 04 NOV 15

Applicable to: ALL

AFTER REFUELING

The FOB may be calculated either using the indications on the refuel control panel (if available) or by using the Manual Magnetic Indicators (MMIs): *Refer to FCOM/PER-LOD-FUL-FUEL-C.USE OF MANUAL MAGNETIC INDICATORS (MMI)*

AFTER ENGINE START

Check that /FF is selected on the MCDU FUEL PRED page.

- **If /FF is not selected on the MCDU FUEL PRED page:**

Insert the FOB.

28-07-01-04A	Inner Tank Fuel Quantity Indication on the <u>FUEL</u> SD page
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Ident.: MO-28-07-01-00009112.0001001 / 04 NOV 15

Applicable to: ALL

AFTER REFUELING

The FOB may be calculated either using the indications on the refuel control panel (if available) or by using the Manual Magnetic Indicators (MMIs): *Refer to FCOM/PER-LOD-FUL-FUEL-C.USE OF MANUAL MAGNETIC INDICATORS (MMI)*

AFTER ENGINE START

Check that /FF is selected on the MCDU FUEL PRED page.

- **If /FF is not selected on the MCDU FUEL PRED page:**

Insert the FOB.

28-07-01-05A	Center Tank Fuel Quantity Indication on the <u>FUEL</u> SD page
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Ident.: MO-28-07-01-00009113.0002001 / 04 NOV 15

Applicable to: ALL

AFTER REFUELING

The FOB may be calculated either using the indications on the refuel control panel (if available) or by using the Manual Magnetic Indicators (MMIs): *Refer to FCOM/PER-LOD-FUL-FUEL-C.USE OF MANUAL MAGNETIC INDICATORS (MMI)*.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 28 - FUEL 28-07 - Indications on the FUEL SD page 28-07-01 - Fuel Quantity Indications on the FUEL SD page
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

AFTER ENGINE START

Check that /FF is selected on the MCDU FUEL PRED page.

● **If /FF is not selected on the MCDU FUEL PRED page:**

Insert the FOB.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 28 - FUEL 28-07 - Indications on the FUEL SD page 28-07-04 - Valve Indications on the FUEL SD page
------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------

28-07-04-04A	Wing Transfer Valve Indication on the <u>FUEL</u> SD page
---------------------	------------------------------------------------------------------

Ident.: MO-28-07-04-00009115.0001001 / 17 SEP 10

Applicable to: ALL

IN FLIGHT

- **When any inner tank fuel quantity reaches 750 kg (1 650 lb) of fuel:**
On the FUEL SD page, check the associated outer tank transfer.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 28 - FUEL 28-07 - Indications on the FUEL SD page 28-07-04 - Valve Indications on the FUEL SD page
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 28 - FUEL 28-09 - ECAM Alerts
------------------------------------------------------	------------------------------------------------------------------------------

28-09-01A 28-09-01B	FUEL L(R) INNER(OUTER) TK HI TEMP Alert
--------------------------------------	------------------------------------------------

Ident.: MO-28-09-00009116.0001001 / 12 MAR 10

Applicable to: ALL

ON GROUND OR IN FLIGHT

On the FUEL SD page, monitor the fuel temperature before takeoff and periodically during the flight.

Note: For fuel temperature limits, Refer to AFM/LIM-28 Fuel Temperature Limits.

- **If fuel temperature reaches limits:**

- **Before takeoff:**

Delay takeoff and shut down the engine on the affected side.

- **In flight:**

- Increase the engine fuel flow on the affected side.
 - If necessary use the APU GEN and switch off the IDG on the affected side (if the opposite GEN is available).

28-09-02A 28-09-02B	FUEL L(R) INNER(OUTER) TK LO TEMP Alert
--------------------------------------	------------------------------------------------

Ident.: MO-28-09-00009117.0001001 / 11 MAR 10

Applicable to: ALL

ON GROUND OR IN FLIGHT

On the FUEL SD page, monitor the fuel temperature before takeoff and periodically during the flight.

Note: For fuel temperature limits, Refer to AFM/LIM-28 Fuel Temperature Limits.

- **If fuel temperature reaches limits:**

- **Before takeoff:**

Delay takeoff.

- **In flight:**

Consider descending to a lower altitude and/or increasing the mach to increase the TAT.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 28 - FUEL 28-09 - ECAM Alerts
------------------------------------------------------	------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 28 - FUEL 28-12 - Tank Venting System
------------------------------------------------------	--------------------------------------------------------------------------------------

28-12-01A	Overpressure Protector Between the Inner and the Outer Tank (Inner tank fuel temperature monitored)
------------------	------------------------------------------------------------------------------------------------------------

Ident.: MO-28-12-00009085.0001001 / 21 MAR 10

Applicable to: ALL

GENERAL INFORMATION

The dispatch condition results in an unusual distribution of the fuel quantity: the outer tank of the affected wing will be partially empty with the transfer valves normally closed.

FLIGHT PREPARATION/LIMITATIONS

Fuel management should be performed with care.

ON GROUND AND IN FLIGHT

- **After a long taxi or if the outside air temperature is high, with the outer tank of the affected wing empty:**

The **FUEL L(R) OUTER TK HI TEMP** alert may be displayed on the EWD.

- **If the **FUEL L(R) OUTER TK HI TEMP** alert is displayed on the EWD:**

- Disregard the **FUEL L(R) OUTER TK HI TEMP** alert.
- Monitor the inner tank fuel temperature during taxi and in flight to ensure that it decreases and remains within the temperature limitations.

Note: For fuel temperature limitations, Refer to AFM/LIM-28 Fuel Temperature Limits.

- If the inner tank fuel temperature exceeds the temperature limitations, apply the **FUEL L(R) INNER TK HI TEMP** procedure: *Refer to OpsProc 28-09-01A(B) FUEL L(R) INNER(OUTER)/WING TK HI TEMP Alert.*

28-12-01B	Overpressure Protector Between the Inner and the Outer Tank (Transfer valves opened)
------------------	---------------------------------------------------------------------------------------------

Ident.: MO-28-12-00009086.0001001 / 02 APR 13

Applicable to: ALL

GENERAL INFORMATION

The dispatch condition results in an unusual distribution of the fuel quantity: the fuel in both outer tanks will transfer to the inner tanks even when the inner tanks are not empty.

ON GROUND

Check that the associated wing transfer valves are indicated open on the **FUEL SD** page.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 28 - FUEL 28-12 - Tank Venting System
------------------------------------------------------	--------------------------------------------------------------------------------------

28-12-02A	Overpressure Protector in the Vent Surge Tank
------------------	------------------------------------------------------

Ident.: MO-28-12-00009087.0001001 / 11 MAR 10

Applicable to: ALL

ON GROUND AND IN FLIGHT

- Avoid lateral accelerations in order to reduce the possibility of fuel spill during taxi and climb out.
- In cruise check that no fuel spillage occurred.
- Check that the FOB is sufficient to reach the destination with the adequate reserve.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 28 - FUEL 28-15 - Intercell Transfer System
-------------------------------------------------------------	--------------------------------------------------------------------------------------------

28-15-01A 28-15-01C	LH Wing Transfer Valve (At least one transfer valve open)
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Ident.: MO-28-15-00009088.0001001 / 22 MAY 19

Applicable to: ALL

GENERAL INFORMATION

■ If one or both wing transfer valves are inoperative in the open position:

The dispatch condition results in an unusual distribution of the fuel quantity: the fuel in the outer tank on the affected side will transfer to the inner tank even when the inner tank is not empty. The FCOM Maximum Fuel Imbalance does not apply if one or both wing transfer valves are inoperative in the open position.

■ If one wing transfer valve is secured in the open position:

The dispatch condition results in an unusual distribution of the fuel quantity: the fuel in both outer tanks will transfer to the inner tanks even when the inner tanks are not empty. The FCOM Maximum Fuel Imbalance does not apply if one wing transfer valve is secured in the open position.

ON GROUND

● If one wing transfer valve is secured in the open position:

Check that the wing transfer valve is indicated open on the FUEL SD page.

28-15-01B	LH Wing Transfer Valve (At least one transfer valve failed closed)
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Ident.: MO-28-15-00009089.0001001 / 11 MAR 10

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

The fuel in the affected outer tank should be considered as not usable for the flight planning.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 28 - FUEL 28-15 - Intercell Transfer System
-------------------------------------------------------------	--------------------------------------------------------------------------------------------

28-15-02A 28-15-02C	RH Wing Transfer Valve (At least one transfer valve open)
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Ident.: MO-28-15-00009090.0001001 / 22 MAY 19

Applicable to: ALL

GENERAL INFORMATION

■ If one or both wing transfer valves are inoperative in the open position:

The dispatch condition results in an unusual distribution of the fuel quantity: the fuel in the outer tank on the affected side will transfer to the inner tank even when the inner tank is not empty. The FCOM Maximum Fuel Imbalance does not apply if one or both wing transfer valves are inoperative in the open position.

■ If one wing transfer valve is secured in the open position:

The dispatch condition results in an unusual distribution of the fuel quantity: the fuel in both outer tanks will transfer to the inner tanks even when the inner tanks are not empty. The FCOM Maximum Fuel Imbalance does not apply if one wing transfer valve is secured in the open position.

ON GROUND

● If one wing transfer valve is secured in the open position:

Check that the wing transfer valve is indicated open on the FUEL SD page.

28-15-02B	RH Wing Transfer Valve (At least one transfer valve failed closed)
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Ident.: MO-28-15-00009091.0001001 / 11 MAR 10

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

The fuel in the affected outer tank should be considered as not usable for the flight planning.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 28 - FUEL 28-20 - Distribution
------------------------------------------------------	------------------------------------------------------------------------

28-20-01A	Automatic Fuel Feed System
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Ident.: MO-28-20-00009092.0003001 / 18 JUL 12

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

ON GROUND

- If the center tank is empty for the flight:
 - MODE SEL pb-sw..... MAN
 - CTR TK PUMP 1 and 2 pb-sw..... OFF
- If the center tank is not empty for the flight:
 - Before engine start:
MODE SEL pb-sw.....MAN
 - 3 min after engine start:
CTR TK PUMP 1 and 2 pb-sw OFF

IN FLIGHT

- If the center tank is not empty for the flight:
 - After slat retraction and when the fuel in one wing is less than 5 000 kg (11 000 lb) :
CTR TK PUMP 1 and 2 pb-sw..... On
 - When the **FUEL CTR TK PUMPS LO PR** alert is displayed on the EWD:
CTR TK PUMP 1 and 2 pb-sw.....OFF

28-20-01A	Automatic Fuel Feed System
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Ident.: MO-28-20-00009092.0004001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

ON GROUND

- If the center tank is empty for the flight:
MODE SEL pb-sw..... MAN
CTR TK PUMP 1 and 2 pb-sw..... OFF
- If the center tank is not empty for the flight:
 - Before engine start:
MODE SEL pb-sw.....MAN
 - 3 min after engine start:
CTR TK PUMP 1 and 2 pb-sw.....OFF

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 28 - FUEL 28-20 - Distribution
------------------------------------------------------	-----------------------------------------------------------------

Continued from the previous page

IN FLIGHT

- If the center tank is not empty for the flight:
 - After slat retraction and when the fuel in one wing is less than 5 000 kg (11 000 lb):
CTR TK PUMP 1 and 2 pb-sw..... ON
 - If the **FUEL CTR TK PUMPS LO PR** alert is displayed on the EWD, or if the center tank is not empty at slat extension:
CTR TK PUMP 1 and 2 pb-sw.....OFF

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 28 - FUEL 28-21 - Main Fuel Pump System
------------------------------------------------------	----------------------------------------------------------------------------------------

28-21-01A 28-21-01B	Wing Tank Pump
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Ident.: MO-28-21-00020953.0001001 / 13 MAY 20
Applicable to: ALL

DURING COCKPIT PREPARATION

TK PUMP (AFFECTED) OFF

28-21-02A	Center Tank Pump (One inoperative)
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Ident.: MO-28-21-00009096.0003001 / 13 MAY 20
Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

In the case of dispatch with fuel in the center tank, the remaining center tank pump failure must be considered for the flight planning. Flight Crew should use enroute adequate airport list to ensure that, from any point of the first part of the route where the center tank is not empty the aircraft may reach a suitable airport considering the fuel quantity (FQ) contained in the center tank as definitely not usable for the flight planning (as a consequence of the failure of the remaining center tank pump).

DURING COCKPIT PREPARATION

- X FEED pb-swCHECK Off
- Affected CTR TK PUMP pb-sw OFF
- Operative CTR TK PUMP pb-swOFF

IN FLIGHT

■ If the fuel quantity in the center tank is less than 200 kg (440 lb):
Operative CTR TK PUMP pb-sw Maintain OFF

■ If the fuel quantity in the center tank is more than 200 kg (440 lb):

The fuel in the center tank can be completely used if the operative center tank pump does not fail before the center tank is empty. If the operative center tank pump fails before the center tank is empty, consider the fuel quantity remaining and the time to destination to decide either to continue the flight or to divert.

● When the fuel quantity in one wing inner tank is less than 4 500 kg (10 000 lb):
Operative CTR TK PUMP pb-swOn
X FEED pb-sw ON

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL OPERATIONAL PROCEDURES</div> <div>28 - FUEL</div> <div>28-21 - Main Fuel Pump System</div>
------------------------------------------------------	-----------------------------------------------------------------------------------------------------

Continued from the previous page

- When the fuel quantity in one wing inner tank increases above 5 500 kg (12 000 lb):**
X FEED pb-sw Off
Operative CTR TK PUMP pb-sw OFF

Note: Repeat the previous two steps as many times as necessary until the center tank is empty. The operative center tank pump will switch off automatically

- When the fuel quantity in the center tank is less than 250 kg (550 lb):**
X FEED pb-sw Off

28-21-02D	Center Tank Pump (Both inoperative)
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Ident.: MO-28-21-00009095.0003001 / 11 MAR 10

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

CTR TK PUMP 1 and 2 pb-sw..... OFF

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 28 - FUEL 28-22 - APU Fuel Pump System
------------------------------------------------------	---------------------------------------------------------------------------------------

28-22-01A 28-22-01B	APU Fuel Pump
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Ident.: MO-28-22-00009097.0001001 / 21 NOV 17
Applicable to: ALL

FOR APU START AND FOR APU OPERATION

Pressurize the LH fuel manifold with at least one fuel tank pump.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 28 - FUEL 28-22 - APU Fuel Pump System
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 28 - FUEL 28-29 - APU LP Fuel Shutoff
-------------------------------------------------------------	--------------------------------------------------------------------------------------

28-29-01A	APU LP Fuel Valve
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Ident.: MO-28-29-00009107.0001001 / 03 MAY 17
Applicable to: ALL

DURING PRELIMINARY COCKPIT PREPARATION

- Do not use the APU.
- APU MASTER SW pb-swOff
- No APU bleed air will be available for Main Engine Start (MES) or air conditioning.
- No electrical power will be available from the APU generator.

BEFORE PUSHBACK OR ENGINE START

- For engine start without APU, *Refer to FCOM/PRO-NOR-SUP-ENG Engine Start with an Air Start Unit.*
- On the FUEL SD page, check that the APU LP valve is indicated closed: *Refer to FCOM/DSC-28-20 ECAM Fuel Page.*

AFTER LANDING, AT THE GATE

- In absence of suitable ground support equipment at destination, an engine opposite to the refueling point will need to be operated during refueling to ensure the continued availability of bleed air and electrical power for engine starting.
- Refer to FCOM/PRO-NOR-SUP-FUEL Refueling with One Engine Running.*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 28 - FUEL 28-29 - APU LP Fuel Shutoff
------------------------------------------------------	--------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 28 - FUEL 28-50 - Fuel Management
------------------------------------------------------	----------------------------------------------------------------------------------

28-50-01A	Fuel Quantity Indicating Computer (FQIC) Channel
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Ident.: MO-28-50-00009108.0003001 / 11 MAR 10

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

1. Ensure that correct weights are entered in the FMGC associated with the affected FQIC channel.
2. In the case of failure in-flight of the remaining FQIC channel, all fuel quantities indications on the EWD are lost.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 28 - FUEL 28-50 - Fuel Management
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 29 - HYDRAULIC POWER 29-07 - Indications on the HYD SD page
-------------------------------------------------------------	------------------------------------------------------------------------------------------------------------

29-07-07A	System Label Indication on the <u>HYD</u> SD page
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Ident.: MO-29-07-00009122.0001001 / 17 SEP 10
Applicable to: ALL

DURING COCKPIT PREPARATION

Note: *If the Yellow Electric Pump is not available:*

- *Pressurize the Yellow Hydraulic System with:*
 - *A Ground cart, or with*
 - *The Yellow Engine 2 Pump with the Engine 2 running.*
- *Replace any action on the YELLOW ELEC PUMP pb-sw by a similar action on the Ground Cart or on the YELLOW ENG 2 PUMP pb-sw in the following procedure.*

- YELLOW ELEC PUMP pb-sw..... ON
- BLUE ELEC PUMP pb-sw..... AUTO
- BLUE PUMP OVRD pb-sw.....ON
- PTU pb-sw.....AUTO
- Move the CAPT stick left or right.
- On the F/CTL SD page, check the pairs of spoilers movement.
- YELLOW ELEC PUMP pb-sw..... Off
- BLUE PUMP OVRD pb-sw..... OFF

29-07-08A	System Pressure Indication on the <u>HYD</u> SD page
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Ident.: MO-29-07-00009123.0001001 / 13 MAY 15
Applicable to: ALL

DURING COCKPIT PREPARATION

Note: *If the Yellow Electric Pump is not available:*

- *Pressurize the Yellow Hydraulic System with:*
 - *A Ground cart, or with*
 - *The Yellow Engine 2 Pump with the Engine 2 running.*
- *Replace any action on the YELLOW ELEC PUMP pb-sw by a similar action on the Ground Cart or on the YELLOW ENG 2 PUMP pb-sw in the following procedure.*

Continued on the following page

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■ If the blue system pressure indication is inoperative:

Check of the system label:

- On the HYD SD page, check that the **BLUE** system label is amber.
- BLUE ELEC PUMP pb-sw.....AUTO
- BLUE PUMP OVRD pb-sw..... ON
- On the HYD SD page, check that the BLUE system label is white and that the arrow is green.
- BLUE PUMP OVRD pb-sw..... Off

■ If the yellow system pressure indication is inoperative:

Check of the system label:

- YELLOW ELEC PUMP pb-sw..... Off
- On the HYD SD page, check that the **YELLOW** system label is amber.
- YELLOW ELEC PUMP pb-sw..... ON
- On the HYD SD page, check that the YELLOW system label is white and that the arrow is green.
- YELLOW ELEC PUMP pb-sw..... Off

■ If the green system pressure indication is inoperative:

Check of the system label:

- On the HYD SD page, check that the **GREEN** system label is amber.
- YELLOW ELEC PUMP pb-sw..... ON
- PTU pb-sw..... AUTO
- On the HYD SD page, check that the GREEN system label is white and that the arrow is green.
- YELLOW ELEC PUMP pb-sw..... Off

AFTER ENGINES START

Note: The **HYD PTU FAULT** ECAM alert may be triggered.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 29 - HYDRAULIC POWER 29-09 - ECAM Alerts
------------------------------------------------------	-----------------------------------------------------------------------------------------

29-09-03A	HYD G(Y) ENG 1(2) PUMP LO PR Alert
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Ident.: MO-29-09-00009124.0002001 / 30 JUN 11

Applicable to: ALL

AFTER ENGINE START

Check of the engines pumps:

- PTU pb-sw.....OFF
- On the HYD SD page, check that the green and the yellow hydraulic systems pressures are correct.
A correct pressure is 3 000 PSI (± 200 PSI).
- PTU pb-sw.....AUTO

Note: On the HYD SD page, the PTU remains indicated running .

TAXI

Note: Due to a false HYD G(Y) ENG 1(2) PUMP LO PR alert displayed on the EWD, the "T.O CONFIG NORMAL" line will not replace the "T.O CONFIG . . TEST" line in the T.O MEMO.

Consider normal configuration for takeoff provided that no alert was displayed during the T.O CONFIG TEST except a false HYD G(Y) ENG 1(2) PUMP LO PR alert.

CAUTION	The T.O CONFIG TEST pb must be maintained pressed to check that there is no alert except a false <u>HYD G(Y) ENG 1(2) PUMP LO PR</u> alert.
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29-09-07A	HYD PTU FAULT Alert
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Ident.: MO-29-09-00009125.0001001 / 17 SEP 10

Applicable to: ALL

DURING COCKPIT PREPARATION

- Note: If the Yellow Electric Pump is not available:
- Pressurize the Yellow Hydraulic System with:
 - A Ground cart, or with
 - The Yellow Engine 2 Pump with the Engine 2 running.
 - Replace any action on the YELLOW ELEC PUMP pb-sw by a similar action on the Ground Cart or on the YELLOW ENG 2 PUMP pb-sw in the following procedure.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 29 - HYDRAULIC POWER 29-09 - ECAM Alerts
------------------------------------------------------	-----------------------------------------------------------------------------------------

Continued from the previous page

Check of the PTU:

- YELLOW ELEC PUMP pb-sw..... ON
- PTU pb-sw.....AUTO
- On the HYD SD page, check that the green hydraulic system pressure indication is green.
If the green hydraulic system pressure indication is not available, check on the HYD SD page that the GREEN system label is white and the arrow is green.
- YELLOW ELEC PUMP pb-sw..... Off

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 29 - HYDRAULIC POWER 29-10 - Main Hydraulic Power
------------------------------------------------------	--------------------------------------------------------------------------------------------------

29-10-03A	Blue System Electric Pump
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Ident.: MO-29-10-00009119.0001001 / 20 MAR 10

Applicable to: ALL

DURING PRELIMINARY COCKPIT PREPARATION

- **If the blue electric pump continuously runs:**

At electrical power supply application:

BLUE ELEC PUMP pb-sw..... OFF

AFTER ENGINE START

BLUE ELEC PUMP pb-sw.....AUTO

- **If the blue electric pump does not automatically start:**

- BLUE PUMP OVRD pb-sw..... ON
- On the HYD SD page, check that the blue hydraulic circuit pressure is available.

AFTER ENGINE SHUTDOWN

BLUE ELEC PUMP pb-sw.....OFF

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 29 - HYDRAULIC POWER 29-10 - Main Hydraulic Power
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 29 - HYDRAULIC POWER 29-23 - Power Transfer
------------------------------------------------------	--------------------------------------------------------------------------------------------

29-23-01A	Power Transfer Unit (PTU)
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Ident.: MO-29-23-00009120.0001001 / 21 NOV 17

Applicable to: ALL

AFTER ENGINE START

Check of the PTU operation:

- GREEN ENG 1 PUMP pb-sw..... OFF
- On the HYD SD page, check that the green system pressure is correct.
A correct pressure is 3 000 PSI (± 200 PSI).
- GREEN ENG 1 PUMP pb-sw..... On
- YELLOW ENG 2 PUMP pb-sw..... OFF
- YELLOW ELEC PUMP pb-sw..... Off
- On the HYD SD page, check that the yellow system pressure is correct.
A correct pressure is 3 000 PSI (± 200 PSI).
- YELLOW ENG 2 PUMP pb-sw..... On

Note:

1. The PTU pressurizes the system to a nominal value of 3 000 PSI (± 200 PSI), but if no consumers are operated the pressure is not constant. The PTU operates in a cycle which keeps the pressure in the hydraulic systems between 2 100 PSI and 3 200 PSI.
2. For passengers comfort, the PTU may be set to OFF during the taxi after landing provided that both engines hydraulic pumps are operative and running. The PTU must be set back to AUTO before leaving the aircraft.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 29 - HYDRAULIC POWER 29-23 - Power Transfer
------------------------------------------------------	--------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 29 - HYDRAULIC POWER 29-24 - Yellow Auxiliary Hydraulic Power
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------

29-24-01A	Yellow System Electric Pump
------------------	------------------------------------

Ident.: MO-29-24-00009121.0001001 / 20 MAR 10

Applicable to: ALL

ON GROUND

- **If the pump continuously runs and does not stop when set to off:**
DOORS/CARGO (T12 on 122 VU) C/B.....Pull
- **If unsuccessful:**
 - Y HYD/ELEC PUMP/NORM (AB 03 on 123 VU) C/B.....Pull
 - Y HYD/ELEC/PUMP (AB 06 on 123 VU) C/B..... Pull

Note: 1. *If the pump continuously runs on the ground, there is a potential overheat situation.*

 2. *The reset of the C/Bs must be limited to the time required to open or close the cargo doors.*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 29 - HYDRAULIC POWER 29-24 - Yellow Auxiliary Hydraulic Power
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 30 - ICE AND RAIN PROTECTION 30-01 - Overhead Panels 30-01-01 - ANTI ICE Overhead Panel
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------

30-01-01-03A	ANTI ICE WING pb-sw FAULT light
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Ident.: MO-30-01-01-00009042.0001001 / 12 NOV 20

Applicable to: ALL

DURING COCKPIT PREPARATION

Check of the anti-ice "arrow" symbol:

- Make sure that a bleed air supply system is available.
- ANTI ICE WING pb-sw.....ON
- On the BLEED SD page, check that the anti-ice "arrow" symbols are displayed amber and disappear after 30 s.
- ANTI ICE WING pb-sw..... Off

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 30 - ICE AND RAIN PROTECTION 30-01 - Overhead Panels 30-01-01 - ANTI ICE Overhead Panel
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 30 - ICE AND RAIN PROTECTION 30-11 - Wing Ice Protection
------------------------------------------------------	---------------------------------------------------------------------------------------------------------

30-11-01A	Wing Anti-Ice Control Valve
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Ident.: MO-30-11-00009047.0008001 / 15 FEB 18

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

FLIGHT PREPARATION/LIMITATIONS

Flight planning:

Increase fuel consumption by:

Zp (ft)	5 000	10 000	15 000	20 000	25 000	30 000	35 000	40 000
Fuel penalties	3.0 %	3.0 %	3.0 %	3.0 %	3.5 %	3.5 %	3.5 %	3.5 %

Single engine cruise:

Decrease drift down ceilings by:

1 200 ft when OAT ≤ ISA + 15 °C

4 200 ft when OAT > ISA + 15 °C

Approach climb performance:

■ When the engine bleed air supply system is closed:

No penalty.

■ When the engine bleed air supply system is open:

Decrease maximum climb limiting weight by:

2 200 kg (4 900 lb)

DURING COCKPIT PREPARATION

● After application of the maintenance procedure:

On the BLEED SD page, check that the anti-ice arrow symbol is displayed.

The anti-ice arrow symbol may be displayed amber or green.

The WING ANTI ICE L(R) HI PR alert must not be displayed on the EWD.

BEFORE ENGINE START

- Maintain the X BLEED selector at SHUT before engine start when the APU bleed is used.
- Start the engine 1.

Maintain the X BLEED selector at SHUT during the start of engine 1.

- Use the CROSS BLEED ENGINE START (Refer to FCOM/PRO-NOR-SUP-ENG Crossbleed Engine Start) procedure to start the engine 2.
- Apply the procedure associated with the WING ANTI ICE R VALVE OPEN alert displayed on the EWD.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 30 - ICE AND RAIN PROTECTION 30-11 - Wing Ice Protection
------------------------------------------------------	---------------------------------------------------------------------------------------------------------

Continued from the previous page

AFTER TAKEOFF

- **When above 1 500 ft:**
Apply the automatic recall of the **WING ANTI ICE R VALVE OPEN** procedure displayed on the EWD.

IN FLIGHT

- If the wing anti ice is operated in flight, **WING ANTI ICE R HI PR** alert may be displayed on the EWD.
- **In the case of failure of a Bleed Air Supply System:**
 - **If both PACKs are operative:**
PACK (affected side) pb-sw OFF

AFTER LANDING

Apply the automatic recall of the **WING ANTI ICE R VALVE OPEN** procedure displayed on the EWD.

30-11-01A	Wing Anti-Ice Control Valve
Ident.: MO-30-11-00009047.0016001 / 15 FEB 18 Applicable to: LY-COD, LY-RAM	

FLIGHT PREPARATION/LIMITATIONS

Flight planning:

Increase fuel consumption by:

Zp (ft)	5 000	10 000	15 000	20 000	25 000	30 000	35 000	40 000
Fuel penalties	4.5 %	4.0 %	6.0 %	4.5 %	3.5 %	2.5 %	2.5 %	2.5 %

Single engine cruise:

Decrease drift down ceilings by:

900 ft when OAT ≤ ISA

3 300 ft when OAT > ISA

- Approach climb performance:
- **When the engine bleed air supply system is closed:**
No penalty.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 30 - ICE AND RAIN PROTECTION 30-11 - Wing Ice Protection
-------------------------------------------------------------	---------------------------------------------------------------------------------------------------------

Continued from the previous page

■ **When the engine bleed air supply system is open:**

Decrease maximum climb limiting weight by:
800 kg (1 800 lb) when OAT ≤ ISA + 20 °C
4 100 kg (9 100 lb) when OAT > ISA + 20 °C

DURING COCKPIT PREPARATION

● **After application of the maintenance procedure:**

On the BLEED SD page, check that the anti-ice arrow symbol is displayed.
The anti-ice arrow symbol may be displayed amber or green.

The WING ANTI ICE L(R) HI PR alert must not be displayed on the EWD.

BEFORE ENGINE START

- Maintain the X BLEED selector at SHUT before engine start when the APU bleed is used.
- Start the engine 1.
Maintain the X BLEED selector at SHUT during the start of engine 1.
- Use the CROSS BLEED ENGINE START (*Refer to FCOM/PRO-NOR-SUP-ENG Crossbleed Engine Start*) procedure to start the engine 2.
- Apply the procedure associated with the WING ANTI ICE R VALVE OPEN alert displayed on the EWD.

AFTER TAKEOFF

● **When above 1 500 ft:**

Apply the automatic recall of the WING ANTI ICE R VALVE OPEN procedure displayed on the EWD.

IN FLIGHT

If the wing anti ice is operated in flight, WING ANTI ICE R HI PR alert may be displayed on the EWD.

● **In the case of failure of a Bleed Air Supply System:**

● **If both PACKs are operative:**

PACK (affected side) pb-sw OFF

AFTER LANDING

Apply the automatic recall of the WING ANTI ICE R VALVE OPEN procedure displayed on the EWD.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 30 - ICE AND RAIN PROTECTION 30-11 - Wing Ice Protection
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 30 - ICE AND RAIN PROTECTION 30-21 - Engine Air Intake Ice Protection
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------

30-21-01B 30-21-01C	Engine Anti-Ice Valve
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Ident.: MO-30-21-00009049.0005001 / 04 NOV 15

Applicable to: LY-COB, LY-ELK, LY-OWL

GENERAL INFORMATION

An higher idle speed is set on both engines when an engine anti-ice valve is inoperative in the open position.

FLIGHT PREPARATION/LIMITATIONS

- Note:
1. The following decrements may be used for takeoff performance determination only for dry runways if no takeoff data (predetermined by using OCTOPUS program or other equivalent program with present failure case taken into account) is available.
 2. Performance penalties apply whatever one or both valves are inoperative.

