

Air vehicle maintenance planning information

AW189 with GE CT7-2E1 Engine

2021-06-02

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LIST OF TEMPORARY REVISIONS

Temporary Revision		Chapter/Section or Document identifier	Incorporated	
No.	Date		Rev. No.	Date
TR-001	2015-11-20	89-A-04-00-00-00A-028E-P 89-A-04-30-00-00A-028E-P		
TR-001 Revision A	2016-11-30	89-A-04-30-00-00A-028E-P	15	2018-09-25

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The listed chapters are included in this publication dated 2021-06-02.

Chapter	Title	Issue	Issue date
00	Helicopter general	009	2021-04-26
04	Airworthiness limitations - EASA approved [AW189 with GE CT7-2E1 Engine]	022	2021-03-03
05	Scheduled / unscheduled maintenance	027	2020-12-22

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AW189

Air vehicle maintenance planning information

Chapter 00

Helicopter general

Issue 009: 2021-04-26

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List of effective data modules

The listed documents are included in issue 009, dated 2021-04-26, of this chapter.

Document title	Data module code	No. of pages	Issue date	Applicable to
Maintenance planning information publication - List of abbreviations	89-A-00-00-00-00A-005A-P	14	2016-03-18	All
Maintenance planning information publication - Introduction	89-A-00-00-00-00A-018A-P	10	C 2021-04-26	GBA, GER, KBA

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Highlights

The listed changes are introduced in issue 009, dated 2021-04-26, of this chapter.

Document identifier	Reason for change
89-A-00-00-00-00A-018A-P	Changed - Changed paragraph

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Maintenance planning information publication - List of abbreviations

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References

Table 1 References

Data Module	Title
No References	

Description

1 List of abbreviations

This list gives you the abbreviations that are used in this publication.

A/C	Aircraft
ACCB	Air Conditioning Control Box
ACP	Audio Control Panel
ACPDU	AC Power Distribution Unit
ACS	Air Conditioning System
ACSGS	AC Start-Generation Subsystem
ACXPC	AC External Power Contactor
ACXPS	AC External Power Sensor
ADAHRS	Air Data & Attitude Heading Reference System
ADE	ADA Development Environment
ADELTA	Automatic Deployable Emergency Locator Transmitter
ADF	Automatic Direction Finder
ADI	Attitude Director Indicator
ADM	Air Data Module
ADS	Air Data System

ADU	Air Data Unit
AEO	All Engine Operating
AFCS	Automatic Flight Control System
AFDX	Avionic Full Duplex ethernet
AGB	Accessory Gear Box
AGE	Aircraft Ground Equipment
Ah	Ampere hour
AHRS	Attitude and Heading Reference System
ALS	Airworthiness Limitation Section
ALT	Altitude; Barometric Altitude
ALTN	Alternate
AM	Amplitude Modulation
AMC	Acceptable Means of Compliance
AMLCD	Active Matrix Liquid Crystal Display
AMM	Air Vehicle Maintenance Manual
AMMC	Aircraft & Mission Management Computer
AMMS	Aircraft & Mission Management System
AMP	Ampère
AMU	Audio Management Unit
ANT	Antenna
AOA	Angle of Attack
AP	Autopilot
APP	Approach
APS	Auxiliary Power System
APU	Auxiliary Power Unit
ARINC	Aeronautical Radio INCorporated
ATA	Air Transport Association
ATC	Air Traffic Control
ATP	Acceptance Test Procedure
ATS	Air Turbine Starter
ATT	Attitude
Aux	Auxiliary
AVCS	Active Vibration Control System
AVMMS	Air Vehicle Management and Monitoring System
AW	Agusta Westland
AWG	Aural Warning Generator
BAG	Baggage
BAT	Battery

BFK	Basic Function Key
BIT	Built-In Test
BITE	Built-In Test Equipment
BKUP	Backup
BRG	Bearing
BRU	Beacon Release Unit
°C	Celsius/Centigrade (degree)
C/B	Circuit Breaker
C/V	Check Valve
CAP	Captions
CAS	Crew Alerting System
CAS RST	Crew Alerting System Reset
CB	Circuit Breaker
CBIT	Continuous Built In Test
CBL	Cable
CBP	Circuit Breaker Panel
CCD	Cursor Control Device
CCJ	Cursor Control Joystick
CCP	Cockpit Control Panel
CCRR	Closed Circuit Refuelling Receiver
CDS	Cockpit Display System
CF	Compact Flash
CFRP	Carbon Fibre Reinforced Plastic
CFUR	Critical Failure (ECC)
CG	Center of Gravity
CKPT	Cockpit
CLPR	Caliper
CLTV	Collective
COM	Communication
COND	Conditioning
CONTR PNL	Control Panel
CP	Control Panel
CPI	Crash Position Indicator
CPLT	Copilot
CRES	Corrosion Resistant Steel
CRS	Course
CRZ	Cruise
CS	Certification Subject

CSCI	Computer Software Configuration Item
CSL	Console
CSMM	Crash Survivable Memory Module
CU	Configuration Unit
CVR	Cockpit Voice Recorder
DAFCS	Digital Automatic Flight Control System
DBU	Data Base Update
DC	Display Controller
DCGS	DC Generation Subsystem
DGP	Display Control Panel
DGPDU	DC Power Distribution Unit
DDP	Display Dimming Panel
DH	Decision Height
DI	Detailed Inspection
DIM	Dimming
DMC	Data Module Code
DME	Distance Measuring Equipment
DMG	Digital Map Generator
DN	Down
DOA	Design Organization Approval
DS	Discard
DT	Discard Time
DTD	Data Transfer Device
DTS	Duct Temperature Sensor
DTU	Data Transfer Unit
DU	Display Unit
EASA	European Aviation Safety Agency
ECDU	Electrical Control and Display Unit
ECS	Environmental Control System
ECU	Engine Control Unit
EDCU	Electrical Display Control Unit
EECU	Engine Electronic Control Unit
EFA	Experimental Flight Approval
EFIS	Electronic Flight Instrumentation System
EFS	Emergency Floatation system
EGPWS	Enhanced Ground Proximity Warning System
EGT	Exhaust Gas Temperature
EHSV	Electro Hydraulic Solenoid Valve

EIOM	Electrical Input Output Module
ELT	Emergency Locator Transmitter
EMC	Electromagnetic Compatibility
EMC	Epoxy Moulding Compound
EMER	Emergency
EMI	Electromagnetic interference
EMM	Engine Maintenance Manual
ENAC	Ente Nazionale Aviazione Civile
ENG	Engine
EP	Estimated Position; Electric Pump
EPGDS	Electrical Power Generation And Distribution System
EPU	Estimated Position Uncertainty
EQSW	Equipment Software
ESIS	Electronic Stand-by Instrument System
ESP	Engine Speed Probe
ET	Elapsed Time
ETA	Estimated Time of Arrival
ETE	Estimated Time En-route
EWIS	Electrical Wiring Interconnection System
EXTG	Extinguish; Extinguisher
F/C	Flight Control
FAA	Federal Aviation Administration
FCC	Flight Control Computer
FCHS	Flight Control Hydraulic System
FCS	Flight Control System
FD	Flight Director
FDE	Fault Detection & Exclusion
FDR	Flight Data Recorder
FF	Fuel Flow
FFC	Fixed Flight Control
FFK	Fixed Function Key
FH	Flying Hour; Flight Hours
FK	Function Key
FL	Flight Level
FLTA	Forward Looking Terrain Alerting
FMCW	Frequency Modulated Continuous Wave
FMEA	Failure Mode, Effects and Analysis
FMECA	Failure Mode, Effects and Criticality Analysis

FMP	Fuel Metering Pump
FMS	Flight Management System
FOD	Foreign Object Damage
FPGA	Field Programmable Gate Array
FQGS	Fuel Quantity Gauging System
FRACA	Failure Reporting Analysis and Corrective Action
FSB	Fasten Seat Belt
FSK	Function Select Key
FSOV	Fuel ShutOff Valve
FT	Function Test
ft	Feet
ft/min	Feet per Minute
FWD	Forward
GA	Go-Around
GB	Giga Byte
GBSP	GearBox Speed Probe
GCU	Generation Control Unit
GEN	Generator
GG	Gas Generator
GI	Ground Idle
GND	Ground
GPS	Global Positioning System
GPU	Ground Power Unit
GPWS	Ground Proximity Warning System
GTS	Gas Turbine Starter
GVI	General Visual Inspection
GW	Gross Weight
H/C	Helicopter
H/S	Hydraulic System
H/W	Hardware
HCB	Heating Control Box
HCP	Hydraulic Control Panel
HDG	Heading
HDOP	Horizontal Dilution of Precision
HEELS	Helicopter Emergency Exit Lighting System
HF	High Frequency
HFOM	Horizontal Figure of Merit
HGPU	Hydraulics Ground Power Unit

HID	High Intensity Discharge
HIL	Horizontal Integrity Limit
HIRF	High Intensity Radio Frequency
HMI	Human Machine Interface
HOV	Hover
HP	High Pressure; Horse Power
HPS	Hydraulic Power Supply
HSI	Horizontal Situation Indicator
HSP	Hydraulic Synoptic Page
HT	Height
HTAWS	Helicopter Terrain Awareness and Warning System
HTR	Heater
HUMS	Health and Usage Monitoring System
HYD	Hydraulic
I/O	Input / Output
IAC-AR	Interstate Aviation Committee Aviation Register
IAS	Indicated Air Speed
IBIT	Initiated Built In Test
ICD	Interface Control Document
ICS	Intercommunication System
ID	Inner Diameter
IDM	Installation Data Module
IEL	Indirect Effects of Lightning
IETP	Interactive Electronic Technical Publication
IFR	Instrument Flight Rules
IGB	Intermediate Gearbox
IGN	Ignition
IHBT	Inhibit
ILS	Instrument Landing System
INPH	Interphone
IOM	Input Output Module
IR	Infrared
ISA	International Standard Atmosphere
ISIS	Integrated Stand-by Instrument System
JAA	Joint Aviation Authority
JAR	Joint Aviation Requirements; Joint Airworthiness Regulations
KG/kg	Kilogram
kPa	KiloPascals

KTS	Knots
LAN	Local Area Network
LB/lb	Pounds
LCD	Liquid Crystal Display
LD	Locking Device
LDG	Landing
LDG LTS	Landing Lights
LDG PWR	Landing Power
LDS	Lightning Detection System
LED	Light Emitting Diode
LG	Landing Gear
LGCL	Landing Gear Control Lever
LGCP	Landing Gear Control Panel
LGCV	Landing Gear Control Valve
LGS	Landing Gear System
LH	Left Hand
LIPS	Limited Ice Protection System
LL	Low Level
LLS	Low Level Sensor
LOC	Localizer
LP	Low Pressure
LRM	Line Replaceable Module
LRU	Line Replaceable Unit
LSK	Line Select Key
LT	Light
LU	Lubrication
LVDT	Linear Variable Differential Transformer
M/S	Micro Switch
MAG	Magnetic
MAN	Manual
MAU	Modular Avionics Unit
MB	Marker Beacon
MCD	Magnetic Chip Detector
MCDU	Multifunction Control Display Unit
MCL	Master Caution Light
MDB	Maintenance Data Base
MES	Main Engine Start
MFD	Multi-Function Display

MGB	Main Gear Box
Mhz	Megahertz
MIC	Microphone
MIL-SPEC	Military Specification
MISC	Miscellaneous
MLG	Main Landing Gear
MM	Maintenance Manual
MMEL	Master Minimum Equipment List
MMI	Man-Machine Interface
MOC	Means of Compliance
MPOG	Minimum Pitch on Ground
MR	Main Rotor; Master Reset
MRA	Main Rotor Actuator
MRB	Main Rotor Blade
MRBR	Maintenance Review Board Report
MRD	Main Rotor Drive
MRGB	Main Rotor Gear Box
MRH	Main Rotor Head
MSG	Maintenance Steering Group; Message
MSI	Maintenance Significant Item
MSTR	Master
MSU	Magnetic Sensor Unit
MT	Microturbo
MTBF	Mean Time Between Failures
MTBR	Mean Time Between Removal
MTOW	Maximum Take Off Weight
MTTR	Maintenance Time to Replace
MWL	Master Warning Light
N/A	Not Applicable; Not Available
NAV	Navigation
NCD	No Computed Data
NF	Power turbine speed
Ng or NG	Engine gas generator speed
NHEC	Non Human External Cargo
NLG	Nose Landing Gear
NM	Nautical Mile
No	Number
NO SMK	No Smoking

NORM	Normal
Nr	Number of Revolutions
NR	Rotor Speed
NRV	Non Return Valve
NVG	Night Vision Goggle
NVIS	Night Vision Imaging System
NVM	Non Volatile Memory
OAT	Outer Air Temperature
OD	Outer Diameter
OEI	One Engine Inoperative
OPSW	Operational Software
OSOV	Oil Shut Off Valve
OT	Operation Test
OTS	Overheat Temperature Switch
OVCP	Over Head Control Panel
OVHL	Overhaul
OVHT	Overheat
OVTQ	Overtorque
P/N	Part Number
P/N	Part Number
P1	Air Intake Pressure
P2	Compressor Discharge Pressure
PA	Passenger Address; Pubblic Address; Power Amplifier; Public Announcement
PAX	Passengers
PBIT	Power-Up Built-in Test
PCM	Power Control Module
PERF	Performance
PFD	Primary Flight Display
P_{FH}	Penalty Factor during Flight Hours (from take off to landing)
P_{LAND}	Penalty Factor to Landings
PLT	Pilot
PMA	Permanent Magnet Alternator
PNL	Panel
PNL LT	Panel Lighting
PRAIM	Predicted RAIM
PRDS	Pressure Refuel and Defuel System
PS	Proximity Switch
PSI	Pound per Square Inch

PSM	Power Supply Module
PSU	Passenger Service Unit
PT	Total Pressure
PTFE	Polytetrafluoroethylene
PTT	Push to Talk; Push to Transmit
PWL	Pulse Width Modulation
PWR	Power
QRH	Quick Reference Handbook
R/A	Retraction Actuator
RAD ALT	Radio Altitude; Radio Altimeter
RAIM	Receiver Autonomous Integrity Monitoring
RAM	Random Access Memory; Reliability Availability & Maintainability
RB	Rotor Brake
RBA	Rotor Brake Assembly
RBAA	Rotor Brake Actuator Assembly
RBCB	Rotor Brake Control Block
RBCL	Rotor Brake Control Lever
RBCM	Rotor Brake Control Module
RBCP	Rotor Brake Control Panel
RBD	Rotor Brake Disc
RBPI	Rotor Brake Pressure Indicator
RBRA	Rotor Brake Reservoir Assembly
RBS	Rotor Brake System
RCDR	Record
RCP	Reversion Control Panel
RDR	Radar
REL	Release
REPU	Remote Electrical Power Unit
RF	Radio Frequency
RFM	Rotorcraft Flight Manual
RH	Rotor Hour; Right Hand
RPM	Revolution Per Minute
RSD	Remote Select Device
RTN	Return
RX	Receive
S/A	Shock Absorber
S/N	Serial Number
S/W	Software

SA	Situation Awareness
SAR	Search and Rescue
SARSAT	Search and Rescue Satellite
SAT	Shock Absorber Travel
SBAS	Satellite Based Augmentation System
SCAS	Stability and Control Augmentation System
SD	Secure Digital
SDI	Special Detailed Inspection
SG	Starter Generator
SGCU	Starter Generator Converter Unit
SIU	System Interface Unit
SMC	Scheduled Maintenance Check
SOV	Shut Off Valve
SPD	Speed
SRU	Start Rectifier Unit
SSD	Solid State Device
SSEPMS	Solid State Electrical Power Management System
SSI	Structural Significant Item
STA	Station (line)
STBY	Stand-By
STN	Station
SW	Switch
SYS	System
T1	Air Inlet Temperature
T2	Compressor Discharge Air Temperature
T3	Turbine Inlet Temperature
T4 or T5	Exhaust Gas Temperature
TA	Traffic Advisory
TAWS	Terrain Awareness and Warning System
TB	Tera Byte
TBA	To Be Advised
TBC	To Be Confirmed
TBD	To Be Defined
TBO	Time Between Overhaul
TCAS	Traffic Alert and Collision Avoidance System
TCV	Temperature Control Valve
TEMP	Temporary; Temperature
TEV	Thermostatic Expansion Valve

TGB	Tail Gear Box
TO	Take Off
TOA	Time of Arrival
TP	Test Procedure
TR	Tail Rotor
TRA	Tail Rotor Actuator
TRB	Tail Rotor Blades
TRD	Tail Rotor Drive
TRDL	Tail Rotor Drive Line
TRDS	Tail Rotor Drive System
TRH	Tail Rotor Head
TRSOV	Tail Rotor Shut-Off Valve
TRU	Transformer Rectifier Unit
TX	Transmission
TXV	Thermostatic Expansion Valve
UD	Uni-Directional
UHF	Ultra High Frequency
ULB	Underwater Locator Beacon
UMC	Unscheduled Maintenance Check
UNF	Unified Fine
UNLK	Unlock
USB	Universal Serial Bus
UTC	Universal Time Coordinates
V/UHF	VHF and UHF
VC	Visual Check
VCS	Vapour Cycle System
VCU	VDC Converter Unit
VDAM	Vibration Data Acquisition Module
Vdc	Volts of Direct Current
VDOP	Vertical Dilution of Precision
VEL	Velocity
VENT	Ventilation
VFOM	Vertical Figure of Merit
VHF	Very High Frequency
VIL	Vendor Item List; Vertical Integrity Limit
VMS	Vehicle Monitoring System
VNE	Never Exceed Speed
VOL	Volume

VOR	VHF Omnidirectional Range
W/B	Wheel Brake
W/BHS	Wheel Brake Hydraulic System
W/BMC	Wheel Brake Master Cylinder
W/BPH	Wheel Brake Parking Handle
W/BPV	Wheel Brake Parking Valve
W/BR	Wheel Brake Reservoir
WAS	Water Activated Switch
WCA	Warnings, Cautions and Advisories
WHL	Wheel
WL	Water Line
WLAN	Wireless Local Area Network
WOFFW	Weight-Off-Wheels
WOW	Weight-On-Wheels
WRN	Warning
WT	Weight
WX	Weather
WXR	Weather Radar
XFEED	Crossfeed
XMIT	Transmit
XMSN	Transmission
XPDR	Transponder
Y	Yaw

End of Data Module

Maintenance planning information publication - Introduction

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References

Table 1 References

Data Module	Title
89-A-00-00-00-00A-005A-P	Maintenance planning information publication - List of abbreviations

Description

1 General

This publication gives you all the data necessary to do the maintenance planning of the helicopter.

The maintenance planning information includes the chapters that follow applicable to the helicopter maintenance information:

- Chapter 04 - Airworthiness limitations.
- Chapter 05 - Scheduled/unscheduled maintenance requirements.

The publications that follow give more data about the maintenance of the helicopter:

- Maintenance publication (AMP)
- Fault Isolation publication (AFIP)
- Wiring Data publication (AWDP)
- Engine Maintenance Manual (GENERAL ELECTRIC CT7-2E1)
- Engine Maintenance Manual (SAFRAN Engine Aneto 1K)
- APU Maintenance Manual (ML 1 & 2 e-APU60 Model 342 DT 13-01)

The data necessary for the repair and overhaul of the components removed from the helicopter are given in the Component Repair and Overhaul publication (CR&OP).

The data necessary for the repair of the helicopter structure are given in the Structural Repair publication (ASRP).

All the maintenance data are included in data modules.

Refer to [Para 3 - Data Module Code \(DMC\)](#) for the structure of the Data Module Code (DMC).

Refer to [Para 4 - Data module contents](#) for the contents of the data modules.

2 Helicopter breakdown

The helicopter is divided into the systems written in [Table 2](#).

Table 2 Index of systems

System	Title
00	Helicopter general
04	Airworthiness limitations
05	Scheduled/unscheduled maintenance
06	Dimensions and areas
07	Lifting, shoring, recovering and transporting
08	Leveling and weighing
09	Handling and maneuvering
10	Parking, mooring, storing and return to service
11	Placards and markings
12	Servicing
16	Change of role
18	Vibration and noise analysis and attenuation
20	Standard practices - Airframe systems
21	Environmental control
22	Auto flight
23	Communications
24	Electrical power
25	Equipment/furnishings
26	Fire protection
28	Fuel
29	Hydraulic power
30	Ice and rain protection
31	Indicating/recording systems
32	Landing gear
33	Lights
34	Navigation
45	Central maintenance system (CMS)

Table 2 Index of systems

System	Title
46	Systems integration and display
49	Airborne auxiliary power
50	Cargo and accessory compartment
51	Standard practices - Structures
52	Doors
53	Fuselage
55	Stabilizers
56	Windows and canopies
60	Standard practices - rotors
62	Main rotor
63	Main rotor drive
64	Tail rotor
65	Tail rotor drive
67	Rotors flight control
71	Power plant
73	Engine fuel and control
74	Ignition
75	Air
76	Engine controls
77	Engine indicating
78	Exhaust
79	Oil
80	Starting
91	Helicopter wiring
93	Surveillance

3 Data Module Code (DMC)

The DMC structure is shown in [Table 3](#).

Table 3 DMC structure

DMC	89	A	XX-XX-XX	YXA	XXXA	A
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Table 3 DMC structure

Para.	Para 3.1 - Model identification code	Para 3.2 - System difference code	Para 3.3 - Standard Numbering System (SNS) code	Para 3.4 - Disassembly code and disassembly code variant	Para 3.5 - Information code and information code variant	Para 3.6 - Item location code
eg: 89-A-05-12-00-00A-028E-P						

3.1 Model identification code

The helicopter model identification code is 89.

3.2 System difference code

The system difference code is a letter (letters I and O are not used).

This letter identifies two or more sub-systems that can be installed as alternative items because they do the same function (eg: VHF systems by different suppliers).

3.3 Standard Numbering System (SNS) code

The SNS code includes three pairs of digits which show:

- The system (eg: 29, hydraulic power).
- The sub-system and sub-subsystem (eg: 11, Number 1 main-hydraulic system).

Note

When the sub-subsystem code is zero, the two digits show all of the sub-system.

- The component (eg: 01, Number 1 power-control module).

Refer to [Para 2 - Helicopter breakdown](#) for the list of the system numbers.

3.4 Disassembly code and disassembly code variant

3.4.1 Disassembly code

The disassembly code is a two-digit code.

The disassembly code shows the breakdown of a component, as follows:

- 00 - Data module for all of the helicopter, system, sub-system or component.
- 01 - Data module for the first assembly that you remove from the component.
- 02 - Data module for the second assembly that you remove from the component.

Code 03 and the subsequent codes refer to the third, fourth, etc assembly that you remove from the component.

The disassembly code also identifies the data modules in sequence.

3.4.2 Disassembly code variant

The disassembly code variant is a letter (letter I and O are not used) which identifies alternative items.

These items are different, but the difference is too small to cause a change in the system difference code.

3.5 Information code and information code variant

3.5.1 Information code

The information code is basically a three-digit code (XXX). The allocation of alpha characters specific information code (XXA) is used in this publication set.

The information code identifies the types of information you can find in the data module.

The hierarchy is organized into primary and secondary codes. The primary codes are written in [Table 4](#) and the secondary codes are defined at applicable para of the specification ASD1000D.

Table 4 Primary information code

Code	Definition
000	Function, data for plans and description
100	Operation
200	Servicing
300	Examinations, tests and checks
400	Fault report and isolation procedure
500	Disconnect, remove and disassemble procedure
600	Repairs and locally make procedures and data
700	Assemble, install and connect procedures
800	Storage procedures and data
900	Miscellaneous

3.5.2 Information code variant

The information code variant is a letter (letters I and O are not used).

The information code variant is used for different data modules that are applicable to the same component and type of operation.

3.6 Item location code

The item location code is a letter which shows where you must do the maintenance task.

In this publication, the item location code is the letter P.

4 Data module contents

4.1 General

In this module you find the data related to the descriptive data modules written below the headings that follow:

- References.
- Description.

These headings do not have a number.

Each data module includes a table of contents, a list of tables and a list of figures (if applicable).

4.2 References

Below this heading you find a list of the data modules and technical publications which are included as references in the data module.

“No references” is written if there are no references.

4.3 Description

Below this heading you find lines of text (data module content) and the related tables and figures.

5 List of effective data modules

Each chapter includes a List Of Effective Data Modules (LOEDM). The LOEDM shows the data module codes of all the data modules in the chapter.

The LOEDM gives the information that follows for each data module:

- Document title column. This column shows the title of the data modules included in the chapter.
- Data Module code column. This column shows the Data Module code ([Para 3 - Data Module Code \(DMC\)](#)).
- Page column. This column shows the total number of pages in the data module.
- Issue date column. This column shows the date of the issue of the module. Before the date there is a letter. This letter shows if the module is changed (C), deleted (D), status (S), new (N), reinstated (X), revised (R). No letter identifies the modules unchanged with the last issue.
- “Applicable to” column. This column shows if the data module can give information about service bulletins, modifications and configuration differences. Refer to [Para 8 - List of applicability/effectivity codes](#).

6 Updating of publication

6.1 General

The first issue of the publication is identified “Issue 001”. An update can be prepared as a “new issue”.

The number of the issues is as follows:

- The first completed issue after the first issue is the “Issue 002”.
- The issues that follow are the “Issue 003”, the “issue 004”, etc.

A change to the publication contains replacement Data Modules (DM). The replacement DM of each chapter include:

- A new title page with the issue number and issue date.
- A new highlights page.
- A new list of effective data modules ([Para 5 - List of effective data modules](#)).

The highlights page tells the cause of the change for each DM included in the "Data Module Code" column.

It is possible to revise a DM as an alternative to the change. This occurs when the DM is changed more than 80% of its contents.

When more than 80% of the DM of a chapter are changed/revised, a new issue is prepared.

6.2 Change marks

The change marks show the changed material (text, tables and figures). The changes are marked with highlighted text to identify the modifications introduced.

The change marks are not used:

- To identify editorial changes.
- In the list of effective data modules.
- In the revised data modules.

6.3 Temporary revisions

The temporary revisions are issued when the data modules must be included in the publication immediately. They are printed on blue paper. The numbers of the temporary revisions are in sequence. The first is 001.

The page “**List of Temporary Revisions**” (LOTR) is also sent at the time of the issue of the first “Temporary Revision” (TR).

This page lets you record, for each TR:

- The issue date.
- The insertion date of the data modules (or data module) that make the TR in the applicable chapters (chapter) of the publication.
- The signature of the person who does the insertion.
- The removal date of the data modules (or module) when they are included in a new Change.
- The signature of the person who does the removal.

The **LOTR** page must be kept in the publication, and is the page immediately after the cover page.

Each TR includes:

- A title page.
- A “List of Effective Data Modules” (LOEDM) page.

This list shows the data module codes of all the data modules in the TR.

7 Table of contents of maintenance planning information

The maintenance planning publication includes a Table of Contents (TOC). The TOC is a list of the chapters included in the publication.

For each chapter, the TOC gives the title, the issue number, the issue date, the change number and the change date ([Para 6.1 - General](#)).

You must keep the AMPI TOC page in the publication immediately after the cover page.

8 List of applicability/effectivity codes

Applicability/effectivity codes are included in this publication to show modification and configuration differences.

For the list of the optional systems/installations included in the publication refer to the list of applicability/effectivity codes of the Maintenance Publication.

The meaning of the applicability/effectivity codes used is as follows:

All Helicopters:

- S/N 49007 thru 49999
- S/N 91001 thru 91999
- S/N 89001 thru 89999
- S/N 92001 thru 92999
- S/N 93001 thru 93999

GBA (or Basic) Helicopters:

- S/N 49007 thru 49999
- S/N 91001 thru 91999

GER (or ER) Helicopters:

- S/N 89001 thru 89999
- S/N 92001 thru 92999

KBA Helicopters:

- S/N 93001 thru 93999

9 List of abbreviations

Refer to [89-A-00-00-00-00A-005A-P](#).

10 Proprietary rights notice

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End of Data Module

AW189

Air vehicle maintenance planning information

Chapter 04

Airworthiness limitations - EASA approved [AW189 with GE CT7-2E1 Engine]

Issue 022: 2021-03-03

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List of effective data modules

The listed documents are included in issue 022, dated 2021-03-03, of this publication.

Document title	Data module code	No. of pages	Issue date	Applicable to
Airworthiness limitations section - Introduction	89-A-04-00-00-00A-018E-P	2	2014-01-13	All
Airworthiness limitations section - Authority approval - General	89-A-04-00-00-00A-028E-P	6	C 2021-03-03	GBA, GER
Retirement lives - General	89-A-04-10-00-00A-028E-P	12	2020-12-14	GBA, GER
Mandatory inspections - General	89-A-04-20-00-00A-028E-P	8	2020-12-15	GBA, GER
Certification maintenance requirements - General	89-A-04-30-00-00A-028E-P	10	C 2021-01-29	GBA, GER

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Highlights

The listed changes are introduced in issue 022, dated 2021-03-03, of this chapter.

Document identifier	Reason for change
89-A-04-00-00-00A-028E-P	Changed - Added approval of Twentysecond issue
89-A-04-30-00-00A-028E-P	Changed - Updated CM71-02.

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Airworthiness limitations section - Introduction

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3 Engine airworthiness limitations	2
4 Auxiliary power unit airworthiness limitations	2

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References

Table 1 References

Data Module	Title
89-A-00-60-00-00A-010A-A	Critical parts - General data
89-A-04-10-00-00A-028E-P	Retirement lives - General
89-A-04-20-00-00A-028E-P	Mandatory inspections - General
89-A-04-30-00-00A-028E-P	Certification maintenance requirements - General

Description

1 Airworthiness limitations

This chapter identifies the airworthiness limitations for the AW189 helicopter approved by EASA. The Airworthiness Limitations Section is approved and variations must also be approved.

The airworthiness limitations section cannot be changed without approval.

Note

The airworthiness limitations, specified for any Part Number quoted in this Chapter 04, apply also to all successive Part Numbers having the same first ten digits and different last two digits, unless otherwise specified.

The airworthiness limitations requires also controlling that corrosion does not exceed Level 1 on all metallic critical parts of the AW189 helicopter as listed under Section 00-60 of the AMP (Air vehicle Maintenance Publication) latest issue ([89-A-00-60-00-00A-010A-A](#)).

Corrosion level 1 is defined in the MRB report as follows:

- Corrosion, occurring between successive corrosion inspection tasks that is local and can be reworked or blended out within the allowable limit, or
- Corrosion damage that is local and exceeds the allowable limit, but can be attributed to an event not typical of operator's usage of other aircraft in the same fleet (e.g. mercury spill), or
- Operator experience has demonstrated only light corrosion between each successive corrosion inspection task inspection and the latest corrosion inspection task results in rework or blend out that exceeds the allowable limit.

The Corrosion Prevention and Control Programme (CPCP) defined in the MRB report is an acceptable means of compliance.

2 Airworthiness limitations data modules

The airworthiness limitations include the data modules that follow:

- The retirement lives ([89-A-04-10-00-00A-028E-P](#))
- The mandatory inspections ([89-A-04-20-00-00A-028E-P](#))
- The certification maintenance requirements ([89-A-04-30-00-00A-028E-P](#)).

3 Engine airworthiness limitations

Refer to the latest issue of the engine maintenance manual for the airworthiness limitations applicable to the General Electric CT7-2E1 Turboshift engine.

4 Auxiliary power unit airworthiness limitations

Refer to the latest issue of the auxiliary power unit maintenance manual for the airworthiness limitations applicable to the Microturbo e-APU 60 Model 342.

End of Data Module

Airworthiness limitations section - Authority approval - General

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1 Record of Airworthiness Authority approvals 1

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2 Record of Airworthiness Authority approvals 1

References

Table 1 References

Data Module	Title
No References	

Description

1 Record of Airworthiness Authority approvals

Refer to [Table 2](#).

Note

The reported approval references are relevant to the content of Chapter 04 as a whole. The content that has changed is reported in the List of Effective Data Modules.

Table 2 Record of Airworthiness Authority approvals

Revision number	Subject	EASA approved
First Issue	--	Approved by EASA on 5 February 2014. Refer to Type Certificate Data Sheet (TCDS) No. EASA.R.510 issue 1

Table 2 Record of Airworthiness Authority approvals

Revision number	Subject	EASA approved
Second Issue	See Highlights page	Approval No. 10051750 dated 22 December 2014 Approval No. 10051751 dated 22 December 2014 Approval No. 10051753 dated 22 December 2014 Approval No. 10051756 dated 22 December 2014 Approval No. 10051759 dated 22 December 2014 Approval No. 10051761 dated 22 December 2014
Third Issue	See Highlights page	Approval No. 10052685 dated 20 March 2015 Approval No. 10052686 dated 20 March 2015 Approval No. 10052690 dated 20 March 2015
Fourth Issue	See Highlights page	Approval No. 10054198 dated 24 July 2015 Approval No. 10054199 dated 24 July 2015 Approval No. 10054200 dated 24 July 2015 Approval No. 10054201 dated 24 July 2015 Approval No. 10054202 dated 24 July 2015
Fifth Issue	See Highlights page	Approval No. 10054861 dated 24 September 2015 Approval No. 10054865 dated 24 September 2015
Sixth Issue	See Highlights page	Approval No. 10055558 dated 19 November 2015
Sixth Issue, TR001	See TR001 ROTR page	Approval No. 10055609 dated 20 November 2015

Table 2 Record of Airworthiness Authority approvals

Revision number	Subject	EASA approved
Seventh Issue	See Highlights page	Approval No. 10056575 dated 2 February 2016 Approval No. 10056576 dated 2 February 2016 Approval No. 10056577 dated 2 February 2016 Approval No. 10056579 dated 2 February 2016 Approval No. 10056580 dated 2 February 2016 Approval No. 10056581 dated 2 February 2016
Eighth Issue	See Highlights page	Approval No. 10058285 dated 31 May 2016
Ninth Issue	See Highlights page	Approval No. 10058564 Rev. 1 dated 29 June 2016
Tenth Issue	See Highlights page	Approval No. 10060354 dated 6 December 2016 Approval No. 10060368 Rev. 1 dated 12 December 2016 Approval No. 10060370 dated 7 December 2016 Approval No. 10060372 dated 6 December 2016 Approval No. 10060373 dated 6 December 2016 Approval No. 10060374 dated 6 December 2016 Approval No. 10060375 dated 6 December 2016
Eleventh Issue	See Highlights page	Approval No. 10061402 dated 23 March 2017 Approval No. 10061407 dated 23 March 2017 Approval No. 10061408 dated 23 March 2017

Table 2 Record of Airworthiness Authority approvals

Revision number	Subject	EASA approved
Twelfth Issue	See Highlights page	Approval No. 10062397 dated 23 June 2017 Approval No. 10062379 dated 23 June 2017 Approval No. 10062380 dated 23 June 2017 Approval No. 10062398 dated 23 June 2017 Approval No. 10062384 dated 23 June 2017 Approval No. 10062369 dated 27 June 2017 Approval No. 10062370 dated 23 June 2017
Thirteenth Issue	See Highlights page	Approval No. 10064862 dated 6 March 2018 Approval No. 10064863 dated 6 March 2018 Approval No. 10064864 dated 6 March 2018 Approval No. 10064865 dated 6 March 2018 Approval No. 10064866 dated 6 March 2018
Fourteenth Issue	See Highlights page	Approval No. 10065925 dated 21 June 2018
Fifteenth Issue	See Highlights page	Approval No. 10066976 dated 25 September 2018 Approval No. 10066975 dated 25 September 2018
Sixteenth Issue	See Highlights page	Approval No. 10068992 dated 28 February 2019
Seventeenth Issue	See Highlights page	Approval No. 10070060 dated 31 May 2019 Approval No. 10070061 dated 31 May 2019 Approval No. 10070078 dated 31 May 2019
Eighteenth Issue	See Highlights page	Approval No. 10070643 dated 31 July 2019

Table 2 Record of Airworthiness Authority approvals

Revision number	Subject	EASA approved
Nineteenth Issue	See Highlights page	Approved with NDC-189G0255-057 dated 09 June 2020 under the authority of DOA ref EASA.21J.005
Twentieth Issue	See Highlights page	Approval No. 10074424 dated 29 September 2020
Twentyfirst Issue	See Highlights page	Approval No. 10075281 dated 21 December 2020 Approval No. 10075310 dated 23 December 2020
Twentysecond Issue	See Highlights page	Approval No. 10075765 dated 03 March 2021

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End of Data Module

Retirement lives - General

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References

Table 1 References

Data Module	Title
No References	

Description

1 Introduction

The parts listed in the [Table 2](#) must be mandatorily retired from service when the indicated retirement life is reached. This also applies to all those non-serialized standard parts which connect the identified assembly / component.

The Airworthiness Limitations, specified for any part number quoted in the [Table 2](#) apply also to all successive part numbers having the same first ten digits and different last two digits, unless otherwise specified.

All retirement lives are expressed in Flying Hours (FH), unless otherwise specified. Flying hours are defined as those hours accumulated from take-off to landing.

The retirement lives of some parts are expressed in "landings" because their life is dependent upon the rotor start-stop cycles and the helicopter ground-air-ground cycles.

If not differently specified, the retirement lives are based on the following assumptions:

- 600 landings in 100 flying hours, including 400 rotor start-stop cycles.
- For external hoist operations: 350 lifts in 100 flying hours.
- For external load operations: 400 external load cycles in 100 flying hours.

In the event that the actual usage exceeds these assumptions, the Operator shall contact the Manufacturer.

If parts with the same part number have been interchanged between different AW189 helicopters with and without kit P/N 8G0000F00511 installed, the retirement life of the part must be restricted to the lowest value between the previously mentioned helicopters on which the part has been installed.

If parts with the same part number have been interchanged between different AW189 helicopters and different AW helicopter models, the retirement life of the part must be restricted to the lowest value between the previously mentioned helicopters on which the part has been installed.

Example: if a part installed on an AW189 helicopter with Safran Aneto-1K engines has a retirement life of 10000 FH (as per the Chapter 04 applicable to the specific helicopter serial number) and it is moved to an AW189 helicopter with GE CT7-2E1 engines whose Chapter 04 prescribes a retirement life of 20000 FH, then the retirement life of the part remains 10000 FH.

2 Affected parts

Refer to [Table 2](#) .

Table 2 Retirements lives - List of affected parts

Ref	Part	Part number	Retirement life
RL001	Main landing gear leg assembly LH	8G3210V00331	160000 landings
RL002	Main landing gear leg assembly RH	8G3210V00431	160000 landings
RL003	Main landing gear retraction actuator assembly	8G3210V00831	160000 landings

Table 2 Retirements lives - List of affected parts

Ref	Part	Part number	Retirement life
RL004	Nose landing gear shock strut assembly (Note 4)	8G3220V00131	8000 landings
RL004A	Nose landing gear shock strut assembly	8G3220V00132	80000 landings
RL005	Nose landing gear retraction actuator assembly	8G3220V00331	160000 landings
RL006	Main cabin assembly (without retromodification P/N 8G5330P01811 installed)	8G5330A00131	15200 FH or 24300 landings whichever comes first (Note 1)
RL006A	Main cabin assembly	8G5330A37331	12200 FH or 17800 landings whichever comes first
RL006B	Main cabin assembly (with retromodification P/N 8G5330P01811 installed)	8G5330A00131	6400 FH or 10300 landings whichever comes first
RL007	X8700 joint - Bolt	8G5310A03651	102900 landings
RL008	Tail assembly	8G5350A00131	57300 landings
RL009	Deleted		
RL010	Rod End (Fin End)	4F5510A00631	5000
RL011	Rod Sleeve	4F5510A00851	5000
RL012	Rod End (Tailplane End)	4F5510A00752	5000
RL013	Deleted		
RL014	Tailplane mounting rod	8G5510A06031	5000
RL015	Main rotor blade assembly	4F6210A00132	24000 landings
RL015A	Main rotor blade assembly	8G6210A00131	24000 landings
RL015B	Main rotor blade assembly	8G6210A01931	120000 landings
RL015C	Main rotor blade assembly	8G6210A00132	120000 landings
RL016	Main rotor blade bolt	4F6220A00251	99900 landings
RL017	Main rotor hub assembly	4F6220A00331	26000 FH or 42950 landings whichever comes first
RL018	Deleted		
RL019	Main rotor pitch control lever assembly	4F6220A00732	19570 FH or 99900 landings whichever comes first
RL020	Bush floating wedge, pitch control lever (outer)	4F6220A02652	5315
RL021	Bush floating wedge, pitch control lever (inner)	8G6220A02651	5315
RL022	Main rotor elastomeric bearing	4F6220V00153	91900 landings

Table 2 Retirements lives - List of affected parts

Ref	Part	Part number	Retirement life
RL023	Rotating swashplate assembly (without kit P/N 8G0000F00511 installed)	4F6230A00333	20000
RL023A	Rotating swashplate assembly (with kit P/N 8G0000F00511 installed)	4F6230A00333	18980
RL024	Deleted		
RL025	Deleted		
RL026	Deleted		
RL027	Deleted		
RL028	Case, top assembly	8G6323A00331	12000 FH or 46900 landings whichever comes first
RL029	Main rotor shaft	8G6323A00451	11170
RL029A	Main rotor shaft	8G6323A00751	40000
RL030	Case, main assembly	8G6322A00132	10400
RL030A	Case, main assembly	8G6322A01031	10400
RL031	MGB upper fitting	4F6330A00631	1000
RL031A	MGB upper fitting	8G6330A00831	10400 FH or 34100 landings whichever comes first
RL032	Antitorque beam assembly	4F6330A00531	17900
RL033	Deleted		
RL034	Deleted		
RL035	Aft rod assembly	8G6330A00731	13120
RL036	Main gearbox bolt fixing rod	4F6330L00751	26800
RL037	Deleted		
RL038	Deleted		
RL039	Tail rotor blade assembly	8G6410A00133	11700 FH or 6000 landings whichever comes first
RL039A	Tail rotor blade assembly	8G6410A00134	11700 FH or 6000 landings whichever comes first
RL040	Deleted		
RL041	Floating bush (lower)	8G6430A00151	11700
RL042	Tail rotor blade damper attachment assembly	4F6410A05931	8000
RL043	Floating bush damper (blade)	4F6420A02851	8000
RL044	Tail rotor bolt	4F6420A00251	13700

Table 2 Retirements lives - List of affected parts

Ref	Part	Part number	Retirement life
RL045	Tail rotor hub assembly (without kit P/N 8G0000F00511 installed)	4F6420A00331	5053
RL045A	Tail rotor hub assembly (with kit P/N 8G0000F00511 installed)	4F6420A00331	3000
RL046	Tail rotor hub damper bracket	8G6420A00831	120000 landings
RL047	Deleted		
RL048	Floating bush damper (hub)	4F6420A02751	11700
RL049	Tail rotor elastomeric spherical bearing (Lord)	4F6420V00451	18830 landings
RL050	Tail rotor fluid-elastic damper (Lord)	4F6420V00254	12600 FH or 50800 landings whichever comes first
RL051	Slider assembly	4F6430A00132	13980
RL052	Spider assembly	4F6430A00231	21200
RL053	Bearing flange (without kit P/N 8G0000F00511 installed)	4F6430A01552	3836
RL053A	Bearing flange (with kit P/N 8G0000F00511 installed)	4F6430A01552	3760
RL054	Tail rotor upper half scissor assembly	4F6430A00331	14384
RL055	Tail rotor scissors sleeve	8G6430A00651	10736
RL056	Deleted		
RL057	Adapter, inner TDS	4F6510A03551	32376
RL058	Tail rotor shaft (without kit P/N 8G0000F00511 installed)	4F6522A00651	14590
RL058A	Tail rotor shaft (with kit P/N 8G0000F00511 installed)	4F6522A00651	13000
RL059	Tail gearbox output housing (without kit P/N 8G0000F00511 installed)	4F6522A00431	1345
RL059B	Tail gearbox output housing (with kit P/N 8G0000F00511 installed)	4F6522A00431	1090

Table 2 Retirements lives - List of affected parts

Ref	Part	Part number	Retirement life
RL059A	Tail gearbox output housing (without kit P/N 8G0000F00511 installed)	8G6522A00331	16575
RL059C	Tail gearbox output housing (with kit P/N 8G0000F00511 installed)	8G6522A00331	15540
RL060	Tail gearbox centre housing	4F6522A00232	15000
RL061	Intermediate gearbox centre assembly	4F6521A00232	21894
RL062	Tail rotor actuator (Note 4)	6F6730V00331	5550
RL063	Tail rotor driveline flexible coupling	4F6510V00151	26700
RL064	Main landing gear fitting	4F5335A38153	31000 landings
RL065	Rescue hoist cable	42325-298	4 years or 1500 hoist lifts whichever comes first
RL066	Rescue hoist fuselage mounting plate assembly	8G2591A01731	68000 hoist lifts
RL067	Dual hoist structural assembly	8G2591A10431	34000 hoist lifts
RL068	End cap shaft bolts	4F6510A04751	22700
RL069	Stationary swashplate assembly	MK6230A00131	13500
RL070	Planet gear	4F6320L00352	38700
RL071	Nose landing gear retraction actuator finger collet (Note 2)	323AW02090-101	80000 landings
RL072	Tail gearbox fitting	4F5350A04152	14600 FH or 57300 landings whichever comes first
RL073	Main rotor damper body end assembly (Note 3)	M006-01H046-041	1200
RL073A	Main rotor damper body end assembly (Note 6)	M006-01H046-045	1200
RL074	Upper rod end	4F6230V00752	8254
RL075	Lower rod end and tube assembly	4F6230A01034	8254

Table 2 Retirements lives - List of affected parts

Ref	Part	Part number	Retirement life
RL076	Tail rotor actuator control rod (Note 5)	165606-1	5550
Note			
1 If either STA5700 MGB main support reinforcement P/N 8G5333P05512 or upper joint P/N 8G5333P05711 retromodifications are not applied the applicable life limit is restricted permanently to 4000 FH or 6700 landings whichever comes first.			
2 Vendor part installed inside the NLG retraction actuator assembly P/N 8G3220V00331. For its replacement the retraction actuator assembly P/N 8G3220V00331 shall be sent to Liebherr-Aerospace Lindenberg GmbH (LLI).			
3 The component is part of the MR Damper Assy P/N 8G6220V00151.			
4 Not applicable to components with part number different from the one indicated.			
5 Vendor part installed inside the Tail rotor actuator P/N 6F6730V00332. For its replacement the Tail rotor actuator P/N 6F6730V00332 shall be sent to UTC Aerospace Systems.			
6 The component is part of the MR Damper Assy P/N 8G6220V00251			

2.1 Operation above 8300 kg (MTOW)

The penalty factors P_{FH} and P_{LAND} must be mandatorily applied to every flight (from take off to landing) in case the total take off weight exceeds 8300 kg.

For each flight in such conditions, the factors P_{FH} and P_{LAND} must be added to flight hours and landings computation:

- The penalty to be added to flight hours flown during the flight (from take off to landing) is P_{FH}
- The penalty to be added to landings is P_{LAND} .

Table 3 Operation above 8300 kg - Life penalty factor

Ref	Part	Part number	P_{FH}	P_{LAND}
RL008	Deleted			
RL028	Case, top assembly	8G6323A00331	1 FH	1 Landing
RL029	Deleted			
RL029A	Deleted			
RL035	Aft rod assembly	8G6330A00731	0.5 FH	N/A
RL057	Adapter, inner TDS	4F6510A03551	2 FH	N/A
RL058	Tail rotor shaft	4F6522A00651	0.5 FH	N/A
	(without kit P/N 8G0000F00511 installed)			
RL058A	Tail rotor shaft	4F6522A00651	0.5 FH	N/A
	(with kit P/N 8G0000F00511 installed)			

Table 3 Operation above 8300 kg - Life penalty factor

Ref	Part	Part number	P _{FH}	P _{LAND}
RL061	Intermediate gearbox centre assembly	4F6521A00232	1.5 FH	N/A

Note:

E.g.: **Case, top assembly** : Total daily flight hours = 10 FH. Total daily landings = 6

Daily take-off above 8300 Kg = 2

Total Accumulated FH = 10 + (Daily take-off above 8300 kg x P_{FH}) = 10 + (2 x 1) = 12 FH

Total Accumulated landings = 6 + (Daily take-off above 8300 kg x P_{LAND}) = 6 + (2 x 1) = 8 Landings.

3 External hoist operation

For the parts listed in [Table 4](#) a life penalty must be mandatorily applied whenever an external hoist lift is performed.

The external hoist lift is defined as an unreeling and recovery of the cable with a load attached to the hook, independent of the length of the cable that is deployed/recovered. An unreeling/recovery of the cable with no load on the hook is not considered to be a lift. Any operation where a load is applied for half the operation (i.e. unreeling or recovery) must be considered as one lift.

Increase the flying hour by the specified value for each external hoist lift. The penalty is applicable only to flying hours.

Table 4 External hoist lift - Life penalty factor

Ref	Part	Part number	P _{FH HOIST}
RL006	Main cabin assembly (without retromodification P/N 8G5330P01811 installed)	8G5330A00131	1.0 (Note 1)
RL006A	Deleted		
RL008	Deleted		
RL029	Main rotor shaft	8G6323A00451	0.5
RL029A	Main rotor shaft	8G6323A00751	1.0
RL032	Antitorque beam assembly	4F6330A00531	0.5
RL035	Deleted		
RL039	Deleted		
RL039A	Deleted		
RL050	Deleted		
RL051	Slider assembly	4F6430A00132	0.5
RL057	Adapter, inner TDS	4F6510A03551	1.0

Table 4 External hoist lift - Life penalty factor

Ref	Part	Part number	P_{FH HOIST}
RL058	Tail rotor shaft (without kit P/N 8G0000F00511 installed)	4F6522A00651	2.0
RL058A	Tail rotor shaft (with kit P/N 8G0000F00511 installed)	4F6522A00651	2.0
RL059	Tail gearbox output housing (without kit P/N 8G0000F00511 installed)	4F6522A00431	0.5
RL059B	Tail gearbox output housing (with kit P/N 8G0000F00511 installed)	4F6522A00431	0.5
RL059A	Tail gearbox output housing (without kit P/N 8G0000F00511 installed)	8G6522A00331	0.5
RL059C	Tail gearbox output housing (with kit P/N 8G0000F00511 installed)	8G6522A00331	0.5
RL060	Tail gearbox centre housing	4F6522A00232	0.5
RL061	Intermediate gearbox centre assembly	4F6521A00232	1.0

Note

E.g.: **Main Rotor Shaft P/N 8G6323A00751**: Total daily flight hours = 4 FH. Total daily rescue hoist lifts = 3.

Daily take-off above 8300 kg = 0

Total accumulated FH = 4 + (P_{FH HOIST} x hoist lifts) = 4 + (1 x 3) = 7 FH

E.g.: **Tail Rotor Shaft**: Total daily flight hours = 3 FH. Total daily rescue hoist lifts = 4.

Daily take-off above 8300 kg = 1

Total accumulated FH = 3 + (P_{FH HOIST} x hoist lifts) + (Daily take-off above 8300 kg x P_{FH}) = 3 + (2 x 4) + (1 x 0.5) = 11.5 FH.

- 1 If both STA5700 MGB main support reinforcement P/N 8G5333P05512 and upper joint P/N 8G5333P05711 retromodifications are applied the penalty per hoist lift is not applicable.

4 Optional equipment life penalty factors

4.1 Active Vibration Control System (AVCS) kit

For the parts listed in [Table 5](#), a life penalty must be mandatorily applied whenever the AVCS kit reported into "Optional equipment" column, is installed on the helicopter.

Increase the flying hours by the specified value reported in [Table 5](#):

- The penalty to be multiplied to flight hours flown during the flight (from take off to landing) is P_{FH} .

Prerequisites for AVCS kit P/N 8G1830F00111, 8G1830F00211 and 8G1830F00311: MGB upper fitting P/N 8G6330A00831, cruciform fitting STA 5700 retro-modification P/N 8G5333P05012 or 8G5333P05512 installed on the helicopter.

Table 5 AVCS kit - Life penalty factor

Ref	Part	Part number	P_{FH}	Optional equipment
RL006	Main cabin assembly (without retromodification P/N 8G5330P01811 in- stalled)	8G5330A00131	1.5	8G1830F00111 8G1830F00211
RL030	Deleted			
RL030A	Deleted			
RL035	Deleted			

Note:

E.g.: **Main cabin assembly** Total daily flight hours = 5.

Total accumulated FH = total daily flight hours x P_{FH} = $5 \times 1.5 = 7.5$ FH.

4.2 Deleted

5 External load operation

For the following parts in [Table 6](#) a life penalty must be mandatorily applied whenever an external load cycle is performed.

An external load cycle is every external load lift using the cargo hook.

Increase the flying hours by the specified value for each external load cycle.