Takeoff performance:

Perform the takeoff using full thrust.

Apply the following reductions on the MTOW and the speeds :

OAT (°C)	≤ ISA +20 °C	> ISA +20 °C
Weight decrement (kg/lb)	500/1 200	2 800/6 200
V1, VR and V2 decrement (kt IAS)	1	2

Flight planning:

Increase fuel consumption by:

Zp (ft)	2 Valves blocked OPEN	1 Valve blocked OPEN
5 000	3.5 %	2.0 %
10 000	3.5 %	2.0 %
15 000	3.5 %	2.0 %
20 000	3.5 %	2.0 %
25 000	3.5 %	2.0 %
30 000	3.5 %	2.0 %
35 000	3.5 %	2.0 %
40 000	3.0 %	1.5 %

Single engine cruise:

Decrease drift down ceilings by:

900 ft when OAT ≤ ISA + 15 °C

4 000 ft when OAT > ISA + 15 °C

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 30 - ICE AND RAIN PROTECTION 30-21 - Engine Air Intake Ice Protection
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------

Continued from the previous page

Approach climb performance:

Decrease maximum climb limiting weight by:
 No penalty when OAT ≤ ISA + 20 °C
 4 300 kg (9 500 lb) when OAT > ISA + 20 °C

DURING COCKPIT PREPARATION

ANTI ICE ENG (affected) pb-sw..... ON

30-21-01B 30-21-01C	Engine Anti-Ice Valve
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Ident.: MO-30-21-00009049.0008001 / 04 NOV 15

Applicable to: LY-EMU

GENERAL INFORMATION

An higher idle speed is set on both engines when an engine anti-ice valve is inoperative in the open position.

FLIGHT PREPARATION/LIMITATIONS

- Note: 1. The following decrements may be used for takeoff performance determination only for dry runways if no takeoff data (predetermined by using OCTOPUS program or other equivalent program with present failure case taken into account) is available.
 2. Performance penalties apply whatever one or both valves are inoperative.

Takeoff performance:

Perform the takeoff using full thrust.
 Apply the following reductions on the MTOW and the speeds :

OAT (°C)	≤ ISA +10 °C	ISA +10 °C < OAT ≤ ISA +20 °C	> ISA +20 °C
Weight decrement (kg/lb)	500/1 200	2 200/4 900	2 800/6 200
V1, VR and V2 decrement (kt IAS)	0	2	2

Flight planning:

Increase fuel consumption by:

Zp (ft)	2 Valves blocked OPEN	1 Valve blocked OPEN
5 000	3.5 %	2.0 %
10 000	3.5 %	2.0 %
15 000	3.5 %	2.0 %

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 30 - ICE AND RAIN PROTECTION 30-21 - Engine Air Intake Ice Protection
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------

Continued from the previous page

Zp (ft)	2 Valves blocked OPEN	1 Valve blocked OPEN
20 000	3.5 %	2.0 %
25 000	3.5 %	2.0 %
30 000	3.5 %	2.0 %
35 000	3.5 %	2.0 %
40 000	3.0 %	1.5 %

Single engine cruise:

Decrease drift down ceilings by:

900 ft when OAT ≤ ISA + 15 °C

4 000 ft when OAT > ISA + 15 °C

Approach climb performance:

Decrease maximum climb limiting weight by:

No penalty when OAT ≤ ISA +10 °C

4 300 kg (9 500 lb) when OAT > ISA +10 °C

DURING COCKPIT PREPARATION

ANTI ICE ENG (affected) pb-sw..... ON

30-21-01B 30-21-01C	Engine Anti-Ice Valve
------------------------	------------------------------

Ident.: MO-30-21-00009049.0017001 / 04 NOV 15

Applicable to: LY-COD, LY-RAM

GENERAL INFORMATION

An higher idle speed is set on both engines when an engine anti-ice valve is inoperative in the open position.

FLIGHT PREPARATION/LIMITATIONS

- Note:
1. The following decrements may be used for takeoff performance determination only for dry runways if no takeoff data (predetermined by using OCTOPUS program or other equivalent program with present failure case taken into account) is available.
 2. Performance penalties apply whatever one or both valves are inoperative.

Takeoff performance:

Perform the takeoff using full thrust.

Apply the following reductions on the MTOW and the speeds :

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 30 - ICE AND RAIN PROTECTION 30-21 - Engine Air Intake Ice Protection
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------

Continued from the previous page

OAT (°C)	≤ ISA +10 °C	> ISA +10 °C
Weight decrement (kg/lb)	1 600/3 600	3 800/8 400
V1, VR and V2 decrement (kt IAS)	3	4

Flight planning:

Increase fuel consumption by:

Zp (ft)	2 Valves blocked OPEN	1 Valve blocked OPEN
5 000	6.0 %	3.0 %
10 000	5.0 %	2.5 %
15 000	5.0 %	2.5 %
20 000	5.0 %	2.5 %
25 000	4.5 %	2.0 %
30 000	2.5 %	1.5 %
35 000	2.5 %	1.0 %
40 000	2.0 %	1.0 %

Single engine cruise:

Decrease drift down ceilings by:

200 ft when OAT ≤ ISA + 5 °C

2 300 ft when OAT > ISA + 5 °C

Approach climb performance:

Decrease maximum climb limiting weight by:

300 kg (700 lb) when OAT ≤ ISA + 25 °C

3 500 kg (7 800 lb) when OAT > ISA + 25 °C

DURING COCKPIT PREPARATION

ANTI ICE ENG (affected) pb-sw..... ON

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 30 - ICE AND RAIN PROTECTION 30-31 - Probe Ice Protection
------------------------------------------------------	----------------------------------------------------------------------------------------------------------

30-31-01A	PHC (associated probe heating operative)
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Ident.: MO-30-31-00021166.0001001 / 03 MAY 17
Applicable to: ALL

DURING COCKPIT PREPARATION

Disregard and clear the ANTI ICE CAPT(F/O)(STBY) PROBES alert associated with the CAPT(F/O)(STBY) probe heating, as long as the CAPT(F/O)(STBY) probe heating is well checked operative before the flight.

30-31-01B	PHC (F/O PHC inoperative)
------------------	----------------------------------

Ident.: MO-30-31-00009050.0001001 / 03 MAY 17
1 Applicable to: LY-COB

DURING COCKPIT PREPARATION

AIR DATA selector F/O 3

IN FLIGHT

- **If icing conditions are encountered:**
ADR 2 pb-sw OFF

CAUTION

When ADR 2 is set to OFF,
- takeoff in CONF 1+F is not permitted, and
- maximum landing capability is CAT 3 SINGLE, and
- RVSM operations are not permitted.

The ADR 2 pb-sw must remain set to OFF for the remainder of the flight.

In the case of double failure of the alpha probe heaters, *Refer to QRH/DOUBLE AOA HEAT FAILURE.*

30-31-01B	PHC (F/O PHC inoperative)
------------------	----------------------------------

Ident.: MO-30-31-00009050.0002001 / 03 MAY 17
Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

DURING COCKPIT PREPARATION

AIR DATA selector F/O 3
Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 30 - ICE AND RAIN PROTECTION 30-31 - Probe Ice Protection
------------------------------------------------------	----------------------------------------------------------------------------------------------------------

Continued from the previous page

IN FLIGHT

- **If icing conditions are encountered:**
ADR 2 pb-sw OFF

CAUTION

When ADR 2 is set to OFF,
- takeoff in CONF 1+F is not permitted, and
- maximum landing capability is CAT 3 SINGLE.

The ADR 2 pb-sw must remain set to OFF for the remainder of the flight.

In the case of double failure of the alpha probe heaters, *Refer to QRH/DOUBLE AOA HEAT FAILURE.*

30-31-01C	PHC (STBY PHC inoperative)
------------------	-----------------------------------

Ident.: MO-30-31-00021168.0001001 / 03 MAY 17

Applicable to: ALL

IN FLIGHT

In the case of double failure of the alpha probe heaters, *Refer to QRH/DOUBLE AOA HEAT FAILURE.*

30-31-02A	Pitot Heater
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Ident.: MO-30-31-00009052.0001001 / 11 MAR 10

Applicable to: ALL

Refer to OpsProc 30-31-01B PHC (F/O PHC inoperative)

30-31-03C	F/O Static Ports Heater
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Ident.: MO-30-31-00009053.0001001 / 13 MAY 14

Applicable to: ALL

Refer to OpsProc 30-31-01B PHC (F/O PHC inoperative)

<p>A318/A319/A320/A321 MINIMUM EQUIPMENT LIST</p>	<p>MEL OPERATIONAL PROCEDURES 30 - ICE AND RAIN PROTECTION 30-31 - Probe Ice Protection</p>
--------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------

30-31-03D	CAPT Static Ports Heater
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Ident.: MO-30-31-00015607.0001001 / 13 MAY 14

Applicable to: ALL

ON GROUND OR IN FLIGHT

Disregard and clear the **ANTI ICE CAPT L(R) STAT** alert associated with the CAPT static ports heater(s) inoperative for the dispatch.

30-31-04A	Angle of Attack (AOA) Probes Heating (F/O inoperative)
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Ident.: MO-30-31-00009054.0002001 / 03 MAY 17

Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

FLIGHT PREPARATION/LIMITATIONS

- If icing conditions are encountered during the flight:

Maximum landing capability may be downgraded to CAT 3 SINGLE.

DURING COCKPIT PREPARATION

AIR DATA selector F/O 3

IN FLIGHT

In the case of double failure of the alpha probe heaters, *Refer to QRH/DOUBLE AOA HEAT FAILURE.*

30-31-04A	Angle of Attack (AOA) Probes Heating (F/O inoperative)
-----------	--------------------------------------------------------

Ident.: MO-30-31-00009054.0001001 / 03 MAY 17

2 Applicable to: LY-COB

FLIGHT PREPARATION/LIMITATIONS

- If icing conditions are encountered during the flight:

Maximum landing capability may be downgraded to CAT 3 SINGLE.

RVSM operations are not permitted.

DURING COCKPIT PREPARATION

AIR DATA selector F/O 3

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 30 - ICE AND RAIN PROTECTION 30-31 - Probe Ice Protection
------------------------------------------------------	----------------------------------------------------------------------------------------------------------

Continued from the previous page

IN FLIGHT

In the case of double failure of the alpha probe heaters, *Refer to QRH/DOUBLE AOA HEAT FAILURE.*

30-31-04B	Angle of Attack (AOA) Probes Heating (STBY inoperative)
------------------	----------------------------------------------------------------

Ident.: MO-30-31-00009198.0001001 / 03 MAY 17

Applicable to: **ALL**

FLIGHT PREPARATION/LIMITATIONS

- **If icing conditions are encountered during the flight:**
Maximum landing capability may be downgraded to CAT 3 SINGLE.

IN FLIGHT

In the case of double failure of the alpha probe heaters, *Refer to QRH/DOUBLE AOA HEAT FAILURE.*

30-31-04C	Angle of Attack (AOA) Probes Heating (CAPT inoperative)
------------------	----------------------------------------------------------------

Ident.: MO-30-31-00021169.0001001 / 03 MAY 17

Applicable to: **ALL**

DURING COCKPIT PREPARATION

Disregard and clear the ANTI ICE CAPT AOA alert associated with the CAPT AOA probes heating inoperative for dispatch.

IN FLIGHT

In the case of double failure of the alpha probe heaters, *Refer to QRH/DOUBLE AOA HEAT FAILURE.*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 30 - ICE AND RAIN PROTECTION 30-42 - Windshield Anti-Icing and Defogging
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------

30-42-01A	Window Heat Computer
------------------	-----------------------------

Ident.: MO-30-42-00009056.0001001 / 11 FEB 15

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

- **When the PF side is inoperative:**
Maximum landing capability is CAT 1.
- **When the PM side is inoperative:**
Maximum landing capability is CAT 3 DUAL.

30-42-03A	Windshield Heating
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Ident.: MO-30-42-00009057.0001001 / 11 FEB 15

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

- **When the PF side is inoperative:**
Maximum landing capability is CAT 1.
- **When the PM side is inoperative:**
Maximum landing capability is CAT 3 DUAL.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 30 - ICE AND RAIN PROTECTION 30-42 - Windshield Anti-Icing and Defogging
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 30 - ICE AND RAIN PROTECTION 30-45 - Windshield Rain Protection
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------

30-45-01B	Windshield Wiper
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Ident.: MO-30-45-00009059.0001001 / 28 JUN 11

Applicable to: ALL

- FLIGHT PREPARATION/LIMITATIONS
- When the wiper and the rain repellent are inoperative or deactivated on the PF side:
Maximum landing capability is CAT 1.

30-45-01C	Windshield Wiper continuously running
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Ident.: MO-30-45-00018697.0001001 / 18 FEB 16

Applicable to: ALL

- FLIGHT PREPARATION/LIMITATIONS
- If the windshield wiper on the CAPT side is continuously running:
ANTI ICE/WIPER/CAPT (122VU X12) C/B.....PULL
Pull the C/B when the wiper is in a position that maintains the flight crew's visibility.
 - If the windshield wiper on the F/O side is continuously running:
ANTI ICE/F/O/WIPER (122VU W12) C/B..... PULL
Pull the C/B when the wiper is in a position that maintains the flight crew's visibility.
 - On the PF side, when the wiper is deactivated and the rain repellent is inoperative or not installed :
Maximum landing capability is CAT 1.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 30 - ICE AND RAIN PROTECTION 30-45 - Windshield Rain Protection
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 30 - ICE AND RAIN PROTECTION 30-81 - Ice Detection
------------------------------------------------------	---------------------------------------------------------------------------------------------------

30-81-03A	Lighting of External Visual Icing Indicator
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Ident.: MO-30-81-00009062.0001001 / 11 MAR 10

1 Applicable to: ALL

IN FLIGHT

- If icing conditions are expected during night operations:

Refer to AFM/LIM-70 Operations in Icing Conditions

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 30 - ICE AND RAIN PROTECTION 30-81 - Ice Detection
------------------------------------------------------	---------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 31 - INDICATING/RECORDING SYSTEMS 31-01 - Overhead Panels 31-01-01 - RCDR Overhead Panel
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------

31-01-01-02A	RCDR-GND CTL pb-sw (Inoperative in the AUTO position)
---------------------	--------------------------------------------------------------

Ident.: MO-31-01-01-00008925.0001001 / 17 MAY 18

Applicable to: ALL

ON GROUND

- Within 5 min after the aircraft is electrically supplied

or
After the first engine start:
CVR TEST pb..... PRESS

31-01-01-02B	RCDR-GND CTL pb-sw (Inoperative in the ON position)
---------------------	------------------------------------------------------------

Ident.: MO-31-01-01-00009178.0001001 / 11 MAR 10

Applicable to: ALL

AFTER LANDING

- To stop CVR recording, if needed:

COM/CVR/SPLY (49 VU E14) C/B..... PULL

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 31 - INDICATING/RECORDING SYSTEMS 31-01 - Overhead Panels 31-01-01 - RCDR Overhead Panel
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 31 - INDICATING/RECORDING SYSTEMS 31-07 - Indications on the System Display (SD)
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------

31-07-02A	Permanent Data (TAT, SAT, GLOAD - ALT SEL, UTC, GW) Indications on the SD
------------------	--------------------------------------------------------------------------------------

Ident.: MO-31-07-00009041.0001001 / 28 JUN 11

1 Applicable to: LY-ELK, LY-EMU, LY-OWL

DURING COCKPIT PREPARATION

Check that the TAT value is operative on the SD permanent data.

- **If the TAT value is not operative:**

Check that the TAT value is available through the ADR 3.

Note: Use the AIR DATA SWITCHING selector to display temporarily the TAT value on the SD.

IN FLIGHT

- **If needed:**

The TAT value may be displayed through the same action on the AIR DATA SWITCHING selector.

31-07-02A	Permanent Data (TAT, SAT, GLOAD, UTC, GW) Indications on the SD
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Ident.: MO-31-07-00009041.0002001 / 28 JUN 11

Applicable to: LY-COB

DURING COCKPIT PREPARATION

Check that the TAT value is operative on the SD permanent data.

- **If the TAT value is not operative:**

Check that the TAT value is available through the ADR 3.

Note: Use the AIR DATA SWITCHING selector to display temporarily the TAT value on the SD.

IN FLIGHT

- **If needed:**

The TAT value may be displayed through the same action on the AIR DATA SWITCHING selector.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 31 - INDICATING/RECORDING SYSTEMS 31-07 - Indications on the System Display (SD)
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------

31-07-02A	Permanent Data (TAT, SAT, ISA, GLOAD, UTC, GW) Indications on the SD
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Ident.: MO-31-07-00009041.0004001 / 28 JUN 11

Applicable to: LY-COD, LY-RAM

DURING COCKPIT PREPARATION

Check that the TAT value is operative on the SD permanent data.

- **If the TAT value is not operative:**

Check that the TAT value is available through the ADR 3.

Note: Use the AIR DATA SWITCHING selector to display temporarily the TAT value on the SD.

IN FLIGHT

- **If needed:**

The TAT value may be displayed through the same action on the AIR DATA SWITCHING selector.

<p>A318/A319/A320/A321 MINIMUM EQUIPMENT LIST</p>	<p>MEL OPERATIONAL PROCEDURES 31 - INDICATING/RECORDING SYSTEMS 31-20 - Independent Instruments</p>
--------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------

31-20-01A	Electrical Clock Indicator
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Ident.: MO-31-20-00009031.0001001 / 28 JUN 11

Applicable to: ALL

ON GROUND OR IN FLIGHT

- **After any electrical power interruption resulting in the loss of the UTC on the SD:**
Initialize the UTC and the date using the MCDU: *Refer to FCOM/DSC-45-20 GMT/Date Initialization.*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 31 - INDICATING/RECORDING SYSTEMS 31-20 - Independent Instruments
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 31 - INDICATING/RECORDING SYSTEMS 31-53 - Flight Warning Computer (FWC)
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31-53-01A	FLIGHT WARNING COMPUTER (FWC)
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Ident.: MO-31-53-00009032.0001001 / 11 MAR 10

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

Maximum landing capability is CAT 3 SINGLE.

31-53-06A	Altitude Alert
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Ident.: MO-31-53-00009462.0001001 / 11 MAR 10

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

- **When both altitude alert functions are inoperative:**
RVSM operations are not permitted.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 31 - INDICATING/RECORDING SYSTEMS 31-53 - Flight Warning Computer (FWC)
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 31 - INDICATING/RECORDING SYSTEMS 31-56 - ECAM Control Panel (ECP)
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31-56-06A	STS pb on the ECP
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Ident.: MO-31-56-00018574.0001001 / 03 MAY 17

Applicable to: ALL

ON GROUND OR IN FLIGHT

- **When the STS reminder appears at the bottom of the E/WD, or whenever the flight crew wants to check the STATUS SD page:**
 1. Press the RCL pb to display the cleared alerts
 2. Press the CLR pb as many times as necessary in order to automatically display the STATUS SD page
 3. Press the CLR pb when the STATUS SD page is checked to clear the STATUS SD page.

31-56-07A	T.O CONFIG pb on the ECP
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Ident.: MO-31-56-00009033.0001001 / 18 JUL 12

Applicable to: ALL

BEFORE TAKEOFF

Check that the aircraft is in the correct takeoff configuration:

- FLAPS/SLATS.....CHECK
- On EWD, check that the FLAPS position corresponds to the position inserted in the MCDU PERF TAKE OFF Page.
- PITCH TRIM..... CHECK
- Check that the selected pitch trim is in the green band of the pitch trim wheel and corresponds to the value inserted in the MCDU PERF TAKE OFF Page.
- RUDDER TRIM.....CHECK ZERO
- GROUND SPOILERS.....CHECK ARMED
- SIDESTICK PRIORITY light.....CHECK NO RED
- On the WHEEL SD page, check that the brakes temperature is below 300 °C.
- DOORS..... CHECK
- On the DOOR/OXY SD page, check that all doors are indicated closed.
- Deselect the DOOR/OXY SD page after the check.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 31 - INDICATING/RECORDING SYSTEMS 31-56 - ECAM Control Panel (ECP)
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 31 - INDICATING/RECORDING SYSTEMS 31-62 - Display Management Computer (DMC)
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31-62-01B	DMC 1
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Ident.: MO-31-62-00010598.0002001 / 22 NOV 16

Applicable to: LY-COD, LY-RAM

ON GROUND OR IN FLIGHT

- In the case of multiple undue ECAM alerts concerning **ENG 1(2) N1(N2) (EGT)(FF) OVER LIMIT**
- or
- ENG 1(2) N1(N2)(EGT)(EPR)(FF) DISCREPANCY**
- or
- NAV ATT(ALT1)(HDG) DISCREPANCY**
- or
- NAV FM/GPS POS DISAGREE**
- or
- FUEL F.USED/FOB DISAGREE**

or
MINIMUM or HUNDRED ABOVE callouts, possibly associated with EFIS red flags, apply the below procedure:

- Crosscheck the affected parameters on the EWD, PFD, ND, or on the related SD page to confirm that the alerts are undue.
- EIS DMC SWITCHING selector..... NORM

Note: CAPT PFD and ND are lost when EIS DMC SWITCHING selector is set to NORM.

- **If the undue ECAM alerts stop:**
 - Pull EIS/DMC3/SPLY (121 VU Q09) C/B and EIS/DMC3/STBY/SPLY (49 VU E10) C/B for more than 5 s and push them back.
 - EIS DMC SWITCHING selectorCAPT 3
- **If the undue ECAM alerts continue:**
 - EIS DMC SWITCHING selector..... CAPT 3
 - Wait for CAPT PFD and ND recovery.
 - Pull EIS/DMC2/SPLY (121 VU Q08) C/B for more than 5 s and push it back.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 31 - INDICATING/RECORDING SYSTEMS 31-62 - Display Management Computer (DMC)
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------

31-62-02A	DMC 2
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Ident.: MO-31-62-00009034.0004001 / 28 JUN 11

Applicable to: LY-COD, LY-RAM

ON GROUND OR IN FLIGHT

- In the case of multiple undue ECAM alerts concerning **ENG 1(2) N1(N2) (EGT)(FF) OVER LIMIT**
 or
ENG 1(2) N1(N2)(EGT)(EPR)(FF) DISCREPANCY
 or
NAV ATT(ALT1)(HDG) DISCREPANCY
 or
NAV FM/GPS POS DISAGREE
 or
FUEL F.USED/FOB DISAGREE
 or
MINIMUM or HUNDRED ABOVE callouts, possibly associated with EFIS red flags, apply the below procedure:
- Crosscheck the affected parameters on the EWD, PFD, ND, or on the related SD page to confirm that the alerts are undue.
- EIS DMC SWITCHING selector..... NORM
- Note: F/O PFD and ND are lost when EIS DMC SWITCHING selector is set to NORM.*
- If the undue ECAM alerts stop:
- Pull EIS/DMC3/SPLY (121 VU Q09) C/B and EIS/DMC3/STBY/SPLY (49 VU E10) C/B for more than 5 s and push them back.
- EIS DMC SWITCHING selector F/O 3
- If the undue ECAM alerts continue:
- EIS DMC SWITCHING selector.....F/O 3
- Wait for F/O PFD and ND recovery.
- Pull EIS/DMC1/SPLY (49 VU E11) C/B for more than 5 s and push it back.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 31 - INDICATING/RECORDING SYSTEMS 31-62 - Display Management Computer (DMC)
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31-62-03B	DMC 3
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Ident.: MO-31-62-00010599.0001001 / 05 APR 18
Applicable to: LY-COD, LY-RAM

ON GROUND OR IN FLIGHT

- In the case of multiple undue ECAM alerts concerning **ENG 1(2) N1(N2) (EGT)(FF) OVER LIMIT**
or
ENG 1(2) N1(N2)(EGT)(EPR)(FF) DISCREPANCY
or
NAV ATT(ALT1)(HDG) DISCREPANCY
or
NAV FM/GPS POS DISAGREE
or
FUEL F.USED/FOB DISAGREE

MINIMUM or HUNDRED ABOVE callouts, possibly associated with EFIS red flags, apply the below procedure:

- Crosscheck the affected parameters on the EWD, PFD, ND, or on the related SD page to confirm that the alerts are undue.
- EIS DMC SWITCHING selector.....CAPT 3

Note: CAPT PFD and ND are lost when EIS DMC SWITCHING selector is set to CAPT 3.

- **If the undue ECAM alerts stop:**
 - Pull EIS/DMC1/SPLY (49 VU E11) C/B for more than 5 s and push it back.
 - EIS DMC SWITCHING selectorNORM

- **If the undue ECAM alerts continue:**
 - EIS DMC SWITCHING selector.....NORM
 - Wait for CAPT PFD and ND recovery.
 - Pull EIS/DMC2/SPLY (121 VU Q08) C/B for more than 5 s and push it back.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 31 - INDICATING/RECORDING SYSTEMS 31-62 - Display Management Computer (DMC)
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 31 - INDICATING/RECORDING SYSTEMS 31-63 - Display Unit (DU)
------------------------------------------------------	------------------------------------------------------------------------------------------------------------

31-63-02A	PFDU 2
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Ident.: MO-31-63-00009035.0001001 / 13 MAY 20

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

● **If the PM side is affected:**

To perform RNP APCH, RNAV 10, RNAV 5, RNAV 1 / RNAV 2, RNP 4, RNP 2 and RNP 1 operations, use the PFD/ND XFR pb to temporary display ND information on the operative DU.

● **If the PF side is affected:**

- RNP APCH operations are not permitted.
- RNAV 10 operations are not permitted.
- RNAV 5 operations are not permitted.
- RNAV 1 / RNAV 2 operations are not permitted.
- RNP 4 operations are not permitted.
- RNP 2 operations are not permitted.
- RNP 1 operations are not permitted.

Maximum landing capability is CAT 2.

ON GROUND OR IN FLIGHT

PFDU 2 knob..... OFF

31-63-03A	NDU 1
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Ident.: MO-31-63-00009036.0001001 / 13 MAY 20

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

● **If the PM side is affected:**

To perform RNP APCH, RNAV 10, RNAV 5, RNAV 1 / RNAV 2, RNP 4, RNP 2 and RNP 1 operations, use the PFD/ND XFR pb to temporary display ND information on the operative DU.

● **If the PF side is affected:**

- RNP APCH operations are not permitted.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 31 - INDICATING/RECORDING SYSTEMS 31-63 - Display Unit (DU)
------------------------------------------------------	------------------------------------------------------------------------------------------------------------

Continued from the previous page

- RNAV 10 operations are not permitted.
- RNAV 5 operations are not permitted.
- RNAV 1 / RNAV 2 operations are not permitted.
- RNP 4 operations are not permitted.
- RNP 2 operations are not permitted.
- RNP 1 operations are not permitted.

Maximum landing capability is CAT 2.

ON GROUND OR IN FLIGHT

NDU 1 knob..... OFF

31-63-04A	NDU 2
-----------	-------

Ident.: MO-31-63-00009037.0001001 / 13 MAY 20

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

- If the PM side is affected:**

To perform RNP APCH, RNAV 10, RNAV 5, RNAV 1 / RNAV 2, RNP 4, RNP 2 and RNP 1 operations, use the PFD/ND XFR pb to temporary display ND information on the operative DU.
- If the PF side is affected:**
 - RNP APCH operations are not permitted.
 - RNAV 10 operations are not permitted.
 - RNAV 5 operations are not permitted.
 - RNAV 1 / RNAV 2 operations are not permitted.
 - RNP 4 operations are not permitted.
 - RNP 2 operations are not permitted.
 - RNP 1 operations are not permitted.

Maximum landing capability is CAT 2.

ON GROUND OR IN FLIGHT

NDU 2 knob..... OFF

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 31 - INDICATING/RECORDING SYSTEMS 31-63 - Display Unit (DU)
------------------------------------------------------	------------------------------------------------------------------------------------------------------------

31-63-05A	SDU
------------------	------------

Ident.: MO-31-63-00009038.0001001 / 15 FEB 18

Applicable to: ALL

ON GROUND OR IN FLIGHT

SDU knob OFF

- **In the case of alerts being displayed on the EWD:**
Use the ECAM/ND SWITCHING selector to display the system page on the selected NDU.
- **In the case of failure of the AC BUS 1:**
 - **If all the Display Units are lost:**
Apply the **ELEC AC ESS BUS FAULT** alert procedure: *Refer to FCOM/PRO-ABN-ELEC-ELEC AC ESS BUS FAULT.*

Note: *The AC ESS BUS is recovered when the AC ESS FEED pb-sw is set to ALTN.*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 31 - INDICATING/RECORDING SYSTEMS 31-63 - Display Unit (DU)
------------------------------------------------------	------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 31 - INDICATING/RECORDING SYSTEMS 31-68 - Switching Panel
------------------------------------------------------	----------------------------------------------------------------------------------------------------------

31-68-05A	PFD/ND XFR pb on the Lateral Instrument Panel
------------------	------------------------------------------------------

Ident.: MO-31-68-00009039.0001001 / 11 MAR 10
Applicable to: ALL

DURING COCKPIT PREPARATION

- **On the side where the PFD/ND XFR pb is inoperative:**
 - PFD brightness control knob..... OFF
 - Check that the PFD image is automatically displayed on the NDU.
 - PFD brightness control knob..... On
- **If the PFD image is not automatically displayed on the NDU:**

The affected side cannot be used by the Pilot Flying.
- **On the side where the PFD to ND automatic switching is inoperative:**
 - PFD brightness control knob..... OFF
 - EIS DMC SWITCHING selector (Affected side)..... CAPT 3 (F/O 3)
 - Check that the PFD image is displayed on the associated NDU.
 - PFD brightness control knob..... On
 - EIS DMC SWITCHING knob (Affected side)..... NORM

IN FLIGHT

- **If a PFDU fails with no automatic transfer to the associated NDU:**
 - PFD brightness control knob..... OFF
 - EIS DMC SWITCHING selector (Affected side)..... CAPT 3 (F/O 3)
 - Check that the PFD image is displayed on the associated NDU.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 31 - INDICATING/RECORDING SYSTEMS 31-68 - Switching Panel
------------------------------------------------------	----------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-07 - Indications on the <u>WHEEL</u> SD page
-------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------

32-07-01A 32-07-01B	Brakes Temperature Indication on the <u>WHEEL</u> SD page
--------------------------------------	------------------------------------------------------------------

Ident.: MO-32-07-00009012.0003001 / 28 JUN 11

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

FLIGHT PREPARATION/LIMITATIONS

The brake energy graph and the brake cooling time table given hereafter permit to determine the ground brake cooling time.

BRAKE ENERGY GRAPH

■ If MAX reverser thrust was selected for all reversers during the braking phase:

Enter the brake energy graph: WITH THRUST REVERSERS USE.

■ If MAX reverser thrust was NOT selected for all reversers during the braking phase:

Enter the brake energy graph: WITHOUT THRUST REVERSERS USE.

Determination of the brake energy accumulated during a REJECTED TAKEOFF (RTO) :

- Enter with the aircraft takeoff weight (TOW) and with the rejected takeoff speed in kt IAS).
- Apply airport pressure altitude, temperature, wind and runway slope corrections.