Table 6 External load operation - Life penalty factor

Ref	Part	Part number	P_{FH}
RL050	Deleted		
RL051	Slider assembly	4F6430A00132	1.5 FH
RL057	Adapter, inner TDS	4F6510A03551	1 FH

Table 6 External load operation - Life penalty factor

Ref	Part	Part number	P _{FH}
RL058	Tail rotor shaft (without kit P/N 8G0000F00511 installed)	4F6522A00651	1 FH
RL058A	Tail rotor shaft (with kit P/N 8G0000F00511 installed)	4F6522A00651	1 FH
RL059A	Tail gearbox output housing (without kit P/N 8G0000F00511 installed)	8G6522A00331	0.5 FH
RL059C	Tail gearbox output housing (with kit P/N 8G0000F00511 installed)	8G6522A00331	0.5 FH
RL061	Intermediate gearbox centre assembly	4F6521A00232	0.5 FH

E.g.: **Slider assembly**: Total daily flight hours = 4 FH. Total daily rescue hoist lifts = 3. Total daily external load cycles = 2.

Total accumulated FH = Total daily flight hours + Total daily rescue hoist lifts x P_{FH} (hoist lifts) + Total daily external load cycles x P_{FH} (external load cycles) = 4 + (3 x 0.5) + (2 x 1.5) = 8.5 FH.

E.g.: **T/R Shaft**: Total daily flight hours = 3 FH. Daily take-off above 8300 kg = 1. Total daily rescue hoist lifts = 3. Total daily external load cycles = 2.

Total accumulated FH = Total daily flight hours + Daily take-off above 8300 kg x P_{FH} (take-off above 8300 kg) + Total daily rescue hoist lifts x P_{FH} (hoist lifts) + Total daily external load cycles x P_{FH} (external load cycles) = 3 + (1 x 0.5) + (3 x 2) + (2 x 1) = 11.5 FH.

6 Guidelines

Daily recording of the following parameters is recommended:

- Flight hours
- Landings (coincides with the number of flights)
- Number of take offs related to operations with take off weight above 8300 kg.
- External hoist lifts [Para 3 - External hoist operation](#).
- External load operations [Para 5 - External load operation](#).

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End of Data Module

Mandatory inspections - General

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References

Table 1 References

Data Module	Title
89-A-25-91-00-01A-31AA-A	Single rescue hoist system kit - Structural assembly - Detailed inspection
89-A-25-91-01-06A-310B-A	Hoist cable - General visual inspection
89-A-25-91-01-07A-310A-A	Hook assembly - General visual inspection
89-A-25-93-00-02A-310A-A	Double rescue hoist system kit - Hoist cables - General visual inspection
89-A-25-93-00-03A-310A-A	Double rescue hoist system kit - Hook assemblies - General visual inspection
89-A-25-93-00-05A-31AA-A	Double rescue hoist system kit - Structural assembly - Detailed inspection
89-A-53-10-00-00F-31AA-A	Forward section - Main gearbox rod attachment structure and fittings - Detailed inspection

Table 1 References

Data Module	Title
89-A-53-10-00-00G-31AA-A	Forward section - Anti-torque beam attachment structure and fittings - Detailed inspection
89-A-53-10-00-00H-31AA-A	Forward section - Left/right frame at STA 3800 - Detailed inspection
89-A-53-10-00-00J-31AA-A	Forward section - Left/right frame at STA 5700 - Detailed inspection
89-A-53-10-00-00L-31AA-A	Forward section - Main landing gear attachments - Detailed inspection
89-A-53-10-00-00M-31AA-A	Forward section - Nose landing gear attachments - Detailed inspection
89-A-53-10-00-00N-31AA-A	Forward section - Single rescue hoist backup structure - Detailed inspection
89-A-53-10-00-00Z-31AA-A	Forward section - Double rescue hoist backup structure - Detailed inspection
89-A-53-10-00-01A-31AA-A	Forward section - Joint and fittings at STA 8700 - Detailed inspection
89-A-53-40-00-00E-31AA-A	Tail section - Tail unit joint at STA 8700 - Detailed inspection
89-A-53-40-00-00F-31AA-A	Tail section - Intermediate gearbox attachment structure - Detailed inspection
89-A-53-40-00-00G-31AA-A	Tail section - Tail gearbox attachment structure - Detailed inspection
89-A-62-11-01-00A-310A-A	Main rotor blade - General visual inspection
89-A-62-22-00-03A-31AA-A	Main rotor head - Elastomeric bearings - Detailed inspection
89-A-62-22-00-04A-31AA-A	Main rotor head - Main rotor hub - Detailed inspection
89-A-62-31-01-00B-31AA-A	Pitch link - Rod ends - Detailed inspection
89-A-62-31-02-00A-31AA-A	Rotating scissors - Detailed inspection
89-A-62-31-06-00A-31AA-A	Swashplate - Fixed swashplate - Detailed inspection
89-A-62-31-06-00B-31AA-A	Swashplate - Rotating swashplate - Detailed inspection
89-A-63-32-05-00A-31AA-A	Anti-torque beam - Detailed inspection
89-A-64-11-00-00A-31AA-A	Tail rotor blade installation - Elastomeric bearings - Detailed inspection
89-A-64-21-02-00B-31AA-A	Lag damper - Detailed inspection
89-A-64-31-01-00B-31AA-A	Pitch link - Detailed inspection
89-A-65-11-00-00B-310A-A	Tail rotor drive shaft installation - Components attaching parts - General visual inspection

Table 1 References

Data Module	Title
89-B-25-91-00-01A-31AA-A	Foldable single rescue hoist system kit - Hoist support, adapter plate and connection bolts - Detailed inspection
89-C-25-91-00-01A-31AA-A	Single rescue hoist system kit - Structural assembly - Detailed inspection
89-C-25-91-01-06A-310B-A	Hoist cable - General visual inspection
89-C-25-91-01-07A-310A-A	Hook assembly - General visual inspection

Description

1 Introduction

The parts listed in the following schedule must be mandatorily inspected when the indicated interval is reached.

2 Affected parts

Refer to [Table 2](#).

3 Column terms definitions

3.1 Reference (Ref)

This column gives the unique reference [MI (Mandatory Inspections) plus the system number followed by a progressive number] which identifies the part.

3.2 Part

This column gives the part.

3.3 Task

This column gives the description of the inspection to perform.

3.4 Interval

This column gives the inspection interval for the part. Unless otherwise specified, the inspection interval is in Flying Hours (FH). Flying hours are defined as those hours accumulated from take-off to landing.

Inspection intervals are mandatory and cannot be increased. Inspection intervals can be anticipated provided that the next inspections intervals do not exceed the values mandated in this chapter.

Example:

- Task interval: 200 FH. If task is performed at 185 FH, next task must be performed within 200 FH from the previous compliance.

3.5 Reference (DMC)

This column shows the Data Module Code which gives the instructions to do the inspection.

Table 2 Mandatory inspections - List of affected parts

Ref.	Part	Task	Interval	Reference (DMC)
MI25-01	Rescue hoist cable	General visual inspection of the maximum length of cable used during the day operation for damage and condition	After the last flight of the day or before the first flight of the day if the rescue hoist is used or it is envisaged to be used	89- A-25-91-01-06A-310B-A 89- C-25-91-01-06A-310B-A 89- A-25-93-00-02A-310A-A
MI25-02	Rescue hoist D-Lock hook	General visual inspection for damage	Daily	89- A-25-91-01-07A-310A-A 89- C-25-91-01-07A-310A-A 89- A-25-93-00-03A-310A-A
MI25-03	Rescue hoist Slide-Lock hook	General visual inspection for damage	Daily	89- A-25-91-01-07A-310A-A 89- C-25-91-01-07A-310A-A 89- A-25-93-00-03A-310A-A
MI25-04	Single rescue hoist structural assembly metallic and composite parts and fuselage mounting plate and connections bolts	Detailed inspection of the metallic parts for cracks and general visual inspection of the composite parts for damage	50 hoist lifts	89- A-25-91-00-01A-31AA-A 89- C-25-91-00-01A-31AA-A
MI25-05	Double rescue hoist structural assembly metallic and fuselage mounting plate and connections bolts	Detailed inspection of the metallic parts for cracks	300 FH or 1000 hoist lifts whichever comes first	89- A-25-93-00-05A-31AA-A
MI25-06	Single foldable rescue hoist support and adapter and connection bolts	Detailed inspection for cracks	300 FH or 1000 hoist lifts whichever comes first	89- B-25-91-00-01A-31AA-A
MI53-01	Aft MGB rod backup structure (cruciform fitting) and connection with longeron BL550 area and titanium fitting	Detailed inspection for cracks	300	89- A-53-10-00-00F-31AA-A
MI53-02	Fwd MGB rod backup structure (cruciform fitting) and titanium fitting	Detailed inspection for cracks	800	89- A-53-10-00-00F-31AA-A
MI53-03	Antitorque beam backup structure	Detailed inspection for cracks	800	89- A-53-10-00-00G-31AA-A

Table 2 Mandatory inspections - List of affected parts

Ref.	Part	Task	Interval	Reference (DMC)
MI53-04	Frame STA 3800, RH/LH side	Detailed inspection for cracks	800	89- A-53-10-00-00H-31AA-A
MI53-05	Frame STA 5700, RH/LH side	Detailed inspection for cracks	800	89- A-53-10-00-00J-31AA-A
MI53-06	Deleted			
MI53-07	Main landing gear attachment structure (main arm lugs and STA 5700 MLG fitting)	Detailed inspection for cracks	500	89- A-53-10-00-00L-31AA-A
MI53-08	Nose landing gear attachment structure and actuator fitting area on fuselage	Detailed inspection for cracks	500	89- A-53-10-00-00M-31AA-A
MI53-09	STA 8700 rear fuselage joint details, fittings and fasteners	Detailed inspection for cracks	800	89- A-53-10-00-01A-31AA-A
MI53-10	Deleted			
MI53-11	Deleted			
MI53-12	Deleted			
MI53-13	Deleted			
MI53-14	STA 8700 tail unit joint details, fittings and fasteners	Detailed inspection for cracks	800	89- A-53-40-00-00E-31AA-A
MI53-15	Deleted			
MI53-16	Deleted			
MI53-17	Tail gearbox attachment region	Detailed inspection for cracks (both internal and external sides)	150	89- A-53-40-00-00G-31AA-A
MI53-18	Intermediate gearbox attachment region and rib	Detailed inspection for cracks (both internal and external sides)	500	89- A-53-40-00-00F-31AA-A
MI53-19	Deleted			
MI53-20	Deleted			
MI53-21	Deleted			
MI53-22	Fuselage structure assembly external hoist backup structure	Detailed inspection for cracks	300 FH or 1000 hoist lifts whichever comes first	89- A-53-10-00-00N-31AA-A 89- A-53-10-00-00Z-31AA-A
MI55-01	Deleted			
MI62-01	Main Rotor blade assembly	General visual inspection for damage	50	89- A-62-11-01-00A-310A-A
MI62-02	Main Rotor hub assembly	Detailed inspection (without removal of blades)	200	89- A-62-22-00-04A-31AA-A

Table 2 Mandatory inspections - List of affected parts

Ref.	Part	Task	Interval	Reference (DMC)
MI62-03	Main Rotor elastomeric bearing and droop stop support	Detailed inspection for cracks in the elastomer	180	89- A-62-22-00-03A-31AA-A
MI62-04	MR Stationary Swashplate Ring upper, inner and attachment bolts	Inspection for integrity and loss of torque of the bolts and ring retaining the duplex bearing	300	89- A-62-31-06-00A-31AA-A
MI62-05	MR Rotating Swashplate Locking Ring outer and attachment bolts	Inspection for integrity and loss of torque of the bolts and ring retaining the duplex bearing	839	89- A-62-31-06-00B-31AA-A
MI62-06	MR Pitch Link assembly	Detailed inspection for cracks in the elastomer (rod ends)	75	89- A-62-31-01-00B-31AA-A
MI62-07	MR Scissor assembly and attachment flange	Detailed inspection for cracks	213	89- A-62-31-02-00A-31AA-A
MI63-01	MGB antitorque beam	Detailed inspection for cracks	500	89- A-63-32-05-00A-31AA-A
MI64-01	TR Elastomeric Spherical Bearing (Lord)	Detailed inspection for cracks in the elastomer	300	89- A-64-11-00-00A-31AA-A
MI64-02	TR Fluid-Elastic Damper (Lord)	Detailed inspection for cracks in the elastomer (damper body and rod ends)	150	89- A-64-21-02-00B-31AA-A
MI64-03	TR Pitch Link assembly	Detailed inspection for cracks in the elastomer (rod ends)	62	89- A-64-31-01-00B-31AA-A
MI65-01	N. 1 Tail Rotor Drive Shaft assembly connection bolts	Visual check for looseness	50	89- A-65-11-00-00B-310A-A
MI65-02	N. 2 Tail Rotor Drive Shaft assembly connection bolts	Visual check for looseness	50	89- A-65-11-00-00B-310A-A
MI65-03	N. 3 and 4 Tail Rotor Drive Shaft Slant assembly connection bolts	Visual check for looseness	50	89- A-65-11-00-00B-310A-A
MI65-04	Intermediate Gear Box Input Flange Coupling connection bolts	Visual check for looseness	50	89- A-65-11-00-00B-310A-A
MI65-05	Intermediate Gear Box Output Flange Coupling connection bolts	Visual check for looseness	50	89- A-65-11-00-00B-310A-A
MI65-06	Tail Gear Box Input Flange Coupling connection bolts	Visual check for looseness	50	89- A-65-11-00-00B-310A-A

4 External hoist lift

The external hoist lift is defined as an unreeling and recovery of the cable with a load attached to the hook, independent of the length of the cable that is deployed/recovered.

An unreeling/recovery of the cable with no load on the hook is not considered to be a lift. Any operation where a load is applied for half the operation (i.e. unreeling or recovery) must be considered as one lift.

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End of Data Module

Certification maintenance requirements - General

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Table 1 References

Data Module	Title
89-A-21-40-00-01A-320A-A	Heating system - Shutoff valves in OEI condition - Operation test
89-A-25-91-00-00A-340A-A	Single rescue hoist system kit - Load check - Function test
89-A-25-91-00-00B-320A-A	Single rescue hoist system kit - Limit and deceleration switches - Operation test
89-A-25-91-00-00E-320A-A	Single rescue hoist system kit - Cable anti-foul actuator - Operation test
89-A-25-91-01-06A-310B-A	Hoist cable - General visual inspection
89-A-25-92-00-02A-320A-A	Cargo hook system kit - Emergency release function - Operation test
89-A-25-93-00-00A-340A-A	Double rescue hoist system kit - Load check - Function test

Table 1 References

Data Module	Title
89-A-25-93-00-00B-320A-A	Double rescue hoist system kit - Limit and deceleration switches - Operation test
89-A-25-93-00-00D-320A-A	Double rescue hoist system kit - Cable anti-foul actuator - Operation test
89-A-25-93-00-02A-310A-A	Double rescue hoist system kit - Hoist cables - General visual inspection
89-A-26-13-00-00A-320A-A	Baggage compartment smoke detection system - Operation test
89-A-29-12-04-00A-320A-A	Tail shutoff valve - Operation test
89-A-30-61-00-01A-369A-A	FIPS - Rotor heating system - Auto transformer-rectifier units bonding check - Other check
89-A-30-61-00-02A-320A-A	FIPS - Rotor heating system - IPS control box functions - Operation test
89-A-30-63-00-02A-340A-A	FIPS - Ice detection system - Pressure switches and shut off valves - Function test
89-A-30-63-00-03A-320A-A	FIPS - Ice detection system - Ice detector control box functions - Operation test
89-A-30-71-00-02A-320A-A	LIPS - Ice detector control box functions - Operation test
89-A-30-71-00-03A-340A-A	LIPS - Pressure switches and shut off valves - Function test
89-A-30-71-00-04A-320A-A	LIPS - Ice control box functions - Operation test
89-A-32-31-00-00B-320A-A	Extension and retraction system - Emergency extension circuit - Operation test
89-A-46-31-00-01A-320A-A	Cockpit display system - Automatic reversion capability - Operation test
89-A-46-31-00-02A-320A-A	Cockpit display system - Manual reversion capability - Operation test
89-A-46-31-00-03A-320A-A	Cockpit display system - ADS reversion capability - Operation test
89-A-46-31-00-04A-320A-A	Cockpit display system - AHRS reversion capability - Operation test
89-A-63-51-00-00A-320A-A	Rotor brake system - Operation test
89-A-67-30-00-00A-320A-A	Servo-control system - Servoactuators - Operation test
89-A-71-62-03-01A-340A-A	Pressure transducer (IBF (left/right)) - Function test
89-A-95-61-00-00A-320A-A	Emergency flotation system kit - FLOAT switches - Operation test
89-B-24-21-07-00A-320A-A	AC generator control unit - Operation test
89-B-25-92-00-02A-320A-A	Cargo hook system kit - Emergency release function - Operation test

Table 1 References

Data Module	Title
89-C-25-91-00-00A-340A-A	Single rescue hoist system kit - Load check - Function test
89-C-25-91-00-00B-320A-A	Single rescue hoist system kit - Limit and deceleration switches - Operation test
89-C-25-91-00-00D-320A-A	Single rescue hoist system kit - Cable anti-foul actuator - Operation test
89-C-25-91-01-06A-310B-A	Hoist cable - General visual inspection

Description

1 Certification maintenance requirements

The [Table 2](#) that follows give the data about the mandatory maintenance checks that were identified during the certification process.

Parts listed in the following schedule must be mandatorily inspected when the indicated interval is reached.

2 Column term definitions

2.1 Reference (Ref)

This column gives the unique reference [CM (Certification Maintenance) plus the system number followed by a progressive number] which identifies each listed task.

2.2 System

This column gives the technical name of the system.

2.3 Task

This column gives the description of the work to do.

2.4 Interval

This column gives the maintenance check interval for the component. Unless specified differently, the interval is in Flying Hours (FH). Flying hours are defined as those hours accumulated from take-off to landing.

Inspection intervals are mandatory and cannot be increased. Inspection intervals can be anticipated provided that the next inspections intervals do not exceed the values mandated in this chapter.

Example:

- Task interval: 200 FH. If task is performed at 185 FH, next task must be performed within 200 FH from the previous compliance.

2.5 Reference (DMC)

This column shows the Data Module Code which gives the instructions to do the check.

2.6 Initials

When you use a copy of the data module for maintenance record purposes, this column, gives the space to write the initials of the person who did the check.

Table 2 Certification maintenance requirements

Ref.	System	Task	Interval	Reference (DMC)	Initials
CM21-01	Heating	OC of the bleed SOV closure in OEI condition	2200	89- A-21-40-00-01A-320A- A	
CM22-01	Deleted				
CM24-01	AC Genera- tion System (FIPS)	OC of the availability of over-current protection to be sure that in case of ATRU overvoltage the GCU is able to power off the XMS GEN	220	89- B-24-21-07-00A-320A- A	
CM25-01	Single/Dou- ble rescue hoist	OC to ensure correct operation of the full out limit and full stop limit function	450	89- A-25-91-00-00B-320A- A 89- C-25-91-00-00B-320A- A 89- A-25-93-00-00B-320A- A	
CM25-02	Single/Dou- ble rescue hoist	General visual inspection of the full cable length for damage and condition.	450	89- A-25-91-01-06A-310B- A 89- C-25-91-01-06A-310B- A 89- A-25-93-00-02A-310A- A	
CM25-03	Single rescue hoist	OC of full out limit switches S3 and S4 and full stop limit switches S1 and S2 to ensure absence of dormant closed circuit failure of either one of the switches in series	5000 (Note 4)	89- A-25-91-00-00B-320A- A 89- C-25-91-00-00B-320A- A	

Table 2 Certification maintenance requirements

Ref.	System	Task	Interval	Reference (DMC)	Initials
CM25-04	Single rescue hoist	OC of limit switches S5, S6,S7 and S8 to ensure absence of dormant closed circuit failure of either one of the switches in series	5000 (Note 4)	89- A-25-91-00-00B-320A-A 89- C-25-91-00-00B-320A-A	
CM25-05	Double rescue hoist	OC of full out limit switches S3and S4 and full stop limit switches S1 and S2 to ensure absence of dormant closed circuit failure ofeither one of the switches in series	3200 (Note 4)	89- A-25-93-00-00B-320A-A	
CM25-06	Double rescue hoist	OC of limit switches S5, S6,S7 and S8 to ensure absence of dormant closed circuit failure of either one of the switches in series	3200 (Note 4)	89- A-25-93-00-00B-320A-A	
CM25-07	Single/Dou-ble rescue hoist	OC of the rescue hoist cable foul detection to ensure hoisting operations stop and indications are generated	450	89- A-25-91-00-00E-320A-A 89- C-25-91-00-00D-320A-A 89- A-25-93-00-00D-320A-A	
CM25-08	Single/Dou-ble rescue hoist	Functional check of the over-load clutch (load check)	400 hoist lifts or 6 months whichever comes first (Note 14)	89- A-25-91-00-00A-340A-A 89- C-25-91-00-00A-340A-A 89- A-25-93-00-00A-340A-A	
CM25-09	Deleted				
CM25-10	Single/Dou-ble rescue hoist	Hoist lift limit	36 months or 2600 hoist lifts whichever comes first (Note 11)	Note 12 Note 14	

Table 2 Certification maintenance requirements

Ref.	System	Task	Interval	Reference (DMC)	Initials
CM25-11	Cargo Hook	OC of cargo hook emergency release function	3200 FH or 2 years (Note 8)	89- A-25-92-00-02A-320A-A 89- B-25-92-00-02A-320A-A	
CM25-12	Double rescue hoist	Check the availability of over-current protection to be sure that in case of rescue hoist short circuit the ECU-111 (A381 and A383) is able to isolate the rescue hoist from 115 VAC distribution (Note 9)	1600	Note 3	
CM26-01	Fire protection	OC of the baggage compartment smoke detection system	10000	89- A-26-13-00-00A-320A-A	
CM29-01	Hydraulic power	OC of the TRSOV and associated electrical circuitry included OC of PCM2 Low 1 level switch, low 2 level switch	640	89- A-29-12-04-00A-320A-A	
CM30-01	Full Ice Protection System (FIPS)	OC of the ice detector box to verify correct functionality of the IDB functions	440	89- A-30-63-00-03A-320A-A	
CM30-02	Full Ice Protection System (FIPS)	OC of the ice detector box to verify correct functionality of the ICB CH B functions	440	89- A-30-61-00-02A-320A-A	
CM30-03	Full Ice Protection System (FIPS)	OC of the ATRU MOV protection to verify the availability of overcurrent protection to be sure that in case of overvoltage of the ATRU is able to open circuit	800	89- A-30-61-00-01A-369A-A	
CM30-04	Full Ice Protection System (FIPS)	OC to verify the correct functionality of the SOVs and pressure switches on the bleed lines	10000	89- A-30-63-00-02A-340A-A	
CM30-05	Limited Ice Protection System (LIPS)	OC of the ice detector box to verify correct functionality of the IDB functions	840	89- A-30-71-00-02A-320A-A	
CM30-06	Limited Ice Protection System (LIPS)	OC of the ice detector box to verify correct functionality of the ICB CH B functions	4080	89- A-30-71-00-04A-320A-A	

Table 2 Certification maintenance requirements

Ref.	System	Task	Interval	Reference (DMC)	Initials
CM30-07	Limited Ice Protection System (LIPS)	OC to verify the correct functionality of the SOVs and pressure switches on the bleed lines	10000	89-A-30-71-00-03A-340A-A	
CM32-01	Landing Gear	OC of the emergency undercarriage extension button	2400	89-A-32-31-00-00B-320A-A	
CM46-01	Systems integration and display	OC to confirm that automatic reversion capability is functioning correctly	800	89-A-46-31-00-01A-320A-A	
CM46-02	Systems integration and display	OC to confirm that the PFD/MFD manual reversion capability is functioning correctly	70 FH - This task shall be applied if the interval between two PFD/MFD manual reversion/selection procedures exceed the 70 FH	89-A-46-31-00-02A-320A-A (Note 1)	
CM46-03	Systems integration and display	OC to confirm that the ADC1/ADC2 manual reversion capability is functioning correctly	70 FH - This task shall be applied if the interval between two ADC1/ADC2 manual reversion/selection procedures exceed the 70 FH	89-A-46-31-00-03A-320A-A	
CM46-04	Systems integration and display	OC to confirm that the AHRS1/AHRS2 manual reversion capability is functioning correctly and that the pitch, roll and heading outputs are correct for both AHRS units	70 FH - This task shall be applied if the interval between two AHRS1/AHRS2 manual reversion/selection procedures exceed the 70 FH	89-A-46-31-00-04A-320A-A	
CM46-05	Systems integration and display	OC to confirm that the GROUND/OPEN discrete from the RCP is functioning correctly	4000	89-A-46-31-00-02A-320A-A	
CM49-01	Auxiliary power	OC of APU power generation system	60 FH - This task shall be applied if the interval between two APU starts exceed the 60 FH	Note 2	

Table 2 Certification maintenance requirements

Ref.	System	Task	Interval	Reference (DMC)	Initials
CM63-01	Rotor Brake	OC of the Rotor brake system (apply rotor brake)	800 FH - This task shall be applied if the interval between two rotor brake applications exceed the 800 FH	89- A-63-51-00-00A-320A- A	
CM67-01	Rotors flight control	OC of the Main Rotor Actuator anti jam device and related indication circuit	840	89- A-67-30-00-00A-320A- A	
CM67-02	Rotors flight control	OC of the Tail Rotor Actuator anti jam device and related indication circuit	840	89- A-67-30-00-00A-320A- A	
CM71-01	Engine installation	OC of both LPU to verify the lightning protection correct operation	6500	Note 3	
CM71-02	Engine installation	FC of EPAC (engine power assurance check) to verify correct data transmission. Confirm the correct operation of the automatic PAC function by comparing its results with those obtained via the PAC paper charts	2400	Note 10	
CM71-03	Engine pressure transducer	IBF FC of the engine IBF pressure transducer in order to verify the correct delta pressure drop measurement and transmission to AMMC and to allow the AVNX to generate the cautions properly	8000	89- A-71-62-03-01A-340A- A	
CM95-01	Emergency Flotation	OC of the Relay K301 and Relay K302 to verify that the contacts are not failed in closed position	440	89- A-95-61-00-00A-320A- A	

Table 2 Certification maintenance requirements

Ref.	System	Task	Interval	Reference (DMC)	Initials
Note					
1		Do the “Manual reversion test” procedure only.			
2		Task to be performed by an engine starting via APU.			
3		Task to be performed by sending the components to the Manufacturer.			
4		This task is performed also during the rescue hoist assembly overhaul. Use the limit that occurs first.			
5		Deleted.			
6		Deleted.			
7		Deleted.			
8		Use the limit that occurs first.			
9		This task is applicable only if the improved hoist power supply P/N 8G2591A08212 has been installed.			
10		Refer to Rotorcraft Flight Manual (RFM) for task procedure. This task is valid for helicopter that installed Software Phase 4.0 and above.			
11		4 months of margin to be added to the limit value. For this task only, the time interval may be extended by up to 4 months, but not beyond 40 months total interval. No tolerance may be applied to the hoist lift limit.			
12		At the specified limit the component must be replaced and the removed item must be sent to the Vendor supplier for the clutch schedule replacement activity.			
13		Deleted			
14		The specified limit is intended from the date of manufacturing of the hoist core or last clutch replacement.			

3 External hoist lift

The external hoist lift is defined as an unreeling and recovery of the cable with a load attached to the hook, independent of the length of the cable that is deployed/recovered.

An unreeling/recovery of the cable with no load on the hook is not considered to be a lift. Any operation where a load is applied for half the operation (i.e. unreeling or recovery) must be considered as one lift.

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End of Data Module

AW189

Air vehicle maintenance planning information

Chapter 05

Scheduled / unscheduled maintenance

Issue 027: 2020-12-22

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List of effective data modules

The listed documents are included in issue 027, dated 2020-12-22, of this chapter.

Document title	Data module code	No. of pages	Issue date	Applicable to
Scheduled/unscheduled maintenance - General	89-A-05-00-00-00A-028E-P	6	C 2020-11-03	GBA, GER, KBA
Time limits - General	89-A-05-10-00-00A-028E-P	2	2013-10-29	All
Permitted inspection/task interval tolerances - General	89-A-05-11-00-00A-028E-P	4	2019-03-01	All
Component overhaul schedule - General	89-A-05-12-00-00A-028E-P	6	C 2020-12-16	GBA, GER, KBA
Discard time schedule - General	89-A-05-13-00-00A-028E-P	6	C 2020-11-03	GBA, GER, KBA
Maintenance tasks overview - General	89-A-05-21-00-00A-028E-P	152	C 2020-11-03	GBA, GER, KBA
Conditional inspections - General	89-A-05-51-00-00A-028E-P	2	2020-06-05	GBA, GER, KBA

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Highlights

The listed changes are introduced in issue 027, dated 2020-12-22, of this chapter.

Data module code	Reason for change
89-A-05-00-00-00A-028E-P	Changed - Updated introduction as shown with change marks.
89-A-05-12-00-00A-028E-P	Changed - Added CO62-03 and Note 14. Updated tasks CO25-02, CO25-03, CO25-04, CO95-05, Note 13. Updated introduction as shown with change marks.
89-A-05-13-00-00A-028E-P	Changed - Updated tasks DT25-03, DT25-04, DT25-05, DT25-07, DT25-09, DT25-10, DT26-01, DT33-01, DT49-03. Updated introduction as shown with change marks. Deleted Note 2.
89-A-05-21-00-00A-028E-P	Changed - Added task 30-07. Updated tasks and Notes as shown with change marks. Deleted tasks 22-01, 34-04, 26-14.

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Scheduled/unscheduled maintenance - General

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Table 1 References

Data Module	Title
89-A-05-10-00-00A-028E-P	Time limits - General

Table 1 References

Data Module	Title
89-A-05-21-00-00A-028E-P	Maintenance tasks overview - General

Description

1 Scheduled/unscheduled inspections

1.1 General

This chapter describes the scheduled and unscheduled maintenance operations applicable to the AW189 helicopter. The procedures related to the maintenance tasks will be found in the pertinent chapters of the Maintenance Publication.

The inspections are presented in typographic form suitable for the local reproduction in such a way as to be used by personnel to perform helicopter inspections and to constitute, if desired, a data collection.

The inspections must be accomplished by qualified personnel to ascertain the airworthiness of the helicopter.

New issues of this Data Module which introduce new tasks or change existing tasks must be evaluated for incorporation into the Operators Maintenance Program (OMP). Incorporation (where required) in the OMP should be within six months of the date of receipt of the new issue of the AMPI by the operator. After the incorporation in the OMP, the new or changed task shall be accomplished at the next suitable point in that program within the frequency designated for these tasks unless otherwise specified.

1.2 Continued Airworthiness

The maintenance requirements identified in this chapter, together with those in the following list, constitute the list of scheduled/unscheduled inspections applicable to AW189 helicopter:

- Airworthiness Limitations as in Chapter 04 of this publication
- Helicopter pre-flight checks identified in Section 2 of the Rotorcraft Flight Manual
- General Electric CT7-2E1 engine scheduled maintenance requirements
- Safran Aneto-1k X046 1K 460 2 engine scheduled maintenance requirements
- Technical bulletins, where applicable to the specific helicopter serial number configuration.

1.3 Standards and procedures

The maintenance requirements have been essentially established based on the Maintenance Review Board Report N.189G0000M006 performed by Manufacturer in accordance with the requirements identified in the Document 189G0000M005 Maintenance Review Board Policy and Procedure Handbook for AW189 helicopter.

The Maintenance requirements identified in this chapter have been developed assuming that the rotorcraft is operated where contamination with a salt laden atmosphere can be expected.

The maintenance requirements have been developed for, and are applicable to, rotorcraft flying up to 1600 FH / 1 Year including low utilization.

The following assumptions have also been taken into account:

- Average number of landings per FH: 8
- Maximum number of rotor brake application per landing: 1.

1.4 Inspection program (general rules)

WARNING

All parts removed because they have reached their limits or as a result of a post accident/incident inspection during which they are deemed to be not airworthy, shall be permanently marked as scrap or physically destroyed to the extent that there is no chance of repair or installation on another helicopter or component.

Periodicity of the inspection program has been established by the MSG-3 process based on the usage parameters Rotorcraft Flight Hours, Rotorcraft landing, APU Hours, APU Cycles and Calendar Time, whichever is most suitable to determine the degree of deterioration and / or technical condition of systems and airframe rotorcraft operation.

Task interval parameters expressed in this inspection program may be converted to individual operator units suitable for their operation (i.e. Rotorcraft Flight Hours, Rotorcraft Landing or Calendar Time) provided this conversion does not result in the Operator exceeding the initial requirements of this inspection program.

Operators whose real rotorcraft utilization differs significantly (high utilization) from the utilization indicated in the para 1.3 must make adjustment to their Maintenance Program in agreement with Operator's Regulatory Authority.

It is responsibility of each operator to adjust their maintenance program in accordance with their National Requirements, and to comply with existing rules with respect to reporting events having effects on the continued airworthiness of the rotorcraft to their Regulatory Authority and to the Manufacturer.

It is responsibility of each operator to adjust their maintenance program, based on in-service experience, considering specific environmental conditions such as:

- Regular exposure to highly corrosive environment
- Regular exposure to sandstorms and dust
- Regular operations in areas of high humidity
- Regular operation in areas of high temperature
- Exposure to volcanic ash.

It is responsibility of each operator to adjust their maintenance program, based on in service experience, considering its own specific profile such as for example:

- Under slung load
- Emergency Medical Service (EMS)
- Fire fighting.

The inspection program is not intended to cover operational requirements such as water draining from fuel tanks, de-icing, mooring, etc.

Service Bulletins (BT) implementation can impact applicability (according to rotorcraft modification) or intervals of maintenance tasks.

Those tasks for which the interval is expressed in APU hours or cycles, the APU total hours / cycles shall be managed by the operator and calculated using the following formula:

APU Total hours/cycles (t) = [A/C APU hour/cycles counter (t) – A/C APU hour/cycles counter t (0)] + APU total/cycles hours (t0)

t0 = at time of APU installation

For a brand new APU the “APU total hours/cycles (t0)” is zero

For first APU installation on the helicopter the “A/C APU hour counter (t0)” is zero

It is essential that operators properly record the APU hour / Cycles counter indication at each APU removal from helicopter. APU hours/cycles counter is available on the monitoring system installed on cockpit.

Note

It is not possible to reset the A/C APU hour/cycles counter.

As an alternative, operators may develop conversion factor (i.e. APU hour to flight hours) with the approval of their National Aviation Authority for incorporation into their own scheduled maintenance programme, provided this conversion does not result in the operators exceeding the initial requirements of this report.

Example: A/C APU hour/cycles counter (t) currently reading on A/C Counter = 30
 A/C APU hour/cycles counter t(0) at APU installation/replacement = 25
 APU hour/cycles counter t(0) of the newly installed APU = 13

APU total hours/cycles (t) = [30 - 25] + 13 = 18 APU hours/cycles

Whenever more than one usage parameter interval is assigned to a task, and when not stated otherwise, the interval expiring first shall apply.

When a task is accomplished earlier than its due time, the subsequent due time shall be calculated starting from its actual completion.

The Maintenance Tasks Overview section ([89-A-05-21-00-00A-028E-P](#)) included in this chapter contains an overview of the maintenance program and is intended as a reference.

1.5 Contents

The chapter includes:

- Time limits ([89-A-05-10-00-00A-028E-P](#))
- Scheduled maintenance checks ([89-A-05-21-00-00A-028E-P](#))

Note

1. Obey with the requirements for the scheduled/unscheduled maintenance checks in this chapter each time the specified interval/condition occurs.
2. The requirements for the scheduled/unscheduled maintenance checks in this chapter are not cumulative. Thus, when you do the checks scheduled at a multiple of basic hourly or calendar interval, you must do also all the checks scheduled before them (i.e. when you do the checks scheduled at 4 years, you must do also the checks scheduled at 1 year and 2 years).

Refer to the latest issue of Engine Maintenance Manual for the scheduled/unscheduled maintenance requirements applicable to the General Electric CT7–2E1 engine.

Refer to the latest issue of Engine Maintenance Manual for the scheduled/unscheduled maintenance requirements applicable to the Safran Aneto-1k X046 1K 460 2 engine.

Refer to the latest issue of APU Maintenance Manual ML 1 & 2 eAPU 60 Model 342 DT 13-01 for the scheduled/unscheduled maintenance requirements applicable to AW189 Auxiliary Power Unit.

2 Maintenance task definitions

2.1 Lubrication and servicing (LU/SV)

Any act of lubrication or servicing for the purpose of maintaining inherent design capabilities.

2.2 Operational check/test (OC)

An operational check/test (OC) is a task to determine that an item is fulfilling its intended purpose. The check does not require quantitative variations. This is a failure finding task.

2.3 Functional check/test (FC)

An functional check/test (FC) is a quantitative check to determine if one or more functions of an item performs within specified limits.

2.4 Visual check (VC)

An visual check (VC) is an observation to determine that an item is fulfilling its intended purpose. The check does not require quantitative tolerances. This is a failure finding task.

2.5 General visual inspection (GVI)

A general visual inspection (GVI) is a visual examination of an interior or exterior area, installation or assembly to detect obvious damage, failure or irregularity. This level of inspection is made from within touching distance, unless otherwise specified. A mirror may be necessary to enhance visual access to all exposed surfaces in the inspection area. This level of inspection is made under normally available lighting conditions such as daylight, hangar lighting, flashlight or drop-light and may require removal or opening of access panels or doors. Stands, ladders or platforms may be required to gain proximity to the area being checked.

2.6 Detailed inspection (DI)

A Detailed Inspection (DI) is an intensive examination of a specific item, installation or assembly to detect damage, failure or irregularity. Available lighting is normally supplemented with a direct source of good lighting at an intensity deemed appropriate. Inspection aids such as mirrors, magnifying lenses, etc. may be necessary. Surface cleaning and elaborate access procedures may be required.

2.7 Special detailed inspection (SDI)

A special detailed inspection (SDI) is an intensive examination of a specific item, installation, or assembly to detect damage, failure or irregularity. The examination is likely to make extensive use of specialized inspection techniques (i.e. liquid penetrant, magnetic particle, Eddy Current, radiographic, etc.) and/or equipment. Intricate cleaning and substantial access or disassembly procedure may be required.

2.8 Restoration (overhaul) (RST)

Restoration (overhaul) is the work necessary to return the item to a specific standard. Restoration may vary from cleaning or replacement of single parts up to a complete overhaul.

Note

Overhaul activities are all the activities that involve partial or total disassembly of an equipment/assembly with the purpose of reconditioning, replacing and/or testing the internal components, at the intervals specified by the manufacturer.

2.9 Discard (DIS)

Discard tasks are normally applied to so-called single celled parts such as cartridges, canisters, cylinders, engine disks, safe-life structural items, etc.

Note

Unless specifically stated otherwise, the tasks identified in this document can be performed without removing the subject assembly/component.

3 Maintenance time limits**Note**

The limits, specified for any helicopter Manufacturer part number quoted in this chapter, apply also to all successive part numbers having the same first ten digits and different last two digits, unless otherwise specified.

Unless specified differently (i.e. Hoist Operating Hours), the time limit is in Flight Hours (FH). Flight hours are defined as those hours accumulated from take-off to landing.

Time limits - General

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89-A-05-11-00-00A-028E-P	Permitted inspection/task interval tolerances - General
89-A-05-12-00-00A-028E-P	Component overhaul schedule - General
89-A-05-13-00-00A-028E-P	Discard time schedule - General

Description

1 Time limits

This section gives the recommended time limits requirements for the components of the helicopter.

The time limits includes:

- Permitted inspection/task interval tolerances ([89-A-05-11-00-00A-028E-P](#))
- Component overhaul schedule (overhaul task) ([89-A-05-12-00-00A-028E-P](#))
- Discard time schedule (discard task) ([89-A-05-13-00-00A-028E-P](#)).

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End of Data Module

Permitted inspection/task interval tolerances - General

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Table 1 References

Data Module	Title
No References	

Description

1 Permitted inspection/tasks interval tolerances

Note

The interval tolerances are not applicable for aircraft under FAA registration.

This sub-section gives the permitted inspection/tasks interval tolerances for the scheduled maintenance checks in the manual.

Under normal operating conditions, an established interval for accomplishment of scheduled maintenance cannot be exceeded.

However, circumstances may exist that justify, under controlled conditions, use of a tolerances for a maintenance interval configurable as a onetime extension of an interval for an individual helicopter.

The tolerances shall respect the following rules:

- The Operator may vary the period described by the Inspection Program provided that such a variation is within the limits indicated at [Para 1.1 - Interval tolerances permitted](#).
- Interval tolerances can be applied only when the period prescribed by this Inspection Program cannot be complied with due to circumstances which could not reasonably have been foreseen by the Operator
- Interval tolerances cannot be assumed as “ maintenance planning tool” - -

- Interval tolerances DO NOT apply to
 - Airworthiness Directives
 - National Requirements
 - Interval specified in the Master Minimum Equipment List (MMEL)
 - Discard tasks prescribed by the inspection program
 - Overhaul task prescribed by the inspection program.

When a interval tolerances is used, **IT IS NOT CUMULATIVE**, therefore the subsequent interval shall be computed as per the original scheduled interval (and related tolerances).

Example:

- Task interval: 100 FH, Maximum variation; 10 FH, if the task is conducted at 105 FH, the subsequent task must be performed as per original scheduled at 200 FH (+10 FH)
- Task interval: 24 months, Maximum variation: 30 days. If the task is conducted at 25 months, the subsequent task must be performed as per original scheduled at 48 months (+ 30 days)
- Task interval: 100 FH, Maximum variation; 10 FH, if the task is conducted at 85 FH, the subsequent task must be performed as per original scheduled at 185 FH (+10 FH)
- Task interval: 24 months, Maximum variation: 30 days. If the task is conducted at 23 months, the subsequent task must be performed as per original scheduled at 47 months (+ 30 days).

1.1 Interval tolerances permitted

Unless otherwise specified, the maximum Interval tolerances permitted are indicated below:

a. Item controlled by flight hours (FH)

Period involved	The maximum interval tolerances
Up to (and including) 400 FH	+10 %
More than 400 FH	+50 FH

b. Item controlled by calendar time

Period involved	The maximum interval tolerances
Below 60 days	+10 %
More than 60 days (included) up to 12 months	+6 days
More than 12 months (included)	+1 month

c. Item controlled by APU hours and cycles

Period involved	The maximum interval tolerances
Up to (and including) 400 APU hours/cycles	+10 %
More than 400 APU hours/cycles	+40 APU hours/cycles

d. Item controlled by more than one limit

For items controlled by more than 1 limit, i.e. items controlled by flying hours and calendar time, the more restrictive limit shall be applied

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End of Data Module

Component overhaul schedule - General

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References

Table 1 References

Data Module	Title
89-A-00-00-00-00A-018A-P	Maintenance planning information publication - Introduction
89-A-00-00-00-00A-02AA-A	Helicopter - List of optional systems/installations

Description

1 Components overhaul schedule

This sub-section gives the overhaul intervals (overhaul task) for the components of the helicopter.

2 List of components

Refer to [Table 2](#) .

3 Column terms definitions

3.1 Reference (Ref)

This column gives the unique reference [CO (Component Overhaul) plus the system number followed by a progressive number] that identifies the component.

3.2 Part number

This column gives the part number which identifies the component.

3.3 Component

This column gives the item description which identifies the component.

3.4 Overhaul interval

This column gives the overhaul interval for the component. Unless specified differently, the overhaul interval is in flight hours (FH).

No tolerance above the limit is permitted on the overhaul intervals.

Whenever more than one usage parameter interval is assigned to a task, and when not stated otherwise, the interval expiring first shall apply.

Note

The overhaul intervals, specified for the Manufacturer part numbers (e.g.: 8G6320A00132) written in Table 1, apply also to all successive part numbers with the same first ten digits and different last two digits, unless specified differently.

Operators desiring overhaul interval extensions should submit a formal request, including details of part number, total time since new and the total time since overhaul to:

Leonardo S.p.A. - Helicopters

- Customer Support & Services Italy Product Support Engineering & Licenses Dept.
- Via Indipendenza, 2 - 21018 Sesto Calende (VA) - Italy
- Attention: Customer Support Engineering Manager.

3.5 MRBR Task ID

This column shows the reference number given by the Maintenance Review Board Report (MRBR).

3.6 Applicability

This column shows the task applicability related to the helicopter version. Refer to [89-A-00-00-00-00A-018A-P](#).

3.7 Effectivity

This column shows the task applicability related to the optional systems/installations installed on the helicopter. Refer to [89-A-00-00-00-00A-02AA-A](#) of the Maintenance Publication.

Table 2 List of components

Ref.	Part number	Component	Overhaul Interval	MRBR Task ID	Applicability	Effectivity
CO24-01	8G2420V00551	Starter generator	2400	242000M-01	GBA, GER, KBA	All
CO24-02	8G2420V00151	APU generator	3000 APU hours	242000M-02	GBA, GER, KBA	All
CO24-03	8G2420V00751	FIPS XMS generator	3000	300200M-03	GBA, GER	K134
CO25-01	503-24-6-A	System Interface Unit (SIU)	10 years	256200M-03	GBA, GER, KBA	K002
CO25-02	503-21	Beacon release unit	(Note 13) (Note 14)	256200M-06	GBA, GER, KBA	K002
CO25-03	8G2591V00331	Hoist core (Single hoist system)	111 hoist operating hours / 10 years from the first installation (Note 6)	259100M-10	GBA, GER, KBA	K008, K236
	8G2591V01131	Hoist core (Dual hoist system)	111 hoist operating hours / 10 years from the first installation (Note 6)	259300M-10	GBA, GER	K050
	3G2591V01532	Hoist core (Single foldable rescue hoist)	111 hoist operating hours / 10 years from the first installation (Note 6)	259100M-10	GBA, GER	K193
CO25-04	3G2592V00331	Cargo hook assembly	5 years / 1500 external load cycles (Note 8)	259200M-02	GBA, GER, KBA	K040, K240
	3G2592V00451	Cargo hook support frame	5 years / 1500 external load cycles (Note 8)		GBA, GER, KBA	K040, K240
CO30-01	3G7160V01451	Shutoff valve	10000	300100M-02	GBA, GER	K130
				300200M-02	GBA, GER	K134
CO32-01	8G3230V00231 (Note 9)	Landing gear control valve	8000 landings	323000M-06	GBA, GER, KBA	All
CO32-02	8G3210V00831 (Note 9)	Main landing gear retraction actuator	8000 landings	323000M-08	GBA, GER, KBA	All
CO32-03	8G3220V00331	Nose landing gear retraction actuator	8000 landings	323000M-09	GBA, GER, KBA	All
	8G3220V00332 (Note 9)					
CO32-04	8G3220V00333 (Note 9)	Nose landing gear retraction actuator	80000 landings	323000M-09	GBA, GER, KBA	All
CO33-01	Deleted					
CO49-01	342-50-11	Auxiliary power unit	5000 APU hours / 8 years	N/A	GBA, GER, KBA	All
CO62-01	4F6220V00251	Main rotor head damper	2400	622000M-12	GBA, GER, KBA	All
	8G6220V00151					
CO62-02	4G6220V00151	Main rotor slip ring	1500	300200M-04	GBA, GER	K134

Table 2 List of components

Ref.	Part number	Component	Overhaul Interval	MRBR Task ID	Applicability	Effectivity
CO62-03	8G6220V00251	Main rotor lead lag damper	3000	622000M-12	GBA, GER, KBA	All
CO63-01	8G6320A00132	Main Gearbox (MGB)	5200 FH	632000M-01 631000M-03	GBA, GER, KBA	All
CO63-02	4F6320V00731	MGB oil cooler fan	5000	632000M-05	GBA, GER, KBA	All
CO63-03	4F6320A00831	MGB oil pump	5200 FH	632000M-06	GBA, GER, KBA	All
CO63-04	8G6320V00131 4F6320V00131	MGB oil cooler assembly	10000	632000M-18	GBA, GER, KBA	All
CO63-05	3G6352V02452	Rotor brake actuator assembly	33000 landings	635200M-02	GBA, GER, KBA	All
CO64-01	8G6420V00251	Tail rotor slip ring (includes replacement of bearing)	1200	300200M-10	GBA, GER	K134
CO65-01	4F6510A00132 4F6510A00232	Tail rotor drive shaft bearing support	5200 FH / 10 years	651000M-13	GBA, GER, KBA	All
CO65-02	8G6521A00131	Intermediate Gearbox (IGB)	5200 FH / 10 years	652100M-03	GBA, GER, KBA	All
CO65-03	8G6522A00131 8G6522A00132	Tail Rotor Gearbox (TGB)	5200 FH / 10 years	652200M-03	GBA, GER, KBA	All
CO67-01	6F6730V00331	Tail rotor servo-actuator	5000	221000M-01 673000M-06	GBA, GER, KBA	All
CO67-02	4F6730V00331 8G6730V00331	Main rotor servo-actuator	1000 3000	673000M-02	GBA, GER, KBA	All
CO72-01		Output shaft module (M04) (off aircraft)		721000M-01		
CO72-02	(Note 12)	Engine compressor module (M01) (off aircraft)		723001M-02		
CO72-03		Engine hot section module (M02) (off aircraft)	3000	724001M-02 731001M-04	KBA	All
CO72-04		Engine power turbine module (M03) (off aircraft)		725001M-01		
CO72-05		Engine accessory gearbox module (M05) (off aircraft)		726001M-02 731001M-02		
CO73-01	(Note 12)	High pressure pump and metering unit (off aircraft)	3000	731001M-03	KBA	All
CO95-01	Deleted					
CO95-02	Deleted					

Table 2 List of components

Ref.	Part number	Component	Overhaul Interval	MRBR Task ID	Applicability	Effectivity
CO95-03	Deleted					
CO95-04	Deleted					
CO95-05	8G9560V01751	Inflation system (cylinder), part of float assembly, aft (2 off)	5 years from vessels manufacturing date or inflation system manufacturing date or from last overhaul (Note 5)	956100M-04	GBA, GER, KBA	K007, K086
CO95-06	66601-105	Life vest	10 years from manufacture date or last OVHL	956200M-06	GBA, GER, KBA	K047, K048
					GBA, GER	K196
					GBA, KBA	K049
					GER	KC04
CO95-07	311412B	Life raft inflation assembly	5 years from manufacture date or last OVHL (Note 11)	956200M-08	GBA, GER, KBA	K005
	311417B					
	(Note 10)					

Note

- 1 Deleted.
- 2 Deleted.
- 3 Deleted.
- 4 Deleted.
- 5 This component is part of left aft float assembly P/N 8G9560V00331/332 and of right aft float assembly P/N 8G9560V00431/432 .
- 6 You can see the operating hours on the hourmeter installed on the rescue hoist.
- 7 Deleted.
- 8 An external load cycle is every external load lift using the cargo hook.
- 9 Not applicable to components with part number different from the one indicated.
- 10 The Component 311412B is part of the life raft 8G2560V00131. The Component 311417B is part of the life raft 8G2560V00231.
- 11 Where manufacturing date is not reported consider indication about next hydrostatic due date written on bottle label.
- 12 Refer to Safran Aneto-1k Engine maintenance manual X046 1K 460 2.
- 13 Overhaul includes actuator replacement.
- 14 10 years from manufacturing date (see expiry date on BRU tag)

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End of Data Module

Discard time schedule - General

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References

Table 1 References

Data Module	Title
89-A-00-00-00-00A-018A-P	Maintenance planning information publication - Introduction
89-A-00-00-00-00A-02AA-A	Helicopter - List of optional systems/installations

Description

1 Discard time schedule

This sub-section gives the indication of the number of hours/months/years at which the component must be discarded.

The discard times of some parts are expressed in “landings” because their usage is dependent upon the rotor start-stop cycles and the helicopter ground-air-ground cycles.

2 List of components

Refer to [Table 2](#).

3 Column terms definitions

3.1 Reference (Ref)

This column gives the unique reference [DT (Discard Time) plus the system number followed by a progressive number] that identifies the component.

3.2 Part number

This column gives the part number which identifies the component.

3.3 Component

This column gives the item description which identifies the component.

3.4 Discard time

This column gives the number of hours / months / years or the conditions at which point the component must be discarded.

Where not differently specified, the discard time is intended from the date of installation.

No tolerance above the limit is permitted on the discard time.

Refer to the proper airworthiness documentation provided with the components for any applicable shelf life limit.

Whenever more than one usage parameter interval is assigned to a task, and when not stated otherwise, the interval expiring first shall apply.

Note

The discard times specified for the Manufacturer part numbers (e.g.: 8G3230V00231) written in Table 1, apply also to all successive part numbers with the same first ten digits and different last two digits, unless specified differently.

3.5 MRBR Task ID

This column shows the reference number given by the Maintenance Review Board Report (MRBR).