Determination of the brake energy accumulated during a LANDING :

- Enter with the aircraft landing weight, and
- Enter with the touch down speed in kt IAS if the autobrake was selected and applied or with the manual braking speed in kt IAS in the other cases.
- Apply airport pressure altitude, temperature, wind and runway slope corrections.
- Correct for brake setting with a preselected autobrake setting (LO, MED) or with MAX PEDAL braking in the other cases.

Note: *In the case of a dispatch with one brake inoperative (Refer to Item 32-42-01 Main Wheel Brake or Refer to Item 32-42-02 Green System Brake), the brake energy accumulated is increased by 34 %.*

Continued on the following page

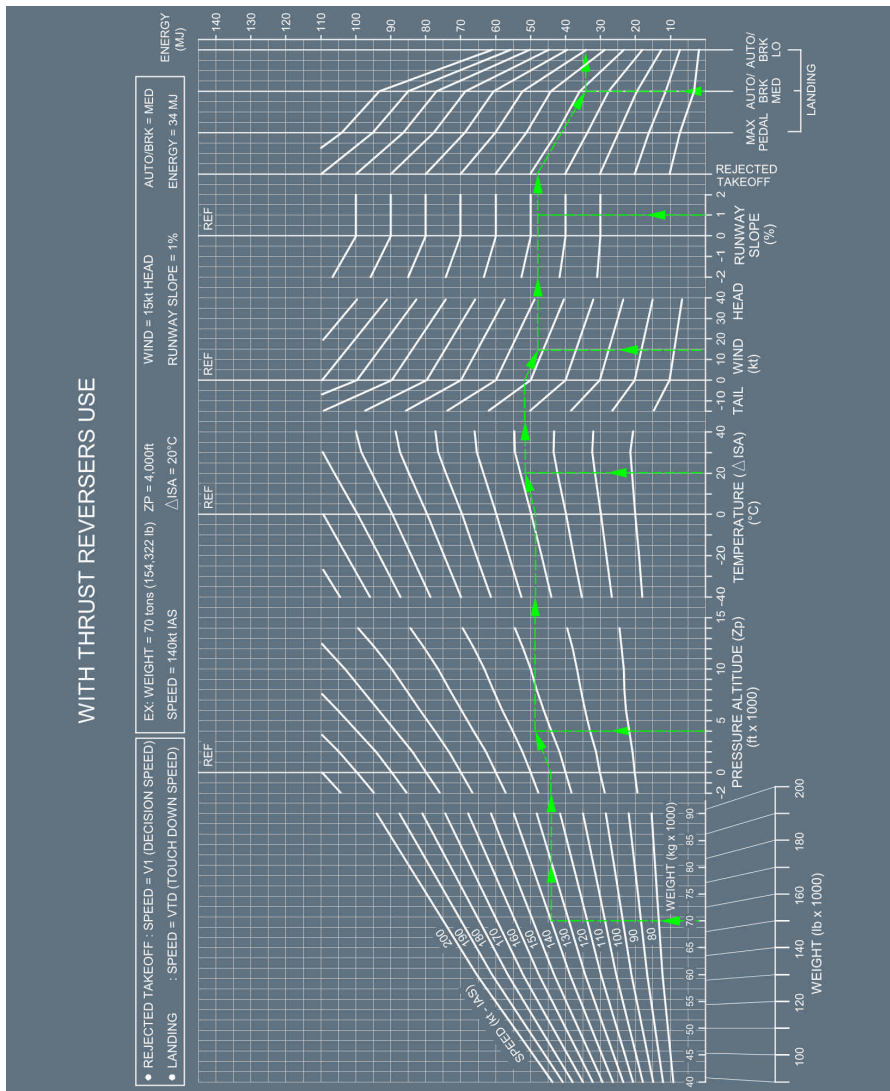
MEL OPERATIONAL PROCEDURES

32 - LANDING GEAR

32-07 - Indications on the WHEEL SD page

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Brake Energy with Thrust Reverser Use



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A318/A319/A320/A321
MINIMUM EQUIPMENT LIST

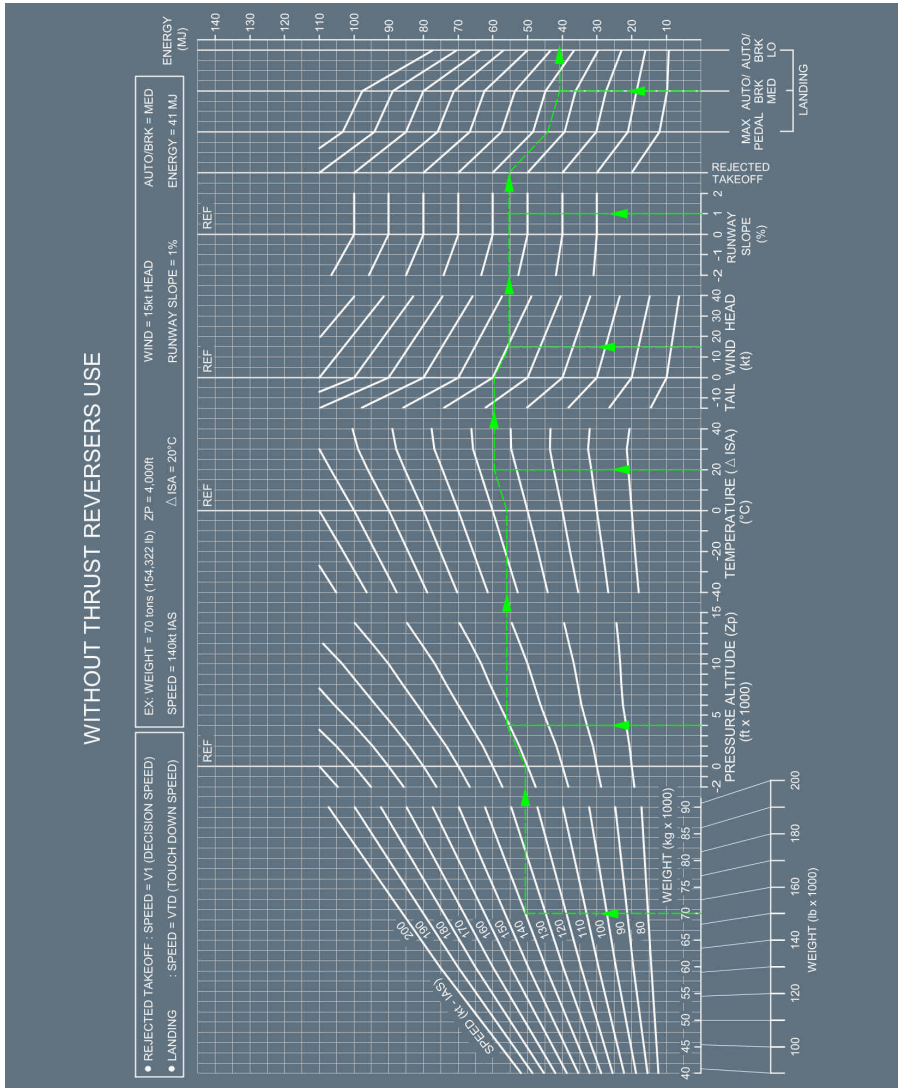
MEL OPERATIONAL PROCEDURES

32 - LANDING GEAR

32-07 - Indications on the WHEEL SD page

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Brake Energy without Thrust Reverser Use



Continued on the following page

MEL OPERATIONAL PROCEDURES

32 - LANDING GEAR

32-07 - Indications on the WHEEL SD page

Continued from the previous page

BRAKE COOLING TIME TABLE

Determination of the brake cooling time:

EXAMPLE:

55	152 46	153 46	154 46	155 46	155 47	====> TIME (min) WITHOUT BRAKE COOLING FAN
						====> TIME (min) WITH BRAKE COOLING FAN

If the Energy and the OAT are not given in the table, use the values given in the next adjacent column/row.

For Example, with Energy = 78 MJ, and OAT = 15 °C, entering the next adjacent column/row (Energy = 80 MJ, OAT = 20 °C) gives the following results:

- Without brake cooling fan: 189 min
- With brake cooling fan: 57 min

Enter the following table with the energy and the OAT to determine the ground brake cooling time.

GROUND BRAKE COOLING TIME (min)													
ENERGY (MJ)	OAT (°C)												
	-50	-40	-30	-20	-10	0	10	20	30	40	50	55	
0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
5	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
10	0 0	0 0	0 0	4 1	9 3	14 4	19 6	23 7	27 8	31 9	35 10	37 11	
15	31 9	35 10	38 11	42 12	45 13	48 14	51 15	54 16	57 17	60 18	62 19	64 19	
20	59 18	62 19	65 19	67 20	70 21	72 22	74 22	77 23	79 24	81 24	83 25	84 25	
25	81 24	83 25	85 25	87 26	89 27	91 27	92 28	94 28	96 29	98 29	99 30	100 30	
30	98 29	99 30	101 30	103 31	104 31	106 32	107 32	109 33	110 33	112 34	113 34	114 34	
35	112 34	113 34	115 34	116 35	117 35	119 36	120 36	121 36	123 37	124 37	125 38	126 38	
40	124 37	125 37	126 38	127 38	129 39	130 39	131 39	132 40	133 40	134 40	135 41	136 41	
45	134 40	135 41	136 41	137 41	139 42	140 42	141 42	142 42	143 43	144 43	145 43	145 44	
50	144 43	145 43	146 44	146 44	147 44	148 45	149 45	150 45	151 45	152 46	153 46	153 46	

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-07 - Indications on the WHEEL SD page
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------

Continued from the previous page

GROUND BRAKE COOLING TIME (min)												
ENERGY (MJ)	OAT (°C)											
	-50	-40	-30	-20	-10	0	10	20	30	40	50	55
55	152	153	154	155	155	156	157	158	159	160	160	161
	46	46	46	46	47	47	47	47	48	48	48	48
60	160	160	161	162	163	164	164	165	166	167	167	168
	48	48	48	49	49	49	49	50	50	50	50	50
65	167	167	168	169	170	170	171	172	172	173	174	174
	50	50	50	51	51	51	51	52	52	52	52	52
70	173	174	174	175	176	176	177	178	178	179	180	180
	52	52	52	53	53	53	53	53	54	54	54	54
75	179	180	180	181	182	182	183	183	184	185	185	186
	54	54	54	54	54	55	55	55	55	55	56	56
80	185	185	186	186	187	188	188	189	189	190	190	191
	55	56	56	56	56	56	56	57	57	57	57	57
85	190	190	191	191	192	193	193	194	194	195	195	196
	57	57	57	57	58	58	58	58	58	58	59	59
90	195	195	196	196	197	197	198	198	199	199	200	200
	58	59	59	59	59	59	59	60	60	60	60	60
95	199	200	200	201	201	202	202	203	203	204	204	205
	60	60	60	60	60	61	61	61	61	61	61	61
100	204	204	205	205	206	206	207	207	208	208	208	209
	61	61	61	62	62	62	62	62	62	62	63	63
105	208	208	209	209	210	210	211	211	212	212	212	213
	62	63	63	63	63	63	63	63	63	64	64	64
110	212	212	213	213	214	214	215	215	215	216	216	216
	64	64	64	64	64	64	64	64	65	65	65	65
115	216	216	217	217	217	218	218	219	219	219	220	220
	65	65	65	65	65	65	65	66	66	66	66	66
120	219	220	220	221	221	221	222	222	222	223	223	223
	66	66	66	66	66	66	67	67	67	67	67	67

A320

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AFTER ENGINE START

- In the case of a false **BRAKES HOT** alert displayed on the EWD:

EMER CANC pb Press

Note: In the case of a false **BRAKES HOT** alert due to a faulty BTMU or a faulty BSCU, the "T.O CONFIG NORMAL" line will not replace the "T.O CONFIG . . TEST" line in the T.O MEMO. Consider normal configuration for takeoff provided that no alert was displayed during the T.O CONFIG TEST.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-07 - Indications on the WHEEL SD page
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------

Continued from the previous page

CAUTION	The T.O CONFIG TEST pb must be maintained pressed to check that there is no alert.
----------------	------------------------------------------------------------------------------------

32-07-01A 32-07-01B	Brakes Temperature Indication on the <u>WHEEL</u> SD page
--------------------------------------	------------------------------------------------------------------

Ident.: MO-32-07-00009012.0001001 / 04 NOV 15

Applicable to: LY-COD, LY-RAM

FLIGHT PREPARATION/LIMITATIONS

The brake energy graph and the brake cooling time table given hereafter permit to determine the ground brake cooling time.

BRAKE ENERGY GRAPH

- **If MAX reverser thrust was selected for all reversers during the braking phase:**
Enter the brake energy graph: WITH THRUST REVERSERS USE.
- **If MAX reverser thrust was NOT selected for all reversers during the braking phase:**
Enter the brake energy graph: WITHOUT THRUST REVERSERS USE.

Determination of the brake energy accumulated during a REJECTED TAKEOFF (RTO) :

- Enter with the aircraft takeoff weight (TOW) and with the rejected takeoff speed in kt IAS).
- Apply airport pressure altitude, temperature, wind and runway slope corrections.

Determination of the brake energy accumulated during a LANDING :

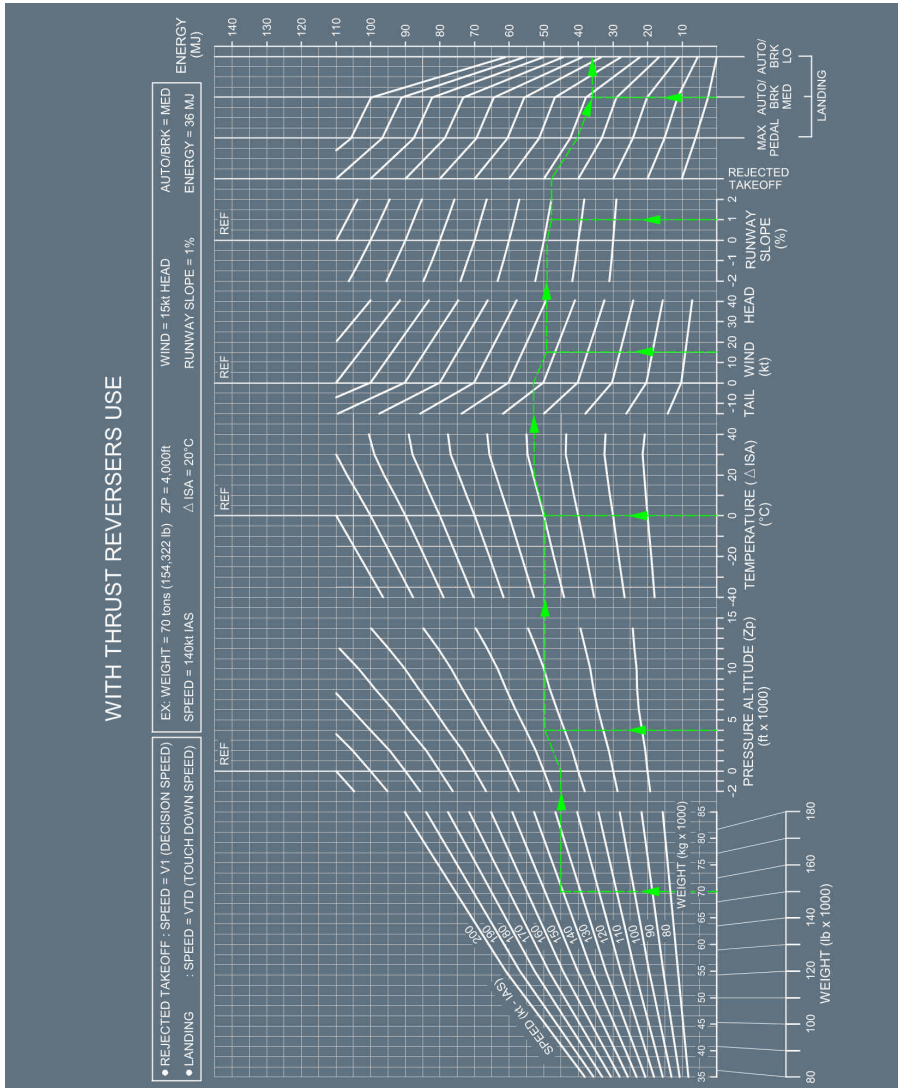
- Enter with the aircraft landing weight, and
- Enter with the touch down speed in kt IAS if the autobrake was selected and applied or with the manual braking speed in kt IAS in the other cases.
- Apply airport pressure altitude, temperature, wind and runway slope corrections.
- Correct for brake setting with a preselected autobrake setting (LO, MED) or with MAX PEDAL braking in the other cases.

Note: *In the case of a dispatch with one brake inoperative (Refer to Item 32-42-01 Main Wheel Brake or Refer to Item 32-42-02 Green System Brake), the brake energy accumulated is increased by 34 %.*

Continued on the following page

Continued from the previous page

Brake Energy with Thrust Reverser Use



Continued on the following page

32-07 - Indications on the WHEEL SD page

Brake Energy without Thrust Reverser Use



A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-07 - Indications on the WHEEL SD page
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------

Continued from the previous page

BRAKE COOLING TIME TABLE

EXAMPLE:

55	152 46	153 46	154 46	155 46	155 47	=====> TIME (min) WITHOUT BRAKE COOLING FAN =====> TIME (min) WITH BRAKE COOLING FAN
-----------	-----------	-----------	-----------	-----------	-----------	-----------------------------------------------------------------------------------------

If the Energy and the OAT are not given in the table, use the values given in the next adjacent column/row.

For Example, with Energy = 78 MJ, and OAT = 15 °C, entering the next adjacent column/row (Energy = 80 MJ, OAT = 20 °C) gives the following results:

- Without brake cooling fan: 189 min
- With brake cooling fan: 57 min

Enter the following table with the energy and the OAT to determine the ground brake cooling time.

GROUND BRAKE COOLING TIME (min)												
ENERGY (MJ)	OAT (°C)											
	-50	-40	-30	-20	-10	0	10	20	30	40	50	55
0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
5	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
10	0 0	0 0	0 0	4 1	9 3	14 4	19 6	23 7	27 8	31 9	35 10	37 11
15	31 9	35 10	38 11	42 12	45 13	48 14	51 15	54 16	57 17	60 18	62 19	64 19
20	59 18	62 19	65 19	67 20	70 21	72 22	74 22	77 23	79 24	81 24	83 25	84 25
25	81 24	83 25	85 25	87 26	89 27	91 27	92 28	94 28	96 29	98 29	99 30	100 30
30	98 29	99 30	101 30	103 31	104 31	106 32	107 32	109 33	110 33	112 34	113 34	114 34
35	112 34	113 34	115 34	116 35	117 35	119 36	120 36	121 36	123 37	124 37	125 38	126 38
40	124 37	125 37	126 38	127 38	129 39	130 39	131 39	132 40	133 40	134 40	135 41	136 41
45	134 40	135 41	136 41	137 41	139 42	140 42	141 42	142 42	143 43	144 43	145 43	145 44
50	144 43	145 43	146 44	146 44	147 44	148 45	149 45	150 45	151 45	152 46	153 46	153 46
55	152 46	153 46	154 46	155 46	155 47	156 47	157 47	158 47	159 48	160 48	160 48	161 48

Continued on the following page

MEL OPERATIONAL PROCEDURES

32 - LANDING GEAR

32-07 - Indications on the WHEEL SD page

Continued from the previous page

GROUND BRAKE COOLING TIME (min)												
ENERGY (MJ)	OAT (°C)											
	-50	-40	-30	-20	-10	0	10	20	30	40	50	55
60	160	160	161	162	163	164	164	165	166	167	167	168
	48	48	48	49	49	49	49	50	50	50	50	50
65	167	167	168	169	170	170	171	172	172	173	174	174
	50	50	50	51	51	51	51	52	52	52	52	52
70	173	174	174	175	176	176	177	178	178	179	180	180
	52	52	52	53	53	53	53	53	54	54	54	54
75	179	180	180	181	182	182	183	183	184	185	185	186
	54	54	54	54	54	55	55	55	55	55	56	56
80	185	185	186	186	187	188	188	189	189	190	190	191
	55	56	56	56	56	56	56	57	57	57	57	57
85	190	190	191	191	192	193	193	194	194	195	195	196
	57	57	57	57	58	58	58	58	58	58	59	59
90	195	195	196	196	197	197	198	198	199	199	200	200
	58	59	59	59	59	59	59	60	60	60	60	60
95	199	200	200	201	201	202	202	203	203	204	204	205
	60	60	60	60	60	61	61	61	61	61	61	61
100	204	204	205	205	206	206	207	207	208	208	208	209
	61	61	61	62	62	62	62	62	62	62	63	63
105	208	208	209	209	210	210	211	211	212	212	212	213
	62	63	63	63	63	63	63	63	63	64	64	64
110	212	212	213	213	214	214	215	215	215	216	216	216
	64	64	64	64	64	64	64	64	65	65	65	65
115	216	216	217	217	217	218	218	219	219	219	220	220
	65	65	65	65	65	65	65	66	66	66	66	66
120	219	220	220	221	221	221	222	222	222	223	223	223
	66	66	66	66	66	66	67	67	67	67	67	67
A319	Messier/Goodrich - 03.01.05 - F476021.txt											

AFTER ENGINE START

- In the case of a false **BRAKES HOT** alert displayed on the EWD:

EMER CANC pb Press

Note: In the case of a false **BRAKES HOT** alert due to a faulty BTMU or a faulty BSCU, the "T.O CONFIG NORMAL" line will not replace the "T.O CONFIG . . TEST" line in the T.O MEMO. Consider normal configuration for takeoff provided that no alert was displayed during the T.O CONFIG TEST.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-07 - Indications on the WHEEL SD page
------------------------------------------------------	-----------------------------------------------------------------------------------------------------------

Continued from the previous page

CAUTION	<i>The T.O CONFIG TEST pb must be maintained pressed to check that there is no alert.</i>
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32-07-03A	L/G Doors Position Indication on the <u>WHEEL</u> SD page
------------------	------------------------------------------------------------------

Ident.: MO-32-07-00009013.0001001 / 28 JUN 11

Applicable to: ALL

IN FLIGHT

MAX SPEED.....250 kt or M 0.60

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-07 - Indications on the WHEEL SD page
------------------------------------------------------	-----------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-09 - ECAM Alerts
------------------------------------------------------	--------------------------------------------------------------------------------------

32-09-01C	BRAKES-N/WS MINOR FAULT Alert (Alternate braking checked operative)
------------------	--------------------------------------------------------------------------------------

Ident.: MO-32-09-00009197.0001001 / 18 JUL 12
Applicable to: LY-COD, LY-RAM

DURING COCKPIT PREPARATION

- The ACCU PRESS indication must be in the green band.
- **If ACCU PRESS indication not in the green band:**
 - Y ELEC PUMP pb-sw..... ON then OFF
 - CHOCKS.....CHECK IN PLACE
 - PARKING BRAKE handle..... OFF
 - PARKING PEDALS..... PRESS
 - Apply maximum pressure on both pedals.*
 - BRAKE PRESSURE (on BRAKES pressure indicators)..... CHECK
 - Pressure must increase without delay symmetrically on left and right sides for the same application simultaneously applied on left and right pedals. With full pedal deflection, the pressure must be between 900 PSI and 1 100 PSI.*
 - BRAKES PEDALS..... RELEASE
 - Check that no residual pressure in the brakes remains.*
 - PARKING BRAKE handle.....ON

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-09 - ECAM Alerts
------------------------------------------------------	--------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-31 - Normal Extension and Retraction
------------------------------------------------------	----------------------------------------------------------------------------------------------------------

32-31-01A	Landing Gear Control and Interface Unit (LGCIU)
------------------	--------------------------------------------------------




Ident.: MO-32-31-00008975.0002001 / 19 MAY 21

Applicable to: LY-COD, LY-RAM

DURING COCKPIT PREPARATION

- HYDRAULIC/LGCIU/SYS2 (121VU Q35) C/B PULL
- LGCIU/BAT SPLY/SYS2 (121VU R33) C/B PULL







The following table gives the consequences on the systems affected when the LGCIU 2 is inoperative and above mentioned C/B are pulled.

SYSTEMS	CONSEQUENCES	PROCEDURE
AVNCS VENT (on ground)	<ul style="list-style-type: none"> The system remains in closed circuit configuration. The ground cooling system  is inoperative. 	<ul style="list-style-type: none"> Time limitations on ground for ELEC PWR supply: <ul style="list-style-type: none"> - OAT ≤ 43 °C: No Limitation - 44 °C ≤ OAT ≤ 52 °C: 3 h - OAT ≥ 53 °C: 30 min Check that the air conditioning system is operative.
HYD (on ground)	The PTU runs after the first engine start until the second engine is started.	
	The BLUE ELEC PUMP FAULT light and the YELLOW ENG 2 PUMP FAULT light come on when engines are off.	
TPIS 	The WHEEL TYRE LO PR alert threshold is set to flight level.	
ATC 2 (on ground)	The ATC 2 is not inhibited.	On ground, set the ATC selector to SYS 1.
LIGHTS	The strobe lights  are not inhibited on ground when set to AUTO.	On ground, set the STROBE sw to OFF.
	On ground, with flaps retracted, logo lights do not come on.	
	The taxi light, the runway turn-off light, and the takeoff light are inoperative on ground and in flight.	
ELEC (on ground)	When only the APU generator or the GPU supplies the aircraft, the main galleys are not supplied.	

Continued on the following page





A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-31 - Normal Extension and Retraction
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------

Continued from the previous page

SYSTEMS	CONSEQUENCES	PROCEDURE
ENG 2 (on ground)	The FADEC supply is continuously on.	
	The automatic start abort is inoperative.	Use the MAN START procedure. <i>Refer to FCOM/PRO-NOR-SUP-ENG Manual Engine Start - Procedure</i>
	The minimum idle is inoperative when slats/flaps are extended.	<i>Refer to OpsProc 73-20-05A Minimum Idle on Ground</i>
	When FLX TO is selected, MCT thrust is set.	Use the TOGA for takeoff.
	The thrust reverser is inoperative.	<i>Refer to OpsProc 78-30-01A Thrust Reverser</i>
	The BUMP function  is inoperative.	Do not use the BUMP function.
SLATS (on ground)	The slats are slow from 1 to 0.	
AIR COND (on ground)	Both air conditioning packs ram air inlet do not close.	
WING A ICE (on ground)	On ground, when set to ON, the WING A ICE valve do not close at the end of the test sequence (30 s). The WING A ICE OPEN ON GND alert will be displayed on the EWD.	
ADIRU and AVNCS VENT alert	The horn and the light are inoperative.	
WATER SERVICING (on ground)	The preselect water servicing is inoperative.	
CARGO DOOR (FWD and AFT)	Only the manual control is operative.	
RECORDERS (on ground)	The CVR test and the CVR erase functions are inoperative. The CVR and the DFDR do not stop after engine shutdown.	
BRAKES (on ground)	The brakes cooling  is inoperative.	
AIRSTAIRS 	The airstairs  cannot be extended.	
WEIGHT AND BALANCE SYSTEM 	The WBS  is inoperative.	

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-31 - Normal Extension and Retraction
------------------------------------------------------	----------------------------------------------------------------------------------------------------------

SYSTEMS	CONSEQUENCES	PROCEDURE
ECAM (in flight and on ground)	<ul style="list-style-type: none"> On the <u>WHEEL</u> SD page, the landing gear position indications associated with the LGCIU 2 are displayed XX. The L/G LGCIU 2 FAULT alert is displayed on the EWD. 	
FTIS 	FTIS  is inoperative.	
NAV PRED W/S System 	The Predictive Windshear Detection System  is inoperative.	

IN FLIGHT

● **In the case of loss of the LGCIU 1:**

AP and FD are lost.

Maximum landing capability is CAT 1.

32-31-01A	Landing Gear Control and Interface Unit (LGCIU)
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Ident.: MO-32-31-00008975.0004001 / 18 AUG 21

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

2 DURING COCKPIT PREPARATION




- HYDRAULIC/LGCIU/SYS2 (121VU Q35) C/B PULL
- LGCIU/BAT SPLY/SYS2 (121VU R33) C/B PULL

The following table gives the consequences on the systems affected when the LGCIU 2 is inoperative and above mentioned C/B are pulled.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-31 - Normal Extension and Retraction
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------


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SYSTEMS	CONSEQUENCES	PROCEDURE
AVNCS VENT (on ground)	<ul style="list-style-type: none"> The system remains in closed circuit configuration. The ground cooling system  is inoperative. 	<ul style="list-style-type: none"> Time limitations on ground for ELEC PWR supply: <ul style="list-style-type: none"> - OAT ≤ 43 °C: No Limitation - 44 °C ≤ OAT ≤ 52 °C: 3 h - OAT ≥ 53 °C: 30 min Check that the air conditioning system is operative.
HYD (on ground)	The PTU runs after the first engine start until the second engine is started.	
	The BLUE ELEC PUMP FAULT light and the YELLOW ENG 2 PUMP FAULT light come on when engines are off.	
TPIS 	The WHEEL TYRE LO PR alert threshold is set to flight level.	
ATC 2 (on ground)	The ATC 2 is not inhibited.	On ground, set the ATC selector to SYS 1.
LIGHTS	The strobe lights  are not inhibited on ground when set to AUTO.	On ground, set the STROBE sw to OFF.
	On ground, with flaps retracted, logo lights do not come on.	
	The taxi light, the runway turn-off light, and the takeoff light are inoperative on ground and in flight.	
ELEC (on ground)	When only the APU generator or the GPU supplies the aircraft, the main galleys are not supplied.	

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-31 - Normal Extension and Retraction
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SYSTEMS	CONSEQUENCES	PROCEDURE
ENG 2 (on ground)	The FADEC supply is continuously on.	
	The automatic start abort is inoperative.	Use the MAN START procedure. <i>Refer to FCOM/PRO-NOR-SUP-ENG Manual Engine Start - Procedure</i>
	ENG 2 START FAULT alert associated with HUNG START subtitle may trigger during manual ENG 2 start.	The flight crew may attempt another manual engine start using the following procedure: <ul style="list-style-type: none"> ● Before ENG 2 start, PUSH the following C/Bs: <ul style="list-style-type: none"> - HYDRAULIC/LGCIU/SYS2 (121VU Q35) C/B - LGCIU/BAT SPLY/SYS2 (121VU R33) C/B ■ If ENG 2 start is successful, PULL the following C/Bs: <ul style="list-style-type: none"> - HYDRAULIC/LGCIU/SYS2 (121VU Q35) C/B - LGCIU/BAT SPLY/SYS2 (121VU R33) C/B ■ If ENG 2 start is not successful: Report the “no start condition” to maintenance for appropriate action.
	The minimum idle is inoperative when slats/flaps are extended.	<i>Refer to OpsProc 73-20-05A Minimum Idle on Ground</i>
	When FLX TO is selected, MCT thrust is set.	Use the TOGA for takeoff.
	The thrust reverser is inoperative.	<i>Refer to OpsProc 78-30-01A Thrust Reverser</i>
	The BUMP function  is inoperative.	Do not use the BUMP function.
SLATS (on ground)	The slats are slow from 1 to 0.	
AIR COND (on ground)	Both air conditioning packs ram air inlet do not close.	
WING A ICE (on ground)	On ground, when set to ON, the WING A ICE valve do not close at the end of the test sequence (30 s). The WING A ICE OPEN ON GND alert will be displayed on the EWD.	
ADIRU and AVNCS VENT alert	The horn and the light are inoperative.	