3.6 Applicability

This column shows the task applicability related to the helicopter version. Refer to [89-A-00-00-00-00A-018A-P](#).

3.7 Effectivity

This column shows the task applicability related to the optional systems/installations installed on the helicopter. Refer to 89-A-00-00-00-00A-02AA-A of the Maintenance Publication.

Table 2 List of components

Ref.	Part number	Component	Discard Time	MRBR Task ID	Applicability	Effectivity
DT18-01	3G1860A03535	Mast vibration rod assembly	1770 FH	186200M-03	GBA, GER, KBA	K104
DT21-01	Deleted					
DT23-01	Deleted					
DT25-01	510163-01	Restraint system (foldable seats)	12 years from manufacture date	252400M-08	GER	K092, KC01, KC04
DT25-03	452-0133	Emergency locator transmitter (ELT) battery	Expire date of the battery pack	256100M-02	GBA, GER	K001
DT25-04	A01011	System interface unit (SIU) battery	1 year or expire date of the battery pack (Note 18)	256200M-04	GBA, GER, KBA	K002
DT25-05	0936 Lithium-sulphur dioxide "D" cell	Beacon battery	Expire date of the battery pack (Note 1)	256200M-07	GBA, GER, KBA	K002
DT25-06	Deleted					
DT25-07	42315-281	Cartridge (rescue hoist system)	5 years from manufacture date (Note 11)	259100M-06 259300M-06	GBA, GER, KBA GBA, GER	K008, K236 K050, K193
DT25-08	Deleted					
DT25-09	AMTC-H1037-BL	Winchman safety harness (rescue hoist system)	7 years from first installation or 10 years from manufacture date	259100M-16 259300M-17	GBA, GER, KBA GBA, GER	K008, K236 K050, K193
DT25-10	FE-7590-95	Pressure cartridge (cargo hook system)	5 years from first installation or 13 years from manufacture	259200M-04	GBA, GER, KBA	K040, K240
DT25-11	3G2550A00231 8G2550V00131	Cargo net assembly	10 years from manufacture date	N/A	GBA, GER, KBA	K035
DT25-12	3G2550L01931 3G2550L02031 3G2550L02131 3G2550L02231	Vertical cargo nets	10 years from manufacture date	N/A	GBA, GER	K159
DT26-01	CT01800-1 CT01900-1 30903914-1 30903915-1	Fire bottles cartridge	12 years from first installation or 15 years from manufacture 10 years from first installation or 15 years from manufacture	262000M-02 262000M-14	GBA, GER KBA	All All

Table 2 List of components

Ref.	Part number	Component	Discard Time	MRBR Task ID	Applicability	Effectivity
DT26-02	A072A05 BA21741SR-5 AW003ZE05	Portable fire extinguishers (supplied by Enterprises Ltd)	10 years from manufacture date			All
	MB2620I00251	Portable fire extinguishers (supplied by H3R Aviation)	6 years from manufacture date	262000M-04	GBA, GER, KBA	All
	P3APP003010A P3APP003010D	Portable fire extinguishers (supplied by P3 Hafex)	12 years from manufacture date			All
DT31-01	810-2008/K 810-2042	Underwater locator beacon (ULB) battery	At expiration date labels	313100M-04	GBA, GER, KBA	All
	810-2042		256500M-02	GBA, GER	K120	
DT32-01	8G3230V00231 (Note 14)	Landing gear control valve	10000 FH	323000M-07	GBA, GER, KBA	All
DT32-02	8G3210V00831 (Note 14)	Main landing gear retraction actuator	10000 FH	323000M-10	GBA, GER, KBA	All
DT32-03	Deleted					
DT32-04	8G3230V00232 (Note 14)	Landing gear control valve	160000 landings	323000M-07	GBA, GER, KBA	All
DT33-01	4F3350A02131	Battery pack (HEELS)	3 years from installation date or expire date of the battery pack	335000M-04	GBA, KBA	K010
					GBA, GER	K045
					GER	K061
DT33-02	726-0457/01	Battery pack	3 years from installation date (Note 13)	335000M-07	GBA, GER, KBA	All
DT49-01	Note 3	APU fuel filter element	At each 800 APU hours	493000M-01	GBA, GER, KBA	All
DT49-02	Note 3	APU oil filter element	At each 400 APU hours	499000M-01	GBA, GER, KBA	All
DT49-03	138310-101 8G7160V02531	APU inlet barrier filter	After 15 cleaning cycles	N/A	GBA, GER	K135
DT56-01	A417AG002WB A417AF001WB (Note 16)	Cockpit doors emergency exit window seals and filler wedges	2 years from installation date	561000M-02	GBA, GER, KBA	All
	A417AF001WB2435 A417AG002WB2435 A417AF001WB2125 A417AG002WB2125 (Note 17)	Cabin emergency exit window seals and filler wedges	2 years from installation date	562000M-02	GBA, GER, KBA	All

Table 2 List of components

Ref.	Part number	Component	Discard Time	MRBR Task ID	Applicability	Effectivity
DT56-03	8G9500L00151 8G9500L00251 (Notes 14 and 16)	Cockpit doors emergency exit window pull tabs	2 years from installation date	561000M-04	GBA, GER, KBA	All
DT56-04	8G9500L00151 8G9500L00251 (Notes 14 and 17)	Cabin doors emergency exit window pull tabs	2 years from installation date	562000M-04	GBA, GER, KBA	All
DT62-01	4G6220V00151	Main rotor slip ring	3000 FH	300200M-05	GBA, GER	K134
DT63-01	3G6351V00551	Rotor brake disc	Every two puck replacements or emergency braking application	635100M-02	GBA, GER, KBA	All
DT64-01	4F6430V00551	Tail rotor duplex bearing	2400 FH	643000M-13	GBA, GER, KBA	All
DT64-02	Deleted					
DT64-03	Deleted					
DT71-01	138300-101 138350-101	Engine inlet barrier filter	After 15 cleaning cycles	N/A	GBA, GER	K136
DT73-01	Note 4	Engine fuel filter element	1600 FH	731000M-03	GBA, GER	All
DT79-01	Note 4	Engine oil filter element	1600 FH	791000M-02	GBA, GER	All
DT79-02	Note 19	Element oil filter element	800 FH	791001M-01	KBA	All
DT95-01	Deleted					
DT95-02	Deleted					
DT95-03	Deleted					
DT95-04	Deleted					
DT95-05	Deleted					
DT95-06	P-F20012	Pressure vessels (2 off)	15 years from manufacture date (Note 9)	956100M-06	GBA, GER, KBA	K007, K086
DT95-07	311833A	Life raft survival kit life limited items (2 off)	At expiration date labels (Note 10)	956200M-04	GBA, GER, KBA	K005
DT95-08	A01477	Life raft ELT battery pack (2 off)	5 years from manufacture date (Note 10)	956200M-10	GBA, GER, KBA	K005
DT95-09	311413A	Life raft inflation system cylinder (2 off)	15 years from manufacture date (Note 10)	956200M-11	GBA, GER, KBA	K005
DT95-10	11051009	Life raft light battery pack	5 years from manufacture date	956200M-13	GBA, GER, KBA	K005

Note

- 1 This component is part of the crash position indicator beacon P/N 503-16GPS. Refer to this next higher assembly for scheduled replacement of battery.
- 2 Deleted
- 3 Refer to APU maintenance manual ML 1 & 2 e-APU 60 Model 342 DT 13-01.
- 4 Refer to engine maintenance manual CT7-2, GEK 114154.
- 5 Deleted.
- 6 Deleted.
- 7 Deleted.
- 8 Deleted.
- 9 This component is part of the inflation system P/N 8G9560V01751.
- 10 This component is part of the left life raft assembly P/N 8G2560V00131 and right life raft assembly P/N 8G2560V00231.
- 11 Part of hoist assembly P/N 8G2591V00331 (single hoist system) and hoist assembly P/N 8G2591V01131 (double hoist system).
- 12 Deleted.
- 13 Part of emergency light power supply P/N 4F3350V00251.
- 14 Not applicable to components with part number different from the one indicated.
- 15 Deleted.
- 16 DT56-01 and DT56-03 should be accomplished at the same time.
- 17 DT56-02 and DT56-04 should be accomplished at the same time.
- 18 Task DT25-04 must be done in conjunction with the task 25-19 accomplishment.
- 19 Refer to Safran Aneto-1k Engine maintenance manual X046 1K 460 2.

Maintenance tasks overview - General

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Table 1 References

Data Module	Title
89-A-00-00-00-00A-018A-P	Maintenance planning information publication - Introduction
89-A-00-00-00-00A-02AA-A	Helicopter - List of optional systems/installations
89-A-05-11-00-00A-028E-P	Permitted inspection/task interval tolerances - General
89-A-10-33-00-00A-028A-A	Long term storage - General
89-A-12-11-08-00A-218A-A	Number 1 power control module - Fill with other liquid

Table 1 References

Data Module	Title
89-A-12-11-09-00A-218A-A	Number 2 power control module - Fill with other liquid
89-A-12-12-09-00A-228A-A	Number 2 power control module - Drain other liquids
89-A-12-12-10-00A-228A-A	Number 1 power control module - Drain other liquids
89-A-12-13-04-00A-292A-A	Main gearbox - Change of oil
89-A-12-13-05-00A-292A-A	Intermediate gearbox - Change of oil
89-A-12-13-06-00A-292A-A	Tail gearbox - Change of oil
89-A-12-13-07-00A-292A-A	Single rescue hoist - Change of oil
89-A-12-13-09-00A-292A-A	Double rescue hoist - Change of oil
89-A-12-20-05-00A-242A-A	Nose gear - Grease
89-A-12-20-06-00A-242A-A	Main gear - Grease
89-A-12-20-07-00A-242A-A	Swashplate duplex bearing - Grease
89-A-12-20-08-00A-242A-B	Nose and main wheel bearings - Grease
89-A-12-20-09-00A-292A-B	Shock absorber (Nose landing gear) - Change of oil
89-A-12-20-09-00A-362A-A	Shock strut (Nose landing gear) - Pressure check
89-A-12-20-10-00A-292A-B	Shock absorber (Main landing gear) - Change of oil
89-A-12-20-10-00A-362A-A	Shock absorber (Main landing gear) - Pressure check
89-A-12-20-11-00A-226A-A	Life raft containers - Drain water
89-A-18-10-02-00A-373A-A	Tail rotor - Tracking check
89-A-18-31-00-00A-369A-A	Active Vibration Control System (AVCS) kit - System identification - Other check
89-A-18-31-00-03A-31AA-A	Active Vibration Control System (AVCS) kit - Circular force generator (CFG) - Detailed inspection
89-A-18-61-02-00A-31AA-A	Forward right vibration absorber group - Detailed inspection
89-A-18-63-00-00A-310A-A	Passive vibration absorber installation kit - Aft vibration absorbers - General visual inspection
89-A-18-64-00-00A-31AA-A	Mast vibration absorber installation kit - Detailed inspection
89-A-18-64-00-01A-31AA-A	Mast vibration absorber installation kit - Retainer cap nuts - Detailed inspection
89-A-20-80-00-00A-310A-A	Zonal inspection - External airframe - General visual inspection

Table 1 References

Data Module	Title
89-A-20-80-00-00A-31AA-A	Zonal inspection - External airframe - Detailed inspection
89-A-20-81-00-01A-310A-A	Fuselage zone - Nose - General visual inspection
89-A-20-81-00-02B-310A-A	Fuselage zone - Fuel compartment - General visual inspection
89-A-20-81-00-02C-310A-A	Fuselage zone - Fuel compartment - General visual inspection
89-A-20-81-00-02D-310A-A	Fuselage zone - Fuel compartment - General visual inspection
89-A-20-81-00-02E-310A-A	Fuselage zone - Fuel compartment - General visual inspection
89-A-20-81-00-02F-310A-A	Fuselage zone - Fuel compartment - General visual inspection
89-A-20-81-00-03A-310A-A	Fuselage zone - Cabin roof and upper fuselage - General visual inspection
89-A-20-81-00-03A-31AA-A	Fuselage zone - Cabin roof and upper fuselage - Detailed inspection
89-A-20-81-00-03B-310A-A	Fuselage zone - Cabin roof and upper fuselage - General visual inspection
89-A-20-81-00-04A-310A-A	Fuselage zone - Cockpit area - General visual inspection
89-A-20-81-00-04B-310A-A	Fuselage zone - Cockpit area - General visual inspection
89-A-20-81-00-05A-310A-A	Fuselage zone - Rear fuselage - General visual inspection
89-A-20-81-00-05B-310A-A	Fuselage zone - Rear fuselage - General visual inspection
89-A-20-81-00-06A-310A-A	Fuselage zone - Cabin floor and doors - General visual inspection
89-A-20-81-00-06A-31AA-A	Fuselage zone - Cabin floor and doors - Detailed inspection
89-A-20-81-00-07A-31AA-A	Fuselage zone - Lightning diverter installation - Detailed inspection
89-A-20-81-00-08A-310A-A	Fuselage zone - Main landing gear sponson and compartment - General visual inspection
89-A-20-81-00-09A-310A-A	Fuselage zone - Lower forward fuselage - General visual inspection
89-A-20-81-00-09B-310A-A	Fuselage zone - Lower forward fuselage - General visual inspection
89-A-20-81-00-09C-310A-A	Fuselage zone - Lower forward fuselage - General visual inspection

Table 1 References

Data Module	Title
89-A-20-81-00-10A-310A-A	Fuselage zone - Cabin bottom compartment - General visual inspection
89-A-20-81-00-10B-310A-A	Fuselage zone - Cabin bottom compartment - General visual inspection
89-A-20-81-00-10C-310A-A	Fuselage zone - Cabin bottom compartment - General visual inspection
89-A-20-81-00-11A-310A-A	Fuselage zone - Cabin area and doors - General visual inspection
89-A-20-81-00-12A-310A-A	Fuselage zone - Rescue hoist area - General visual inspection
89-A-20-81-00-13A-310A-A	Fuselage zone - Cargo hook compartment - General visual inspection
89-A-20-81-00-14A-310A-A	Fuselage zone - Cabin lateral compartments - General visual inspection
89-A-20-81-00-14B-310A-A	Fuselage zone - Cabin lateral compartments - General visual inspection
89-A-20-81-00-15A-310A-A	Fuselage zone - Cabin underbelly compartment - General visual inspection
89-A-20-81-00-16A-310A-A	Fuselage zone - Interseat console area - General visual inspection
89-A-20-81-00-17A-31AA-A	Fuselage zone - Ice detector probe areas - Detailed inspection
89-A-20-82-00-01A-310A-A	Power plant, transmission and rotors zone - Main rotor - General visual inspection
89-A-20-82-00-02A-310A-A	Power plant, transmission and rotors zone - Tail rotor - General visual inspection
89-A-20-82-00-03A-310A-A	Power plant, transmission and rotors zone - Upper deck - General visual inspection
89-A-20-82-00-04A-310A-A	Power plant, transmission and rotors zone - Drive shaft - General visual inspection
89-A-20-82-00-05A-31BA-A	Power plant, transmission and rotors zone - APU lower compartment - Special detailed inspection
89-A-20-82-00-06A-310A-A	Power plant, transmission and rotors zone - Engine and exhaust compartments - General visual inspection
89-A-20-82-00-07A-31AA-A	Power plant, transmission and rotors zone - Forward fairing compartment - Detailed inspection
89-A-20-82-00-08A-310A-A	Power plant, transmission and rotors zone - Engine air intake compartments - General visual inspection
89-A-20-82-00-09A-31AA-A	Power plant, transmission and rotors zone - FIPS electrical cables - Detailed inspection

Table 1 References

Data Module	Title
89-A-20-83-00-01A-310A-A	Landing gears zone - Nose landing gear - General visual inspection
89-A-20-83-00-01B-310A-A	Landing gears zone - Nose landing gear - General visual inspection
89-A-20-83-00-02A-310A-A	Landing gears zone - Nose and main landing gear - General visual inspection
89-A-20-83-00-04A-310A-A	Landing gear zone - Lower forward fuselage and nose landing gear compartment - General visual inspection
89-A-20-84-00-01A-310A-A	Tail unit - Drive shaft, tail cone and pylon - General visual inspection
89-A-21-23-19-00A-310A-A	Right top cabin cooling duct - General visual inspection
89-A-21-40-00-01A-320A-A	Heating system - Shutoff valves in OEI condition - Operation test
89-A-21-40-00-02A-320A-A	Heating system - Shutoff valve in OEI condition - Operation test
89-A-21-40-18-00A-340A-B	Temperature switch - Function test
89-A-23-16-03-01A-31AA-B	Battery (transceiver) - Detailed inspection
89-A-23-31-00-00A-31AA-A	Cabin in-flight entertainment system (IES) kit - Cabin displays - Detailed inspection
89-A-23-51-00-00B-320A-A	Audio integrating system - Cockpit manual emergency mode - Operation test
89-A-24-21-00-00A-310A-A	AC main generation - AC generators - General visual inspection
89-A-24-21-00-02A-320A-A	AC main generation - Differential feeder measurement - Operation test
89-A-24-21-00-02A-361A-B	AC main generators - AC generators shaft - Dimensions check
89-A-24-21-10-01A-310A-A	Quick attachment device (Auxiliary power unit generator) - General visual inspection
89-A-24-30-00-00A-320A-A	DC generation - Operation test
89-A-24-30-00-00A-340A-A	DC generation - Emergency bus - Function test
89-A-24-31-00-02A-320A-A	DC main generation system - Overcurrent trip function - Operation test
89-A-24-32-01-00A-200A-B	Main battery (17 Ah) - Servicing
89-A-24-32-01-01A-340A-B	Temperature sensor (main battery 17 Ah) - Function test
89-A-24-33-01-00A-200A-B	Emergency power supply - Servicing
89-A-24-33-01-00A-320A-A	Emergency power supply - Operation test

Table 1 References

Data Module	Title
89-A-24-52-00-00A-320A-A	Cabin utility receptacle installation kit - Operation test
89-A-24-81-00-01A-320A-A	SSEPMS - Bus tie contactors - Operation test
89-A-25-00-00-01A-31AA-A	Equipment/furnishings - Cockpit and cabin seats - Detailed inspection
89-A-25-11-00-00A-31AA-A	Cockpit seat installation - Detailed inspection
89-A-25-20-00-00A-31AA-A	Passengers compartment - Cabin seats - Detailed inspection
89-A-25-25-00-01A-31AA-A	Cabin seat installation - 4-seats configuration - Seat belts - Detailed inspection
89-A-25-25-00-02A-340A-A	Cabin seat installation - 4-seats configuration - Energy absorbing device - Function test
89-A-25-25-00-03A-31AA-A	Cabin seat installation - 4-seats configuration - Foldable seats and tracks - Detailed inspection
89-A-25-29-00-01A-31AA-A	Aft row seat installation kit - Aft row cabin seats - Detailed inspection
89-A-25-29-00-02A-31AA-A	Aft row seat installation kit - Seat structures - Detailed inspection
89-A-25-31-01-00A-310A-A	Ceiling handle - General visual inspection
89-A-25-35-01-00A-310A-A	Ceiling rings - General visual inspection
89-A-25-51-01-00A-31AA-B	Cargo net - Detailed inspection
89-A-25-54-00-00A-31AA-A	Stowage compartment installation kit - Detailed inspection
89-A-25-54-01-00A-31AA-B	Cargo net - Detailed inspection
89-A-25-55-00-01A-310A-A	Heavy duty (HD) baggage compartment kit - Barrier panels - General visual inspection
89-A-25-55-00-02A-31AA-B	Heavy duty (HD) baggage compartment kit - Cargo nets - Detailed inspection
89-A-25-61-01-01A-320A-A	ELT unit - G switch - Operation test
89-A-25-61-04-00A-921A-B	ELT unit - Battery pack - Replacement (remove and install a new item)
89-A-25-62-00-00A-320A-A	Automatic deployable emergency locator transmitter (ADELT) kit - Operation test
89-A-25-62-00-01A-31AA-A	Automatic deployable emergency locator transmitter (ADELT) kit - Beacon and beacon release unit - Detailed inspection
89-A-25-62-01-00A-340A-B	ADELT control panel - Function test
89-A-25-62-02-00A-31AA-A	System interface unit - Detailed inspection
89-A-25-62-03-00A-31AA-A	Water activated switch - Detailed inspection
89-A-25-62-03-00A-320A-A	Water activated switch - Operation test

Table 1 References

Data Module	Title
89-A-25-62-05-00A-520A-A	Beacon release unit - Remove procedure
89-A-25-62-05-00A-720A-A	Beacon release unit - Install procedure
89-A-25-62-06-00A-520A-A	Beacon - Remove procedure
89-A-25-62-06-00A-720A-A	Beacon - Install procedure
89-A-25-63-00-01A-320A-A	Life raft installation kit - Life raft control cables - Operation test
89-A-25-63-09-01A-31AA-B	Life raft (life raft container) - Detailed inspection
89-A-25-63-09-01A-340A-B	Life raft (life raft container) - Function test
89-A-25-63-09-01B-31AA-B	Life raft (life raft container) - Survival kit and emergency light - Detailed inspection
89-A-25-63-10-00A-343A-B	Personal locator beacon (left/right) - BIT operation (crew)
89-A-25-64-01-00A-31AA-A	First aid kit - Detailed inspection
89-A-25-65-01-00A-310A-A	Cable cutter - General visual inspection
89-A-25-65-05-00A-240A-B	Cable cutter (axelcut) - Lubrication
89-A-25-66-00-00A-31AA-A	Life jacket installation - Detailed inspection
89-A-25-67-00-00A-310A-A	Upper wire strike protection system kit - General visual inspection
89-A-25-68-00-00A-31AA-A	Safety hook installation - Detailed inspection
89-A-25-68-00-00B-31AA-A	Safety hook installation - Detailed inspection
89-A-25-69-01-00A-340A-A	Underwater acoustic beacon - Function test
89-A-25-83-00-00A-310A-A	Aft fuselage lining installation - General visual inspection
89-A-25-83-00-00A-31AA-B	Aft fuselage lining installation - Detailed inspection
89-A-25-85-00-00A-310A-A	Seatray installation - General visual inspection
89-A-25-85-00-00A-31AA-A	Seatray installation - Detailed inspection
89-A-25-90-00-01A-310A-B	Aerial delivery - Whinchman harness - General visual inspection
89-A-25-90-00-02A-310A-B	Aerial delivery - Operator harness and tether - General visual inspection
89-A-25-91-00-00B-320A-A	Single rescue hoist system kit - Limit and deceleration switches - Operation test
89-A-25-91-00-00C-320A-A	Single rescue hoist system kit - Cable cutter circuit - Operation test
89-A-25-91-00-00E-320A-A	Single rescue hoist system kit - Cable anti-foul actuator - Operation test
89-A-25-91-00-02A-31AA-A	Single rescue hoist system kit - Hoist assembly and anchor bolts - Detailed inspection

Table 1 References

Data Module	Title
89-A-25-91-00-03A-31AA-A	Single rescue hoist system kit - Hoist mount and mounting plate - Detailed inspection
89-A-25-91-00-05A-31AA-A	Single rescue hoist system kit - Hoist cable path - Detailed inspection
89-A-25-91-00-07A-258A-A	Single rescue hoist system kit - Hoist cable and hook assembly - Other procedure to clean
89-A-25-91-01-00A-311A-A	Single rescue hoist assembly - Oil level - Visual check
89-A-25-91-01-06A-241A-A	Hoist cable - Oil
89-A-25-91-01-06A-310A-A	Hoist cable - General visual inspection
89-A-25-91-01-06A-361A-A	Hoist cable - Dimensions check
89-A-25-91-01-07A-31AB-A	Hook assembly - Detailed inspection
89-A-25-91-03-00A-31AA-A	Hoist tube - Detailed inspection
89-A-25-92-00-01A-31AA-A	Cargo hook system kit - Bonding cable and electrical connectors - Detailed inspection
89-A-25-92-00-02A-320A-A	Cargo hook system kit - Emergency release function - Operation test
89-A-25-92-00-03A-320A-A	Cargo hook system kit - Relatch mechanism - Operation test
89-A-25-92-01-00A-310A-A	Cargo hook - General visual inspection
89-A-25-93-00-00A-311A-A	Double rescue hoist system kit - Oil level - Visual check
89-A-25-93-00-00B-320A-A	Double rescue hoist system kit - Limit and deceleration switches - Operation test
89-A-25-93-00-00C-320A-A	Double rescue hoist system kit - Cable cutter circuit - Operation test
89-A-25-93-00-00D-320A-A	Double rescue hoist system kit - Cable anti-foul actuator - Operation test
89-A-25-93-00-01A-31AA-A	Double rescue hoist system kit - Hoist assemblies and anchor bolts - Detailed inspection
89-A-25-93-00-02A-241A-A	Double rescue hoist system kit - Hoist cables - Oil
89-A-25-93-00-02A-310B-A	Double rescue hoist system kit - Hoist cables - General visual inspection
89-A-25-93-00-02A-361A-A	Double rescue hoist system kit - Hoist cables - Dimensions check
89-A-25-93-00-03A-31AA-A	Double rescue hoist system kit - Hook assemblies - Detailed inspection
89-A-25-93-00-06A-31AA-A	Double rescue hoist system kit - Fitting post and dowel and anchor bolts - Detailed inspection
89-A-25-93-00-08A-31AA-A	Double rescue hoist system kit - Hoist mount and mounting plate - Detailed inspection

Table 1 References

Data Module	Title
89-A-25-93-00-09A-31AA-A	Double rescue hoist system kit - Hoist cables path - Detailed inspection
89-A-25-93-00-10A-258A-A	Double rescue hoist system kit - Hoist cables and hook assemblies - Other procedure to clean
89-A-25-93-00-11A-320A-A	Double rescue hoist system kit - Power supply switching function - Operation test
89-A-25-93-20-00A-320A-A	Smart modules - Operation test
89-A-25-93-20-00A-369A-A	Smart modules - Other check
89-A-26-10-00-00B-320A-A	Detection - Operation test
89-A-26-11-01-00A-31AA-A	Number 1 engine sensing element - Detailed inspection
89-A-26-12-01-00A-31AA-A	Number 2 engine sensing element - Detailed inspection
89-A-26-13-00-00A-320A-A	Baggage compartment smoke detection system - Operation test
89-A-26-14-01-00A-31AA-A	APU sensing element - Detailed inspection
89-A-26-20-00-00A-310A-A	Extinguishing - Bottle brackets - General visual inspection
89-A-26-20-00-00A-320A-A	Extinguishing - Distribution tubes - Operation test
89-A-26-20-00-01A-31AA-A	Extinguishing - Extinguishing bottles - Detailed inspection
89-A-26-20-00-01A-320A-A	Extinguishing - Extinguishing bottles - Operation test
89-A-26-21-00-00A-320A-A	Number 1 fire extinguishing installation - Operation test
89-A-26-21-01-02A-320A-A	Temperature compensated pressure switch (Number 1 fire extinguishing bottle) - Operation test
89-A-26-21-02-00A-320A-A	Number 1 tee check valve - Operation test
89-A-26-22-00-00A-320A-A	Number 2 fire extinguishing installation - Operation test
89-A-26-22-01-02A-320A-A	Temperature compensated pressure switch (Number 2 fire extinguishing bottle) - Operation test
89-A-26-22-02-00A-320A-A	Number 2 tee check valve - Operation test
89-A-26-23-00-00A-320A-A	Auxiliary power unit (APU) fire extinguishing installation - Operation test
89-A-26-23-01-02A-320A-A	Temperature compensated pressure switch (APU fire extinguishing bottle) - Operation test
89-A-26-24-00-00A-311A-A	Portable fire extinguisher installation - Visual check