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-31 - Normal Extension and Retraction
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------

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SYSTEMS	CONSEQUENCES	PROCEDURE
WATER SERVICING (on ground)	The preselect water servicing is inoperative.	
CARGO DOOR (FWD and AFT)	Only the manual control is operative.	
RECORDERS (on ground)	The CVR test and the CVR erase functions are inoperative. The CVR and the DFDR do not stop after engine shutdown.	
BRAKES (on ground)	The brakes cooling  is inoperative.	
AIRSTAIRS 	The airstairs  cannot be extended.	
WEIGHT AND BALANCE SYSTEM 	The WBS  is inoperative.	
ECAM (in flight and on ground)	<ul style="list-style-type: none"> On the <u>WHEEL</u> SD page, the landing gear position indications associated with the LGCIU 2 are displayed XX. The <u>L/G LGCIU 2 FAULT</u> alert is displayed on the EWD. 	
FTIS 	FTIS  is inoperative.	
NAV PRED W/S System 	The Predictive Windshear Detection System  is inoperative.	

IN FLIGHT

● **In the case of loss of the LGCIU 1:**

AP and FD are lost.

Maximum landing capability is CAT 1.

32-31-02A	Landing Gear Retracting System
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Ident.: MO-32-31-00008977.0001001 / 17 NOV 20

Applicable to: **ALL**

Refer to *FCOM/PRO-NOR-SUP-LG_DN FLIGHT WITH GEAR DOWN* and determine the associated Flight Manual performance penalties with the OCTOPUS program.




A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-32 - Proximity Detector System
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------

32-32-02A	LGCIU 2 RH L/G Shock Absorber Proximity Detector
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Ident.: MO-32-32-00008978.0002001 / 13 MAY 20

Applicable to: ALL


GENERAL INFORMATION

SYSTEMS	CONSEQUENCES	PROCEDURES
PITOTS (on ground)	The F/O pitot is set to high heating level when the EXT PWR pb is set to OFF.	Keep the EXT PWR pb set to ON until the engine start.
AVNCS VENT (on ground)	<ul style="list-style-type: none"> The system remains in the closed circuit configuration. The ground cooling system  is inoperative. 	<ul style="list-style-type: none"> Time limitations on ground for ELEC PWR supply: <ul style="list-style-type: none"> OAT ≤ 43 °C: No limitation OAT = 52 °C: 3 h OAT = 61 °C: 30 min Check that the air conditioning system is operative.
ADIRU and AVNCS VENT alert (on ground)	The horn and the light are inoperative.	
HYD alerts (on ground)	The BLUE ELEC PUMP FAULT light and the YELLOW ENG 2 PUMP FAULT light come on when engines are off.	
WING A/ICE (on ground)	The wing anti-ice is not inhibited.	On ground, do not set the WING ANTI ICE pb-sw to ON for more that 30 s. If required, set it to ON just before takeoff.
TPIS  (on ground)	The WHEEL TYRE LO PR alert threshold is set to flight level.	
ATC 2 (on ground)	The ATC 2 is not inhibited.	On ground, set the ATC selector to SYS 1.
LIGHTS (on ground)	The strobe lights  are not inhibited. On ground, with flaps retracted, the logo lights do not come on.	On ground, set the STROBE sw to OFF.
ELEC (on ground)	When only the APU generator or GPU supplies the aircraft, the main galleys are not supplied.	

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL OPERATIONAL PROCEDURES</div> <div>32 - LANDING GEAR</div> <div>32-32 - Proximity Detector System</div>
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SYSTEMS	CONSEQUENCES	PROCEDURES
ENG 2 (on ground)	The FADEC supply is continuously on.	
	The automatic start abort is inoperative.	Use the MAN START procedure. Refer to FCOM/PRO-NOR-SUP-ENG Manual Engine Start - Procedure
	The minimum idle is inoperative.	Refer to OpsProc 73-20-05A Minimum Idle on Ground
	When FLX TO is selected, MCT thrust is set.	Use the TOGA for takeoff.
	The thrust Reverser is inoperative.	Refer to OpsProc 78-30-01A Thrust Reverser
SLATS (on ground)	The slats are slow from 1 to 0.	
CARGO DOOR (on ground)	Only the manual control is operative.	
AIR COND (on ground)	The air conditioning pack 2 ram air inlet does not close.	
WATER SERVICING (on ground)	The preselect water servicing is inoperative.	
AIRSTAIRS  (on ground)	The airstairs cannot be extended.	
RECORDERS (on ground)	The CVR test and the CVR erase functions are inoperative. The CVR and the DFDR do not stop after engine shutdown.	
ECAM (in flight and on ground)	<ul style="list-style-type: none"> On the <u>WHEEL</u> SD page, the landing gear position indications associated with the LGCIU 2 are displayed XX. The <u>L/G LGCIU 2 FAULT</u> alert is displayed on the EWD. 	





A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-32 - Proximity Detector System
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32-32-03A	LGCIU 2 LH L/G Shock Absorber Proximity Detector
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Ident.: MO-32-32-00008988.0016001 / 13 MAY 20

1 Applicable to: ALL

GENERAL INFORMATION

SYSTEMS	CONSEQUENCES	PROCEDURES
PITOTS (on ground)	The CAPT pitot is set to the high heating level when the EXT PWR pb is set to OFF.	Keep the EXT PWR pb set to ON until engine start.
AVNCS VENT (on ground)	<ul style="list-style-type: none"> The system remains in the closed circuit configuration The ground cooling system  is inoperative. 	<ul style="list-style-type: none"> Time limitations on ground for ELEC PWR supply: <ul style="list-style-type: none"> OAT ≤ 42 °C: No limitation OAT = 53 °C: 3 h OAT = 61 °C: 30 min Check that the air conditioning system is operative.
ADIRU and AVNCS VENT alert (on ground)	The horn and the light are inoperative.	
HYD alerts (on ground)	The BLUE ELEC PUMP FAULT light and the YELLOW ENG 2 PUMP FAULT light come on when engines are off.	
TPIS  (on ground)	The WHEEL TYRE LO PR alert threshold is set to flight level.	
LIGHTS (on ground)	The strobe lights  are not inhibited.	On ground, set the STROBE sw to OFF.
	On ground, with flaps retracted, the logo lights do not come on.	
ELEC (on ground)	When only the APU generator or GPU supplies the aircraft, the main galleys are not supplied.	
ENG 2 (on ground)	The FADEC supply is continuously on.	
	The automatic start abort is inoperative.	Use the MAN START procedure. <i>Refer to FCOM/PRO-NOR-SUP-ENG Manual Engine Start - Procedure</i>
	The minimum idle is inoperative.	<i>Refer to OpsProc 73-20-05A Minimum Idle on Ground</i>
	When FLX TO selected, MCT thrust is set.	Use the TOGA for takeoff.
	The thrust reverser is inoperative.	<i>Refer to OpsProc 78-30-01A Thrust Reverser</i>
	The BUMP function  is inoperative.	Do not use the BUMP function.
SLATS (on ground)	The slats are slow from 1 to 0.	

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-32 - Proximity Detector System
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SYSTEMS	CONSEQUENCES	PROCEDURES
AIR COND (on ground)	The air conditioning pack 1 ram air inlet does not close.	
CARGO DOOR	Only the manual control is operative.	
WATER SERVICING (on ground)	The preselect water servicing is inoperative.	
RECORDERS (on ground)	The CVR test and the CVR erase functions are inoperative. The CVR and the DFDR do not stop after engine shutdown.	
ECAM (in flight and on ground)	<ul style="list-style-type: none"> On the WHEEL SD page, the landing gear position indications associated with the LGCIU 2 are displayed XX. The L/G LGCIU 2 FAULT alert is displayed on the EWD. 	

32-32-04A	LGCIU 2 Nose L/G Shock Absorber Proximity Detector
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Ident.: MO-32-32-00008989.0001001 / 13 MAY 20

Applicable to: **ALL**

GENERAL INFORMATION

SYSTEMS	CONSEQUENCES	PROCEDURES
PITOTS (on ground)	The STBY pitot is set to the high heating level when the EXT PWR pb is set to OFF. If displayed, disregard the ANTI ICE CAPT(F/O) PITOT alert on the EWD when EXT PWR pb is set to OFF.	Keep the EXT PWR pb set to ON until the engine start.
HYD (on ground)	The PTU runs after the first engine start until the second engine is started.	
ENG 2 (on ground)	The minimum idle is inoperative when slats/flaps are extended.	
ECAM (in flight and on ground)	For WHEEL SD page and ECAM alert <i>Refer to OpsProc 32-32-03A LGCIU 2 LH L/G Shock Absorber Proximity Detector</i> "ECAM" line.	

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-32 - Proximity Detector System
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32-32-05A	LGCIU 2 RH L/G Down Lock Proximity Detector
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Ident.: MO-32-32-00008990.0004001 / 06 MAY 14

2 Applicable to: ALL

GENERAL INFORMATION


SYSTEMS	CONSEQUENCES	PROCEDURES
ENG 2 (on ground)	REVERSER 2 is displayed in the INOP SYS column on the <u>STATUS</u> SD page.	The REVERSER 2 is still operative.
	The minimum idle is inoperative when slats/flaps are extended.	
ECAM (in flight and on ground)	<ul style="list-style-type: none"> On the <u>WHEEL</u> SD page, the landing gear position indications associated with the LGCIU 2 are displayed XX. The <u>L/G LGCIU 2 FAULT</u> alert is displayed on the EWD. 	

32-32-06A	LGCIU 2 LH L/G Down Lock Proximity Detector
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Ident.: MO-32-32-00008991.0010001 / 06 MAY 14

3 Applicable to: ALL

GENERAL INFORMATION

SYSTEMS	CONSEQUENCES	PROCEDURES
BRAKES	The brakes cooling  is inoperative.	
ENG 2 (on ground)	REVERSER 2 is displayed in the INOP SYS column on the <u>STATUS</u> SD page.	The REVERSER 2 is still operative.
	The minimum idle is inoperative when slats/flaps are extended.	
ECAM (in flight and on ground)	<ul style="list-style-type: none"> On the <u>WHEEL</u> SD page, the landing gear position indications associated with the LGCIU 2 are displayed XX. The <u>L/G LGCIU 2 FAULT</u> alert is displayed on the EWD. 	



A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-32 - Proximity Detector System
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32-32-07A	LGCIU 2 Nose L/G Down Lock Proximity Detector
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Ident.: MO-32-32-00008992.0001001 / 13 MAR 10

Applicable to: ALL

GENERAL INFORMATION

SYSTEMS	CONSEQUENCES
WBS  (in flight and on ground)	The WBS  is inoperative.
LIGHTS (in flight and on ground)	The Taxi light and the takeoff light are inoperative.
ECAM (in flight and on ground)	For <u>WHEEL</u> SD page and ECAM alert <i>Refer to Item 32-31-01 Landing Gear Control and Interface Unit (LGCIU) "ECAM" line.</i>

32-32-08A	LGCIU 2 RH L/G Up Lock Proximity Detector
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Ident.: MO-32-32-00008993.0004001 / 05 OCT 10

4 Applicable to: ALL

GENERAL INFORMATION

SYSTEMS	CONSEQUENCES	PROCEDURES
ENG 2 (on ground)	REVERSER 2 is displayed in the INOP SYS column on the <u>STATUS</u> SD page.	The thrust Reverser 2 is still operative.
	The minimum idle on ground is inoperative when slats/flaps are extended.	
ECAM (in flight and on ground)	For <u>WHEEL</u> SD page and ECAM alert <i>Refer to Item 32-31-01 Landing Gear Control and Interface Unit (LGCIU) "ECAM" line.</i>	

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-32 - Proximity Detector System
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32-32-09A	LGCIU 2 LH L/G Up Lock Proximity Detector
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Ident.: MO-32-32-00008994.0004001 / 17 SEP 10

5 Applicable to: ALL

GENERAL INFORMATION

SYSTEMS	CONSEQUENCES	PROCEDURES
ENG 2 (on ground)	REVERSER 2 is displayed in the INOP SYS column on the STATUS SD page.	The thrust Reverser 2 is still operative.
	The minimum idle on ground is inoperative when slats/flaps are extended.	
ECAM (in flight and on ground)	For WHEEL SD page and ECAM alert <i>Refer to Item 32-31-01 Landing Gear Control and Interface Unit (LGCIU) "ECAM" line.</i>	

32-32-10A	LGCIU 2 Nose L/G Up Lock Proximity Detector
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Ident.: MO-32-32-00009002.0004001 / 28 JUN 11

6 Applicable to: ALL

GENERAL INFORMATION

SYSTEMS	CONSEQUENCES	PROCEDURES
ENG 2 (on ground)	REVERSER 2 is displayed in the INOP SYS column on the STATUS SD page.	The thrust Reverser 2 is still operative.
	The minimum idle on ground is inoperative when slats/flaps are extended.	
ECAM (in flight and on ground)	For WHEEL SD page and ECAM alert <i>Refer to Item 32-31-01 Landing Gear Control and Interface Unit (LGCIU) "ECAM" line.</i>	

32-32-11A	LGCIU 2 RH L/G Doors Open Proximity Detector
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Ident.: MO-32-32-00008995.0001001 / 11 MAR 10

Applicable to: ALL

Refer to OpsProc 32-32-08A LGCIU 2 RH L/G Up Lock Proximity Detector

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-32 - Proximity Detector System
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32-32-12A	LGCIU 2 LH L/G Doors Open Proximity Detector
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Ident.: MO-32-32-00008996.0001001 / 11 MAR 10

Applicable to: ALL

Refer to OpsProc 32-32-09A LGCIU 2 LH L/G Up Lock Proximity Detector

32-32-13A	LGCIU 2 Nose L/G Doors Open Proximity Detector
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Ident.: MO-32-32-00008997.0001001 / 11 MAR 10

Applicable to: ALL

Refer to OpsProc 32-32-10A LGCIU 2 Nose L/G Up Lock Proximity Detector

32-32-14A	LGCIU 2 RH L/G Doors Closed Proximity Detector
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Ident.: MO-32-32-00008998.0001001 / 11 MAR 10

Applicable to: ALL

Refer to OpsProc 32-32-08A LGCIU 2 RH L/G Up Lock Proximity Detector

32-32-15A	LGCIU 2 LH L/G Doors Closed Proximity Detector
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Ident.: MO-32-32-00008999.0001001 / 11 MAR 10

Applicable to: ALL

Refer to OpsProc 32-32-09A LGCIU 2 LH L/G Up Lock Proximity Detector

32-32-16A	LGCIU 2 Nose L/G Doors Closed Proximity Detector
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Ident.: MO-32-32-00009000.0001001 / 11 MAR 10

Applicable to: ALL

Refer to OpsProc 32-32-10A LGCIU 2 Nose L/G Up Lock Proximity Detector

<p>A318/A319/A320/A321 MINIMUM EQUIPMENT LIST</p>	<p>MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-33 - Free Fall Extension</p>
--------------------------------------------------------------	-------------------------------------------------------------------------------------------------------

32-33-01A	Landing Gear Gravity Extension System
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Ident.: MO-32-33-00009003.0001001 / 17 NOV 20

Applicable to: ALL

Refer to FCOM/PRO-NOR-SUP-LG_DN FLIGHT WITH GEAR DOWN and determine the associated Flight Manual performance penalties with the OCTOPUS program.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-33 - Free Fall Extension
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-42 - Normal Braking
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32-42-01A	Main Wheel Brake
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Ident.: MO-32-42-00009004.0021001 / 18 JUL 12

Applicable to: LY-COD, LY-RAM

FLIGHT PREPARATION/LIMITATIONS

Maximum landing capability is CAT 3 Single.

The following penalties may be used for takeoff and landing performance determination if no takeoff and landing data (predetermined by using OCTOPUS program or other equivalent program with present failure case) is available.

Takeoff performance computation:

The method explained hereafter allows the determination of the MTOW and associated speeds (V1, VR, V2), by applying decrements on the MTOW and associated speeds computed in normal conditions (i.e. all systems operative). The method is based on the use of RTOW charts established at optimum V2/VS, optimum V1/VR, minimum V1.

WARNING	<ul style="list-style-type: none"> - Do not use this method with takeoff charts computed with other conditions. - Do not use this method for takeoff with tailwind. - Do not use this method for takeoff on wet or contaminated runways.
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How to proceed ?

- Read, in 0 kt wind column of the takeoff chart computed in normal condition, the MTOW and associated speeds (V1, VR, V2) corresponding to the actual temperature, even in the case of headwind (the method does not take into account the headwind benefit on takeoff performance).
- Apply the QNH and/or bleed corrections, if any, to determine the MTOW.
- Enter the following table to determine the MTOW and speed decrements.
- Applying these decrements, calculate the MTOW and associated speeds corresponding to the actual temperature.

CAUTION	Do not extrapolate below the shortest runway length provided by the table.
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DECREMENTS (ΔW , $\Delta V1$, ΔVR , $\Delta V2$) WHEN ONE BRAKE IS INOPERATIVE												
RUNWAY LENGTH (m)	CONFIGURATION											
	1+F				2				3			
	ΔW (kg/lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)	ΔW (kg/lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)	ΔW (kg/lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)
1 500	2 400/5 200	7	2	2	2 600/5 700	8	2	2	2 800/6 100	7	2	2
2 000	2 800/6 100	8	7	7	2 200/4 800	7	3	3	2 000/4 400	7	5	5
2 500	3 000/6 600	14	6	6	2 400/5 200	13	7	7	2 000/4 400	9	5	5

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL OPERATIONAL PROCEDURES</div> <div>32 - LANDING GEAR</div> <div>32-42 - Normal Braking</div>
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DECREMENTS (ΔW , $\Delta V1$, ΔVR , $\Delta V2$) WHEN ONE BRAKE IS INOPERATIVE												
RUNWAY LENGTH (m)	CONFIGURATION											
	1+F				2				3			
	ΔW (kg/lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)	ΔW (kg/lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)	ΔW (kg/lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)
3 000	4 200/9 200	23	12	12	3 400/7 400	21	11	11	5 400/11 900	18	12	12
3 500	4 400/9 700	22	14	14	6 600/14 500	18	17	17	8 400/18 500	14	12	12
4 000 and above	6 000/13 200	20	18	18	4 400/9 700	19	18	18	4 200/9 200	18	18	18

● **If the actual TOW is lower than the MTOW calculated using above method:**

The speeds determined without failure and associated with the actual TOW may be retained provided that they are all lower than the speeds calculated using above method.

Check that the corrected V1 is equal to or above the minimum V1 value shown on the RTOW chart (due to VMCG limitation).

● **If the corrected V1 is lower than the minimum V1:**

Take this last value as V1.

Further decrease the weight by 3 000 kg (6 600 lb) per kt difference between both values.

Check that the corrected VR is equal to or above the minimum VR value shown on the RTOW chart (due to VMCA limitation).

● **If the corrected VR is lower than the minimum VR:**

Takeoff cannot be performed using this method.

Check that the corrected V2 is equal to or above the minimum V2 value shown on the RTOW chart (due to VMCA limitation).

● **If the corrected V2 is lower than the minimum V2:**

Takeoff cannot be performed using this method.

Check that the corrected V2 is equal to or above the minimum V2 due to VMU limitation (see *Refer to FCOM/PER-TOF-TOD-25-20 MINIMUM V2 LIMITED BY VMU/VMCA (KT IAS)*).

● **If the corrected V2 is lower than the minimum V2:**

Takeoff cannot be performed using this method.

Landing performance computation:

Multiply the landing distances by 1.25.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-42 - Normal Braking
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FOR TAKEOFF

The autobrake function, even if available, must not be used.

- **If the above method was used for takeoff performance computation:**

Perform the takeoff using full thrust (TOGA).

- **In the case of engine failure at takeoff:**

Retract the landing gear when positive climb.

Vibrations may occur during 1 or 2 min after the retraction of the landing gear.

- **If both engines are operative:**

Keep the landing gear down for 1 min.

FOR LANDING

The autobrake function, even if available, must not be used.

32-42-01A	Main Wheel Brake
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Ident.: MO-32-42-00009004.0170001 / 18 JUL 12

Applicable to: LY-COB, LY-ELK, LY-OWL

FLIGHT PREPARATION/LIMITATIONS

Maximum landing capability is CAT 3 Single.

The following penalties may be used for takeoff and landing performance determination if no takeoff and landing data (predetermined by using OCTOPUS program or other equivalent program with present failure case) is available.

Takeoff performance computation:

The method explained hereafter allows the determination of the MTOW and associated speeds (V1, VR, V2), by applying decrements on the MTOW and associated speeds computed in normal conditions (i.e. all systems operative). The method is based on the use of RTOW charts established at optimum V2/VS, optimum V1/VR, minimum V1.

WARNING

- Do not use this method with takeoff charts computed with other conditions.
- Do not use this method for takeoff with tailwind.
- Do not use this method for takeoff on wet or contaminated runways.

Continued on the following page

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How to proceed ?

- Read, in 0 kt wind column of the takeoff chart computed in normal condition, the MTOW and associated speeds (V1, VR, V2) corresponding to the actual temperature, even in the case of headwind (the method does not take into account the headwind benefit on takeoff performance).
- Apply the QNH and/or bleed corrections, if any, to determine the MTOW.
- Enter the following table to determine the MTOW and speed decrements.
- Applying these decrements, calculate the MTOW and associated speeds corresponding to the actual temperature.

CAUTION Do not extrapolate below the shortest runway length provided by the table.

DECREMENTS (ΔW , $\Delta V1$, ΔVR , $\Delta V2$) WHEN ONE BRAKE IS INOPERATIVE												
RUNWAY LENGTH (m)	CONFIGURATION											
	1+F				2				3			
	ΔW kg (lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)	ΔW kg (lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)	ΔW kg (lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)
1 500	3 000 (6 700)	7	2	2	3 000 (6 700)	7	2	2	2 600 (5 800)	7	2	2
2 000	3 200 (7 100)	7	2	2	3 200 (7 100)	7	2	2	3 000 (6 700)	7	2	2
2 500	5 000 (11 100)	14	5	5	4 200 (9 300)	12	4	4	4 600 (10 200)	12	4	4
3 000	9 600 (21 200)	15	10	10	8 400 (18 600)	16	9	9	6 800 (15 000)	19	12	12
3 500	13 000 (28 700)	11	9	9	9 400 (20 800)	15	14	14	6 800 (15 000)	19	17	17
4 000 and above	11 600 (25 600)	13	12	12	9 600 (21 200)	17	14	14	6 100 (13 500)	19	17	17

● **If the actual TOW is lower than the MTOW calculated using above method:**

The speeds determined without failure and associated with the actual TOW may be retained provided that they are all lower than the speeds calculated using above method.

Check that the corrected V1 is equal to or above the minimum V1 value shown on the RTOW chart (due to VMCG limitation).

● **If the corrected V1 is lower than the minimum V1:**

Take this last value as V1.

Further decrease the weight by 3 000 kg (6 600 lb) per kt difference between both values.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-42 - Normal Braking
-------------------------------------------------------------	-----------------------------------------------------------------------------------------

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Check that the corrected VR is equal to or above the minimum VR value shown on the RTOW chart (due to VMCA limitation).

- **If the corrected VR is lower than the minimum VR:**

Takeoff cannot be performed using this method.

Check that the corrected V2 is equal to or above the minimum V2 value shown on the RTOW chart (due to VMCA limitation).

- **If the corrected V2 is lower than the minimum V2:**

Takeoff cannot be performed using this method.

Check that the corrected V2 is equal to or above the minimum V2 due to VMU limitation (see *Refer to FCOM/PER-TOF-TOD-25-20 MINIMUM V2 LIMITED BY VMU/VMCA (KT IAS)*).

- **If the corrected V2 is lower than the minimum V2:**

Takeoff cannot be performed using this method.

Landing performance computation:

Multiply the landing distances by 1.25.

FOR TAKEOFF

The autobrake function, even if available, must not be used.

- **If the above method was used for takeoff performance computation:**

Perform the takeoff using full thrust (TOGA).

- **In the case of engine failure at takeoff:**

Retract the landing gear when positive climb.

Vibrations may occur during 1 or 2 min after the retraction of the landing gear.

- **If both engines are operative:**

Keep the landing gear down for 1 min.

FOR LANDING

The autobrake function, even if available, must not be used.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-42 - Normal Braking
------------------------------------------------------	-----------------------------------------------------------------------------------------

32-42-01A	Main Wheel Brake
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Ident.: MO-32-42-00009004.0035001 / 18 JUL 12

Applicable to: LY-EMU

FLIGHT PREPARATION/LIMITATIONS

Maximum landing capability is CAT 3 Single.

The following penalties may be used for takeoff and landing performance determination if no takeoff and landing data (predetermined by using OCTOPUS program or other equivalent program with present failure case) is available.

Takeoff performance computation:

The method explained hereafter allows the determination of the MTOW and associated speeds (V1, VR, V2), by applying decrements on the MTOW and associated speeds computed in normal conditions (i.e. all systems operative). The method is based on the use of RTOW charts established at optimum V2/VS, optimum V1/VR, minimum V1.

WARNING

- Do not use this method with takeoff charts computed with other conditions.
- Do not use this method for takeoff with tailwind.
- Do not use this method for takeoff on wet or contaminated runways.

How to proceed ?

- Read, in 0 kt wind column of the takeoff chart computed in normal condition, the MTOW and associated speeds (V1, VR, V2) corresponding to the actual temperature, even in the case of headwind (the method does not take into account the headwind benefit on takeoff performance).
- Apply the QNH and/or bleed corrections, if any, to determine the MTOW.
- Enter the following table to determine the MTOW and speed decrements.
- Applying these decrements, calculate the MTOW and associated speeds corresponding to the actual temperature.

CAUTION

Do not extrapolate below the shortest runway length provided by the table.

DECREMENTS (ΔW, ΔV1, ΔVR, ΔV2) WHEN ONE BRAKE IS INOPERATIVE												
RUNWAY LENGTH (m)	CONFIGURATION											
	1+F				2				3			
	ΔW kg (lb)	ΔV1 (kt)	ΔVR (kt)	ΔV2 (kt)	ΔW kg (lb)	ΔV1 (kt)	ΔVR (kt)	ΔV2 (kt)	ΔW kg (lb)	ΔV1 (kt)	ΔVR (kt)	ΔV2 (kt)
1 500	3 000 (6 600)	0	0	0	3 000 (6 600)	7	2	2	2 700 (5 900)	7	2	2
2 000	3 100 (6 800)	0	0	0	3 200 (7 000)	7	2	2	3 100 (6 800)	7	2	2

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-42 - Normal Braking
------------------------------------------------------	-----------------------------------------------------------------------------------------

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	DECREMENTS (ΔW , $\Delta V1$, ΔVR , $\Delta V2$) WHEN ONE BRAKE IS INOPERATIVE											
	CONFIGURATION											
RUNWAY LENGTH (m)	1+F				2				3			
	ΔW kg (lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)	ΔW kg (lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)	ΔW kg (lb)	$\Delta V1$ (kt)	ΔVR (kt)	$\Delta V2$ (kt)
2 500	5 300 (11 600)	14	5	5	5 100 (11 200)	13	4	4	4 700 (10 300)	13	5	5
3 000	10 100 (22 200)	14	10	10	9 600 (21 100)	14	10	10	7 000 (15 400)	20	17	17
3 500	10 300 (22 700)	14	10	10	8 500 (18 700)	18	16	16	6 700 (14 700)	19	17	17
4 000 and above	10 300 (22 700)	14	10	10	8 100 (17 800)	16	13	13	6 000 (13 200)	19	16	16

● **If the actual TOW is lower than the MTOW calculated using above method:**

The speeds determined without failure and associated with the actual TOW may be retained provided that they are all lower than the speeds calculated using above method.

Check that the corrected V1 is equal to or above the minimum V1 value shown on the RTOW chart (due to VMCG limitation).

● **If the corrected V1 is lower than the minimum V1:**

Take this last value as V1.

Further decrease the weight by 3 000 kg (6 600 lb) per kt difference between both values.

Check that the corrected VR is equal to or above the minimum VR value shown on the RTOW chart (due to VMCA limitation).

● **If the corrected VR is lower than the minimum VR:**

Takeoff cannot be performed using this method.

Check that the corrected V2 is equal to or above the minimum V2 value shown on the RTOW chart (due to VMCA limitation).

● **If the corrected V2 is lower than the minimum V2:**

Takeoff cannot be performed using this method.

Check that the corrected V2 is equal to or above the minimum V2 due to VMU limitation (see *Refer to FCOM/PER-TOF-TOD-25-20 MINIMUM V2 LIMITED BY VMU/VMCA (KT IAS)*).

● **If the corrected V2 is lower than the minimum V2:**

Takeoff cannot be performed using this method.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-42 - Normal Braking
-------------------------------------------------------------	-----------------------------------------------------------------------------------------

Continued from the previous page

Landing performance computation:
Multiply the landing distances by 1.30.

FOR TAKEOFF

- The autobrake function, even if available, must not be used.
- **If the above method was used for takeoff performance computation:**
Perform the takeoff using full thrust (TOGA).
 - **In the case of engine failure at takeoff:**
Retract the landing gear when positive climb.
Vibrations may occur during 1 or 2 min after the retraction of the landing gear.
 - **If both engines are operative:**
Keep the landing gear down for 1 min.

FOR LANDING

The autobrake function, even if available, must not be used.

32-42-02A	Green System Brake
Ident.: MO-32-42-00009005.0001001 / 11 MAR 10 Applicable to: ALL	

Refer to OpsProc 32-42-01A Main Wheel Brake

32-42-05A	AUTO/BRK Function
Ident.: MO-32-42-00009006.0001001 / 11 MAR 10 Applicable to: ALL	

FLIGHT PREPARATION/LIMITATIONS

Maximum landing capability is CAT 3 SINGLE.

BEFORE TAKEOFF

When T.O MEMO is displayed on the EWD, disregard the line:
AUTO BRK..... MAX (blue)

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-42 - Normal Braking
------------------------------------------------------	-----------------------------------------------------------------------------------------

32-42-06C	Tachometer
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Ident.: MO-32-42-00009007.0003001 / 15 FEB 18

Applicable to: LY-COB

GENERAL INFORMATION

For performance computation, select in PEP the tachometer inoperative item only. Do not select additionally the brake inoperative item in PEP as brake inoperative performance impact is already part of tachometer inoperative performance impact.

FLIGHT PREPARATION/LIMITATIONS

Takeoff performance computation:

The takeoff and landing performance must be determined by using OCTOPUS program or other equivalent program with present failure case taken into account.

Launch PEP.