Table 1 References

Data Module	Title
89-A-26-24-00-00A-31AA-A	Portable fire extinguisher installation - Detailed inspection
89-A-26-24-00-00A-340A-A	Portable fire extinguisher installation - Function test
89-A-28-10-00-01A-311A-A	Storage - Fuel tanks - Visual check
89-A-28-11-00-01A-310A-A	Fuel tank installation - Sump flanges - General visual inspection
89-A-28-11-16-00A-310A-A	Filler cap - General visual inspection
89-A-28-14-00-00A-310A-A	Fuel vent installation - General visual inspection
89-A-28-14-00-00A-31AA-B	Fuel vent installation - Flame arrestors - Detailed inspection
89-A-28-21-07-02A-320A-A	Crossfeed shut-off valve actuator (Number 2 Manifold) - Operation test
89-A-29-10-00-00A-311A-A	Main hydraulic system - Power control modules - Visual check
89-A-29-10-00-00A-340A-A	Main hydraulic system - Power control modules - Function test
89-A-29-11-01-00A-320C-A	Number 1 power control module - Flight control shutoff valve - Operation test
89-A-29-11-01-00A-320D-A	Number 1 power control module - Utility shutoff valve - Operation test
89-A-29-11-01-00A-320E-A	Number 1 power control module - Hydraulic valves - Operation test
89-A-29-12-01-00A-320C-A	Number 2 power control module - Flight control shutoff valve - Operation test
89-A-29-12-01-00A-320D-A	Number 2 power control module - Utility shutoff valve - Operation test
89-A-29-12-01-00A-320E-A	Number 2 power control module - Hydraulic valves - Operation test
89-A-29-12-04-00A-320A-A	Tail shutoff valve - Operation test
89-A-30-21-00-00A-320A-A	Air intakes ice protection system - Operation test
89-A-30-21-06-00A-31AA-A	Support plate and shock absorbers - Detailed inspection
89-A-30-31-00-01A-320A-A	Pitot tube heating system - Heater activation capability - Operation test
89-A-30-42-00-00A-310A-A	Windshield wiping/washing system kit - General visual inspection
89-A-30-63-00-01A-31AA-B	FIPS - Ice detection system - Ice detector probe - Detailed inspection
89-A-30-71-00-01A-31AA-B	LIPS - Ice detector probes - Detailed inspection
89-A-31-11-05-00A-31AA-A	Instrument panel - Detailed inspection

Table 1 References

Data Module	Title
89-A-31-11-05-00A-31AB-A	Instrument panel - Detailed inspection
89-A-31-22-01-00A-310A-A	Magnetic compass - General visual inspection
89-A-31-31-00-00A-320A-A	Combined Voice and Flight Data Recorder (CVFDR) system - Operation test
89-A-31-31-00-00A-320B-A	Combined Voice and Flight Data Recorder (CVFDR) system - Operation test
89-A-31-31-00-00A-340A-A	Combined Voice and Flight Data Recorder (CVFDR) system - Function test
89-A-31-31-00-00A-340B-A	Combined Voice and Flight Data Recorder (CVFDR) system - Function test
89-A-31-31-04-00A-340A-A	Recorder Independent Power Supply (RIPS) - Function test
89-A-31-31-05-00A-340A-A	Underwater locator beacon - Function test
89-A-32-00-00-01A-31AA-A	Landing gear - Wheel axle - Detailed inspection
89-A-32-10-00-00A-31AA-A	Main gear and doors - Main landing gears - Detailed inspection
89-A-32-10-00-00B-31AA-A	Main gear and doors - Components - Detailed inspection
89-A-32-10-00-00B-31AB-A	Main gear and doors - Components - Detailed inspection
89-A-32-21-00-00A-31AA-A	Nose landing gear installation - Detailed inspection
89-A-32-21-00-00B-31AA-A	Nose landing gear installation - Components - Detailed inspection
89-A-32-21-00-00B-31AB-A	Nose landing gear installation - Components - Detailed inspection
89-A-32-21-01-01B-310A-A	Nose landing gear strut - Shear plate - General visual inspection
89-A-32-31-00-00A-310A-A	Extension and retraction system - Landing gear actuators - General visual inspection
89-A-32-31-00-00A-320A-A	Extension and retraction system - Emergency extension circuit - Operation test
89-A-32-31-00-00A-340A-A	Extension and retraction system - Function test
89-A-32-31-01-00A-320A-A	Landing gear control panel - Operation test
89-A-32-31-02-00A-310A-A	Landing gear control valve - General visual inspection
89-A-32-41-00-01A-31AA-B	Nose and main wheels - Bearings - Detailed inspection
89-A-32-41-00-03A-31AA-B	Nose and main wheels - Wheel halves - Detailed inspection

Table 1 References

Data Module	Title
89-A-32-42-00-00A-31AA-A	Wheel brake system - Wheel brake wear indicator pins - Detailed inspection
89-A-33-11-00-00B-320A-A	Cockpit lighting system - Storm lights - Operation test
89-A-33-44-00-01A-320A-A	Steerable landing light system - Extension and switch-on capability - Operation test
89-A-33-47-01-00A-31AA-A	Search light assembly - Detailed inspection
89-A-33-47-01-00A-369A-A	Search light assembly - Bonding check - Other check
89-A-33-47-01-03A-31AA-A	Drain holes (search light assembly) - Detailed inspection
89-A-33-47-02-00A-31AA-B	Search light mount - Detailed inspection
89-A-33-51-00-00A-320A-A	Emergency lighting system - Operation test
89-A-33-51-00-00B-320A-A	Emergency lighting system - Automatic mode - Operation test
89-A-33-51-00-00C-320A-A	Emergency lighting system - Cabin push-button - Operation test
89-A-33-51-01-00A-320A-A	Electrical power supply unit - Operation test
89-A-33-52-00-00A-320A-A	Helicopter emergency exit lighting system (HEELS) kit - Operation test
89-A-33-54-00-00A-320A-A	Helicopter emergency exit lighting system (HEELS) kit - Operation test
89-A-33-67-00-00A-320A-A	Night vision image system (NVIS) system kit - Operation test
89-A-34-11-00-00A-226A-A	Pitot and static system - Drain water
89-A-34-11-00-00B-310A-B	Pitot and static system - Alternate static source valves - General visual inspection
89-A-34-11-00-01A-31AA-A	Pitot and static system - Support and cover - Detailed inspection
89-A-34-32-02-00A-365A-A	Fairing - Continuity check
89-A-46-21-00-01A-320A-A	Aircraft mission management system - Reversionary function - Operation test
89-A-46-31-00-02A-320A-A	Cockpit display system - Manual reversion capability - Operation test
89-A-46-31-00-03A-320A-A	Cockpit display system - ADS reversion capability - Operation test
89-A-46-31-00-04A-320A-A	Cockpit display system - AHRS reversion capability - Operation test
89-A-49-11-01-00A-31AA-B	Auxiliary power unit - Spherical bearings - Detailed inspection

Table 1 References

Data Module	Title
89-A-49-11-01-00B-31AA-A	Auxiliary power unit - Spherical bearings - Detailed inspection
89-A-49-11-01-00C-31AA-A	Auxiliary power unit - Mounts and spherical bearings - Detailed inspection
89-A-49-11-01-00D-31AA-A	Auxiliary power unit - Plenum - Detailed inspection
89-A-49-11-01-00E-310A-A	Auxiliary power unit - Air cooled oil cooler duct - General visual inspection
89-A-49-11-01-00F-320A-A	Auxiliary power unit - Plenum drain - Operation test
89-A-49-20-00-00A-251A-A	Engine (APU) - Clean with chemical agent
89-A-49-51-00-01A-31AA-A	APU Inlet Barrier Filter (IBF) system kit - Inlet barrier filters - Detailed inspection
89-A-49-51-00-02A-340A-A	APU Inlet Barrier Filter (IBF) system kit - Bypass mechanism - Function test
89-A-49-51-00-03A-31AA-A	APU Inlet Barrier Filter (IBF) system kit - Components - Detailed inspection
89-A-49-51-01-01A-340A-A	Pressure transducer (inlet barrier filter) - Function test
89-A-50-11-00-00A-31AA-B	Baggage compartment boxes (BCB) installation kit - Detailed inspection
89-A-52-11-00-01A-31AA-A	Cockpit door installation - Hinges - Detailed inspection
89-A-52-11-00-02A-31AA-A	Cockpit door installation - Locking mechanism - Detailed inspection
89-A-52-11-00-03A-31AA-A	Cockpit door installation - Bottom hinges - Detailed inspection
89-A-52-12-00-01A-31AA-A	Cabin door installation - Handle and locking mechanism - Detailed inspection
89-A-52-12-00-02A-31AA-A	Cabin door installation - Trolleys and roller bearings - Detailed inspection
89-A-52-12-00-03A-31AA-A	Cabin door installation - Trolleys and locking pin - Detailed inspection
89-A-52-13-00-01A-31AA-A	Hinged cabin door installation kit - Handles and locking mechanism - Detailed inspection
89-A-52-64-00-00A-310A-A	Cabin foldable footstep system kit - General visual inspection
89-A-52-70-00-00A-320A-A	Door warning - Operation test
89-A-52-81-00-00A-31AA-A	Nose landing gear doors installation kit - Detailed inspection
89-A-53-10-00-00A-31AA-A	Forward section - Upper panel at WL 2670 - Detailed inspection
89-A-53-10-00-00A-31AB-A	Forward section - Upper panel at WL 2670 - Detailed inspection

Table 1 References

Data Module	Title
89-A-53-10-00-00B-31AA-A	Forward section - Left/right frame at STA 5700 - Detailed inspection
89-A-53-10-00-00C-31AA-A	Forward section - Lower surface panels - Detailed inspection
89-A-53-10-00-00D-310A-A	Forward section - Interseat panel - General visual inspection
89-A-53-10-00-00D-31AA-A	Forward section - Interseat panel - Detailed inspection
89-A-53-10-00-00J-31AB-A	Forward section - Left/right frame at STA 5700 - Detailed inspection
89-A-53-10-00-00L-31AB-B	Forward section - Main landing gear attachments - Detailed inspection
89-A-53-10-00-00P-31AA-A	Forward section - Main landing gear fitting anchor bolts - Detailed inspection
89-A-53-10-00-00P-340A-A	Forward section - Main landing gear fitting anchor bolts - Function test
89-A-53-10-00-00Q-31AA-A	Forward section - Cabin lower structure - Detailed inspection
89-A-53-10-00-00Q-31AB-A	Forward section - Cabin lower structure - Detailed inspection
89-A-53-10-00-00R-31AA-A	Forward section - Longerons and engine support structure - Detailed inspection
89-A-53-10-00-00S-31AA-A	Forward section - Baggage underfloor bulkheads - Detailed inspection
89-A-53-10-00-00T-31AA-A	Forward section - Cockpit lower structure - Detailed inspection
89-A-53-10-00-00T-31AB-A	Forward section - Cockpit lower structure - Detailed inspection
89-A-53-10-00-00U-31AA-A	Forward section - Cockpit floor panel at WL 1050 - Detailed inspection
89-A-53-10-00-00V-31AA-A	Forward section - Longerons at BL 550 and antitorque fittings - Detailed inspection
89-A-53-10-00-00W-31AA-A	Forward section - Cockpit and underbelly lower panel - Detailed inspection
89-A-53-10-00-00X-31AA-A	Forward section - Cabin floor panels - Detailed inspection
89-A-53-10-00-02A-31AA-A	Forward section - Sidewalls and longerons - Detailed inspection
89-A-53-10-00-04A-31AA-A	Forward section - Upper and lower surfaces - Detailed inspection
89-A-53-10-00-05A-31AA-A	Forward section - Supports at STA 5700 and upper frame - Detailed inspection

Table 1 References

Data Module	Title
89-A-53-10-00-06A-31AA-A	Forward section - Frame at STA 8700, sidewalls and longerons - Detailed inspection
89-A-53-40-00-00A-340A-A	Tail section - Tail rear fuselage attachment fittings - Function test
89-A-53-40-00-00B-31AA-A	Tail section - Fin spars to sidewall joints - Detailed inspection
89-A-53-40-00-00C-31AA-A	Tail section - Sidewalls and longerons - Detailed inspection
89-A-53-40-00-00H-31AA-A	Tail section - Detailed inspection
89-A-53-40-00-00I-31AA-A	Tail section - Sidewalls and longerons - Detailed inspection
89-A-55-11-00-00B-31AA-A	Horizontal stabilizer installation - Tail plane, fittings and rods - Detailed inspection
89-A-55-11-01-00A-100A-B	Tail plane - Weigh procedure - Operation
89-A-55-11-01-00A-320A-A	Tail plane - Operation test
89-A-56-00-00-00A-310A-B	Windows and canopies - Emergency release straps - General visual inspection
89-A-56-22-00-01A-320A-A	Fuselage compartment bubble window installation kit - Emergency release mechanism - Operation test
89-A-62-11-00-01A-31AA-A	Main rotor blade installation - Lightning conductor strip - Detailed inspection
89-A-62-11-01-00A-31AA-B	Main rotor blade - Detailed inspection
89-A-62-11-01-00A-31AB-B	Main rotor blade - Detailed inspection
89-A-62-11-01-00A-365A-A	Main rotor blade - Continuity check
89-A-62-11-01-00B-310A-A	Main rotor blade - General visual inspection
89-A-62-21-00-00A-340A-A	Main rotor head installation - Retaining bolts - Function test
89-A-62-21-00-00A-340B-A	Main rotor head installation - Retaining bolts - Function test
89-A-62-21-01-00A-31AA-B	Beanie - Detailed inspection
89-A-62-21-03-00A-31AA-A	Top conical ring - Detailed inspection
89-A-62-22-00-00A-310A-A	Main rotor head - General visual inspection
89-A-62-22-00-01A-31AA-A	Main rotor head - Components - Detailed inspection
89-A-62-22-00-01A-31AA-B	Main rotor head - Components - Detailed inspection
89-A-62-22-00-02A-340A-A	Main rotor head - Lag dampers - Function test
89-A-62-22-00-03A-31AA-A	Main rotor head - Elastomeric bearings - Detailed inspection

Table 1 References

Data Module	Title
89-A-62-22-00-04A-31AB-B	Main rotor head - Main rotor hub - Detailed inspection
89-A-62-22-00-05A-31AA-A	Main rotor head - Tension links and elastomeric bearings - Detailed inspection
89-A-62-22-03-00A-311A-A	Lag damper - Hydraulic fluid level - Visual check
89-A-62-22-03-02A-31AA-A	Lag damper - Bearings - Detailed inspection
89-A-62-22-03-02A-340A-A	Lag damper - Bearings - Function test
89-A-62-22-05-00A-320A-A	Flapping limiter - Operation test
89-A-62-22-06-00A-340A-A	Flapping limiter support - Retaining bolts - Function test
89-A-62-22-08-00A-31AA-A	Anti-rotation block - Detailed inspection
89-A-62-22-14-00A-31AA-B	Blade bolt - Detailed inspection
89-A-62-22-16-00A-340A-A	Scissors attachment flange group - Retaining bolts - Function test
89-A-62-22-18-00A-310A-A	Sliding ring - General visual inspection
89-A-62-31-00-00A-310A-A	Rotating control installation - General visual inspection
89-A-62-31-00-00A-31AA-B	Rotating control installation - Detailed inspection
89-A-62-31-00-01A-31AA-A	Rotating control installation - Swashplate and rotating scissors - Detailed inspection
89-A-62-31-05-00A-31AA-A	Centering plate - Detailed inspection
89-A-62-31-06-00A-340A-B	Swashplate - Function test
89-A-62-31-06-00C-31AA-B	Swashplate - Detailed inspection
89-A-62-31-06-03A-31AA-A	Duplex bearing (swashplate) - Detailed inspection
89-A-63-10-00-00A-310A-A	Engine-gearbox couplings - Crosshead and gimbal - General visual inspection
89-A-63-10-00-00A-31AA-A	Engine-gearbox couplings - Crosshead and gimbal - Detailed inspection
89-A-63-10-00-01A-340A-A	Engine-gearbox couplings - Torque tubes - Function test
89-A-63-11-03-00A-720A-B	Number 1 drive shaft - Install procedure
89-A-63-12-03-00A-720A-B	Number 2 drive shaft - Install procedure
89-A-63-20-00-00A-281A-A	Main gearbox group - Scheduled inspections
89-A-63-20-00-00A-310A-A	Main gearbox group - General visual inspection
89-A-63-20-00-00A-310B-A	Main gearbox group - General visual inspection
89-A-63-20-00-00A-311A-A	Main gearbox group - Oil level - Visual check
89-A-63-20-00-00A-31AC-A	Main gearbox group - Attachment bolts - Detailed inspection
89-A-63-20-00-00A-31AD-A	Main gearbox group - Detailed inspection

Table 1 References

Data Module	Title
89-A-63-20-00-00A-31AE-A	Main gearbox group- Mast and main rotor hub splines - Detailed inspection
89-A-63-20-00-00A-31AF-A	Main gearbox group - Tail rotor drive adapter - Detailed inspection
89-A-63-20-00-00A-31AG-A	Main gearbox group - Fittings attachment bolts - Detailed inspection
89-A-63-20-00-00B-31AB-A	Main gearbox group - Anti-torque beam and attachment bolts - Detailed inspection
89-A-63-20-00-01A-310A-A	Main gearbox group - Mast - General visual inspection
89-A-63-20-00-01A-340A-A	Main gearbox group - Upper brackets - Function test
89-A-63-31-00-00A-31AA-A	Main gearbox mount installation - Detailed inspection
89-A-63-31-00-01A-31AA-A	Main gearbox mount installation - Rods and attaching parts - Detailed inspection
89-A-63-41-00-00A-31AA-A	Main gearbox indicating system - Chip detectors - Detailed inspection
89-A-63-41-00-00A-320A-A	Main gearbox indicating system - Chip detectors - Operation test
89-A-63-51-00-00A-310A-A	Rotor brake system - General visual inspection
89-A-63-51-05-01A-31AA-A	Pads - Rotor brake caliper - Detailed inspection
89-A-63-51-12-00A-31AA-B	Rotor brake disc cover - Detailed inspection
89-A-63-60-00-00A-320A-A	Drain lines - Fan duct - Operation test
89-A-64-00-00-00A-310A-A	Tail rotor - Tail rotor head and rotating controls installation - General visual inspection
89-A-64-00-00-00A-310B-A	Tail rotor - Tail rotor head and rotating controls - General visual inspection
89-A-64-11-00-00A-31AA-A	Tail rotor blade installation - Elastomeric bearings - Detailed inspection
89-A-64-11-00-00A-31AB-B	Tail rotor blade installation - Detailed inspection
89-A-64-11-00-01A-31AA-A	Tail rotor blade installation - Lightning conductor strip - Detailed inspection
89-A-64-11-01-00A-310A-A	Tail rotor blade assembly - General visual inspection
89-A-64-11-01-00A-31BA-B	Tail rotor blade assembly - Special detailed inspection
89-A-64-11-01-00A-365A-A	Tail rotor blade assembly - Continuity check
89-A-64-11-03-00A-340A-B	Elastomeric bearing - Function test
89-A-64-11-04-00A-31AA-B	Blade bolt assembly - Detailed inspection
89-A-64-21-00-00A-31AA-A	Tail rotor head installation - Detailed inspection

Table 1 References

Data Module	Title
89-A-64-21-00-00A-340A-A	Tail rotor head installation - Retaining bolts - Function test
89-A-64-21-00-00A-340B-A	Tail rotor head installation - Retaining bolts - Function test
89-A-64-21-00-01A-31AA-B	Tail rotor head installation - Components - Detailed inspection
89-A-64-21-00-02A-31AA-B	Tail rotor head installation - Tail rotor hub - Detailed inspection
89-A-64-21-02-00A-311A-A	Lag damper - Hydraulic fluid level - Visual check
89-A-64-21-02-00A-31AA-A	Lag damper - Detailed inspection
89-A-64-31-00-00A-31AA-A	Rotating control installation - Detailed inspection
89-A-64-31-00-00A-340A-A	Rotating control installation - Attachment bolts - Function test
89-A-64-31-00-01A-31AA-A	Rotating control installation - Duplex bearing - Detailed inspection
89-A-64-31-01-00A-31AA-A	Pitch link - Detailed inspection
89-A-64-31-02-00A-340A-A	Scissors group - Function test
89-A-64-31-04-00A-31AA-B	Spider and slider assembly - Detailed inspection
89-A-64-31-06-00A-340A-A	Slider bushing - Function test
89-A-65-11-00-00A-310A-A	Tail rotor drive shaft installation - Components - General visual inspection
89-A-65-11-00-00A-31AA-A	Tail rotor drive shaft installation - Components - Detailed inspection
89-A-65-11-00-00A-31AB-B	Tail rotor drive shaft installation - Drive shafts - Detailed inspection
89-A-65-11-00-00A-31AC-A	Tail rotor drive shaft installation - Components - Detailed inspection
89-A-65-11-00-00A-31AD-A	Tail rotor drive shaft installation - Detailed inspection
89-A-65-11-00-00A-340A-A	Tail rotor drive shaft installation - Components - Function test
89-A-65-11-00-01A-310A-A	Tail rotor drive shaft installation - Bearing supports - General visual inspection
89-A-65-11-00-01A-31AA-B	Tail rotor drive shaft installation - Bearing supports - Detailed inspection
89-A-65-11-13-00A-31AA-A	Number 1 bearing support - Detailed inspection
89-A-65-11-14-00A-31AA-A	Number 2 bearing support - Detailed inspection
89-A-65-20-00-00A-31AA-A	Gearboxes - Intermediate gearbox - Detailed inspection
89-A-65-20-00-00B-31AA-A	Gearboxes - Tail gearbox - Detailed inspection

Table 1 References

Data Module	Title
89-A-65-21-00-00A-311A-A	Intermediate gearbox installation - Oil level - Visual check
89-A-65-21-00-00A-31AA-A	Intermediate gearbox installation - Detailed inspection
89-A-65-21-00-00A-31AB-A	Intermediate gearbox installation - Detailed inspection
89-A-65-21-00-00B-31AA-A	Intermediate gearbox installation - Anchor bolts - Detailed inspection
89-A-65-21-00-00B-340A-A	Intermediate gearbox installation - Anchor bolts - Function test
89-A-65-21-01-00A-720A-A	Intermediate gearbox - Install procedure
89-A-65-21-01-01A-920A-A	Input sliding adaptor (intermediate gearbox) - Replacement
89-A-65-21-01-02A-920A-A	Output sliding adaptor (intermediate gearbox) - Replacement
89-A-65-22-00-00A-311A-A	Tail gearbox installation - Oil level - Visual check
89-A-65-22-00-00A-31AA-A	Tail gearbox installation - Detailed inspection
89-A-65-22-00-00A-31AB-A	Tail gearbox installation - Detailed inspection
89-A-65-22-00-00A-340A-A	Tail gearbox installation - Anchor nuts - Function test
89-A-65-22-01-00A-720A-A	Tail gearbox - Install procedure
89-A-65-42-00-00A-31AA-A	Intermediate gearbox indicating system - Chip detector - Detailed inspection
89-A-65-42-00-00A-320B-A	Intermediate gearbox indicating system - Chip detector - Operation test
89-A-65-42-01-00A-920A-A	Oil temperature sensor (intermediate gearbox) - Replacement
89-A-65-43-00-00A-31AA-A	Tail gearbox indicating system - Chip detector - Detailed inspection
89-A-65-43-00-00A-320B-A	Tail gearbox indicating system - Chip detector - Operation test
89-A-65-43-01-00A-920A-A	Oil temperature sensor (tail gearbox) - Replacement
89-A-67-00-00-00A-31AA-A	Rotor flight controls - Control linkages - Detailed inspection
89-A-67-10-00-00A-271A-A	Main rotor control - Fixed frictions - Adjust
89-A-67-10-00-00A-31AA-A	Main rotor control - Collective and cyclic sticks - Detailed inspection
89-A-67-21-00-00A-271B-A	Tail rotor control system - Yaw fixed friction - Adjust

Table 1 References

Data Module	Title
89-A-67-30-00-00A-320A-A	Servo-control system - Servoactuators - Operation test
89-A-67-30-00-00A-340A-A	Servo-control system - Tail rotor servoactuator and bellcrank bracket fasteners - Function test
89-A-67-31-00-00A-310A-A	Main rotor servoactuator installation - General visual inspection
89-A-67-31-00-00A-31AA-B	Main rotor servoactuator installation - Servoactuator attachment bolts - Detailed inspection
89-A-67-31-00-00A-364A-A	Main rotor servoactuator installation - Servoactuators - Leak check
89-A-67-32-00-00A-310A-A	Tail rotor servoactuator installation - General visual inspection
89-A-71-01-00-01A-251A-A	Engine installation - Compressor - Clean with chemical agent
89-A-71-01-00-02A-310A-A	Engine installation - Engines components - General visual inspection
89-A-71-01-00-02A-31AA-A	Engine installation - Engines components - Detailed inspection
89-A-71-01-00-03A-31AA-A	Engine installation - Igniter plugs and ignition cables - Detailed inspection
89-A-71-01-00-04A-310A-A	Engine installation - Inlet particle separator blower - General visual inspection
89-A-71-11-00-01A-310A-A	Engine cowling installation - Air intakes - General visual inspection
89-A-71-11-00-01A-31AA-A	Engine cowling installation - Air intakes - Detailed inspection
89-A-71-11-00-01B-310A-A	Engine cowling installation - Cowlings and air intakes - General visual inspection
89-A-71-20-00-01A-31AA-A	Mounts - Number 1 engine mounts bearings - Detailed inspection
89-A-71-20-00-02A-31AA-A	Mounts - Number 2 engine mounts bearings - Detailed inspection
89-A-71-22-00-00A-310A-A	Airframe mount installation - Inboard and outboard brackets - General visual inspection
89-A-71-22-00-00A-31AA-A	Airframe mount installation - Inboard and outboard brackets - Detailed inspection
89-A-71-30-00-00A-310A-A	Fire seals - General visual inspection
89-A-71-32-01-00A-310A-A	Number 1 forward firewall - Fire seal - General visual inspection
89-A-71-32-02-00A-310A-A	Number 2 forward firewall - Fire seal - General visual inspection

Table 1 References

Data Module	Title
89-A-71-41-00-00A-31AA-A	Engine exhaust nozzle installation - Detailed inspection
89-A-71-62-00-01A-31AA-A	Engine Inlet Barrier Filter (IBF) system kit - Inlet barrier filters - Detailed inspection
89-A-71-62-00-02A-340A-A	Engine Inlet Barrier Filter (IBF) system kit - Bypass mechanism - Function test
89-A-71-62-00-03A-31AA-A	Engine Inlet Barrier Filter (IBF) system kit - Components - Detailed inspection
89-A-71-62-03-01A-340A-A	Pressure transducer (IBF (left/right)) - Function test
89-A-71-71-00-00A-31AA-A	Engine drains installation - Detailed inspection
89-A-71-71-00-00A-320A-A	Engine drains installation - Operation test
89-A-71-71-00-00A-340A-A	Engine drains installation - Function test
89-A-71-71-00-00B-31AA-A	Engine drains installation - Detailed inspection
89-A-78-10-03-00A-31AA-A	APU nozzle - Detailed inspection
89-A-93-51-00-01A-31AA-A	Thermal imaging (SAFIRE 380 HD) system kit - Quick attachment device - Detailed inspection
89-A-93-51-01-00A-255A-A	Turret unit - Purge
89-A-93-51-01-01A-311A-A	Desiccant cartridge (turret unit) - Visual check
89-A-93-61-00-00A-340A-A	Obstacle proximity LIDAR system (OPLS) kit - Function test
89-A-93-61-00-01A-310A-A	OPLS kit - LIDAR sensors - General visual inspection
89-A-95-61-00-00A-320A-A	Emergency flotation system kit - FLOAT switches - Operation test
89-A-95-61-00-02A-31AA-B	Emergency flotation system kit - Float assemblies - Detailed inspection
89-B-18-61-00-00A-310A-A	Passive vibration absorber installation - Forward vibration absorbers - General visual inspection
89-B-21-40-10-00A-340A-B	Temperature switch - Function test
89-B-24-21-01-00A-310A-A	AC generator - General visual inspection
89-B-24-52-00-00A-320A-A	Cabin utility receptacle installation kit - Operation test
89-B-25-35-00-00A-310A-A	Handle installation kit - General visual inspection
89-B-25-68-00-00A-31AA-A	Safety hook installation - Detailed inspection
89-B-25-85-00-00A-31AA-A	Seatray installation - Detailed inspection
89-B-25-85-00-00B-31AA-A	Seatray installation - Detailed inspection
89-B-25-91-00-00B-320A-A	Foldable single rescue hoist system kit - Limit and deceleration switches - Operation test

Table 1 References

Data Module	Title
89-B-25-91-00-00C-320A-A	Foldable single rescue hoist system kit - Cable anti-foul actuator - Operation test
89-B-25-91-00-00D-320A-A	Foldable single rescue hoist system kit - Cable cutter circuit - Operation test
89-B-25-91-00-02A-31AA-A	Foldable single rescue hoist system kit - Hoist boom and rescue hoist - Detailed inspection
89-B-25-91-00-03A-31AA-A	Foldable single rescue hoist system kit - Special bolts - Detailed inspection
89-B-25-91-00-03A-340A-A	Foldable single rescue hoist system kit - Special bolts - Function test
89-B-25-91-00-04A-31AA-A	Foldable single rescue hoist system kit - Hoist support and adapter plate - Detailed inspection
89-B-25-91-00-05A-31AA-A	Foldable single rescue hoist system kit - Barrel nuts - Detailed inspection
89-B-25-91-00-07A-31AA-A	Foldable single rescue hoist system kit - Hoist cable path - Detailed inspection
89-B-25-91-00-08A-258A-A	Foldable single rescue hoist system kit - Hoist cable and hook assembly - Other procedure to clean
89-B-25-91-01-00A-31AA-A	Foldable single rescue hoist group - Detailed inspection
89-B-25-91-02-00A-311A-A	Single rescue hoist assembly - Oil level - Visual check
89-B-25-91-02-00A-31AA-A	Single rescue hoist assembly - Detailed inspection
89-B-25-91-02-06A-241A-A	Hoist cable - Oil
89-B-25-91-02-06A-310A-A	Hoist cable - General visual inspection
89-B-25-91-02-06A-361A-A	Hoist cable - Dimensions check
89-B-25-91-02-07A-31AA-A	Hook assembly - Detailed inspection
89-B-25-91-03-00A-31AA-B	Hoist boom - Detailed inspection
89-B-28-11-00-00A-31AA-A	Fuel tank installation - Detailed inspection
89-B-28-14-01-00A-31AA-A	Vent lines - Detailed inspection
89-B-33-52-00-00A-320A-A	Helicopter emergency exit lighting system (HEELS) kit - Operation test
89-B-62-21-00-01A-31AA-A	Main rotor head installation - Components - Detailed inspection
89-B-64-21-00-01A-31AA-A	Tail rotor head installation - Components - Detailed inspection
89-B-64-21-02-01A-340A-A	Brush block assembly (tail rotor slip ring) - Function test
89-B-71-01-00-01A-251A-A	Engine installation - Compressor - Clean with chemical agents

Table 1 References

Data Module	Title
89-B-71-20-00-01A-31AA-A	Mounts - Number 1 engine mounts bearings - Detailed inspection
89-B-71-20-00-02A-31AA-A	Mounts - Number 2 engine mounts bearings - Detailed inspection
89-B-71-22-00-00A-310A-A	Airframe mount installation - Inboard and outboard brackets - General visual inspection
89-B-71-22-00-00A-31AA-A	Airframe mount installation - Inboard and outboard brackets - Detailed inspection
89-B-71-30-00-00A-310A-A	Fire seals - General visual inspection
89-B-71-32-01-00A-310A-A	Number 1 forward firewall - Fire seal - General visual inspection
89-B-71-32-02-00A-310A-A	Number 2 forward firewall - Fire seal - General visual inspection
89-B-71-41-00-00A-31AA-A	Engine exhaust nozzle installation - Detailed inspection
89-B-93-51-01-00A-255A-A	Turret unit - Purge
89-B-93-51-01-01A-311A-A	Desiccant cartridge (turret unit) - Visual check
89-B-93-51-04-00A-31AA-A	Quick disconnect device - Detailed inspection
89-C-25-35-00-01A-31AA-A	Cabin hard points installation kit - Ceiling rings - Detailed inspection
89-C-25-35-00-02A-31AA-A	Cabin hard points installation kit - Anchor bolts - Detailed inspection
89-C-25-35-00-03A-31AA-A	Cabin hard points installation kit - Shackle rings - Detailed inspection
89-C-25-85-00-00A-31AA-A	Seatray installation kit - Detailed inspection
89-C-25-85-00-00B-31AA-A	Seatray installation kit - Detailed inspection
89-C-25-91-00-00B-320A-A	Single rescue hoist system kit - Limit and deceleration switches - Operation test
89-C-25-91-00-00C-320A-A	Single rescue hoist system kit - Cable cutter circuit - Operation test
89-C-25-91-00-00D-320A-A	Single rescue hoist system kit - Cable anti-foul actuator - Operation test
89-C-25-91-00-02A-31AA-A	Single rescue hoist system kit - Hoist assembly and anchor bolts - Detailed inspection
89-C-25-91-00-03A-31AA-A	Single rescue hoist system kit - Hoist mount and mounting plate - Detailed inspection
89-C-25-91-00-05A-31AA-A	Single rescue hoist system kit - Hoist cable path - Detailed inspection
89-C-25-91-00-06A-258A-A	Single rescue hoist system kit - Hoist cable and hook assembly - Other procedure to clean

Table 1 References

Data Module	Title
89-C-25-91-01-00A-311A-A	Single rescue hoist assembly - Oil level - Visual check
89-C-25-91-01-06A-241A-A	Hoist cable - Oil
89-C-25-91-01-06A-310A-A	Hoist cable - General visual inspection
89-C-25-91-01-06A-361A-A	Hoist cable - Dimensions check
89-C-25-91-01-07A-31AB-A	Hook assembly - Detailed inspection
89-C-25-91-03-00A-31AA-A	Hoist tube - Detailed inspection
89-C-28-11-00-01A-310A-A	Fuel tank installation - Sump flanges - General visual inspection

Description

1 Maintenance tasks overview

This section gives the lists of the manufacturer recommended maintenance tasks that are applicable to the maintenance plannings.

2 Permitted inspection interval tolerances

Refer to [89-A-05-11-00-00A-028E-P](#).

3 Column terms definitions

3.1 Number (No)

In table that follows, this column gives the system number plus a reference number that identifies each item in the list. All scheduled/unscheduled maintenance task lists use the same reference numbers.

3.2 Task title

This column gives the short description of the preventive maintenance task to perform.

3.3 Task intent

This column gives the extended description of the preventive maintenance task to perform.

3.4 Interval

This column gives the condition or the time limit after which the task must be done. Unless specified differently, the time limit is in flight hours.

Whenever more than one usage parameter interval is assigned to a task, and when not stated otherwise, the interval expiring first shall apply.

3.5 Reference (DMC)

This column shows the Data Module Code which gives the instructions to perform the task/check.

Note

Where blank, the DMC is not issued yet.

3.6 MRBR Task ID

This column shows the reference number given by the Maintenance Review Board Report (MRBR).

3.7 Applicability

This column shows the task applicability related to the helicopter version. Refer to [89-A-00-00-00A-018A-P](#).

3.8 Effectivity

This column shows the task applicability related to the optional systems/installations installed on the helicopter. Refer to [89-A-00-00-00A-02AA-A](#) of the Maintenance Publication.

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
62-01	Functional check (torque check) of the main rotor hub retaining bolts	Perform a torque check of the main rotor hub retaining assembly bolts.	After the last flight of the day, at the achievement of 5-10 FH from any installation of MR hub retaining assembly bolts and subsequently at the achievement of 5-10 FH from any bolts re-torque until correct torque is obtained. Re-torque can be applied for a maximum of 5 times	89-A-62-21-00-00A-340A-A	GEN62-01	GBA, GER, KBA	All
64-01	Functional check (torque check) of the tail rotor hub retaining bolts	Perform a torque check of the tail rotor hub retaining assembly bolts.	After the last flight of the day at the achievement of 5-10 FH from any installation of TR hub retaining assembly bolts and subsequently at the achievement of 5-10 FH from any bolts re-torque until correct torque is obtained. Re-torque can be applied for a maximum of 5 times	89-A-64-21-00-00A-340A-A	GEN64-01	GBA, GER, KBA	All
31-08	Restoration of ADEL T beacon.	Send the beacon to manufacturer for testing and battery replacement.	When the beacon has been deployed or set to transmit at any point during the battery's installed life.	89-A-25-62-06-00A-520A-A 89-A-25-62-06-00A-720A-A	--	GBA, GER, KBA	K002

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
31-09	Restoration of ADELTON release unit.	Send the beacon release unit to manufacturer for actuator overhaul.	When the beacon has been deployed (BRU fired) for any reason.	89-A-25-62-05-00A-520A-A 89-A-25-62-05-00A-720A-A	--	GBA, GER, KBA	K002
31-10	Restoration of ELT battery pack.	Replacement of ELT battery pack	After use in an emergency, or inadvertent activation of unknown duration, or when the total of all known transmission exceeds 1 hour.	89-A-25-61-04-00A-921A-B	--	GBA, GER	K001
63-29	Functional check (torque check) of the fasteners securing the MGB tail rotor adaptor to flexible coupling	Perform a torque check of the 5 off fasteners securing the tail rotor adaptor to flexible coupling for torque stabilization.	After 5 FH and after 30 FH from any in-stallation (Note 119)	89-A-65-11-00-00A-340A-A	--	GBA, GER, KBA	All
63-30	Functional check (torque check) of the fasteners securing the MGB tail rotor adaptor to flexible coupling (Note 120)	Perform a torque check of the 5 off fasteners securing the tail rotor adaptor to flexible coupling for torque stabilization	After the last flight of the day when 25 FH from any bolts re-torque are reached	89-A-65-11-00-00A-340A-A	--	GBA, GER, KBA	All
65-33	Functional check (torque check) of the fasteners securing the six flexible coupling interfaces	Perform a torque check of the 10 off fasteners securing each of the six flexible couplings to their mating parts for torque stabilization.	After 5 FH and after 30 FH from any in-stallation (Note 119)	89-A-65-11-00-00A-340A-A	--	GBA, GER, KBA	All
65-34	Functional check (torque check) of the fasteners securing the six flexible coupling interfaces (Note 120)	Perform a torque check of the 10 off fasteners securing each of the six flexible couplings to their mating parts for torque stabilization.	After the last flight of the day when 25 FH from any bolts re-torque are reached	89-A-65-11-00-00A-340A-A	--	GBA, GER, KBA	All
65-35	Functional check (torque check) of the fasteners securing the tail rotor drive shaft bearing housing coupling interface	Perform a torque check of the 5 off fasteners securing each of the bearing housing splined coupling interface with the drive shafts for torque stabilization.	After 5 FH and after 30 FH from any in-stallation (Note 119)	89-A-65-11-00-00A-340A-A	--	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
65-36	Functional check (torque check) of the fasteners securing the tail rotor drive shaft bearing housing coupling interface (Note 120)	Perform a torque check of the 5 off fasteners securing each of the bearing housing splined coupling interface with the drive shafts for torque stabilization.	After the last flight of the day when 25 FH from any bolts re-torque are reached	89-A-65-11-00-00A-340A-A	--	GBA, GER, KBA	All
29-12	Operational check of power control module (PCM 1)	Perform an operational check of the PCM 1 for correct operation. One off check after HP or LP filter replacement or re-installation.	10 FH	89-A-29-11-01-00A-320C-A	--	GBA, GER, KBA	All
29-13	Operational check of power control module (PCM 2)	Perform an operational check of the PCM 2 for correct operation. One off check after HP or LP filter replacement or re-installation.	10 FH	89-A-29-12-01-00A-320C-A	--	GBA, GER, KBA	All
62-37	Deleted						
64-02	Visual check of tail rotor lead lag damper fluid level	Visual check for absence of damper fluid in the sight glass. If fluid is present position damper in the required orientation and then using sight glass level gauge, check level of fluid in the sight glass. Removal criteria for the damper is fluid level in the sight-glass above marked limit.	50 FH or after autorotation (for both emergency condition or training purposes)	89-A-64-21-02-00A-311A-A	642000M-13	GBA, GER, KBA	All
29-01	Visual check of PCM1 indicators (fluid level sight glass and differential pop out indicators)	Perform a visual check of: 1) PCM1 pressure filter differential pop-out indicator condition. 2) PCM1 return filter differential pop-out indicator condition. 3) PCM1 oil level.	50 FH	89-A-29-10-00-00A-311A-A	GEN29-01	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
29-02	Visual check of PCM2 indicators (fluid level sight glass and differential pop out indicators)	Perform a visual check of: 1) PCM2 pressure filter differential pop-out indicator condition. 2) PCM2 return filter differential pop-out indicator condition. 3) PCM2 oil level.	50 FH	89-A-29-10-00-00A-311A-A	GEN29-02	GBA, GER, KBA	All
62-02	Visual check of main rotor lead lag damper oil level	Perform a visual check of the damper to check fluid levels above minimum level via both level sight windows.	50 FH	89-A-62-22-03-00A-311A-A	622000M-11	GBA, GER, KBA	All
62-40	General visual inspection of rotor sliding ring outside diameter for presence of grease	Perform a general visual inspection of all visible areas of the outer sliding ring contact surface for presence of grease.	50 FH	89-A-62-22-18-00A-310A-A	622000M-25	GBA, GER, KBA	All
63-01	Visual check of the main gearbox (MGB) for presence of oil.	Perform a visual check of MGB for presence of oil using the oil level indicator and for external evidence of a major oil leak. Note that if the task is performed within 14 hours from the last operation, the oil level should be visible but may be below the minimum level due to oil being retained in the emergency oil tanks.	50 FH	89-A-63-20-00-00A-311A-A	632000M-13	GBA, GER, KBA	All
65-01	Visual check of the intermediate gearbox (IGB) oil level	Perform a visual check of the IGB oil level using the oil level indicator and also for external evidence of an oil leak.	50 FH	89-A-65-21-00-00A-311A-A	652100M-08	GBA, GER, KBA	All
65-02	Visual check of the tail gearbox (TGB) oil level	Perform a visual check of the TGB oil level using the oil level indicator and also for external evidence of an oil leak.	50 FH	89-A-65-22-00-00A-311A-A	652200M-13	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
72-11	Visual check of P2.5 pipes for disconnection (Note 114)	Visual check that P2.5 pipes (right and left side of the engine) are in place and not disconnected from their interface.	50 FH	Note 122	723001M-05	KBA	All
72-12	General visual inspection of engine (compressor module M01) (Note 114)	General visual inspection of compression section for oil leakage.	50 FH	Note 122	723001M-06	KBA	All
72-13	Detailed inspection of the engine oil tank mechanical magnetic plug (Note 114)	Inspection of the oil tank mechanical magnetic plug for presence of particles.	50 FH	Note 122	726001M-01	KBA	All
72-14	General visual inspection of engine (gearbox module) (Note 114)	Perform a general visual inspection for oil leaks at accessory gearbox module interface.	50 FH	Note 122	726001M-03	KBA	All
74-03	General visual inspection of engine (ignition cables) (Note 114)	General visual inspection of the engine including ignition cables for damages.	50 FH	Note 122	742001M-02	KBA	All
75-04	General visual inspection of engine (visible parts of inlet guide-vane/variable stator-vane linkage) (Note 114)	General visual inspection of visible parts of the linkage between actuator and vanes for corrosion, damage or incorrect fitting	50 FH	Note 122	753001M-02	KBA	All
75-05	General visual inspection of engine particle separator transition duct and recovery assembly (if installed) (Note 114)	General visual inspection of transition duct for correct fitting, damage and condition and recovery assembly for damage and condition of the fire protection coating.	50 FH	Note 122	755000M-01	KBA	All
33-07	Detailed inspection of the searchlight drain holes (Note 12)	Perform a detailed inspection of the lamp drain hole for signs of blockage by moisture.	100 FH	89-A-33-47-01-03A-31AA-A	334200M-07	GBA, GER	K054