Landing performance computation:

Multiply the landing distances by the coefficient given in MO 32-42-01. *Refer to OpsProc 32-42-01A Main Wheel Brake*

BEFORE TAKEOFF

Check that no other amber brake released indication is displayed on the WHEEL SD page.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-42 - Normal Braking
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-44 - ACCU PRESS Indicator
------------------------------------------------------	-----------------------------------------------------------------------------------------------

32-44-02A	ACCU PRESS Indicator (with BRAKES Pressure Indicator Operative)
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Ident.: MO-32-44-00017831.0001001 / 03 NOV 15

Applicable to: ALL

DURING COCKPIT PREPARATION

- YELLOW ENG 2 PUMP pb-sw.....OFF
- YELLOW ELEC PUMP pb-sw.....Off
- Move a side stick in pitch and roll until the yellow system pressure indication on the HYD SD page indicates 0.
- PARK BRK handle.....ON
- BRAKES pressure.....CHECK

On both BRAKES pressure indicators, check that the BRAKES indication is in the upper part of the white zone (around 2 500 PSI). If required use the electric pump on the yellow hydraulic system to recharge the brake accumulators.

WARNING

Yellow and green hydraulics systems are pressurized from yellow electric pump.
Get ground crew clearance before using the electric pump.

- Restore normal settings.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-44 - ACCU PRESS Indicator
------------------------------------------------------	-----------------------------------------------------------------------------------------------

32-44-02B	ACCU PRESS Indicator (with WHEEL SD page)
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Ident.: MO-32-44-00017833.0001001 / 03 NOV 15

Applicable to: LY-COD, LY-RAM

DURING COCKPIT PREPARATION

- YELLOW ENG 2 PUMP pb-sw.....OFF
- YELLOW ELEC PUMP pb-sw..... Off
- Move a side stick in pitch and roll until the yellow system pressure indication on the HYD SD page indicates 0.
- PARK BRK handle.....ON
- BRAKES pressure..... CHECK

On the WHEEL SD page, check that the ACCU PRESS or ACCU ONLY indication is displayed in green. If required, use the electric pump on the yellow hydraulic system to recharge the brake accumulators.

WARNING	Yellow and green hydraulics systems are pressurized from yellow electric pump. <i>Get ground crew clearance before using the electric pump.</i>
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- Restore normal settings.

<p>A318/A319/A320/A321 MINIMUM EQUIPMENT LIST</p>	<p>MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-47 - Brake Temperature System</p>
--------------------------------------------------------------	------------------------------------------------------------------------------------------------------------

32-47-01A	Brake Temperature Monitoring Unit (BTMU)
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Ident.: MO-32-47-00009008.0001001 / 28 JUN 11

Applicable to: ALL

DURING PRELIMINARY COCKPIT PREPARATION

HYDRAULIC/BRK/TEMP/DET/UNIT (121VU M26 or M37) C/B PULL

Determine brake cooling time (Refer to OpsProc 32-07-01A(B) Brakes Temperature Indication on the WHEEL SD page).

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-47 - Brake Temperature System
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<p>A318/A319/A320/A321 MINIMUM EQUIPMENT LIST</p>	<p>MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-48 - Brake Fan System</p>
--------------------------------------------------------------	----------------------------------------------------------------------------------------------------

32-48-01B	Brake Fan System (partially available)
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Ident.: MO-32-48-00018054.0001001 / 18 FEB 16

Applicable to: ALL

ON GROUND

- **To deactivate the Brake Fans 1 and 2, apply:**
HYDRAULIC/BRK FAN/WHEELS/1 AND 2 (121VU L32) C/B.....PULL
- **To deactivate the Brake Fans 3 and 4, apply:**
HYDRAULIC/BRK FAN/WHEELS/3 AND 4 (121VU L35) C/B.....PULL

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-48 - Brake Fan System
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-51 - Steering
-------------------------------------------------------------	-----------------------------------------------------------------------------------

32-51-01A	Nose Wheel Steering Control System
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Ident.: MO-32-51-00009009.0006001 / 28 JUN 11

Applicable to: LY-COD, LY-RAM

GENERAL INFORMATION

The electrical and hydraulic control of NWS is inoperative. Do not reset the **WHEEL N/W STRG FAULT** alert with A/SKID & N/W STRG selector . The **WHEEL N/W STRG FAULT** alert indicates that no hydraulic pressure is applied on the NWS actuator.

FLIGHT PREPARATION/LIMITATIONS

Dispatch is not permitted from (or to) contaminated runways.
Maximum crosswind component for takeoff and landing: 20 kt.
Maximum landing capability is CAT 3 SINGLE.


Note: the automatic roll out is not permitted (Refer to QRH/OPS Required Equipment for CAT2 and CAT3).

● For operations with crosswind component above 5 kt:

Reduce maximum takeoff performance limiting weight by 1 000 kg (2 200 lb)

DURING TAXI

Taxiing Procedure:

- Avoid high thrust settings, taxi speed limited to 20 kt .
- Check brakes temperature (if available) before takeoff.
If necessary, set the BRAKES FAN pb-sw  to ON.
- Minimum speed of 5 kt is required to initiate a turn.
- Apply asymmetrical thrust in straight taxi to compensate crosswind and differential braking for taxi and line up as required.
- Avoid sharp turns and use maximum width of the runway.
- Do not apply too high asymmetrical thrust to avoid that nose landing gear get stuck to full travel (90 °) (in that case release the aircraft by towing).

FOR TAKEOFF

● In the case of crosswind component above 5 kt:

- Set full nose down elevator till 80 kt regardless of the aircraft loading.
- Apply N1 = 50 % on the brakes
- Release the brakes, and smoothly apply takeoff power
- Use asymmetric braking, if required, to keep on runway center-line until directional control is available by use of rudder.
- Release stick progressively to reach neutral at about 100 kt.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-51 - Steering
------------------------------------------------------	-----------------------------------------------------------------------------------

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FOR LANDING

Do not use autobrake for landing.

- **In the case of crosswind component above 5 kt:**
 - Aircraft lateral control is achieved with the rudder until slowing to approximately 50 kt IAS.
 - Upon reaching 50 kt IAS use differential braking to achieve taxi speed as required.

AFTER LANDING

Disengage AP at touchdown when autoland is performed.

32-51-01A	Nose Wheel Steering Control System
------------------	-------------------------------------------

Ident.: MO-32-51-00009009.0005001 / 28 JUN 11

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

GENERAL INFORMATION

The electrical and hydraulic control of NWS is inoperative. Do not reset the **WHEEL N/W STRG FAULT** alert with A/SKID & N/W STRG selector . The **WHEEL N/W STRG FAULT** alert indicates that no hydraulic pressure is applied on the NWS actuator.

FLIGHT PREPARATION/LIMITATIONS

Dispatch is not permitted from (or to) contaminated runways.
Maximum crosswind component for takeoff and landing: 20 kt.
Maximum landing capability is CAT 3 SINGLE.

Note: the automatic roll out is not permitted (Refer to QRH/OPS Required Equipment for CAT2 and CAT3).

- **For operations with crosswind component above 5 kt:**
Reduce maximum takeoff performance limiting weight by 1 000 kg (2 200 lb)


Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-51 - Steering
-------------------------------------------------------------	-----------------------------------------------------------------------------------

Continued from the previous page

DURING TAXI

Taxiing Procedure:

- Avoid high thrust settings, taxi speed limited to 20 kt .
- Check brakes temperature (if available) before takeoff.
If necessary, set the BRAKES FAN pb-sw  to ON.
- Minimum speed of 5 kt is required to initiate a turn.
- Apply asymmetrical thrust in straight taxi to compensate crosswind and differential braking for taxi and line up as required.
- Avoid sharp turns and use maximum width of the runway.
- Do not apply too high asymmetrical thrust to avoid that nose landing gear get stuck to full travel (90 °) (in that case release the aircraft by towing).

FOR TAKEOFF

- **In the case of crosswind component above 5 kt:**
 - Set full nose down elevator till 80 kt regardless of the aircraft loading.
 - Apply EPR = 1.05 on the brakes
 - Release the brakes, and smoothly apply takeoff power
 - Use asymmetric braking, if required, to keep on runway center-line until directional control is available by use of rudder.
 - Release stick progressively to reach neutral at about 100 kt.

FOR LANDING

Do not use autobrake for landing.

- **In the case of crosswind component above 5 kt:**
 - Aircraft lateral control is achieved with the rudder until slowing to approximately 50 kt IAS.
 - Upon reaching 50 kt IAS use differential braking to achieve taxi speed as required.

AFTER LANDING

Disengage AP at touchdown when autoland is performed.

32-51-02A	Rudder PEDALS DISC pb
------------------	------------------------------

Ident.: MO-32-51-00012799.0001001 / 17 SEP 10

Applicable to: ALL

The purpose of the procedure is to explain how to perform the flight control check with one or both PEDALS DISC pb failed in the released position.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL OPERATIONAL PROCEDURES</div> <div>32 - LANDING GEAR</div> <div>32-51 - Steering</div>
------------------------------------------------------	------------------------------------------------------------------------------------------------

Continued from the previous page

GENERAL INFORMATION

- **When the disconnection is not possible on one side:**
The flight control check can be performed on the operative side.
- **When the disconnection is not possible on both sides:**
The flight control check must be performed while aircraft is stopped.
Note: it is not necessary to set the A/SKID & N/W STRG sw to OFF.

32-51-03A	NWS Electrical Deactivation Box (towing mode is not available when the lever is in the TOWING position)
Ident.: MO-32-51-00009010.0001001 / 03 MAY 17 Applicable to: ALL	

BEFORE PUSHBACK

A/SKID & N/W STRG selector..... OFF

AFTER PUSHBACK

A/SKID & N/W STRG selector..... ON

32-51-03B	NWS Electrical Deactivation Box (NWS Electrical Deactivation Box deactivated)
Ident.: MO-32-51-00012592.0001001 / 03 MAY 17 Applicable to: ALL	

DURING COCKPIT PREPARATION

- **After application of the maintenance procedure:**
Check that the **WHEEL N/W STRG FAULT** or **WHEEL N.W STEER FAULT** alert is not displayed anymore on the EWD.
If the ECAM alert is still displayed, consider the nosewheel steering inoperative. *Refer to Item 32-51-01 Nose Wheel Steering Control System.*

BEFORE PUSHBACK

A/SKID & N/W STRG selector OFF

As a result of the NWS electrical box deactivation, the parking brake light on that box will not be available.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-51 - Steering
------------------------------------------------------	-----------------------------------------------------------------------------------

Continued from the previous page

The parking brake setting must be verbally confirmed between the flight crew and the ground personnel before pushback.

AFTER PUSHBACK

A/SKID & N/W STRG selectorON

32-51-04A	PARKING BRAKE light on the NWS Electrical Deactivation Box
------------------	-------------------------------------------------------------------

Ident.: MO-32-51-00009011.0001001 / 17 SEP 10

Applicable to: ALL

BEFORE PUSHBACK

The parking brake setting must be verbally confirmed between the flight crew and the ground personnel.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 32 - LANDING GEAR 32-51 - Steering
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 33 - LIGHTS 33-01 - Overhead Panels 33-01-02 - SIGNS Overhead Panel
------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

33-01-02-02A	AUTO Function of SEAT BELTS SIGNS selector
---------------------	---------------------------------------------------

Ident.: MO-33-01-02-00008954.0001001 / 13 MAY 20

Applicable to: ALL

<u>DURING COCKPIT PREPARATION</u>	
SEAT BELTS selector	ON
<u>AFTER TAKEOFF</u>	
SEAT BELTS selector	As required
<u>DURING APPROACH</u>	
SEAT BELTS selector	ON

33-01-02-03A	AUTO Function of NO SMOKING SIGNS selector
---------------------	---------------------------------------------------

Ident.: MO-33-01-02-00008955.0001001 / 11 MAR 10

Applicable to: ALL

<u>ON GROUND OR IN FLIGHT</u>	
Set the NO SMOKING selector ON as required.	

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 33 - LIGHTS 33-01 - Overhead Panels 33-01-02 - SIGNS Overhead Panel
------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 33 - LIGHTS 33-20 - Cabin General Illumination
-------------------------------------------------------------	-----------------------------------------------------------------------------------------------

33-20-01A	Cabin General Illumination
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Ident.: MO-33-20-00021658.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION

- **For aircraft equipped with photoluminescent Floor Path Marking System:**

To ensure the correct charge of the photoluminescent Floor Path Marking System, a minimum of 50 % of the cabin lighting at 50 % of brightness is required.

33-20-03A	Lavatory Sign (Return to seat)
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Ident.: MO-33-20-00008956.0001001 / 03 MAR 21

Applicable to: ALL

GENERAL INFORMATION

In case return to your seat sign in LAV is inoperative and a passenger is found inside, Cabin Crew must knock on the door and warn about seat belt sign status.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 33 - LIGHTS 33-20 - Cabin General Illumination
------------------------------------------------------	-----------------------------------------------------------------------------------------------

Intentionally left blank

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 33 - LIGHTS 33-40 - Exterior Lighting
------------------------------------------------------	--------------------------------------------------------------------------------------

33-40-04A	Landing light Extension/Retraction System
------------------	--------------------------------------------------

Ident.: MO-33-40-00008957.0001001 / 11 MAR 10

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

The fuel consumption is increased by 1 % per landing light extended.

33-40-08A 33-40-08B	Beacon light
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Ident.: MO-33-40-00008958.0001001 / 13 MAY 20

Applicable to: ALL

BEFORE ENGINE START

- **If the bottom light is inoperative:**

If this light is used to alert the ground crew of the engine start, crew must use visual signals or VHF communication to alert the ground crew of the engine start.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 33 - LIGHTS 33-40 - Exterior Lighting
------------------------------------------------------	--------------------------------------------------------------------------------------

Intentionally left blank

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 33 - LIGHTS 33-51 - Cabin Emergency Lighting
------------------------------------------------------	---------------------------------------------------------------------------------------------

Floor Proximity Emergency Escape Path Marking System in the Main Aisle

Ident.: MO-33-51-00022720.0001001 / 15 NOV 18

Applicable to: ALL

The acceptable level of lighting in the case of an emergency is demonstrated in the Airbus Fuselage Separation analysis.

Note: *ISI article reference 33.50.00007, available on Airbus World, provides guidelines to define the acceptable level of lighting.*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 33 - LIGHTS 33-51 - Cabin Emergency Lighting
------------------------------------------------------	---------------------------------------------------------------------------------------------

Intentionally left blank

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-01 - Overhead Panels 34-01-01 - ADIRS Overhead Panel
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------

34-01-01-31A	ADR pb-sw
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Ident.: MO-34-01-01-00008926.0001001 / 17 SEP 10

Applicable to: ALL

IN FLIGHT

If needed, the associated ADR can be set to OFF through the associated mode selector.

Note: ● **If the ADR is set to OFF:**

The associated IR is also set to OFF.

The F/CTL MAINTENANCE message is displayed on the STATUS SD page.

34-01-01-33A	IR Mode Selector
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Ident.: MO-34-01-01-00020760.0001001 / 22 NOV 16

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-01 - Overhead Panels 34-01-01 - ADIRS Overhead Panel
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-05 - Indications on the Primary Flight Display (PFD)
-------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

34-05-06A	Vertical Speed in Inertial Mode Indication on the PFD
------------------	--------------------------------------------------------------

Ident.: MO-34-05-00020762.0001001 / 15 FEB 18

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

34-05-07A	Other Air Data Related Indications on the PFD
------------------	------------------------------------------------------

Ident.: MO-34-05-00008951.0001001 / 23 AUG 17

Applicable to: ALL

GENERAL INFORMATION

For F, S, Green Dot determination, *Refer to QRH/OPS Operating Speeds.*

For VAPP determination, *Refer to QRH/PER-A VAPP Determination without Failure (Paper Only)* and *Refer to QRH/PER-A VAPP Determination with Failure (Paper Only)* or use the performance application of FlySmart with Airbus.

For VFE or VLE determination, refer to the corresponding placard in the cockpit.

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

34-05-08A	Attitude Indication on the PFD
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Ident.: MO-34-05-00008953.0001001 / 22 NOV 16

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

Maximum landing capability is CAT 1.

- **If the PF side is affected:**

RNP APCH operations are not permitted.

34-05-09A	Heading Indication On the PFD
------------------	--------------------------------------

Ident.: MO-34-05-00020764.0001001 / 15 FEB 18

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-05 - Indications on the Primary Flight Display (PFD)
------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-06 - Indications on the Navigation Display (ND)
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------

34-06-01A	Ground Speed Indication on the ND
------------------	------------------------------------------

Ident.: MO-34-06-00020765.0001001 / 15 FEB 18

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

- **If indication is inoperative on one side:**
For aircraft with the RNP AR capability, RNP AR operations are not permitted.
- **If indication is inoperative on both sides:**
RNAV 10 operations are not permitted.
RNAV 5 operations are not permitted.
RNAV 1 / RNAV 2 operations are not permitted.
RNP 4 operations are not permitted.
RNP 2 operations are not permitted.
RNP 1 operations are not permitted.
RNP APCH operations are not permitted.
For aircraft with the RNP AR capability, RNP AR operations are not permitted.

34-06-02A	True Air Speed Indication on the ND
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Ident.: MO-34-06-00020766.0001001 / 15 FEB 18

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

- **If indication is inoperative on one side:**
For aircraft with the RNP AR capability, RNP AR operations are not permitted.
- **If indication is inoperative on both sides:**
RNAV 10 operations are not permitted.
RNAV 5 operations are not permitted.
RNAV 1 / RNAV 2 operations are not permitted.
RNP 4 operations are not permitted.
RNP 2 operations are not permitted.
RNP 1 operations are not permitted.
RNP APCH operations are not permitted.
For aircraft with the RNP AR capability, RNP AR operations are not permitted.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-06 - Indications on the Navigation Display (ND)
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------

34-06-03A	Wind Indication on the ND
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Ident.: MO-34-06-00020767.0001001 / 15 FEB 18

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

- **If indication is inoperative on one side:**

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

- **If indication is inoperative on both sides:**

RNAV 10 operations are not permitted.

RNAV 5 operations are not permitted.

RNAV 1 / RNAV 2 operations are not permitted.

RNP 4 operations are not permitted.

RNP 2 operations are not permitted.

RNP 1 operations are not permitted.

RNP APCH operations are not permitted.

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

34-06-04A	Heading Indication on the ND
------------------	-------------------------------------

Ident.: MO-34-06-00020768.0001001 / 15 FEB 18

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

34-06-05A	Position (Aircraft Symbol) Indication on the ND
------------------	--------------------------------------------------------

Ident.: MO-34-06-00020769.0001001 / 15 FEB 18

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

RNAV 10 operations are not permitted.

RNAV 5 operations are not permitted.

RNAV 1 / RNAV 2 operations are not permitted.

RNP 4 operations are not permitted.

RNP 2 operations are not permitted.

RNP 1 operations are not permitted.

RNP APCH operations are not permitted.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-06 - Indications on the Navigation Display (ND)
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------

Continued from the previous page

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-06 - Indications on the Navigation Display (ND)
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-10 - Air Data/Inertial Reference System (ADIRS)
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------

34-10-02B	ADR 2
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Ident.: MO-34-10-00008928.0001001 / 19 MAY 21

1 Applicable to: LY-COB

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

Maximum landing capability is CAT 3 SINGLE.

RVSM operations are not permitted.

DURING COCKPIT PREPARATION

ADR 2 pb-sw OFF

The F/CTL MAINTENANCE message and SFCS MAINTENANCE message are displayed on the STATUS SD page.

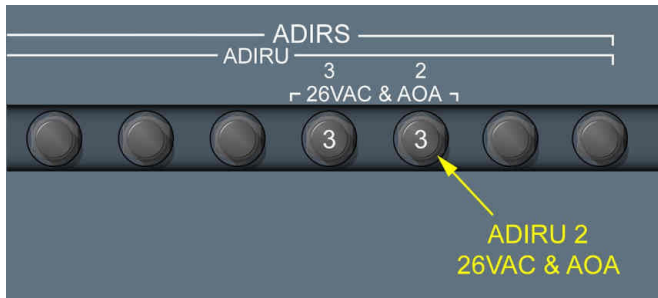
● **If the ADR 2 pb OFF light does not come ON, or the IR 2 is also inoperative:**

Set the IR 2 Mode selector to OFF. MMEL item 34-10-05 is also applied. *Refer to Item 34-10-05 IR 2.*

- AIR DATA SWITCHING selector F/O 3

- ADIRU 2 (26VAC & AOA) C/B Pull

The ADIRU 2 (26VAC & AOA) C/B is located in the 121VU, N line, ADIRS/ADIRU/2/26VAC & AOA.



AFTER ENGINE START

- Use the RCL pb-sw on the ECAM control panel, in order to recall the **NAV ADR 2 FAULT** alert.
- On the EWD, check that the **ADR 2...OFF** procedure is not displayed.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL OPERATIONAL PROCEDURES</div> <div>34 - NAVIGATION</div> <div>34-10 - Air Data/Inertial Reference System (ADIRS)</div>
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

FOR TAKEOFF

Takeoff in CONF 1+F is not permitted.

Note: When the ADR 2 pb-sw is set to OFF, and if the aircraft is in CONF 1+F, the SFCS n°2 Flap channel is unable to crosscheck the airspeed coming from the ADR 1 with the ADR 2 airspeed coming from the SFCS n°2 Slat channel. This may lead to an uncommanded flap retraction during the takeoff. As a consequence, takeoff in CONF 1+F is not permitted when the ADR 2 pb-sw is set to OFF.

34-10-02B	ADR 2
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Ident.: MO-34-10-00008928.0003001 / 19 MAY 21
Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.
Maximum landing capability is CAT 3 SINGLE.

DURING COCKPIT PREPARATION

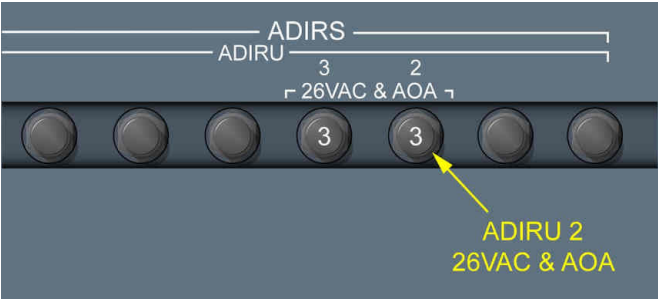
ADR 2 pb-sw OFF
The F/CTL MAINTENANCE and the SFCS MAINTENANCE message are displayed on the STATUS SD page.

- If the ADR 2 pb OFF light does not come ON, or the IR 2 is also inoperative:
Set the IR 2 Mode selector to OFF. MMEL item 34-10-05 is also applied. *Refer to Item 34-10-05 IR 2.*

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div style="text-align: center;"> MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-10 - Air Data/Inertial Reference System (ADIRS) </div>
------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------

- Continued from the previous page*
- AIR DATA SWITCHING selector F/O 3
 - ADIRU 2 (26VAC & AOA) C/B Pull
- The ADIRU 2 (26VAC & AOA) C/B is located in the 121VU, N line, ADIRS/ADIRU/2/26VAC & AOA.*



AFTER ENGINE START

- Use the RCL pb-sw on the ECAM control panel, in order to recall the **NAV ADR 2 FAULT** alert.
- On the EWD, check that the **ADR 2...OFF** procedure is not displayed.

FOR TAKEOFF

Takeoff in CONF 1+F is not permitted.

Note: *When the ADR 2 pb-sw is set to OFF, and if the aircraft is in CONF 1+F, the SFCS n°2 Flap channel is unable to crosscheck the airspeed coming from the ADR 1 with the ADR 2 airspeed coming from the SFCS n°2 Slat channel. This may lead to an uncommanded flap retraction during the takeoff. As a consequence, takeoff in CONF 1+F is not permitted when the ADR 2 pb-sw is set to OFF.*

34-10-03A	ADR 3
Ident.: MO-34-10-00008929.0001001 / 03 DEC 21 Applicable to: ALL	

I 2

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.
Maximum landing capability is CAT 3 SINGLE.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-10 - Air Data/Inertial Reference System (ADIRS)
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------

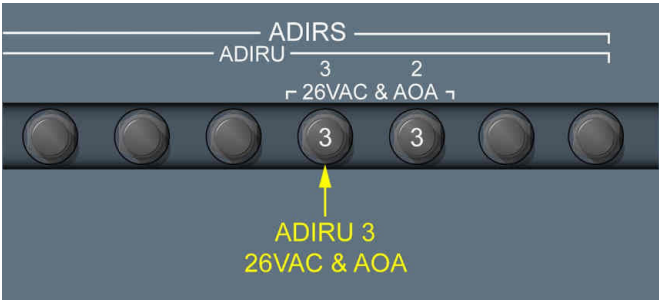
Continued from the previous page

DURING COCKPIT PREPARATION

ADR 3 pb-sw OFF
The F/CTL MAINTENANCE message is displayed on the STATUS SD page.

- If the ADR 3 pb OFF light does not come ON, or the IR 3 is also inoperative:
Set the IR 3 Mode selector to OFF. MMEL item 34-10-06/07 is also applied. Refer to Item 34-10-06 IR 3 (for aircraft without Honeywell 10 MCU ADIRU).

ADIRU 3 (26VAC & AOA) C/BPull
The ADIRU 3 (26VAC & AOA) C/B is located in the 121VU, N line, ADIRS/ADIRU/3/26VAC & AOA.



AFTER ENGINE START

- Use the RCL pb-sw on the ECAM control panel, in order to recall the NAV ADR 3 FAULT alert.
- On the EWD, check that the ADR 3...OFF procedure is not displayed.

34-10-04B 34-10-04C	IR 1 (only NAV mode of IR 1 inoperative)
------------------------	------------------------------------------

Ident.: MO-34-10-00008930.0001001 / 31 JAN 17
Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.
Maximum landing capability is CAT 3 SINGLE.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-10 - Air Data/Inertial Reference System (ADIRS)
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------

Continued from the previous page

DURING COCKPIT PREPARATION

- ATT HDG SWITCHING selector CAPT 3
- IR 1 mode selector ATT
- The heading must be entered through the CDU keyboard for the IR 1 and has to be frequently reset (*Refer to FCOM/PRO-ABN-NAV [QRH] IR ALIGNMENT IN ATT MODE*).
- ATC/XPDR..... SYS 2

34-10-05B	IR 2 (IR 2 totally inoperative)
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Ident.: MO-34-10-00008931.0001001 / 23 AUG 17

3 Applicable to: LY-COB

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.
Maximum landing capability is CAT 3 SINGLE.
RVSM operations are not permitted because the ADR 2 is set to OFF.

DURING COCKPIT PREPARATION

- IR 2 mode selector..... OFF
- *ADR 2 is consequently set to OFF.*
- *The F/CTL MAINTENANCE and SFCS MAINTENANCE message are displayed on the STATUS SD page.*
- ATT HDG SWITCHING selector..... F/O 3
- AIR DATA SWITCHING selector..... F/O 3
- ATC/XPDR..... SYS 1

FOR TAKEOFF

Takeoff in CONF 1+F is not permitted.

Note: *When the ADR 2 is set to OFF, and if the aircraft is in CONF 1+F, the SFCS n°2 Flap channel is unable to crosscheck the airspeed coming from the ADR 1 with the ADR 2 airspeed coming from the SFCS n°2 Slat channel. This may lead to an uncommanded flap retraction during the takeoff. As a consequence, takeoff in CONF 1+F is not permitted when the ADR 2 is set to OFF.*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	<div>MEL OPERATIONAL PROCEDURES</div> <div>34 - NAVIGATION</div> <div>34-10 - Air Data/Inertial Reference System (ADIRS)</div>
------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

34-10-05B	IR 2 (IR 2 totally inoperative)
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Ident.: MO-34-10-00008931.0003001 / 23 AUG 17

Applicable to: LY-COD, LY-ELK, LY-EMU, LY-OWL, LY-RAM

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.
Maximum landing capability is CAT 3 SINGLE.

DURING COCKPIT PREPARATION

- IR 2 mode selector..... OFF

Note:

1. ADR 2 is consequently set to OFF.
2. The F/CTL MAINTENANCE message and SFCS MAINTENANCE message are displayed on the STATUS SD page.
- ATT HDG SWITCHING selector.....F/O 3
- AIR DATA SWITCHING selector.....F/O 3
- ATC/XPDR.....SYS 1

FOR TAKEOFF

Takeoff in CONF 1+F is not permitted.

Note: When the ADR 2 is set to OFF, and if the aircraft is in CONF 1+F, the SFCS n°2 Flap channel is unable to crosscheck the airspeed coming from the ADR 1 with the ADR 2 airspeed coming from the SFCS n°2 Slat channel. This may lead to an uncommanded flap retraction during the takeoff. As a consequence, takeoff in CONF 1+F is not permitted when the ADR 2 is set to OFF.

34-10-05C	IR 2 (only NAV mode of IR 2 inoperative)
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Ident.: MO-34-10-00008932.0001001 / 31 JAN 17

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.
Maximum landing capability is CAT 3 SINGLE.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-10 - Air Data/Inertial Reference System (ADIRS)
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------

Continued from the previous page

DURING COCKPIT PREPARATION

- ATT HDG SWITCHING selector F/O 3
- IR 2 mode selector ATT
- The heading must be entered through the CDU keyboard for the IR 2 and has to be frequently reset (*Refer to FCOM/PRO-ABN-NAV [QRH] IR ALIGNMENT IN ATT MODE*).
- ATC/XPDR..... SYS 1

34-10-06A	IR 3 (for aircraft without Honeywell 10 MCU ADIRU with IR 3 totally inoperative)
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Ident.: MO-34-10-00008933.0001001 / 22 NOV 16
Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.
Maximum landing capability is CAT 3 SINGLE.

DURING COCKPIT PREPARATION

IR 3 mode selector..... OFF

- Note:
1. The ADR 3 is consequently set to OFF.
 2. The F/CTL MAINTENANCE message is displayed on the STATUS SD page.

34-10-06B	IR 3 (for aircraft without Honeywell 10 MCU ADIRU with only NAV mode of IR 3 inoperative)
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Ident.: MO-34-10-00008934.0001001 / 03 MAY 17
Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.
Maximum landing capability is CAT 3 SINGLE.

DURING COCKPIT PREPARATION

- IR 3 mode selector ATT
The F/CTL MAINTENANCE message is displayed on the STATUS SD page.
- The heading must be entered through the CDU keyboard for the IR 3 and has to be frequently reset (*Refer to FCOM/PRO-ABN-NAV [QRH] IR ALIGNMENT IN ATT MODE*).

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-10 - Air Data/Inertial Reference System (ADIRS)
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-11 - Sensors
------------------------------------------------------	--------------------------------------------------------------------------------

34-11-02A	CAPT Total Air Temperature (TAT) Sensor Element Connected to the ADR 1
------------------	-----------------------------------------------------------------------------------------

Ident.: MO-34-11-00008937.0001001 / 28 JUN 11

Applicable to: ALL

Refer to OpsProc 31-07-02A Permanent Data Indications on the SD

34-11-03A	CAPT Total Air Temperature (TAT) Sensor Element Connected to the ADR 3
------------------	-----------------------------------------------------------------------------------------

Ident.: MO-34-11-00008938.0001001 / 28 JUN 11

Applicable to: ALL

DURING COCKPIT PREPARATION

Check that the TAT is displayed on the SD permanent data.

34-11-04A	F/O Total Air Temperature (TAT) Sensor Element Connected to the ADR 2
------------------	----------------------------------------------------------------------------------------

Ident.: MO-34-11-00008939.0001001 / 28 JUN 11

Applicable to: ALL

Refer to OpsProc 31-07-02A Permanent Data Indications on the SD

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-11 - Sensors
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-21 - Altitude and Airspeed Standby Data
------------------------------------------------------	-----------------------------------------------------------------------------------------------------------

34-21-03A	Standby IAS Indicator
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Ident.: MO-34-21-00008940.0001001 / 11 MAR 10

1 Applicable to: LY-COB, LY-ELK, LY-OWL

DURING COCKPIT PREPARATION

Check of the AIR DATA, PFD/ND, and EIS DMC switching:

- AIR DATA SWITCHING selector..... CAPT 3
- Check that the display is normal on the CAPT PFD and the CAPT ND.
- AIR DATA SWITCHING selector..... F/O 3
- Check that the display is normal on the F/O PFD and the F/O ND.
- AIR DATA SWITCHING selector..... NORM
- EIS DMC SWITCHING selector..... CAPT 3
- Check that the display is normal on the CAPT PFD and the CAPT ND.
- EIS DMC SWITCHING selector.....F/O 3
- Check that the display is normal on the F/O PFD and the F/O ND.
- EIS DMC SWITCHING selector.....NORM
- CAPT PFD/ND XFR pb.....Press
- Check that the CAPT PFD and the CAPT ND images are exchanged.
- CAPT PFD/ND XFR pb.....Press
- F/O PFD/ND XFR pb..... Press
- Check that the F/O PFD and the F/O ND images are exchanged.
- F/O PFD/ND XFR pb..... Press

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-21 - Altitude and Airspeed Standby Data
------------------------------------------------------	-----------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-22 - Attitude and Heading Standby Data
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------

34-22-01B	Standby Compass Indicator
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Ident.: MO-34-22-00008941.0001001 / 22 MAY 19

Applicable to: ALL

DURING COCKPIT PREPARATION

Check of the ATT HDG, PFD/ND, and EIS DMC switching:

- ATT HDG SWITCHING selector..... CAPT 3
- Check that the display is normal on the CAPT PFD and the CAPT ND.
- ATT HDG SWITCHING selector..... F/O 3
- Check that the display is normal on the F/O PFD and the F/O ND.
- ATT HDG SWITCHING selector..... NORM
- EIS DMC SWITCHING selector..... CAPT 3
- Check that the display is normal on the CAPT PFD and the CAPT ND.
- EIS DMC SWITCHING selector..... F/O 3
- Check that the display is normal on the F/O PFD and the F/O ND.
- EIS DMC SWITCHING selector..... NORM
- CAPT PFD/ND XFR pb..... Press
- Check that the CAPT PFD and the CAPT ND images are exchanged.
- CAPT PFD/ND XFR pb..... Press
- F/O PFD/ND XFR pb..... Press
- Check that the F/O PFD and the F/O ND images are exchanged.
- F/O PFD/ND XFR pb..... Press

34-22-03B	Standby Horizon Indicator
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Ident.: MO-34-22-00008942.0001001 / 11 MAR 10

1 Applicable to: LY-COB, LY-ELK, LY-OWL

FLIGHT PREPARATION/LIMITATIONS

Maximum landing capability is CAT 1.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-22 - Attitude and Heading Standby Data
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<p>A318/A319/A320/A321 MINIMUM EQUIPMENT LIST</p>	<p>MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-23 - Integrated Standby Instrument System (ISIS)</p>
--------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------

34-23-04B	ISIS Attitude Indication
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Ident.: MO-34-23-00008943.0002001 / 28 JUN 11

Applicable to: LY-COD, LY-EMU, LY-RAM

FLIGHT PREPARATION/LIMITATIONS

Maximum landing capability is CAT 1.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-23 - Integrated Standby Instrument System (ISIS)
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-30 - Landing and Taxiing Aid
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-40 - GPWS, Radio Altimeter, TCAS, Weather Radar
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------

34-40-02A	Predictive GPWS Functions
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Ident.: MO-34-40-00020721.0001001 / 19 NOV 19

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

DURING COCKPIT PREPARATION

TERR pb-sw.....OFF

34-40-03A	Radio Altimeter Automatic Callout
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Ident.: MO-34-40-00008946.0001001 / 17 SEP 10

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

Maximum landing capability is CAT 2 without autoland.

34-40-04A	Radio Altimeter System
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Ident.: MO-34-40-00008947.0003001 / 22 NOV 16

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

For aircraft with the RNP AR capability, RNP AR operations are not permitted.

Maximum landing capability is CAT 2.

The F/CTL MAINTENANCE message is displayed on the STATUS SD page.

DURING COCKPIT PREPARATION

■ If RA 1 is inoperative:

COM NAV/RAD ALTM/1 (121VU K11) C/B..... Pull

■ If RA 2 is inoperative:

COM NAV/RAD ALTM/2 (121VU K12) C/B..... Pull

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-40 - GPWS, Radio Altimeter, TCAS, Weather Radar
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------

Continued from the previous page

DURING APPROACH

During an ILS (or MLS, or GLS) approach with AP engaged, the flight crew must closely monitor all primary flight parameters and FMA indications. An early/untimely FLARE and THR IDLE mode engagement may occur in the case of an erroneous RA height indication from the remaining RA.

In the event of an early/untimely FLARE and THR IDLE mode engagement:

- Perform a go-around (thrust levers set to TOGA), or
- Disconnect AP, set both FDs to OFF and continue the approach using raw data or external visual references.

34-40-06C 34-40-07B	Weather Radar System
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Ident.: MO-34-40-00021891.0001001 / 19 NOV 19

Applicable to: LY-COB

DURING TAXI

RADAR sw.....SYS (operative side)

34-40-08A	GPWS - G/S pb-sw
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Ident.: MO-34-40-00008949.0001001 / 21 NOV 17

Applicable to: LY-ELK, LY-OWL

DURING COCKPIT PREPARATION

Check of the aural and visual warnings associated with the GPWS basic modes and the Predictive GPWS functions:

- GPWS – G/S pb-sw (operative).....Press
- Check that the GPWS (or the TAWS) aural and visual warnings are operative.

Note: On ground, the GPWS can be tested by pressing this pushbutton. If the pushbutton is pressed briefly, some of the aural warnings sound and pushbutton captions, related to the GPWS, come on. If the pushbutton is pressed continuously, then all the aural warnings sound.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-40 - GPWS, Radio Altimeter, TCAS, Weather Radar
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-50 - ATC and Radio/GPS Navigation Systems
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

34-50-01A	ATC
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Ident.: MO-34-50-00008950.0001001 / 21 NOV 17

Applicable to: ALL

DURING COCKPIT PREPARATION

ATC.....SYS (operative side)

34-50-09D 34-50-09F	Global Positioning System (GPS) (ADS-B OUT function DO260 or DO260B compliant)
--------------------------------------	---------------------------------------------------------------------------------------

Ident.: MO-34-50-00023743.0004001 / 13 MAY 20

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

- **If one GPS is inoperative:**
For aircraft with RNP AR capability, RNP AR operations are not permitted.
- **If both GPS are inoperative:**
RNAV 10 operations requiring one GPS are not permitted.
RNAV 5 operations are permitted provided that one DME receiver is operative.
RNAV 1 / RNAV 2 operations are permitted provided that one DME receiver is operative.
RNP 4 operations are not permitted.
RNP 2 operations are not permitted.
RNP 1 operations are not permitted.
RNP APCH operations are not permitted.
For aircraft with RNP AR capability, RNP AR operations are not permitted.

34-50-10B	ADS-B OUT Function (Required for the intended route out of Single European Sky)
------------------	----------------------------------------------------------------------------------------

Ident.: MO-34-50-00015322.0001001 / 03 DEC 21

Applicable to: ALL

DURING PREFLIGHT PREPARATION

Commander should contact OCC in order to confirm that the permission to conduct intended route are required and obtained from the Air Navigation Service Provider(s). Required alternate procedure for intended flight must be included in OFP or briefing package.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 34 - NAVIGATION 34-50 - ATC and Radio/GPS Navigation Systems
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

Continued from the previous page

Operations in the Single European Sky are not permitted.

34-50-10C	ADS-B OUT Function (Required for the intended route in Single European Sky)
------------------	------------------------------------------------------------------------------------

5 Ident.: MO-34-50-00024872.0003001 / 03 DEC 21

6 Applicable to: ALL

DURING PREFLIGHT PREPARATION

Commander should contact OCC in order to confirm that the permission to conduct intended route are required and obtained from the Air Navigation Service Provider(s). Required alternate procedure for intended flight must be included in OFP or briefing package.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES
	35 - OXYGEN
	35-01 - Overhead Panels 35-01-01 - OXYGEN Overhead Panel

35-01-01-33A	HI ALT LANDING pb-sw
--------------	----------------------

Ident.: MO-35-01-01-00008884.0001001 / 11 MAR 10

Applicable to: LY-EMU

ON GROUND

Inform the cabin crew that if the cabin altitude exceeds 12 500 ft, the oxygen masks may drop down.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 35 - OXYGEN 35-01 - Overhead Panels 35-01-01 - OXYGEN Overhead Panel
------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 35 - OXYGEN 35-07 - Indications on the DOOR/OXY SD page
------------------------------------------------------	--------------------------------------------------------------------------------------------------------

35-07-01A	Crew OXY High Pressure Indication on the <u>DOOR/OXY</u> SD page
------------------	-------------------------------------------------------------------------

Ident.: MO-35-07-00008921.0001001 / 03 MAY 17

Applicable to: ALL

DURING COCKPIT PREPARATION

- **After application of the maintenance procedure:**

Check that the oxygen pressure is sufficient for the intended flight. *Refer to FCOM/LIM-OXY Minimum Flight Crew Oxygen Pressure.*

35-07-02A	Crew Oxygen REGUL LO PR Indication on the <u>DOOR/OXY</u> SD page
------------------	--------------------------------------------------------------------------

Ident.: MO-35-07-00008924.0001001 / 11 MAR 10

Applicable to: ALL

GENERAL INFORMATION

On the DOOR/OXY SD page, disregard the **REGUL LO PR** indication and the associated **OXY** indication.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 35 - OXYGEN 35-07 - Indications on the DOOR/OXY SD page
------------------------------------------------------	--------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 35 - OXYGEN 35-10 - Crew Oxygen
------------------------------------------------------	--------------------------------------------------------------------------------

35-10-03A	Exterior Crew Oxygen Overpressure Indicator Disc (Green Disc)
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Ident.: MO-35-10-00008910.0001001 / 11 MAR 10

Applicable to: ALL

DURING COCKPIT PREPARATION

Before the first flight of each day, check that the oxygen pressure does not decrease:

On the DOOR/OXY SD page, check the OXY pressure indication twice.

A 15 min interval must be applied between both checks.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 35 - OXYGEN 35-10 - Crew Oxygen
------------------------------------------------------	--------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 35 - OXYGEN 35-20 - Passenger Oxygen
------------------------------------------------------	-------------------------------------------------------------------------------------

35-20-04A	Galley Oxygen Unit (cabin attendant oxygen unit available near the galley)
------------------	-----------------------------------------------------------------------------------

Ident.: MO-35-20-00008914.0001001 / 11 MAR 10

Applicable to: ALL

IN FLIGHT

The number of galley area occupants must be in accordance with the available adjacent cabin attendant oxygen units.

35-20-04B	Galley Oxygen Unit (cabin attendant portable oxygen device available near the galley)
------------------	----------------------------------------------------------------------------------------------

Ident.: MO-35-20-00008915.0001001 / 18 MAR 10

Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

Before the flight, the flight crew shall brief the cabin crew that the galley oxygen unit is inoperative and that the cabin attendant portable oxygen device should be used instead.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 35 - OXYGEN 35-20 - Passenger Oxygen
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 35 - OXYGEN 35-30 - Portable Oxygen
------------------------------------------------------	------------------------------------------------------------------------------------

35-30-01A	Portable Oxygen Unit (non-required units inoperative or missing)
------------------	-------------------------------------------------------------------------

Ident.: MO-35-30-00021899.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION

Following procedure must be used by SCCM to:

- Ensure that the required distribution of the oxygen units is maintained (one portable oxygen unit must be available at each cabin crew station), and
- Inform the cabin crew on the location of the operative oxygen units.

35-30-01B	Portable Oxygen Units (partially filled)
------------------	-------------------------------------------------

Ident.: MO-35-30-00021900.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION

Following procedure must be used by SCCM to:

- Inform the cabin crew on the location and filling status of the portable oxygen unit, and
- Determine that the oxygen quantity in the portable oxygen units remains in accordance with company operational regulations.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 35 - OXYGEN 35-30 - Portable Oxygen
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 36 - PNEUMATIC 36-09 - ECAM Alerts
------------------------------------------------------	----------------------------------------------------------------------------

36-09-01A 36-09-01E	AIR APU BLEED LEAK Alert (APU bleed check valve replaced by a blanking cap or checked operative)
------------------------	---------------------------------------------------------------------------------------------------------

Ident.: MO-36-09-00024629.0002001 / 19 MAY 21

1 Applicable to: ALL

DURING COCKPIT PREPARATION

- **After application of the maintenance procedure:**
Disregard the **AIR APU LEAK DET FAULT** alert displayed on the EWD.

36-09-01B 36-09-01C 36-09-01D	AIR APU BLEED LEAK Alert (ENG 1 BLEED pb-sw OFF and X BLEED selector SHUT)
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Ident.: MO-36-09-00024450.0008001 / 19 MAY 21

2 Applicable to: ALL

DURING COCKPIT PREPARATION

- **After application of the maintenance procedure:**
Disregard the **AIR APU LEAK DET FAULT** alert displayed on the EWD.

ENG 1 BLEED pb-sw..... OFF
PACK 1 pb-sw..... OFF
X BLEED selector..... SHUT
APU BLEED pb-sw..... OFF

BEFORE ENGINE START

X BLEED selector..... OPEN
APU BLEED pb-sw..... AS RQRD

Note: The use of the APU bleed air supply system is permitted for Main Engine Start.

AFTER ENGINE START

X BLEED selector..... SHUT
APU BLEED pb-sw..... OFF

IN FLIGHT

- **In the case of failure of the remaining engine bleed air supply system, or in the case of failure of the associated engine:**
Apply the **AIR ENG 1+2 BLEED FAULT** ECAM procedure.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 36 - PNEUMATIC 36-09 - ECAM Alerts
------------------------------------------------------	-----------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 36 - PNEUMATIC 36-11 - Engine Bleed Air Supply System
36-11-01A 36-11-01C 36-11-01E 36-11-01G	Engine Bleed Air Supply System (non-ETOPS flights)

Ident.: MO-36-11-00008868.0010001 / 10 AUG 16

1 Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

The flight crew should take into account the severity of forecast icing conditions. The wing anti-ice will be lost if the remaining engine bleed air supply system becomes inoperative.

AFTER ENGINE START

- ENG BLEED (AFFECTED) pb-sw..... OFF
- X BLEED rotary selector..... OPEN

■ If both PACKs are operative:

■ If Wing Anti-Ice is not required:

PACK FLOW selector..... LO

The PACK FLOW selector must be set to LO due to precooler performance.

■ If Wing Anti-Ice is required:

PACK (AFFECTED) pb-sw..... OFF

■ If one PACK is inoperative:

PACK FLOW selector..... HI

FOR TAKEOFF

Set at least one air conditioning pack to off, or use the APU bleed air supply system.

AFTER TAKEOFF

● If the APU has been used to supply the air conditioning during the takeoff:

APU BLEED pb-sw..... Off

IN FLIGHT

● If Wing Anti-Ice is required and both PACKs are operative:

PACK (affected side) pb-sw..... OFF

● In the case of failure of the remaining engine bleed air supply system, or in the case of failure of the associated engine:

Apply the AIR ENG 1+2 BLEED FAULT ECAM procedure.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 36 - PNEUMATIC 36-11 - Engine Bleed Air Supply System
------------------------------------------------------	------------------------------------------------------------------------------------------------------

Continued from the previous page

CAUTION	Reset ENG BLEED pb-sw as requested by ECAM procedure even if the ENG BLEED pb-sw is placarded inoperative as per MMEL 36-11-01.
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36-11-01B 36-11-01D 36-11-01F 36-11-01H	Engine Bleed Air Supply System (ETOPS flights)
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Ident.: MO-36-11-00008869.0008001 / 10 AUG 16

2 Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

APU fuel consumption with the APU ON (APU GEN OFF and APU BLEED OFF):

	APU ON (IDLE)						
FL	GND	100	200	315	354	370	390
KG/H	80	60	42	28	24	22	20
LB/H	176	132	93	62	53	49	44

The flight crew should take into account the severity of forecast icing conditions. The wing anti-ice will be lost if the remaining engine bleed air supply system becomes inoperative.

AFTER ENGINE START

- ENG BLEED (AFFECTED) pb-sw..... OFF
- X BLEED rotary selector..... OPEN

■ **If both PACKs are operative:**

■ **If Wing Anti-Ice is not required:**

PACK FLOW selector..... LO

The PACK FLOW selector must be set to LO due to precooler performance.

■ **If Wing Anti-Ice is required:**

PACK (AFFECTED) pb-sw..... OFF

■ **If one PACK is inoperative:**

PACK FLOW selector..... HI

BEFORE TAKEOFF

APU MASTER SW pb-sw..... ON

APU START pb-sw..... ON

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 36 - PNEUMATIC 36-11 - Engine Bleed Air Supply System
------------------------------------------------------	------------------------------------------------------------------------------------------------------

Continued from the previous page

FOR TAKEOFF

Set at least one air conditioning pack to off, or use the APU bleed air supply system.

AFTER TAKEOFF

- If the APU has been used to supply the air conditioning during the takeoff:
APU BLEED pb-sw.....Off

IN FLIGHT

- If Wing Anti-Ice is required and both PACKs are operative:
PACK (affected side) pb-sw.....OFF
- In the case of failure of the remaining engine bleed air supply system, or in the case of failure of the associated engine:
Apply the **AIR ENG 1+2 BLEED FAULT** ECAM procedure.

CAUTION	Reset ENG BLEED pb-sw as requested by ECAM procedure even if the ENG BLEED pb-sw is placarded inoperative as per MMEL 36-11-01.
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36-11-06B	Engine Bleed IP Check Valve
Ident.: MO-36-11-00008870.0001001 / 13 MAY 15 Applicable to: ALL	

FLIGHT PREPARATION/LIMITATIONS

The flight crew should take into account the severity of forecast icing conditions. At low power settings, the wing anti-ice will be lost if the opposite engine bleed air supply system becomes inoperative.

DURING TAXI

When the engines operate in idle thrust:

- ENG (affected side) BLEED pb-sw.....OFF
- X BLEED selector..... OPEN
- If wing anti-ice is required:
One PACK pb-sw..... OFF

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 36 - PNEUMATIC 36-11 - Engine Bleed Air Supply System
------------------------------------------------------	------------------------------------------------------------------------------------------------------

Continued from the previous page

BEFORE TAKEOFF AND UNTIL DESCENT

Just before applying takeoff thrust

- ENG (affected side) BLEED pb-sw..... On
- X BLEED selector..... AUTO
- **If one PACK has been selected OFF during TAXI:**
PACK pb-sw..... ON

BEFORE DESCENT AND UNTIL LANDING

When the engines operate in idle thrust:

- ENG (affected side) BLEED pb-sw.....OFF
- X BLEED selector..... OPEN
- **If wing anti-ice is required:**
One PACK pb-sw..... OFF

36-11-07B	Engine Bleed HP Valve
Ident.: MO-36-11-00008872.0001001 / 11 MAR 10 Applicable to: ALL	

Refer to OpsProc 36-11-06B Engine Bleed IP Check Valve

36-11-08C 36-11-08D 36-11-08E	Bleed Monitoring Computer (BMC)
Ident.: MO-36-11-00008873.0010001 / 15 NOV 18 3 Applicable to: ALL	

DURING COCKPIT PREPARATION

- ENG (affected side) BLEED pb-sw..... OFF
- PACK (affected side) pb-sw..... OFF
- X BLEED selector..... SHUT
- **If the BMC 1 is affected:**
APU BLEED pb-sw..... OFF

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 36 - PNEUMATIC 36-11 - Engine Bleed Air Supply System
------------------------------------------------------	------------------------------------------------------------------------------------------------------

Continued from the previous page

BEFORE ENGINE START

X BLEED selector..... OPEN
APU BLEED pb-sw..... AS RQRD

Note: The use of the APU bleed air supply system is permitted for Main Engine Start.

AFTER ENGINE START

X BLEED selector..... SHUT

- If the BMC 1 is affected:
APU BLEED pb-sw..... OFF

IN FLIGHT

● In the case of failure of the remaining engine bleed air supply system, or in the case of failure of the associated engine:
Apply the **AIR ENG 1+2 BLEED FAULT** ECAM procedure.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 36 - PNEUMATIC 36-11 - Engine Bleed Air Supply System
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 36 - PNEUMATIC 36-12 - APU Bleed Air Supply and Crossbleed Systems
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36-12-01A	APU Bleed Air Supply System
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Ident.: MO-36-12-00021637.0001001 / 03 MAY 17
Applicable to: ALL

GENERAL INFORMATION

No APU bleed air will be available for Main Engine Start (MES) or air conditioning. *Refer to FCOM/PRO-NOR-SUP-ENG Engine Start with an Air Start Unit.*

36-12-02A	APU Bleed Valve (Inoperative in the closed position)
------------------	-------------------------------------------------------------

Ident.: MO-36-12-00008878.0001001 / 03 MAY 17
Applicable to: ALL

GENERAL INFORMATION

No APU bleed air will be available for Main Engine Start (MES) or air conditioning. *Refer to FCOM/PRO-NOR-SUP-ENG Engine Start with an Air Start Unit.*
On the APU SD page, disregard the position of the APU bleed air valve.

36-12-02B 36-12-02C	APU Bleed Valve (Inoperative in the open position)
--------------------------------------	-----------------------------------------------------------

Ident.: MO-36-12-00018564.0001001 / 18 FEB 16
Applicable to: ALL

GENERAL INFORMATION

APU bleed air will be available for Main Engine Start (MES) or air conditioning only on GROUND.
On the APU SD page, disregard the position of the APU bleed air valve.

ON GROUND

- **When the APU runs:**
APU BLEED pb-sw..... ON
- **When the APU shutdowns:**
APU BLEED pb-sw..... OFF

BEFORE TAKEOFF

APU BLEED pb-sw..... OFF
APU MASTER pb-sw..... OFF

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 36 - PNEUMATIC 36-12 - APU Bleed Air Supply and Crossbleed Systems
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------

36-12-04A	Automatic control of the X Bleed Valve
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Ident.: MO-36-12-00008879.0001001 / 13 MAY 15

Applicable to: ALL

GENERAL INFORMATION

When the APU BLEED pb-sw is ON, or for engine start:

- X BLEED selector..... OPEN
- Select SHUT in all other cases.

DURING COCKPIT PREPARATION

Check of the manual control of the X BLEED valve:

- X BLEED selector..... OPEN
- On the BLEED SD page, check that the cross bleed valve is indicated open.
- X BLEED selector.....SHUT
- On the BLEED SD page, check that the cross bleed valve is indicated closed.
- X BLEED selector.....AS RQRD

36-12-05A	Manual Control of the X Bleed Valve
------------------	--------------------------------------------

Ident.: MO-36-12-00015757.0001001 / 11 AUG 15

Applicable to: ALL

DURING COCKPIT PREPARATION

X BLEED selector..... AUTO

Check of the automatic control of the X BLEED valve:

- Check that the APU is started.
- APU BLEED pb-sw..... Off
- On the BLEED SD page, check that the cross bleed valve is indicated closed.
- APU BLEED pb-sw..... ON
- On the BLEED SD page, check that the cross bleed valve is indicated open.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 36 - PNEUMATIC 36-22 - Leak Detection Loop
36-22-01B 36-22-01C 36-22-01D	Pylon Leak Detection System

Ident.: MO-36-22-00008881.0005001 / 15 NOV 18

1 Applicable to: ALL

DURING COCKPIT PREPARATION

- ENG (affected side) BLEED pb-sw..... OFF
- PACK (affected side) pb-sw..... OFF
- X BLEED selector..... SHUT
- **If the LH side is affected:**
 - APU BLEED pb-sw..... OFF

BEFORE ENGINE START

- X BLEED selector..... OPEN
- APU BLEED pb-sw..... AS RQRD
- Note: The use of the APU bleed air supply system is permitted for Main Engine Start.*

AFTER ENGINE START

- X BLEED selector..... SHUT
- **If the LH side is affected:**
 - APU BLEED pb-sw..... OFF

IN FLIGHT

- **In the case of failure of the remaining engine bleed air supply system, or in the case of failure of the associated engine:**
 - Apply the **AIR ENG 1+2 BLEED FAULT** ECAM procedure.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 36 - PNEUMATIC 36-22 - Leak Detection Loop
------------------------------------------------------	-------------------------------------------------------------------------------------------

36-22-03B 36-22-03C 36-22-03D	APU Leak Detection Loop
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Ident.: MO-36-22-00016005.0003001 / 22 NOV 16

2 Applicable to: ALL

DURING COCKPIT PREPARATION

- ENG 1 BLEED pb-sw..... OFF
- PACK 1 pb-sw..... OFF
- X BLEED selector..... SHUT
- APU BLEED pb-sw..... OFF

BEFORE ENGINE START

- X BLEED selector..... OPEN
- APU BLEED pb-sw..... AS RQRD

Note: The use of the APU bleed air supply system is permitted for Main Engine Start.

AFTER ENGINE START

- X BLEED selector..... SHUT
- APU BLEED pb-sw..... OFF

IN FLIGHT

- In the case of failure of the remaining engine bleed air supply system, or in the case of failure of the associated engine:
Apply the **AIR ENG 1+2 BLEED FAULT** ECAM procedure.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 46 - INFORMATION SYSTEMS 46-11 - Aircraft Information Network Systems
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------

46-11-01A	Electronic Flight Bag (EFB) / iPad
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Ident.: MO-46-11-00021727.0001001 / 13 MAY 20

Applicable to: ALL

INOPERATIVE IPAD

If one iPad device (or EFB application) became inoperative, dispatch is allowed when the following alternative procedures are applied:

1. TAKEOFF PERFORMANCE – Two independent calculations of performance data should be obtained. This performance data may be retrieved by the means of (any combination may be used in order of preference):
 - a. Crosscheck calculation with the OCC duty Officer
 - b. If no contact with OCC and only one iPad (EFB) is available, Takeoff Performance Data must be independently calculated on the remaining device by each pilot. In such case, CM2 will accomplish the initial calculation and enter the performance data to the Master OFP. Prior to handing over the iPad (EFB) to CM1, CM2 will exit the Takeoff Performance application. Occurrence report shall be completed by the Captain. Individual calculations must be identical. If not, the pilot and OCC must verify the inserted data, crosscheck to identify the differences and then recalculate.
2. LOADSHEET – Two independent calculations should be obtained. This may be retrieved by the means of (any combination may be used in order of preference):
 - a. Crosscheck calculation with the OCC duty Officer
 - b. If no contact with OCC and only one iPad (EFB) is available, manual load sheet may be performed by the crew. Crew shall ensure that load and trim sheet information is available before departure.
3. LANDING PERFORMANCE – Performance information is available in FCOM and in the QRH.
4. OPERATIONAL DOCUMENTATION – If any Electronic Document, required for the flight (in accordance with OMA), is not available on EFBs, they may be substituted by a minimum of one set of paper or electronic manuals for dispatch.
5. NAVBLUE eCharts – Route Manuals, including GEN Text, are required in the either electronic or paper format. One set of paper chart copies (AD and ENC), covering the aircraft route (including at least departure, destination and alternate airports) shall be available on board.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 46 - INFORMATION SYSTEMS 46-11 - Aircraft Information Network Systems
-------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------

46-11-02A	EFB Docking Station / iPad Bracket
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Ident.: MO-46-11-00021729.0001001 / 27 MAY 21

Applicable to: ALL

ONE OR TWO IPADS DOCKING STATION / IPADS BRACKETS INOPERATIVE

If one or two iPads Brackets became inoperative, the associated iPad(s) (EFB) shall be used during non critical flight phases (on ground and above 1000ft).

When iPad (EFB) is used with non serviceable bracket, the following procedure shall apply:

- Departure procedure shall be inserted and crosschecked in the FMGS,
- If the crew is expecting a complicated taxi pattern, PM may use the EFB before entering the runway for take off or after landing when aircraft has reached taxi speed, to assist the PF during taxi,
- Altitude/distance cross-checks below 1000 FT shall be briefed before iPad(s) are stowed.

46-11-04A	EFB Power Connection
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Ident.: MO-46-11-00021731.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION

One or both USB charging connections may be inoperative provided that iPads' batteries are, on at least two (2) devices, not to be less than 65 %.

Alternate arrangements shall ensure that iPads are adequately charged before each flight.

46-11-05A	EFB Flight Crew Application
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Ident.: MO-46-11-00021732.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION

One or several applications hosted on the EFB may be lost.

Alternate procedures must be established and used for the unavailability of the affected flight crew application.*Refer to OpsProc 46-11-01A Electronic Flight Bag (EFB) (If Installed)*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 46 - INFORMATION SYSTEMS 46-11 - Aircraft Information Network Systems
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46-11-06A	EFB Mounting Device
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Ident.: MO-46-11-00021733.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION

Alternate procedures must be used when the operating procedures required the use of the affected EFB. *Refer to OpsProc 46-11-02A EFB Docking Station (If Installed)*

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 46 - INFORMATION SYSTEMS 46-11 - Aircraft Information Network Systems
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 46 - INFORMATION SYSTEMS 46-21 - Air Traffic and Information Management System
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46-21-01A	Air Traffic Service Unit (procedures do not require ATC datalink)
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Ident.: MO-46-21-00021803.0001001 / 01 AUG 18

1 Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

- ATC datalink communications (ADS-C, CPDLC, DCL, OCL, and D-ATIS) are not available. Associated ATC datalink Required Communication / Surveillance Performance (RCP / Initial Continental Performance for CPDLC and RSP for ADS-C) capabilities are lost. For more information on aircraft capability on ATC datalink communication, *Refer to FCOM/DSC-46-10-10 Overview.*
COMPANY Datalink transmissions may be inoperative, *Refer to Item 46-21-05 COMPANY Datalink.*
- For aircraft with the 4D Operations capability, 4D Operations are not permitted.

46-21-01B	Air Traffic Service Unit (procedures require ATC datalink)
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Ident.: MO-46-21-00021802.0001001 / 01 AUG 18

2 Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

- ATC datalink communications (ADS-C, CPDLC, DCL, OCL, and D-ATIS) are not available. Associated ATC datalink Required Communication / Surveillance Performance (RCP / Initial Continental Performance for CPDLC and RSP for ADS-C) capabilities are lost. For more information on aircraft capability on ATC datalink communication, *Refer to FCOM/DSC-46-10-10 Overview.*
 - As an alternate procedure, ATC may permit the use of voice communication on alternate route that does not require FANS A aircraft capability.
 - ATC permits the use of the voice communication for operations that require FANS B aircraft capability.
- COMPANY Datalink transmissions may be inoperative. *Refer to Item 46-21-05 COMPANY Datalink*
- For aircraft with the 4D Operations capability, 4D Operations are not permitted.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 46 - INFORMATION SYSTEMS 46-21 - Air Traffic and Information Management System
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------

46-21-02B	Datalink Control and Display Unit (DCDU) (procedures do not require ATC datalink)
------------------	----------------------------------------------------------------------------------------------------

Ident.: MO-46-21-00021813.0001001 / 13 MAY 20

Applicable to: LY-RAM

FLIGHT PREPARATION/LIMITATIONS

- ATC datalink communications (CPDLC, DCL, and OCL) are not available.
Associated ATC datalink Required Communication Performance (RCP / Initial Continental Performance for CPDLC) capabilities are lost.
For more information on aircraft capability on ATC datalink communication, *Refer to FCOM/DSC-46-10-10 Overview.*
- For aircraft with the 4D Operations capability, 4D Operations are not permitted.

46-21-02C	Datalink Control and Display Unit (DCDU) (procedures require ATC datalink)
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Ident.: MO-46-21-00021812.0001001 / 13 MAY 20

Applicable to: LY-RAM

FLIGHT PREPARATION/LIMITATIONS

- ATC datalink communications (CPDLC, DCL, and OCL) are not available.
Associated ATC datalink Required Communication Performance (RCP / Initial Continental Performance for CPDLC) capabilities are lost.
For more information on aircraft capability on ATC datalink communication, *Refer to FCOM/DSC-46-10-10 Overview.*
- As an alternate procedure, ATC may permit the use of voice communication on alternate route that does not require FANS A aircraft capability.
- ATC permits the use of the voice communication for operations that require FANS B aircraft capability.
- For aircraft with the 4D Operations capability, 4D Operations are not permitted.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 46 - INFORMATION SYSTEMS 46-21 - Air Traffic and Information Management System
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------

46-21-03B 46-21-03C	ATC MSG pb
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Ident.: MO-46-21-00021809.0001001 / 13 MAY 20

Applicable to: LY-RAM

FLIGHT PREPARATION/LIMITATIONS

- ATC datalink can be used.
- When an ATC datalink message is received:
Any action on the DCDU for this message enables the flight crew to stop the associated alerts (aural alert and ATC MSG pb light flashing, if any).

46-21-04A	ATC Datalink (procedures do not require ATC datalink)
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Ident.: MO-46-21-00021805.0001001 / 13 MAY 20

Applicable to: LY-RAM

FLIGHT PREPARATION/LIMITATIONS

- ATC datalink communications (ADS-C, CPDLC, DCL, OCL, and D-ATIS) are not available. Associated ATC datalink Required Communication / Surveillance Performance (RCP / Initial Continental Performance for CPDLC and RSP for ADS-C) capabilities are lost.
For more information on aircraft capability on ATC datalink communication, *Refer to FCOM/DSC-46-10-10 Overview.*
- For aircraft with the 4D Operations capability, 4D Operations are not permitted.

46-21-04B	ATC Datalink (procedures require ATC datalink)
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Ident.: MO-46-21-00021804.0001001 / 13 MAY 20

Applicable to: LY-RAM

FLIGHT PREPARATION/LIMITATIONS

- ATC datalink communications (ADS-C, CPDLC, DCL, OCL, and D-ATIS) are not available. Associated ATC datalink Required Communication / Surveillance Performance (RCP / Initial Continental Performance for CPDLC and RSP for ADS-C) capabilities are lost.
For more information on aircraft capability on ATC datalink communication, *Refer to FCOM/DSC-46-10-10 Overview.*
- As an alternate procedure, ATC may permit the use of voice communication on alternate route that does not require FANS A aircraft capability.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 46 - INFORMATION SYSTEMS 46-21 - Air Traffic and Information Management System
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------

Continued from the previous page

- ATC permits the use of the voice communication for operations that require FANS B aircraft capability.
- For aircraft with the 4D Operations capability, 4D Operations are not permitted.

46-21-05A	COMPANY Datalink
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Ident.: MO-46-21-00021806.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION

Not applicable for Get Jet Airlines operation.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 49 - AIRBORNE AUXILIARY POWER 49-10 - Power Plant
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49-10-01A 49-10-01B 49-10-01C	Power Plant (APU)
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Ident.: MO-49-10-00008864.0001001 / 03 MAY 17
Applicable to: ALL

DURING PRELIMINARY COCKPIT PREPARATION

Do not use the APU.

APU MASTER SW pb-swOff

No APU bleed air will be available for Main Engine Start (MES) or air conditioning.

No electrical power will be available from the APU generator.

BEFORE PUSHBACK OR ENGINE START

For engine start without APU, *Refer to FCOM/PRO-NOR-SUP-ENG Engine Start with an Air Start Unit.*

AFTER LANDING, AT THE GATE

In absence of suitable ground support equipment at destination, an engine opposite to the refueling point will need to be operated during refueling to ensure the continued availability of bleed air and electrical power for engine starting.

Refer to FCOM/PRO-NOR-SUP-FUEL Refueling with One Engine Running.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 49 - AIRBORNE AUXILIARY POWER 49-10 - Power Plant
------------------------------------------------------	--------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 52 - DOORS 52-01 - Overhead Panels 52-01-01 - CKPT DOOR CONT Overhead Panel
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------

52-01-01-01A	CHAN (1, 2) LEDs on the CKPT DOOR CONT Overhead Panel
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Ident.: MO-52-01-01-00021883.0001001 / 21 NOV 17

Applicable to: ALL

- DURING COCKPIT PREPARATION
- ANN LT selector.....TEST
 - Check that the associated OPEN/FAULT light of the cockpit door comes on.

52-01-01-02A	STRIKE (TOP, MID, BOT) LEDs on the CKPT DOOR CONT Overhead Panel
---------------------	-------------------------------------------------------------------------

Ident.: MO-52-01-01-00021884.0001001 / 21 NOV 17

Applicable to: ALL

- DURING COCKPIT PREPARATION
- ANN LT selector.....TEST
 - Check that the associated OPEN/FAULT light of the cockpit door comes on.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 52 - DOORS 52-01 - Overhead Panels 52-01-01 - CKPT DOOR CONT Overhead Panel
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------

Intentionally left blank

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 52 - DOORS 52-07 - Indications on the DOOR/OXY SD page
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------

52-07-01A	Cabin Door Permanently Indicated Open on the DOOR/OXY SD page (SLIDE ARMED light operative)
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Ident.: MO-52-07-00008846.0001001 / 13 MAY 20
Applicable to: ALL

GENERAL INFORMATION

If cabin doors are affected, indications on the PTP or the FAP may be affected.
If cabin doors are affected, the time recorded in the ACARS movement report may be wrong.

AFTER ENGINE START

● **In the case of false door alert:**
EMER CANC pb Press

Note: the limitation **MAX FL : 100/MEA-MORA** remains displayed on the STATUS SD page.

BEFORE TAKEOFF

CAUTION The T.O CONFIG pb must be maintained pressed to check that there is no alert.

- T.O CONFIG pb Press
In the T.O MEMO, the "T.O CONFIG NORMAL" line will not replace the "T.O CONFIG . . TEST" line.
- Consider normal configuration for takeoff provided that no alert was displayed during the T.O CONFIG TEST.

52-07-01B 52-07-01C 52-07-01D	Cabin Door Permanently Indicated Open on the DOOR/OXY SD page (SLIDE ARMED light may be permanently illuminated)
----------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------

Ident.: MO-52-07-00008847.0001001 / 13 MAY 20
Applicable to: ALL

GENERAL INFORMATION

If cabin doors are affected, indications on the PTP or the FAP may be affected.
If cabin doors are affected, the time recorded in the ACARS movement report may be wrong.
The SLIDE ARMED light on cabin doors may be permanently illuminated.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 52 - DOORS 52-07 - Indications on the DOOR/OXY SD page
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------

Continued from the previous page

AFTER ENGINE START

- **In the case of false door alert:**
EMER CANC pb Press
*Note: the limitation **MAX FL : 100/MEA-MORA** remains displayed on the STATUS SD page.*

BEFORE TAKEOFF

- CAUTION**
The T.O CONFIG pb must be maintained pressed to check that there is no alert.
- T.O CONFIG pbPress
In the T.O MEMO, the "T.O CONFIG NORMAL" line will not replace the "T.O CONFIG . . TEST" line.
 - Consider normal configuration for takeoff provided that no alert was displayed during the T.O CONFIG TEST.

52-07-02A 52-07-02B	Cabin Door Permanently Indicated Closed on the <u>DOOR/OXY SD</u> page
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Ident.: MO-52-07-00008848.0001001 / 13 MAY 20
Applicable to: ALL

GENERAL INFORMATION

If cabin doors are affected, indications on the PTP or the FAP may be affected.
If cabin doors are affected, the time recorded in the ACARS movement report may be wrong.

52-07-03A 52-07-03B 52-07-03C 52-07-03D	Cabin Overwing Exit Permanently Indicated Open on the <u>DOOR/OXY SD</u> page
------------------------------------------------------------------------------	--------------------------------------------------------------------------------------

Ident.: MO-52-07-00008849.0001001 / 13 MAY 20
Applicable to: ALL

GENERAL INFORMATION

Indications on the PTP or the FAP may be affected.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 52 - DOORS 52-07 - Indications on the DOOR/OXY SD page
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------

Continued from the previous page

AFTER ENGINE START

● **In the case of false door alert:**

EMER CANC pb Press

Note: the limitation **MAX FL : 100/MEA-MORA** remains displayed on the STATUS SD page.

BEFORE TAKEOFF

CAUTION The T.O CONFIG pb must be maintained pressed to check that there is no alert.

- T.O CONFIG pb Press
In the T.O MEMO, the "T.O CONFIG NORMAL" line will not replace the "T.O CONFIG . . TEST" line.
- Consider normal configuration for takeoff provided that no alert was displayed during the T.O CONFIG TEST.

52-07-04A 52-07-04B	Cabin Overwing Exit Permanently Indicated Closed on the <u>DOOR/OXY SD</u> page
--------------------------------------	--------------------------------------------------------------------------------------------------

Ident.: MO-52-07-00008850.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION

Indications on the PTP or the FAP may be affected.

52-07-05A	Cargo Door Indication on the <u>DOOR/OXY SD</u> page
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Ident.: MO-52-07-00008851.0001001 / 12 AUG 14

Applicable to: ALL

GENERAL INFORMATION

If the cargo doors are affected, the time recorded in the ACARS movement report may be wrong.

● **If cargo indication is inoperative due to a proximity switch failure:**

The relevant cargo heating  is inhibited. For live animal transportation, use the Live Animal Transportation Calculation Tool.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 52 - DOORS 52-07 - Indications on the DOOR/OXY SD page
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------------

Continued from the previous page

AFTER ENGINE START

- **In the case of false door alert:**
EMER CANC pb..... Press
Note: the limitation **MAX FL : 100/MEA-MORA** remains displayed on the STATUS SD page.

BEFORE TAKEOFF

- CAUTION**
The T.O CONFIG pb must be maintained pressed to check that there is no alert.
- T.O CONFIG pb..... Press
In the T.O MEMO, the "T.O CONFIG NORMAL " line will not replace the "T.O CONFIG . . TEST" line.
 - Consider normal configuration for takeoff provided that no alert was displayed during the T.O CONFIG TEST.

52-07-06A	Avionics Compartment Access Door Indication on the <u>DOOR/OXY</u> SD page
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Ident.: MO-52-07-00008852.0001001 / 12 AUG 14

Applicable to: ALL

AFTER ENGINE START

- **In the case of false door alert:**
EMER CANC pb..... Press
Note: the limitation **MAX FL : 100/MEA-MORA** remains displayed on the STATUS SD page.

BEFORE TAKEOFF

- CAUTION**
The T.O CONFIG pb must be maintained pressed to check that there is no alert.
- T.O CONFIG pb..... Press
In the T.O MEMO, the "T.O CONFIG NORMAL " line will not replace the "T.O CONFIG . . TEST" line.
 - Consider normal configuration for takeoff provided that no alert was displayed during the T.O CONFIG TEST.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 52 - DOORS 52-10 - Cabin Door
-------------------------------------------------------------	------------------------------------------------------------------------------

52-10-01A	Cabin Door
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Ident.: MO-52-10-00021929.0001001 / 27 MAY 21
Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

ON GROUND

COCKPIT CREW:

- Weight and balance manifest must be revised as necessary to ensure proper loading limits are observed.
- Cabin crew and passengers must be briefed prior to takeoff and landing regarding exit that cannot be used for emergency evacuation.

CABIN CREW:

- Check up that a conspicuous barrier strap or rope and a placard stating that door is inoperative shall be placed across inoperative door, and
- All passenger seats halfway to next exit in each direction from inoperative door, across entire width of airplane, shall be blocked off with conspicuous tapes or ropes that contrast with interior prior to loading passengers, as shown in appropriate chart, and
- Conspicuous placards “DO NOT USE” shall be placed in appropriate locations indicating these seats are not to be occupied by passengers, and
- The passenger accomodation on the board of aircraft must be performed in accordance with weight and balance manifest with a maximum nearness to shown chart Seated capacity must not exceed rated capacity of remaining pairs of exits.
- Cabin attendants may be stationed in vicinity of each door within blocked area.

FLIGHT PREPARATION

CALCULATION OF MAXIMUM PASSENGER CAPACITY (MPC) TABLES

Base on CS-MMEL methodology, table below must be used to compute the reduced number of passengers and their distribution in the cabin. See:

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 52 - DOORS 52-10 - Cabin Door
-------------------------------------------------------------	-------------------------------------------------------------------------------------

Continued from the previous page

For Non-overwater flights:

	Door 1 inop	Door 2A inop	Door 2A&2B inop	Door 2B inop	Door 3 inop
Zone A	48	78	41	78	78
Zone B	62	67	41	67	32
Total Zone A+B	110	145	82	145	110
Pax Reduction in Zone A	30	0	37	0	0
Pax Reduction in Zone B	40	35	61	35	70
Pax Total Pax Reduction	70	35	98	35	70

For Overwater flights:

Passenger may be limited by Raft Capacity

	Door 1 inop	Door 2A inop	Door 2A&2B inop	Door 2B inop	Door 3 inop
Zone A	48	78	41	78	55
Zone B	7	67	41	67	0
Total Zone A+B	55	145	82	145	55
Pax Reduction in Zone A	30	0	37	0	23
Pax Reduction in Zone B	95	35	61	35	102
Pax Total Pax Reduction	125	35	98	35	125

52-10-01A	Cabin Door
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Ident.: MO-52-10-00021929.9001002 / 27 MAY 21

Applicable to: LY-RAM

ON GROUND

COCKPIT CREW:

- Weight and balance manifest must be revised as necessary to ensure proper loading limits are observed.
- Cabin crew and passengers must be briefed prior to takeoff and landing regarding exit that cannot be used for emergency evacuation.

CABIN CREW:

- Check up that a conspicuous barrier strap or rope and a placard stating that door is inoperative shall be placed across inoperative door, and
- All passenger seats halfway to next exit in each direction from inoperative door, across entire width of airplane, shall be blocked off with conspicuous tapes or ropes that contrast with interior prior to loading passengers, as shown in appropriate chart, and
- Conspicuous placards "DO NOT USE" shall be placed in appropriate locations indicating these seats are not to be occupied by passengers, and

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 52 - DOORS 52-10 - Cabin Door
-------------------------------------------------------------	------------------------------------------------------------------------------

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- The passenger accommodation on the board of aircraft must be performed in accordance with weight and balance manifest with a maximum nearness to shown chart Seated capacity must not exceed rated capacity of remaining pairs of exits.
- Cabin attendants may be stationed in vicinity of each door within blocked area.

FLIGHT PREPARATION

CALCULATION OF MAXIMUM PASSENGER CAPACITY (MPC) TABLES

Base on CS-MMEL methodology, table below must be used to compute the reduced number of passengers and their distribution in the cabin. See:

For Non-overwater flights:

	Door 1 inop	Door 2A inop	Door 2A&2B inop	Door 2B inop	Door 3
Zone A	48	66	41	66	
Zone B	47	49	41	49	
Total Zone A+B	95	115	82	115	
Pax Reduction in Zone A	18	0	25	0	
Pax Reduction in Zone B	37	35	43	35	
Pax Total Pax Reduction	55	35	68	35	

For Overwater flights:

Passenger may be limited by Raft Capacity

	Door 1 inop	Door 2A inop	Door 2A&2B inop	Door 2B inop	Door 3
Zone A	48	66	41	66	
Zone B	7	49	41	49	
Total Zone A+B	55	115	82	115	
Pax Reduction in Zone A	18	0	25	0	
Pax Reduction in Zone B	77	35	43	35	
Pax Total Pax Reduction	95	35	68	35	

52-10-01A	Cabin Door
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Ident.: MO-52-10-00021929.9001003 / 27 MAY 21

Applicable to: LY-COD

ON GROUND

COCKPIT CREW:

- Weight and balance manifest must be revised as necessary to ensure proper loading limits are observed.
- Cabin crew and passengers must be briefed prior to takeoff and landing regarding exit that cannot be used for emergency evacuation.

Continued on the following page

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CABIN CREW:

- Check up that a conspicuous barrier strap or rope and a placard stating that door is inoperative shall be placed across inoperative door, and
- All passenger seats halfway to next exit in each direction from inoperative door, across entire width of airplane, shall be blocked off with conspicuous tapes or ropes that contrast with interior prior to loading passengers, as shown in appropriate chart, and
- Conspicuous placards "DO NOT USE" shall be placed in appropriate locations indicating these seats are not to be occupied by passengers, and
- The passenger accommodation on the board of aircraft must be performed in accordance with weight and balance manifest with a maximum nearness to shown chart Seated capacity must not exceed rated capacity of remaining pairs of exits.
- Cabin attendants may be stationed in vicinity of each door within blocked area.

FLIGHT PREPARATION

CALCULATION OF MAXIMUM PASSENGER CAPACITY (MPC) TABLES

Base on CS-MMEL methodology, table below must be used to compute the reduced number of passengers and their distribution in the cabin. See:

For Non-overwater flights:

	Door 1 inop	Door 2 inop	Door 3 inop
Zone A	26	33	33
Zone B	54	41	26
Total Zone A+B	80	74	59

Pax Reduction in Zone A	7	0	0
Pax Reduction in Zone B	57	70	85
Pax Total Pax Reduction	64	70	85

For Overwater flights:

Passenger may be limited by Raft capacity

	Door 1 inop	Door 2 inop	Door 3 inop
Zone A	26	33	33
Zone B	29	41	0
Total Zone A+B	55	74	33

Pax Reduction in Zone A	7	0	0
Pax Reduction in Zone B	82	70	111
Pax Total Pax Reduction	89	70	111

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 52 - DOORS 52-10 - Cabin Door
-------------------------------------------------------------	------------------------------------------------------------------------------

52-10-02A	Cabin Overwing Exit
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Ident.: MO-52-10-00021930.0001001 / 13 MAY 20
Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

ON GROUND

COCKPIT CREW:

- Weight and balance manifest must be revised as necessary to ensure proper loading limits are observed.
- Cabin crew and passengers must be briefed prior to takeoff and landing regarding exit that cannot be used for emergency evacuation.

CABIN CREW:

- Check up that a conspicuous barrier strap or rope and a placard stating that door is inoperative shall be placed across inoperative door, and
- All passenger seats halfway to next exit in each direction from inoperative door, across entire width of airplane, shall be blocked off with conspicuous tapes or ropes that contrast with interior prior to loading passengers, as shown in appropriate chart, and
- Conspicuous placards “DO NOT USE” shall be placed in appropriate locations indicating these seats are not to be occupied by passengers, and
- The passenger accomodation on the board of aircraft must be performed in accordance with weight and balance manifest with a maximum nearness to shown chart Seated capacity must not exceed rated capacity of remaining pairs of exits.
- Cabin attendants may be stationed in vicinity of each door within blocked area.

FLIGHT PREPARATION

CALCULATION OF MAXIMUM PASSENGER CAPACITY (MPC) TABLES

Base on CS-MEL methodology, table below must be used to compute the reduced number of passengers and their distribution in the cabin. See:

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 52 - DOORS 52-10 - Cabin Door
-------------------------------------------------------------	-------------------------------------------------------------------------------------

Continued from the previous page

For Non-overwater flights:

	Door 1 inop	Door 2A inop	Door 2A&2B inop	Door 2B inop	Door 3 inop
Zone A	48	78	41	78	78
Zone B	62	67	41	67	32
Total Zone A+B	110	145	82	145	110
Pax Reduction in Zone A	30	0	37	0	0
Pax Reduction in Zone B	40	35	61	35	70
Pax Total Pax Reduction	70	35	98	35	70

For Overwater flights:

Passenger may be limited by Raft Capacity

	Door 1 inop	Door 2A inop	Door 2A&2B inop	Door 2B inop	Door 3 inop
Zone A	48	78	41	78	55
Zone B	7	67	41	67	0
Total Zone A+B	55	145	82	145	55
Pax Reduction in Zone A	30	0	37	0	23
Pax Reduction in Zone B	95	35	61	35	102
Pax Total Pax Reduction	125	35	98	35	125

52-10-02A	Cabin Overwing Exit
------------------	----------------------------

Ident.: MO-52-10-00021930.9001002 / 13 MAY 20

Applicable to: LY-RAM

ON GROUND

COCKPIT CREW:

- Weight and balance manifest must be revised as necessary to ensure proper loading limits are observed.
- Cabin crew and passengers must be briefed prior to takeoff and landing regarding exit that cannot be used for emergency evacuation.

CABIN CREW:

- Check up that a conspicuous barrier strap or rope and a placard stating that door is inoperative shall be placed across inoperative door, and
- All passenger seats halfway to next exit in each direction from inoperative door, across entire width of airplane, shall be blocked off with conspicuous tapes or ropes that contrast with interior prior to loading passengers, as shown in appropriate chart, and
- Conspicuous placards "DO NOT USE" shall be placed in appropriate locations indicating these seats are not to be occupied by passengers, and

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 52 - DOORS 52-10 - Cabin Door
-------------------------------------------------------------	------------------------------------------------------------------------------

Continued from the previous page

- The passenger accommodation on the board of aircraft must be performed in accordance with weight and balance manifest with a maximum nearness to shown chart Seated capacity must not exceed rated capacity of remaining pairs of exits.
- Cabin attendants may be stationed in vicinity of each door within blocked area.

FLIGHT PREPARATION

CALCULATION OF MAXIMUM PASSENGER CAPACITY (MPC) TABLES

Base on CS-MEL methodology, table below must be used to compute the reduced number of passengers and their distribution in the cabin. See:

For Non-overwater flights:

	Door 1 inop	Door 2A inop	Door 2A&2B inop	Door 2B inop	Door 3
Zone A	48	66	41	66	
Zone B	47	49	41	49	
Total Zone A+B	95	115	82	115	
Pax Reduction in Zone A	18	0	25	0	
Pax Reduction in Zone B	37	35	43	35	
Pax Total Pax Reduction	55	35	68	35	

For Overwater flights:

Passenger may be limited by Raft Capacity

	Door 1 inop	Door 2A inop	Door 2A&2B inop	Door 2B inop	Door 3
Zone A	48	66	41	66	
Zone B	7	49	41	49	
Total Zone A+B	55	115	82	115	
Pax Reduction in Zone A	18	0	25	0	
Pax Reduction in Zone B	77	35	43	35	
Pax Total Pax Reduction	95	35	68	35	

52-10-02A	Cabin Overwing Exit
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Ident.: MO-52-10-00021930.9001003 / 13 MAY 20

Applicable to: LY-COD

ON GROUND

COCKPIT CREW:

- Weight and balance manifest must be revised as necessary to ensure proper loading limits are observed.
- Cabin crew and passengers must be briefed prior to takeoff and landing regarding exit that cannot be used for emergency evacuation.

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Continued from the previous page

CABIN CREW:

- Check up that a conspicuous barrier strap or rope and a placard stating that door is inoperative shall be placed across inoperative door, and
- All passenger seats halfway to next exit in each direction from inoperative door, across entire width of airplane, shall be blocked off with conspicuous tapes or ropes that contrast with interior prior to loading passengers, as shown in appropriate chart, and
- Conspicuous placards "DO NOT USE" shall be placed in appropriate locations indicating these seats are not to be occupied by passengers, and
- The passenger accommodation on the board of aircraft must be performed in accordance with weight and balance manifest with a maximum nearness to shown chart Seated capacity must not exceed rated capacity of remaining pairs of exits.
- Cabin attendants may be stationed in vicinity of each door within blocked area.

FLIGHT PREPARATION

CALCULATION OF MAXIMUM PASSENGER CAPACITY (MPC) TABLES

Base on CS-MEL methodology, table below must be used to compute the reduced number of passengers and their distribution in the cabin. See:

For Non-overwater flights:

	Door 1 inop	Door 2 inop	Door 3 inop
Zone A	26	33	33
Zone B	54	41	26
Total Zone A+B	80	74	59

Pax Reduction in Zone A	7	0	0
Pax Reduction in Zone B	57	70	85
Pax Total Pax Reduction	64	70	85

For Overwater flights:

Passenger may be limited by Raft capacity

	Door 1 inop	Door 2 inop	Door 3 inop
Zone A	26	33	33
Zone B	29	41	0
Total Zone A+B	55	74	33

Pax Reduction in Zone A	7	0	0
Pax Reduction in Zone B	82	70	111
Pax Total Pax Reduction	89	70	111

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 52 - DOORS 52-10 - Cabin Door
-------------------------------------------------------------	------------------------------------------------------------------------------

52-10-06A	Cabin Door DOOR PRESS LOW Message on the PTP STATUS Page
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Ident.: MO-52-10-00023733.0001001 / 19 NOV 19
Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

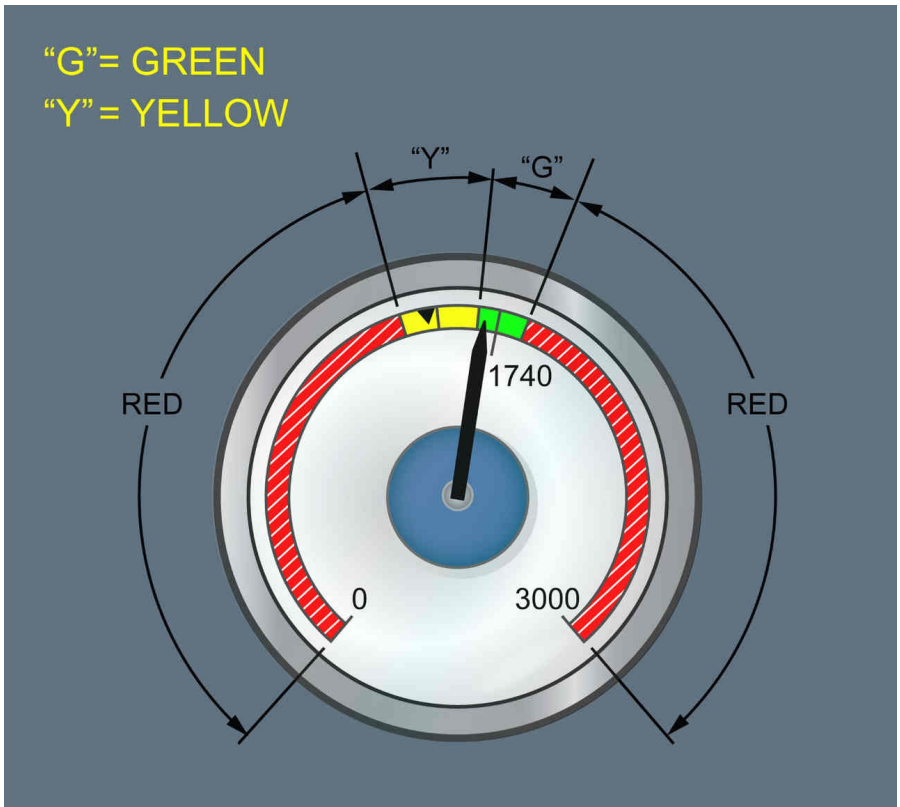
BEFORE PASSENGER BOARDING

CAUTION

● **Before opening the door:**

Ensure that the door is in disarmed position.

Check of the pressure of the door bottle by direct reading on the emergency opening pressure gauge:



Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 52 - DOORS 52-10 - Cabin Door
------------------------------------------------------	------------------------------------------------------------------------------

Continued from the previous page

■ **If the pointer is located in the green zone:**

The door bottle pressure is acceptable

■ **If the pointer is located in the yellow zone:**

The door bottle pressure is still acceptable but the maintenance must be notified and the door bottle pressure must be checked before the next flight. Servicing must be envisaged at short notice.

■ **In all other cases:**

Servicing is mandatory, or

The associated cabin door is considered inoperative. *Refer to Item 52-10-01A Cabin Door*

52-10-06A	Cabin Door CHECK DOOR PRESSURE Message on the FAP
Ident.: MO-52-10-00023734.0004001 / 13 MAY 20 Applicable to: LY-COD, LY-RAM	

BEFORE PASSENGER BOARDING

CAUTION

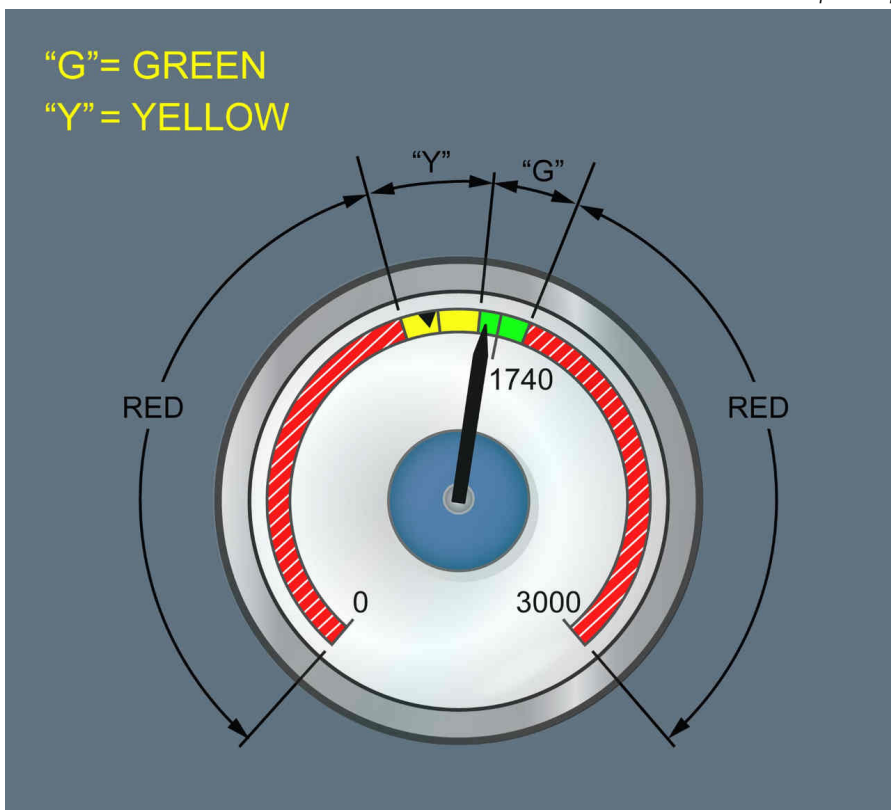
● **Before opening the door:**

Ensure that the door is in disarmed position.

Check of the pressure of the door bottle by direct reading on the emergency opening pressure gauge:

Continued on the following page

Continued from the previous page



■ **If the pointer is located in the green zone:**

The door bottle pressure is acceptable

■ **If the pointer is located in the yellow zone:**

The door bottle pressure is still acceptable but the maintenance must be notified and the door bottle pressure must be checked before the next flight. Servicing must be envisaged at short notice.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 52 - DOORS 52-10 - Cabin Door
------------------------------------------------------	------------------------------------------------------------------------------

Continued from the previous page

- **In all other cases:**
 - Servicing is mandatory, or
 - The associated cabin door is considered inoperative. *Refer to Item 52-10-01A Cabin Door*

52-10-08A	CABIN PRESSURE light (on Cabin Doors)
------------------	----------------------------------------------

Ident.: MO-52-10-00024692.0001001 / 24 FEB 21

Applicable to: ALL

ON GROUND

In order to prevent an inadvertent pressurization of the aircraft when the aircraft is ventilated with an external air source, ground procedures must strictly be applied.

AFTER LANDING

- Coordination between the flight crew and the cabin crew must be made to ensure safe opening of any cabin door.
- Coordination between the flight crew and the ground personnel must be made to ensure safe opening of any cabin door from the outside.

Before the cabin crew opens the cabin door, the flight crew must confirm the absence of residual differential pressure:

- PACK 1 pb-sw.....OFF
- PACK 2 pb-sw.....OFF

On the CAB PRESS SD page check:

- ΔP = 0.0 PSI
- Outflow valve position is fully open

WARNING

DO NOT OPEN any cabin door if all the above conditions are not fulfilled.
Residual pressure remains.

Once the above conditions are fulfilled:

- The flight crew can order the cabin crew to open the cabin doors.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 52 - DOORS 52-10 - Cabin Door
-------------------------------------------------------------	------------------------------------------------------------------------------

52-10-10A	Door Residual Differential Pressure Detection
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Ident.: MO-52-10-00024693.0001001 / 24 FEB 21

Applicable to: ALL

ON GROUND

In order to prevent an inadvertent pressurization of the aircraft when the aircraft is ventilated with an external air source, ground procedures must strictly be applied.

AFTER LANDING

Coordination between the flight crew and the cabin crew must be made to ensure safe opening of any cabin door.

Coordination between the flight crew and the ground personnel must be made to ensure safe opening of any cabin door from the outside.

Before the cabin crew opens the cabin door, the flight crew must confirm the absence of residual differential pressure:

- PACK 1 pb-sw.....OFF
- PACK 2 pb-sw.....OFF

On the CAB PRESS SD page check:

- $\Delta P = 0.0$ PSI
- Outflow valve position is fully open

WARNING	DO NOT OPEN any cabin door if all the above conditions are not fulfilled. Residual pressure remains.
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Once the above conditions are fulfilled:

- If triggered, disregard and clear the CAB PR EXCES RESIDUAL PR alert.
- The flight crew can order the cabin crew to open the cabin doors.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 52 - DOORS 52-10 - Cabin Door
------------------------------------------------------	------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 52 - DOORS 52-30 - Cargo Door
------------------------------------------------------	------------------------------------------------------------------------------

52-30-03A 52-30-03B	Cargo Door Electrical Control
--------------------------------------	--------------------------------------

Ident.: MO-52-30-00021155.0001001 / 31 JAN 17

Applicable to: ALL

DURING COCKPIT PREPARATION

DOORS/CARGO (122VU T12) C/B.....Pull

52-30-07A	Cargo Door Open/Locked Indicator light
------------------	-----------------------------------------------

Ident.: MO-52-30-00009614.0001001 / 11 MAR 10

Applicable to: ALL

- ON GROUND**
- **When the Cargo Door Open/Locked Indicator light is inoperative, it is necessary to inform the ground personnel:**
 - To visually check that the affected cargo door is in the fully open position, with no downward movement after releasing the lever of the manual selector valve.
 - To visually check that the lever of the manual selector valve stays in the neutral position.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 52 - DOORS 52-30 - Cargo Door
------------------------------------------------------	------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 52 - DOORS 52-51 - Reinforced Cockpit Door (CDLS)
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------

52-51-01B	CDLS Normal System
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Ident.: MO-52-51-00021893.0001001 / 13 MAY 20

Applicable to: LY-COB, LY-COD, LY-ELK, LY-OWL

ON GROUND:

Before each flight, Commander should brief the SCCM alternate procedure of cockpit entry. SCCM should call Flight Deck and explain reason of entry requirement to Flight Deck by interphone, using name and agreed phraseology, then ask clearance to enter the Flight Deck.

When CDSS or any subpart is inoperative, confirm the bona fides of the person requesting entry by means of the cockpit door direct viewer.

GENERAL INFORMATION

Since the CDLS Normal system is deactivated, the keypad becomes inoperative.

The flight crew must brief the cabin crew that the CDLS keypad is inoperative.

For a request access to the cockpit, use the cabin interphone.

IN FLIGHT

At least two crewmembers must be present in the cockpit at all times during the flight.

52-51-01B	CDLS Normal System
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Ident.: MO-52-51-00021893.0002001 / 13 MAY 20

Applicable to: LY-EMU, LY-RAM

ON GROUND:

Before each flight, Commander should brief the SCCM alternate procedure of cockpit entry. SCCM should call Flight Deck and explain reason of entry requirement to Flight Deck by interphone, using name and agreed phraseology, then ask clearance to enter the Flight Deck..

When CDSS or any subpart is inoperative, confirm the bona fides of the person requesting entry by means of the cockpit door direct viewer.

Note: In the case of rapid decompression in the cockpit, the use of the deadbolt prevents the automatic opening of the cockpit door.

GENERAL INFORMATION

Since the CDLS Normal system is deactivated, the keypad becomes inoperative.

The flight crew must brief the cabin crew that the CDLS keypad is inoperative.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 52 - DOORS 52-51 - Reinforced Cockpit Door (CDLS)
-------------------------------------------------------------	--------------------------------------------------------------------------------------------------

Continued from the previous page

For a request access to the cockpit, use the cabin interphone.

IN FLIGHT

At least two crewmembers must be present in the cockpit at all times during the flight.

● **If the deadbolt is used:**

The flight crew has to manually open the cockpit door. Therefore, the access to the cockpit should be limited to the minimum necessary.

52-51-03A	CDLS Buzzer
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Ident.: MO-52-51-00022211.0001001 / 13 MAY 20

Applicable to: **ALL**

GENERAL INFORMATION:

Before each flight, Commander should brief the SCCM alternate procedure of cockpit entry. SCCM should call Flight Deck and explain reason of entry requirement to Flight Deck by interphone, using name and agreed phraseology, then ask clearance to enter the Flight Deck.

52-51-04A	CDLS Keypad
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Ident.: MO-52-51-00008845.0001001 / 13 MAY 20

Applicable to: **ALL**

GENERAL INFORMATION:

Before each flight, Commander should brief the SCCM alternate procedure of cockpit entry. SCCM should call Flight Deck and explain reason of entry requirement to Flight Deck by interphone, using name and agreed phraseology, then ask clearance to enter the Flight Deck

The cockpit crew must brief the cabin crew that the CDLS keypad is inoperative.

IN FLIGHT

At least two people must always be present in the cockpit throughout the entire flight.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 52 - DOORS 52-51 - Reinforced Cockpit Door (CDLS)
------------------------------------------------------	--------------------------------------------------------------------------------------------------

52-51-05A	CDLS Keypad LED
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Ident.: MO-52-51-00021880.0001001 / 13 MAY 20

Applicable to: ALL

GENERAL INFORMATION:

- **When the green or red LEDs is inoperative:**
Before each flight, Commander should remind the cabin crew to push the door manually to confirm that the cockpit door is locked or unlocked.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 52 - DOORS 52-51 - Reinforced Cockpit Door (CDLS)
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 52 - DOORS 52-53 - COCKPIT DOOR Panel on the Center Pedestal
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

52-53-02A	COCKPIT DOOR OPEN light
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Ident.: MO-52-53-00021881.0001001 / 21 NOV 17

Applicable to: ALL

ON GROUND AND IN FLIGHT

Check that the cockpit door is closed and locked.

52-53-04A	UNLOCK Function of the COCKPIT DOOR sw
------------------	-----------------------------------------------

Ident.: MO-52-53-00021882.0001001 / 21 NOV 17

Applicable to: ALL

GENERAL INFORMATION

The flight crew has to manually open the door. Therefore, the access to the cockpit should be limited to the strict necessary.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 52 - DOORS 52-53 - COCKPIT DOOR Panel on the Center Pedestal
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 56 - WINDOWS 56-10 - Cockpit
------------------------------------------------------	----------------------------------------------------------------------

56-10-01A 56-10-01B 56-10-01C 56-10-01D	Front Windshield
--------------------------------------------------	-------------------------

Ident.: MO-56-10-00008835.0001001 / 11 FEB 15
Applicable to: ALL

FLIGHT PREPARATION/LIMITATIONS

- **When PF side is affected:**
Maximum landing capability is CAT 1
- **When PM side is affected:**
Maximum landing capability is not affected and is still CAT 3 DUAL.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 56 - WINDOWS 56-10 - Cockpit
------------------------------------------------------	-----------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 73 - ENGINE FUEL AND CONTROL 73-20 - Controlling
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------

73-20-04A	EPR Control Mode
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Ident.: MO-73-20-00008833.0001001 / 20 AUG 19


Applicable to: LY-COB, LY-EMU

GENERAL INFORMATION

The autothrust function is inoperative.

α floor is not available.

β target is not available.

Bump  is inoperative.

FLIGHT PREPARATION/LIMITATIONS

Takeoff performance:

The following method may be used for takeoff performance determination if no takeoff data (Predetermined by using OCTOPUS program or other equivalent program with present failure case taken into account) is available.

Method:

- Determine the MTOW and the associated speeds in normal conditions.
- Apply the following decrements function of the MTOW in normal conditions:

Normal TOW kg (lb)	40 000 (90 000)	45 000 (100 000)	50 000 (110 000)	55 000 (120 000)	60 000 (130 000)
Weight decrement kg (lb)	5 200 (11 700)	5 900 () 13 000)	6 500 (14 300)	7 200 (15 600)	7 800 (16 900)
V1, VR and V2 decrement (kt)	7	8	9	9	10

Normal TOW kg (lb)	65 000 (140 000)	70 000 (160 000)	75 000 (170 000)	80 000 (180 000)	85 000 (190 000)
Weight decrement kg (lb)	8 500 (18 200)	9 100 (20 800)	9 800 (22 100)	10 400 (23 400)	11 000 (24 700)
V1, VR and V2 decrement (kt)	11	12	13	14	15

Continued on the following page

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Check that the takeoff speeds are equal to or above the minimum control speeds.

If no minimum speed value is available on the RTOW charts, use the conservative values provided in Refer to FCOM/PER-TOF-TOD-25-20 MINIMUM V2 LIMITED BY VMU/VMCA (KT IAS).

Check that the corrected V1 is equal to or above the minimum V1 value shown on the RTOW chart (due to VMCG limitation).

● **If the corrected V1 is lower than the minimum V1:**

Take this last value as V1.

Further decrease the weight by 1 000 kg (2 200 lb) per kt difference between both values.

Decrease VR and V2 by 1.3 kt per kt increase in V1

Check that the corrected VR is equal to or above the minimum VR value shown on the RTOW chart (due to VMCA limitation).

● **If the corrected VR is lower than the minimum VR:**

Takeoff cannot be performed using this method.

Check that the corrected V2 is equal to or above the minimum V2 value shown on the RTOW chart (due to VMU/VMCA limitation).

● **If the corrected V2 is lower than the minimum V2:**

Takeoff cannot be performed using this method.

● **If the actual TOW is lower than the MTOW calculated using above method:**

- Determine V1, VR and V2 for the MTOW
- Decrease V1, VR and V2 by 1.3 kt per 1 000 kg (0.6 kt per 1 000 lb) difference between the MTOW and the actual TOW

V1, VR, and V2 must not decrease below the minimum speeds defined above.

Single engine cruise:

Drift down ceiling:

Actual Weight (1 000 kg)	40	50	60	70
Ceiling Penalty (ft)	4 000	4 700	5 300	6 000

Go-Around performance:

Go around weight:

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 73 - ENGINE FUEL AND CONTROL 73-20 - Controlling
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------

Continued from the previous page

Normal go around Weight (1 000 kg)	40	45	50	55	60	65	70	75	80	85
Weight Penalty (1 000 kg)	5.2	5.9	6.5	7.2	7.8	8.5	9.1	9.8	10.4	11

BEFORE ENGINE START

- ENG 1 N1 MODE pb-sw ON
- ENG 2 N1 MODE pb-sw ON

FOR TAKEOFF


Flexible takeoff is not permitted.

73-20-04A	EPR Control Mode
------------------	-------------------------

Ident.: MO-73-20-00008833.0033001 / 18 FEB 20

Applicable to: LY-ELK, LY-OWL

GENERAL INFORMATION

- The autothrust function is inoperative.
- α floor is not available.
- β target is not available.
- Bump  is inoperative.

FLIGHT PREPARATION/LIMITATIONS

Takeoff performance:

The following method may be used for takeoff performance determination if no takeoff data (Predetermined by using OCTOPUS program or other equivalent program with present failure case taken into account) is available.

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 73 - ENGINE FUEL AND CONTROL 73-20 - Controlling
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------

Continued from the previous page

Method:

- Determine the MTOW and the associated speeds in normal conditions.
- Apply the following decrements function of the MTOW in normal conditions:

Normal TOW kg (lb)	40 000 (90 000)	45 000 (100 000)	50 000 (110 000)	55 000 (120 000)	60 000 (130 000)
Weight decrement kg (lb)	5 200 (11 700)	5 900 (13 000)	6 500 (14 300)	7 200 (15 600)	7 800 (16 900)
V1, VR and V2 decrement (kt)	7	8	9	9	10
Normal TOW kg (lb)	65 000 (140 000)	70 000 (160 000)	75 000 (170 000)	80 000 (180 000)	85 000 (190 000)
Weight decrement kg (lb)	8 500 (18 200)	9 100 (20 800)	9 800 (22 100)	10 400 (23 400)	11 000 (24 700)
V1, VR and V2 decrement (kt)	11	12	13	14	15

Check that the takeoff speeds are equal to or above the minimum control speeds.

If no minimum speed value is available on the RTOW charts, use the conservative values provided in Refer to FCOM/PER-TOF-TOD-25-20 MINIMUM V2 LIMITED BY VMU/VMCA (KT IAS).

Check that the corrected V1 is equal to or above the minimum V1 value shown on the RTOW chart (due to VMCG limitation).

● **If the corrected V1 is lower than the minimum V1:**

Take this last value as V1.

Further decrease the weight by 1 000 kg (2 200 lb) per kt difference between both values.

Decrease VR and V2 by 1.3 kt per kt increase in V1

Check that the corrected VR is equal to or above the minimum VR value shown on the RTOW chart (due to VMCA limitation).

● **If the corrected VR is lower than the minimum VR:**

Takeoff cannot be performed using this method.

Check that the corrected V2 is equal to or above the minimum V2 value shown on the RTOW chart (due to VMU/VMCA limitation).

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 73 - ENGINE FUEL AND CONTROL 73-20 - Controlling
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------

Continued from the previous page

● **If the corrected V2 is lower than the minimum V2:**

Takeoff cannot be performed using this method.

● **If the actual TOW is lower than the MTOW calculated using above method:**

- Determine V1, VR and V2 for the MTOW
- Decrease V1, VR and V2 by 1.3 kt per 1 000 kg (0.6 kt per 1 000 lb) difference between the MTOW and the actual TOW

V1, VR, and V2 must not decrease below the minimum speeds defined above.

Single engine cruise:

Drift down ceiling:

Actual Weight (1 000 kg)	40	50	60	70
Ceiling Penalty (ft)	4 000	4 700	5 300	6 000

Go-Around performance:

Go around weight:

Normal go around Weight (1 000 kg)	40	45	50	55	60	65	70	75	80	85
Weight Penalty (1 000 kg)	5.2	5.9	6.5	7.2	7.8	8.5	9.1	9.8	10.4	11

BEFORE ENGINE START

- ENG 1 N1 MODE pb-sw ON
- ENG 2 N1 MODE pb-sw ON

FOR TAKEOFF

Flexible takeoff is not permitted.

73-20-05A	Minimum Idle on Ground
------------------	-------------------------------

Ident.: MO-73-20-00008834.0019001 / 11 MAR 10

Applicable to: LY-COD, LY-RAM

FLIGHT PREPARATION/LIMITATIONS

Takeoff performance:

Continued on the following page

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 73 - ENGINE FUEL AND CONTROL 73-20 - Controlling
-------------------------------------------------------------	-------------------------------------------------------------------------------------------------

Continued from the previous page

Use the following penalties for takeoff performance determination if no takeoff data (predetermined by using OCTOPUS program or other equivalent program with present failure case taken into account) is available. Takeoff must be performed with full thrust.

	VMCG/VMCA limitation	No VMCG/VMCA limitation
Weight decrement (kg/lb)	1 800/4 000	200/450
V1, VR, V2 decrement (kt IAS)	0	1

Landing performance:

No penalty.

73-20-05A	Minimum Idle on Ground
------------------	-------------------------------

Ident.: MO-73-20-00008834.0008001 / 11 MAR 10
Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

GENERAL INFORMATION

Continuous ignition is permanently on.

FLIGHT PREPARATION/LIMITATIONS

Takeoff performance:

Use the following penalties for takeoff performance determination if no takeoff data (predetermined by using OCTOPUS program or other equivalent program with present failure case taken into account) is available. Takeoff must be performed with full thrust.

	VMCG/VMCA limitation	No VMCG/VMCA limitation
Weight decrement (kg/lb)	2 900/6 400	400/900
V1, VR, V2 decrement (kt IAS)	0	1

Landing performance:

No penalty.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 74 - IGNITION 74-07 - Indications on the ENGINE SD page
------------------------------------------------------	--------------------------------------------------------------------------------------------------------

74-07-01A	Selected Igniter Indication on the <u>ENGINE</u> SD page
------------------	-----------------------------------------------------------------

Ident.: MO-74-07-00008832.0001001 / 18 MAR 10

Applicable to: ALL

AFTER ENGINE START

- **If engine 1 is affected:**
 - ENGINE/1 AND 2/IGN/SYS A (49VU A03) C/B..... PULL
 - ENGINE/IGN/ENG 1/ SYS A BAT (121VU P39) C/B..... PULL
 - ENGINE/IGN/ENG 1/ SYS B (121VU P41) C/B..... PULL
- **If engine 2 is affected:**
 - ENGINE/1 AND 2/IGN/SYS A (49VU A03) C/B..... PULL
 - ENGINE/IGN/ENG 2/ SYS A BAT (121VU P40) C/B..... PULL
 - ENGINE/IGN/ENG 2/ SYS B (121VU P42) C/B..... PULL

On the EWD, check that the **ENG 1(2) A+B IGN FAULT** alert is displayed.

- **If engine 1 is affected:**
 - ENGINE/1 AND 2/IGN/SYS A (49VU A03) C/B..... PUSH
 - ENGINE/IGN/ENG 1/ SYS A BAT (121VU P39) C/B..... PUSH
 - ENGINE/IGN/ENG 1/ SYS B (121VU P41) C/B..... PUSH
- **If engine 2 is affected:**
 - ENGINE/1 AND 2/IGN/SYS A (49VU A03) C/B..... PUSH
 - ENGINE/IGN/ENG 2/ SYS A BAT (121VU P40) C/B..... PUSH
 - ENGINE/IGN/ENG 2/ SYS B (121VU P42) C/B..... PUSH

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 74 - IGNITION 74-07 - Indications on the ENGINE SD page
------------------------------------------------------	--------------------------------------------------------------------------------------------------------

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 74 - IGNITION 74-31 - Ignition Starting and Continuous Relight
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------

74-31-01A	Ignition System A
------------------	--------------------------

Ident.: MO-74-31-00008828.0003001 / 03 MAY 17

1

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

BEFORE ENGINE START

On ground, if the FADEC selects the Ignition System A during an automatic start, the engine fails to start and the **ENG 1(2) START FAULT [IGNITION FAULT]** alert appears on the EWD.

To prevent a possible start abort with the triggering of the **ENG 1(2) START FAULT [IGNITION FAULT]** alert, perform a manual engine start. *Refer to FCOM/PRO-NOR-SUP-ENG Manual Engine Start - Procedure.*

74-31-01A	Ignition System A
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Ident.: MO-74-31-00008828.0008001 / 03 MAY 17

Applicable to: LY-COD, LY-RAM

BEFORE ENGINE START

On ground, if the FADEC selects the Ignition System A during an automatic start, the engine fails to start and the alert related to the failure of the Ignition System A appears on the EWD. Then, the FADEC automatically initiates an additional engine start attempt with both ignition systems selected.

To maximize the probability to start the engine at the first attempt, the Ignition System B must be selected by the FADEC. Perform one of the following engine starts:

- **An automatic engine start:**
 - **Before engine start:**
ENGINE/1 AND 2/IGN/SYS A (49VU A03) C/B PULL
 - **After engine start:**
ENGINE/1 AND 2/IGN/SYS A (49VU A03) C/B PUSH
- **A manual engine start:**

Refer to FCOM/PRO-NOR-SUP-ENG Manual Engine Start - Procedure.

It remains possible to perform an automatic engine start without pulling the circuit breakers of the Ignition System A. The first start attempt may be successful because the FADEC may select the Ignition System B. However, the first start attempt may fail because the FADEC may select the Ignition System A.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 74 - IGNITION 74-31 - Ignition Starting and Continuous Relight
------------------------------------------------------	---------------------------------------------------------------------------------------------------------------

74-31-02A	Ignition System B
------------------	--------------------------

Ident.: MO-74-31-00008829.0005001 / 03 MAY 17

2
Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

BEFORE ENGINE START

On ground, if the FADEC selects the Ignition System B during an automatic start, the engine fails to start and the **ENG 1(2) START FAULT [IGNITION FAULT]** alert appears on the EWD.

To prevent a possible start abort with the triggering of the **ENG 1(2) START FAULT [IGNITION FAULT]** alert, perform a manual engine start. *Refer to FCOM/PRO-NOR-SUP-ENG Manual Engine Start - Procedure.*

74-31-02A	Ignition System B
------------------	--------------------------

Ident.: MO-74-31-00008829.0008001 / 03 MAY 17

Applicable to: LY-COD, LY-RAM

BEFORE ENGINE START

On ground, if the FADEC selects the Ignition System B during an automatic start, the engine fails to start and the alert related to the failure of the Ignition System B appears on the EWD. Then, the FADEC automatically initiates an additional engine start attempt with both ignition systems selected.

To maximize the probability to start the engine at the first attempt, the Ignition System A must be selected by the FADEC. Perform one of the following engine starts:

- **An automatic engine start:**
 - **Before engine start:**
ENGINE/IGN/ENG 1(2)/SYS B (121VU P41 or P42) C/BPULL
 - **After engine start:**
ENGINE/IGN/ENG 1(2)/SYS B (121VU P41 or P42) C/B PUSH
- **A manual engine start:**
Refer to FCOM/PRO-NOR-SUP-ENG Manual Engine Start - Procedure.

It remains possible to perform an automatic engine start without pulling the circuit breakers of the Ignition System B. The first start attempt may be successful because the FADEC may select the Ignition System A. However, the first start attempt may fail because the FADEC may select the Ignition System B.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 78 - EXHAUST 78-30 - Thrust Reversers
------------------------------------------------------	--------------------------------------------------------------------------------------

78-30-01A	Thrust Reverser
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Ident.: MO-78-30-00008825.0023001 / 21 NOV 17

Applicable to: LY-COD, LY-RAM

FLIGHT PREPARATION/LIMITATIONS

Performance Adjustments:

	Runway State	Performance Adjustments
One Thrust Reverser Inoperative	Takeoff Dry, or Landing Dry, or Landing Wet	No performance adjustments necessary (basic performance data is computed without thrust reversers).
	Takeoff Wet, or Takeoff Contaminated, or Landing Contaminated	Use performance data computed with either: - All thrust reversers inoperative, or - One thrust reverser inoperative.

	Runway State	Performance Adjustments
Both Thrust Reversers Inoperative	Takeoff Dry, or Landing Dry, or Landing Wet	No performance adjustments necessary (basic performance data is computed without thrust reversers).
	Takeoff Wet, or Takeoff Contaminated, or Landing Contaminated	Use performance data computed with all thrust reversers inoperative.

DURING COCKPIT PREPARATION

- **After application of the maintenance procedure**
and

When the FADEC have power:

Check that the **ENG (AFFECTED SIDE) REV INHIBITED** alert is displayed on the EWD.

FOR TAKEOFF

During the takeoff briefing, the flight crew must review:

- The status of the thrust reversers, and
- The use of the thrust reversers

REJECTED TAKEOFF

Ensure that both engine thrust levers are set to IDLE detent, then:

- **If one thrust reverser is inoperative:**
Use both thrust levers when applying reverse thrust.
- **If both thrust reversers are inoperative:**
Do not move the thrust levers to reverse.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 78 - EXHAUST 78-30 - Thrust Reversers
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Continued from the previous page

IN FLIGHT

- Should a failure occur with "LDG DIST PROC.....**APPLY**" message displayed on the **STATUS SD** page,
and

Whatever the actual thrust reversers selection at landing:

To calculate the LDG DIST with the in-flight failure, do not take credit of the inoperative thrust reversers (Refer to QRH PER-A).

DURING APPROACH

During the approach briefing, the flight crew must review:

- The status of the thrust reversers, and
- The use of the thrust reversers

FOR LANDING

Before the touchdown, ensure that both engine thrust levers are set to IDLE detent for the flare.

- **After touchdown, if one thrust reverser is inoperative:**

Use both thrust levers when applying reverse thrust.

For automatic roll-out with one thrust reverser inoperative, *Refer to AFM/LIM-22-FGS CAT II / CAT III Operations*

- **After touchdown, if both thrust reversers are inoperative:**

Do not move the thrust levers to reverse.

78-30-01A	Thrust Reverser
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Ident.: MO-78-30-00008825.0010001 / 03 MAY 17

Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

FLIGHT PREPARATION/LIMITATIONS

Performance Adjustments:

	Runway State	Performance Adjustments
One Thrust Reverser Inoperative	Takeoff Dry, or Landing Dry, or Landing Wet	No performance adjustments necessary (basic performance data is computed without thrust reversers).
	Takeoff Wet, or Takeoff Contaminated, or Landing Contaminated	Use performance data computed with either: <ul style="list-style-type: none"> - All thrust reversers inoperative, or - One thrust reverser inoperative.

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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 78 - EXHAUST 78-30 - Thrust Reversers
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	Runway State	Performance Adjustments
Both Thrust Reversers Inoperative	Takeoff Dry, or Landing Dry, or Landing Wet	No performance adjustments necessary (basic performance data is computed without thrust reversers).
	Takeoff Wet, or Takeoff Contaminated, or Landing Contaminated	Use performance data computed with all thrust reversers inoperative.

DURING COCKPIT PREPARATION

- **After application of the maintenance procedure**
and
When the FADEC have power:
Check that the **ENG (AFFECTED SIDE) REV INHIBITED** alert is displayed on the EWD.

FOR TAKEOFF

During the takeoff briefing, the flight crew must review:

- The status of the thrust reversers, and
- The use of the thrust reversers

REJECTED TAKEOFF

Ensure that both engine thrust levers are set to IDLE detent, then:

- **If one thrust reverser is inoperative:**
Use both thrust levers when applying reverse thrust.
- **If both thrust reversers are inoperative:**
Do not move the thrust levers to reverse.

IN FLIGHT

- **Should a failure occur with "LDG DIST PROC.....APPLY" message displayed on the STATUS SD page,**
and
Whatever the actual thrust reversers selection at landing:
To calculate the LDG DIST with the in-flight failure, do not take credit of the inoperative thrust reversers (Refer to QRH PER-A).

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DURING APPROACH

During the approach briefing, the flight crew must review:

- The status of the thrust reversers, and
- The use of the thrust reversers

FOR LANDING

Before the touchdown, ensure that both engine thrust levers are set to IDLE detent for the flare.

● **After touchdown, if one thrust reverser is inoperative:**

Use both thrust levers when applying reverse thrust.

● **After touchdown, if both thrust reversers are inoperative:**

Do not move the thrust levers to reverse.

<p>A318/A319/A320/A321 MINIMUM EQUIPMENT LIST</p>	<p>MEL OPERATIONAL PROCEDURES 79 - OIL 79-09 - ECAM Alerts</p>
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79-09-01A	<u>ENG 1(2) OIL LO PR</u> Alert
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Ident.: MO-79-09-00008824.0001001 / 11 MAR 10

Applicable to: ALL

AFTER ENGINE START

- If both engines are affected:

RCDR GND CTL pb-sw.....CHECK ON

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 79 - OIL 79-09 - ECAM Alerts
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<p>A318/A319/A320/A321 MINIMUM EQUIPMENT LIST</p>	<p>MEL OPERATIONAL PROCEDURES 79 - OIL 79-20 - Distribution</p>
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79-20-01A	Air Cooled Oil Cooler (ACOC) Modulating Valve
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Ident.: MO-79-20-00008822.0001001 / 11 MAR 10

1 Applicable to: LY-COB, LY-ELK, LY-EMU, LY-OWL

BEFORE TAKEOFF

On the FUEL SD page, check that the fuel temperature in the inner tank is above -20 °C.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 79 - OIL 79-20 - Distribution
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A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 80 - STARTING 80-11 - Pneumatic Starter and Valve System
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80-11-01A	Start Valve
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Ident.: MO-80-11-00008815.0001001 / 03 MAY 17

Applicable to: ALL

BEFORE ENGINE START

Refer to FCOM/PRO-NOR-SUP-ENG Engine Start Valve Manual Operation

IN FLIGHT

If the affected engine shuts down, attempt to restart it only using windmilling relight.

A318/A319/A320/A321 MINIMUM EQUIPMENT LIST	MEL OPERATIONAL PROCEDURES 80 - STARTING 80-11 - Pneumatic Starter and Valve System
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