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
62-36	Detailed inspection of anti-rotation blocks and damper bearings (Note 98)	Perform a detailed inspection of the main rotor damper body and eye end bearings. Check outer races for alignment of slippage marks, ceramic coating for damage and integrity of the sealant on the staking. Inspect bearings for damage, corrosion and fretting. Also check the anti-rotation blocks and special washer for wear, surface deformation and condition. Check for play in both of the damper mounting bearings. No quantitative measurement necessary. If unusual play is felt, perform task 62-06 and check play is within limits.	100 FH	89-A-62-22-03-02A-31AA-A 89-A-62-22-08-00A-31AA-A	622000M-23	GBA, GER, KBA	All
62-38	Functional check (friction measurement) of the main rotor damper mounting bearings (Note 98)	Perform a functional check for each of the five dampers to measure the force required to overcome the damper bearing rotational friction and check that it is in the given limits.	100 FH	89-A-62-22-03-02A-340A-A	622000M-24	GBA, GER, KBA	All
62-39	Deleted						
72-09	Restoration (chemical and water wash) of engine compressor.	Clean air path under cranking by injecting water plus cleaning product.	100 FH (Note 12)	89-B-71-01-00-01A-251A-A	723001M-01	KBA	All
49-01	Restoration (chemical wash) of the APU internal parts (Note 1)	Wash with chemical agent the compressor, turbine nozzles and turbine wheel to remove debris.	150 FH	89-A-49-20-00-00A-251A-A	492000M-02	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
49-02	Restoration (water wash) of the APU internal parts (Notes 1, 11 and 12)	Rinse with water the compressor, turbine nozzles and turbine wheel to remove salt deposit.	150 FH	89-A-49-20-00-00A-251A-A	492000M-03	GBA, GER, KBA	All
72-01	Restoration (chemical and water washing) of engine compressor rotor and stator assembly (Notes 1 and 12)	Wash with chemical agent and water the engine compressor rotor and stator assembly.	150 FH	89-A-71-01-00-01A-251A-A	723000M-04	GBA, GER	All
62-03	Lubrication (greasing) of main rotor swashplate assembly duplex bearing (Note 4)	Grease the bearings, inspect the seals and visually check extruded grease for evidence of metal particles.	150 FH/1 year	89-A-12-20-07-00A-242A-A	623000M-01	GBA, GER, KBA	All
62-06	Functional check (play check) of main rotor damper spherical mountings	Perform a functional check of the play in both of the damper mounting bearings using a dial gauge.	200 FH	89-A-62-22-00-02A-340A-A	622000M-02	GBA, GER, KBA	All
71-21	General visual inspection of the engine air intake panels, the rear sliding cowling and the forward sliding cowling	Perform a general visual inspection for evidence of cracks, damage, wear and condition of attachments of the engine air intake panels, the forward sliding cowling and rear sliding cowling with attention at ejector nozzle mountings and APU ejector interface. Including the operational check to verify the correct operation.	200 FH	89-A-71-11-00-01B-310A-A	524000M-03 524000M-04	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
74-01	Detailed inspection of igniter plug and lead. Note: to be accomplished on an alternating basis (one ignition plug and lead from each engine at each task execution)	Perform a detailed inspection of igniter plug for cracks, missing pieces, and erosion, and of ignition lead for chafing, looseness in connector, cuts or tears in wrap or sleeve material. Remark: inspection must be conducted on an alternating basis (one igniter plug from each engine at each check).	200 FH (alternated)	89-A-71-01-00-03A-31AA-A	742000M-01 742000M-02	GBA, GER	All
18-05	Detailed inspection of mast vibration absorber components (Note 77)	Perform a detailed inspection of the mast vibration absorber components for condition, corrosion, integrity and for evidence of fretting and wear in the contact zone with the main rotor mast (removal of the mast vibration absorber required).	400 FH	89-A-18-64-00-00A-31AA-A	186200M-02	GBA, GER, KBA	K104
24-01	General visual inspection of APU generator quick attachment device (QAD)	Perform a general visual inspection of the APU generator QAD V-band clamp for condition and security attachment.	400 FH	89-A-24-21-10-01A-310A-A	242000M-04	GBA, GER, KBA	All
24-02	General visual inspection of engine starter generator quick attachment device (QAD)	Perform a general visual inspection of the engine starter generator QAD V-band clamp for condition and security attachment.	400 FH	89-A-24-21-00-00A-310A-A	242000M-05	GBA, GER, KBA	All
24-13	Functional check (dimensional check) of the starter generator drive shaft	Perform a dimensional check of the drive shaft splines to verify maximum acceptable wear is not exceeded (removal of the starter generator required). Lubricate the splines of the drive shaft and the starter generator drive shaft hub before installation.	400 FH (Note 111)	89-A-24-21-00-02A-361A-B	242000M-07	GBA, GER	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
25-61	Operational check of the relays K331 and K337 (Note 95)	Perform an operational check of the relays K331 and K337 to verify that they are not stuck closed.	400 FH	89-A-25-93-20-00A-320A-A	--	GBA, GER	K050
30-06	General visual inspection of FIPS generator quick attachment device (QAD)	Get access to the gearbox mounted FIPS generator, inspect QAD V-band clamp for condition and security of attachment.	400 FH	89-B-24-21-01-00A-310A-A	300200M-12	GBA, GER	K134
32-01	Detailed inspection of MLG indication pins (with parking brake enabled)	Perform a detailed inspection to the indication pins on MLG wheel. Check for condition and damage.	400 FH	89-A-32-42-00-00A-31AA-A	324000M-02	GBA, GER, KBA	All
49-03	Detailed inspection of the plenum	Perform a detailed inspection of the plenum for cracks, damage and security of attachment bolts.	400 FH	89-A-49-11-01-00D-31AA-A	491000M-02	GBA, GER, KBA	All
49-04	General visual inspection of the air cooled oil cooler duct	Perform a general visual inspection of the air cooled oil cooler duct for obvious distortion, cracks and security of attachment bolts.	400 FH	89-A-49-11-01-00E-310A-A	491000M-04	GBA, GER, KBA	All
49-05	General visual inspection of APU attachments	Perform a general visual inspection of the APU attachments (rear mount and gearbox points) for integrity (good position on the bay).	400 FH	Note 66	492000M-08	GBA, GER, KBA	All
49-06	General visual inspection of APU oil system	Perform a general visual inspection of the APU external surface, APU oil cooler exchange surface and intake, and APU oil system to detect leakage.	400 FH	Note 66	492000M-09 499000M-02	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
49-11	General visual inspection of APU fuel equipment	Perform a general visual inspection of the APU fuel components and check if there is any fuel leakage and any degradation on the fire shields.	400 FH	Note 66	493000M-02	GBA, GER, KBA	All
53-39	Detailed inspection of the instrument panel forward rib lugs and associated slip bushings (Note 100)	Perform a detailed inspection of the instrument panel forward rib lugs and associated slip bushings for evidences of fretting (anchor bolts and slip bushings removal required). Remove, inspect the surfaces and reinstall one bolt and associated slip bushings at a time.	400 FH	89-A-31-11-05-00A-31AA-A	533105S-01	GBA, GER, KBA	All
55-01	Operational check of tail plane for absence of play	Perform an operational check of tail plane to check for absence of play when manipulated, and verify no evidence of rubber extrusion from elastomeric bushings is present (no removal required). If any unusual play is noticed, bearing radial play shall be measured not to exceed 0,3 mm.	400 FH	89-A-55-11-01-00A-320A-A	551000M-01	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
62-05	General visual inspection of MR head assembly and components (Note 90)	Perform a general visual inspection for condition, security and damage of the MR head assembly, including elastomeric bearing elements, tension links, pitch arm assembly, hub nut, blade bolts, beanie, dampers, all MR graphite straps among the MR hub components, etc. Check also the bonding straps for condition, tension links and elastomeric bearing for evidence of delamination, blade bolts for evidence of movement and the beanie attachment for security (removal of either the rotor hub or components is not required).	400 FH	89-A-62-22-00-00A-310A-A	622000M-01 622000M-19	GBA, GER, KBA	All
62-07	Operational check of main rotor flap limiters	Perform an operational check of the flap limiters for resistance to movement. Ensure each flap limiter is in the down position and is free to rotate to the flight position and returns freely.	400 FH	89-A-62-22-05-00A-320A-A	622000M-07	GBA, GER, KBA	All
62-08	Detailed inspection of main rotor elastomeric spherical bearing	Perform a detailed inspection of the 5 off elastomeric spherical bearing for cracks in the elastomer, de-bonding, delamination and damage. Examine all areas of the elastomeric spherical bearing to ensure it is in good condition and there is no evidence of cracking, de-bonding, delamination or damage (blade / hub removal is not required).	400 FH	89-A-62-22-00-03A-311AA-A	622000M-09	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
62-09	Detailed inspection and functional check (play check) of main rotor rotating components (Notes 12, 57, 58, 84 and 88)	Perform a detailed inspection of the MR rotating assembly components for wear, play, corrosion and damage. Inspection to include main rotor pitch change link assemblies, rotating scissors assemblies, washplate assembly, spherical pivot bearing, swashplate boot, main rotor controls boot, spherical pivot assembly and MR fixed washplate centering plates. Examine all visible areas of the rotating controls to ensure they are in good condition, the corrosion protection is still intact and there is no evidence of wear, cracking, delamination in the elastomeric bearings or damage, or for grease contamination of the spherical pivot (component removal is not required, although lifting of the rubber boots is required for swashplate assembly and spherical pivot inspection). Examine also the pitch change link assemblies for effectiveness of rod sleeve hole sealing. Perform also a functional check (play check) of the two rotating scissor assemblies and swashplate.	400 FH	89-A-62-31-00-01A-31AA-A	623000M-02 623000M-11	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
62-30	General visual inspection of the external surface for condition and protection deterioration (Note 12)	Perform a general visual inspection of the blade surface to identify evidences of damage/degradation of sealing and caulking that may allow moisture ingress. Examine the paint condition for signs of flaking, lifting or swelling.	400 FH	89-A-62-11-01-00B-310A-A	621000M-01	GBA, GER, KBA	All
62-32	Detailed inspection of main rotor head FIPS components (Note 90)	Perform a detailed inspection of the FIPS components mounted on the MR head assembly for condition, security of attachment and damage. Using a light, inspect visible areas of the MR top distributor and blade cables.	400 FH	89-B-62-21-00-01A-31AA-A	300200M-06	GBA, GER	K134
63-02	Detailed inspection of rotor brake pucks wear indicators	Perform a detailed inspection for wear. Check puck wear indicators. If the pucks are worn below limits, during the corrective maintenance task, check the disc thickness following puck removal. Discard pucks and disc if thickness is below limits.	400 FH	89-A-63-51-05-01A-31AA-A	635100M-01	GBA, GER, KBA	All
63-03	General visual inspection of rotor brake components	Perform a general visual inspection of the rotor brake components. Check for condition, damage and for any oil leaks.	400 FH	89-A-63-51-00-00A-310A-A	635100M-04 635200M-01	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
64-04	Detailed inspection of the tail rotor elastomeric bearing and general visual inspection of the tail rotor pitch control arm	Perform a detailed inspection of the 4 off elastomeric bearing assembly for cracks in the elastomer, de-bonding, delamination and damage. Examine all areas of the elastomeric bearing assembly to ensure it is in good condition and there is no evidence of cracking, de-bonding, delamination or damage (blade / hub removal is not required). Inspection to include a general visual inspection of the pitch control arm to identify any damage to the component surface.	400 FH	89-A-64-11-00-00A-31AA-A	641000M-06 641000M-08	GBA, GER, KBA	All
64-05	General visual inspection of tail rotor head and rotating controls	Perform a general visual inspection for condition, security and damage of the TR head assembly and rotating controls, including spider, scissor assemblies, pitch links, control plug, rubber boot, bushes & fasteners, rotor hub, hub nut, conical ring bolts, lag damper, flap limiter and all attachment bolts and brackets. Check the condition of all areas to ensure they are in good condition and there is no evidence of loosening, delamination, corrosion, wear or damage (removal of either the tail rotor hub or components is not required).	400 FH	89-A-64-00-00-00A-310A-A	642000M-01 643000M-01	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
64-06	Detailed inspection of tail rotor lag damper elastomeric bearings	For each of the 4 lag dampers, perform a detailed inspection of the elastomeric bearings at both ends (no removal required). Examine all areas of the parts to ensure they are in good condition and there is no evidence of corrosion, delamination or damage.	400 FH	89-A-64-21-02-00A-31AA-A	642000M-02	GBA, GER, KBA	All
64-07	Functional check (play check) of tail rotor scissor assembly	Perform a play check to detect rotational play in the scissor assembly hinges between the spider and the hub. Check for any linear sideways movement at the hinge between the upper and lower scissor link whilst applying a torsional load to the spider. Play should be within acceptable limits (component removal is not required).	400 FH	89-A-64-31-02-00A-340A-A	643000M-10	GBA, GER, KBA	All
64-08	Detailed inspection of the tail rotor pitch link assemblies elastomeric bearing	Perform a detailed inspection of the 8 off tail rotor pitch link assemblies elastomeric bearings for cracks in the elastomer, de-bonding, delamination and damage (blade / hub removal is not required). Examine all areas of the elastomeric bearing to ensure it is in good condition and there is no evidence of cracking, de-bonding, delamination or damage.	400 FH	89-A-64-31-01-00A-31AA-A	643000M-12	GBA, GER, KBA	All
64-26	Functional check (play measurement) of sliding bush	Perform a functional check to examine the wear between the slider and sliding bush.	400 FH	89-A-64-31-06-00A-340A-A	643000M-14	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
64-27	General visual inspection of the tail rotor blade (Notes 12 and 89)	Perform a general visual inspection of the blade surface to identify evidences of damage/degradation of sealing and caulking that may allow moisture ingress. Examine the paint condition for signs of flaking, lifting or swelling.	400 FH	89-A-64-11-01-00A-310A-A	641000M-01	GBA, GER, KBA	All
64-28	Detailed inspection of tail rotor head FIPS components (Note 89)	Perform a detailed inspection of the FIPS components mounted on the TR head assembly for condition, security of attachment and damage. Inspection to cover visible areas of the slip ring, slip ring drive pin and bumper, TR blades and cables.	400 FH	89-B-64-21-00-01A-31AA-A	300200M-11	GBA, GER	K134
64-30	Functional check (wear measurement) of the FIPS tail rotor slip ring assembly brush block	Examine the brushes of the TR brush blocks for indication of excessive brush wear. Ensure each brush length is above acceptable limits. Ensure brush block and slip ring races are clear of carbon dust before re-assembly. (slip ring brush block removal required).	400 FH	89-B-64-21-02-01A-340A-A	300200M-09	GBA, GER	K134
65-03	General visual inspection of the tail rotor drive system components	Perform a general visual inspection for condition, corrosion, attachment security and damage of the bearing housing assemblies, flexible couplings, drive shafts, securing bolts and shaft dampers. Check for security of attachment of the balance weights on the 4 drive shafts.	400 FH	89-A-65-11-00-00A-310A-A	651000M-01	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
67-01	General visual inspection of tail rotor servo-actuator installation	Perform a general visual inspection of the TRA, checking for condition, security of mounting attachment, fluid leaks and damage.	400 FH	89-A-67-32-00-00A-310A-A	221000M-02 673000M-05	GBA, GER, KBA	All
67-02	General visual inspection of main rotor servo actuator assembly and installation	Perform a general visual inspection of the 3 off MRA and MRA installation, checking for fluid leaks, condition, security of mounting brackets attachment and damage.	400 FH	89-A-67-31-00-00A-310A-A 89-A-67-31-00-00A-364A-A	673000M-01	GBA, GER, KBA	All
71-01	General visual inspection of the engines and APU bays fire seals	Perform a general visual inspection of the engines and APU fire seals for attachment, wear and degradation.	400 FH	89-A-71-30-00-00A-310A-A 89-B-71-30-00-00A-310A-A	713000M-01 713000M-02 713000M-01 713000M-02	GBA, GER KBA	All All
72-02	Detailed inspection of engine - variable geometry linkage, actuating system linkage assembly, actuating rings, and levers.	Perform a detailed inspection of engine - variable geometry linkage turn buckles and rod ends, actuating rings and levers for broken, missing, or damage.	400 FH	89-A-71-01-00-02A-31AA-A	723000M-06 753000M-01	GBA, GER	All
72-03	General visual inspection of stage 4 compressor bleed line	Perform a general visual inspection of stage 4 compressor bleed line for general condition and security.	400 FH	89-A-71-01-00-02A-310A-A	723000M-07	GBA, GER	All
72-04	Detailed inspection of diffuser / midframe assembly	Perform a detailed inspection of diffuser / midframe assembly for cracks, broken or missing mounting lugs, missing or broken bolts. Check also mating aircraft mounting hardware.	400 FH	89-A-71-01-00-02A-31AA-A	723000M-08	GBA, GER	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
72-05	General visual inspection of engine oil system, accessory gearbox, exhaust frame and around the c-sump housing	Perform a general visual inspection of: 1) oil tank (main frame, particle separator) for evidence of oil leaks and condition. 2) engine external oil lines for evidence of oil leaks and condition. 3) exhaust frame and around the c-sump housing for evidences of oil leaks. 4) accessory gearbox for gearbox mount failure, leaks, security of parts, and general condition.	400 FH	89-A-71-01-00-02A-310A-A	725000M-02 726000M-01 791000M-01	GBA, GER	All
72-06	General visual inspection of inlet particle separator blower	Perform a general visual inspection of the inlet particle separator blower and the V-band clamp.	400 FH	89-A-71-01-00-04A-310A-A	723000M-02	GBA, GER	All
73-01	General visual inspection of engine fuel system	Perform a general visual inspection of the engine fuel system for fuel leaks, general security, and condition.	400 FH	89-A-71-01-00-02A-310A-A	731000M-02	GBA, GER	All
93-03	General visual inspection of the Obstacle Proximity Lidar System (OPLS) sensors	Perform a general visual inspection on the sensors and their supports for cracks, correct installation and security of attachment. Check sensor lenses are clean with no evidence of damage. Clean with a soft brush and soft cloth if required.	400 FH	89-A-93-61-00-01A-310A-A	936000M-01	GBA	K116
25-01	General visual inspection of baggage compartment liners (Note 91)	Perform a general visual inspection of baggage compartment to check for fire proof integrity, ensure all panels are firmly attached and sealed to structure and that panels are free from physical damage.	400 FH/1 year	89-A-25-83-00-00A-310A-A	258000M-01	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
25-60	General visual inspection of heavy duty baggage compartment barrier panels (Notes 12 and 91)	Perform a general visual inspection of all baggage bay liners and barrier panels as visible, for condition, corrosion, cracks and damage. Ensure all panels are firmly attached to the structure and that panels are free from physical damage.	400 FH/1 year	89-A-25-55-00-01A-310A-A	255000M-04	GBA, GER	K159
32-02	General visual inspection of landing gear system retraction actuators	Perform a general visual inspection for condition, leakage, damage and security of attachment. The inspection should cover all visible areas of the NLG, LH/RH MLG retraction actuators, the electrical connector and electrical harness.	400 FH/1 year	89-A-32-31-00-00A-310A-A	323000M-02	GBA, GER, KBA	All
32-06	Lubrication (greasing) of main landing gear	Grease the trailing arm and lever at pivoting / attachment points.	400 FH/1 year	89-A-12-20-06-00A-242A-A	321000M-05	GBA, GER, KBA	All
32-07	Lubrication (greasing) of nose landing gear	Grease the NLG shock strut including main fitting, torque links at pivoting / attachment points.	400 FH/1 year	89-A-12-20-05-00A-242A-A	322000M-04	GBA, GER, KBA	All
32-15	General visual inspection of landing gear control valve	Perform a general visual inspection of landing gear control valve and electrical connections for condition, damage and security of attachment. Examine all visible areas of the component (including the electrical connections) to ensure it is in good condition and there are no signs of hydraulic leaks.	400 FH/1 year	89-A-32-31-02-00A-310A-A	323000M-01	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
33-15	Detailed inspection of the searchlight assembly	Perform a detailed inspection of the searchlight assembly, checking for damage and condition. Includes a tactile inspection of the searchlight attachment security. Inspect around the attaching screws and sealing joints of the searchlight assembly covers for evidence of sealing degradation.	400 FH/1 year	89-A-33-47-01-00A-31AA-A	334200M-12	GBA, GER	K054
49-16	Detailed inspection of APU Inlet Barrier Filters (IBF) and installation	Perform a detailed inspection of top and side air filters for condition, integrity and no blockage. Inspect filters for evidence of cracks, corrosion or damage and inspect seals, pressure transducer piping, by-pass actuator and mechanism for condition.	400 FH/1 year	89-A-49-51-00-01A-31AA-A	491100M-01	GBA, GER	K135
49-17	Functional check of the APU Inlet Barrier Filter (IBF) bypass mechanism	Perform a functional check of the APU IBF bypass actuator to verify correct operation.	400 FH/1 year	89-A-49-51-00-02A-340A-A	491100M-02	GBA, GER	K135
62-04	Functional check (continuity check) of main rotor blade and of main rotor blade to main rotor head connections	Perform a continuity check between the blade and the hub bracket to check for degradation in electrical bonding between the two parts.	400 FH/1 year	89-A-62-11-01-00A-365A-A	621000M-04 622000M-04	GBA, GER, KBA	All
63-04	Servicing (oil replacement) of main gearbox, including operational check of low oil level indication and GVI of oil filter element and oil level sight glass	Perform replacement of the MGB oil in conjunction with low oil level indication operational check. Check also the oil sight glass for condition and absence of staining, and oil filter element for absence of metallic particles. Task to include replacement of the oil filter element.	400 FH/1 year	89-A-12-13-04-00A-292A-A	632000M-10 632000M-11 632000M-19 634000M-01 634000M-04	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
63-05	Detailed inspection of magnetic chip detectors	Perform a detailed inspection of the magnetic chip detectors' probe for the presence of any debris (remove the 3 off magnetic chip detectors from the MCD valves in the MGB case one at a time).	400 FH/1 year	89-A-63-41-00-00A-31AA-A	634000M-03	GBA, GER, KBA	All
63-06	General visual inspection of the main gearbox (MGB) assembly mounting installation and attaching parts (Note 6)	Perform a general visual inspection of the visible areas of the rods, MGB bracket and airframe mounted MGB bracket assemblies, of the external MGB case, including tail rotor drive take off adapter, any mounting brackets for the rotor brake, hydraulic pumps and servo-actuator, oil cooler and its mounting struts, fan exhaust duct and any other attaching accessories for condition and damage. Also inspect the oil cooling system for condition and leaks. Examine all the parts to ensure they are in good condition, there is no damage or evidence of any wear in the bushes or bearings, no oil leaks and for security of installation.	400 FH/1 year	89-A-63-20-00-00A-310A-A	632000M-04 633000M-02	GBA, GER, KBA	All
64-03	Functional check (continuity check) of tail rotor blade	Perform a continuity check between the blade and the airframe to check for degradation in bonding between all the parts. Visually check the condition of the lightning strip and cable lightning conductor assembly for each blade.	400 FH/1 year	89-A-64-11-01-00A-365A-A	641000M-04	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
65-04	Servicing (oil replacement) of intermediate gearbox including the general visual inspection of the intermediate gearbox, the operational check of low oil level indication and GVI of oil level sight glass (Notes 2 and 21)	Perform replacement of IGB oil in conjunction with low oil level indication operational check. Check also oil sight glass for condition and absence of staining. Task to include a general visual inspection of the IGB to check for condition, oil leaks, attachment security and accidental damage of the IGB, input and output couplings, housing and securing bolts.	400 FH/1 year	89-A-12-13-05-00A-292A-A	652100M-05	GBA, GER, KBA	All
			652100M-01				
			654000M-01				
			654000M-02				
65-05	Servicing (oil replacement) of tail gearbox including the general visual inspection of the tail gearbox, the operational check of low oil level indication and GVI of oil level sight glass (Notes 3 and 21)	Perform replacement of TGB oil in conjunction with low oil level indication operational check. Check also oil sight glass for condition and absence of staining. Task to include a general visual inspection of the TGB to check for condition, attachment security, oil leaks and accidental damage of the TGB and securing studs and nuts.	400 FH/1 year	89-A-12-13-06-00A-292A-A	652200M-06	GBA, GER, KBA	All
			654000M-02				
			652200M-01				
			654000M-01				
65-06	Detailed inspection of IGB magnetic chip detectors (Note 2)	Perform a detailed inspection of the magnetic chip detector probe for presence of any debris.	400 FH/1 year	89-A-65-42-00-00A-31AA-A	654000M-03	GBA, GER, KBA	All
65-07	Detailed inspection of TGB magnetic chip detectors (Note 3)	Perform a detailed inspection of the magnetic chip detector probe for presence of any debris.	400 FH/1 year	89-A-65-43-00-00A-31AA-A	654000M-03	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
71-16	Detailed inspection of engine Inlet Barrier Filters (IBF) and installation	Perform a detailed inspection of LH and RH engine IBF for condition, integrity and no blockage. Inspect filters for evidence of cracks, corrosion or damage and inspect seals, pressure transducer piping, by-pass actuator and mechanism for condition.	400 FH/1 year	89-A-71-62-00-01A-31AA-A	716200M-01	GBA, GER	K136
71-17	Functional check of the engine Inlet Barrier Filter (IBF) bypass mechanism	Perform a functional check of the engine IBF bypass actuator to verify correct operation.	400 FH/1 year	89-A-71-62-00-02A-340A-A	716200M-02	GBA, GER	K136
64-24	Deleted						
33-08	Deleted						
64-10	Detailed inspection of tail rotor hub slider and duplex bearing	Perform a detailed inspection (tactile inspection) of rotor hub slider and duplex bearing (partial disassembly of components required: removal of spider plug and disconnection of rubber boot, pitch links and scissor assemblies). Check for evidence of wear, attachment security, damage, bearing roughness or corrosion (removal of hub, spider or control nut is not required). Check to ensure free and easy axial rotation of the spider with no evidence of roughness or increased friction in duplex bearing or slider/bush interface.	600 FH/1 year	89-A-64-31-00-00A-31AA-A	643000M-02	GBA, GER, KBA	All
18-04	Deleted						

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
24-12	Operational check of the overcurrent trip functions	Perform an operational check to verify the availability of the overcurrent trip functions of the SGCU1 and SGCU2.	800 FH	89-A-24-31-00-02A-320A-A	--	GBA, GER, KBA	All
25-65	Operational check of the power supply switching function (Note 95)	Perform an operational check to verify the capability of the double rescue hoist power supply system to switch to the alternate 115-VAC electrical power source in case of primary 115VAC electrical power source loss.	800 FH	89-A-25-93-00-11A-320A-A	--	GBA, GER	K050
28-01	General visual inspection of fuel tank sump areas and fuel tank drain outlets (main fuel tanks and forward auxiliary if installed)	Perform a general visual inspection of main (and forward, when fitted) fuel tank sump areas for presence of fuel leakage. Inspection to cover also fuel tank drain access holes and fuel bay drain outlet holes. Check only external under-belly area.	800 FH	89-A-28-11-00-01A-310A-A 89-C-28-11-00-01A-310A-A	281000M-01 281000M-01	GBA KBA	All All
29-03	Operational check of power control module (PCM) 1 flight control shut off valve (Note 7)	With external hydraulic power connected, perform an operational check of the PCM 1 flight control shut off valve for correct functioning and actuation of the associated caution/warnings.	800 FH	89-A-29-11-01-00A-320C-A	291000M-02	GBA, GER, KBA	All
29-04	Operational check of PCM2 flight control shut off valve (Note 7)	With external hydraulic power connected, perform an operational check of the PCM2 flight control shut off valve for correct functioning and actuation of the associated caution/warnings.	800 FH	89-A-29-12-01-00A-320C-A	291000M-03	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
29-05	Operational check of PCM2 utility shut off valve automatic isolation function (Note 7)	With external hydraulic power connected, perform an operational check of the PCM2 utility shut off valve for correct automatic isolation functioning and activating of the associated caution/warnings.	800 FH	89-A-29-12-01-00A-320D-A	291000M-04	GBA, GER, KBA	All
29-06	Operational check of power control module (PCM) 1 utility shut off valve automatic isolation function (Note 7)	With external hydraulic power connected, perform an operational check of the PCM1 utility shut off valve for correct automatic isolation functioning and activating of the associated caution/warnings.	800 FH	89-A-29-11-01-00A-320D-A	291000M-05	GBA, GER, KBA	All
29-07	Operational check of tail rotor shut off valve automatic isolation function (Note 7)	With external hydraulic power connected, perform an operational check of the tail rotor shut off valve for automatic isolation functioning and activating of the associated caution/warnings.	800 FH	89-A-29-12-04-00A-320A-A	291000M-06	GBA, GER, KBA	All
32-03	Detailed inspection of MLG shock absorbers, MLG levers and trailing arms	Perform a detailed inspection of the shock absorber, the MLG lever and trailing arm. Ensure they are correctly secured and inspect for damage, cracks and for evidence of fluid leaks.	800 FH	89-A-32-10-00-00A-31AA-A	321000M-01 321000M-02	GBA, GER, KBA	All
32-04	Deleted						

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
32-05	Detailed inspection of NLG shock strut, torque links and shock absorber (Note 73)	Perform a detailed inspection of NLG shock absorber, NLG shock strut including main fitting, and torque links. Check for evidence of damage, fracture/cracking, taking particular attention to torque links and shock absorber attachments, and for fluid leakage around dynamic seals, sliding tube and filling valves of shock absorber. Check also the integrity of the locking wire installed on the top of the NLG strut to prevent the loosening of nuts	800 FH	89-A-32-21-00-00A-31AA-A	322000M-01 322000M-02	GBA, GER, KBA	All
49-07	Detailed inspection of APU exhaust ejector welds, mounting and security of attachment (Note 8)	Perform a detailed inspection of all accessible areas of the exhaust ejector including the welds for cracking. Check security of the mounting and screws (no disassembly required).	800 FH	89-A-78-10-03-00A-31AA-A	498000M-01	GBA, GER, KBA	All
52-09	Detailed inspection of the nose landing gear doors and operating mechanism (Note 73)	Gain access to and visually inspect the NLG doors and operating mechanism. Check for evidence of corrosion, damage and condition of attachments. Examine the NLG doors system components for worn parts, distortion, other mechanical damage or a gap between the 2 doors and the bay seals when in the closed position. (no gap should be present.)	800 FH	89-A-52-81-00-00A-31AA-A	528000M-01	GBA, GER, KBA	K067

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
53-40	Detailed inspection of the instrument panel forward rib lugs and associated slip bushings (Note 101)	Perform a detailed inspection of instrument panel forward rib lugs and associated flanged and slip bushings for evidences of fretting (anchor bolts and slip bushings removal required). Remove, inspect the surfaces and reinstall one bolt and associated slip bushings at a time.	800 FH	89-A-31-11-05-00A-31AB-A	533105S-02	GBA, GER, KBA	All
63-07	General visual inspection of the shaft gimbal assembly (LH / RH) (Notes 5 and 58)	Perform a general visual inspection of the gimbal assembly including the crosshead, securing bolts and flange nuts. Check for condition, security of mounting attachment, damage and evidence of fretting corrosion across the flanged bushes (removal of the shaft gimbal assembly is not required).	800 FH	89-A-63-10-00-00A-310A-A	631000M-04	GBA, GER, KBA	All
63-08	Functional check (torque check) of the shaft gimbal assembly torque tube to the engine gearbox casing fasteners (Notes 5 and 58)	Perform a torque check of the 15 off fasteners securing the shaft gimbal assembly torque tube to the engine gearbox casing for fretting corrosion prevention (removal of the shaft gimbal assembly is not required).	800 FH	89-A-63-10-00-01A-340A-A	631000M-06	GBA, GER, KBA	All
63-09	Functional check (torque check) of the bolts securing the upper fittings to the main gearbox casing (Notes 6 and 58)	Perform a torque check of the 4 off bolts securing the support rods upper fitting to the MGB top case for fretting corrosion prevention (removal of brackets is not required).	800 FH	89-A-63-20-00-01A-340A-A	632000M-14	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
63-10	Functional check (torque check) of the fasteners securing the MGB tail rotor adaptor to flexible coupling (Note 58)	Perform a torque check of the 5 off fasteners securing the tail rotor adaptor to flexible coupling for fretting corrosion prevention.	800 FH	89-A-65-11-00-00A-340A-A	632000M-17	GBA, GER, KBA	All
64-09	Functional check (track & balance check) of the tail rotor vibration levels	Perform a track and balance check of the tail rotor assembly to determine the vibration levels of the tail rotor are within acceptable limits (aircraft flight required).	800 FH	89-A-18-10-02-00A-373A-A	643000M-09 643000M-08 642000M-11 642000M-12	GBA, GER, KBA	All
65-08	Detailed inspection of tail rotor drive components (Note 9)	Perform a detailed inspection for condition, attachment security, security of the joint and damage. Inspection is to cover the drive shafts, bearing housings including the splined couplings, main bearing and spherical bearings, the flexible couplings and the damper assemblies (removal of the drive shafts is not required). Examine all the visible areas of the components to ensure they are in good condition and there is no corrosion or damage. Additionally, check the bearing support housing for longitudinal play and wear between both sides of the ceramic ball bearing inner race and the splined shaft shoulders. No gap is allowed.	800 FH	89-A-65-11-00-00A-31AA-A	651000M-02	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
65-09	Functional check (torque check) of the fasteners securing the six flexible coupling interfaces (Notes 9 and 58)	Perform a torque check of the 10 off fasteners securing each of the six flexible couplings to their mating parts for fretting corrosion prevention.	800 FH	89-A-65-11-00-00A-340A-A	651000M-06	GBA, GER, KBA	All
65-10	Functional check (torque check) of the fasteners securing the tail rotor drive shaft bearing housing coupling interface (Notes 9 and 58)	Perform a torque check of the 5 off fasteners securing each of the bearing housing splined coupling interface with the drive shafts for fretting corrosion prevention.	800 FH	89-A-65-11-00-00A-340A-A	651000M-07	GBA, GER, KBA	All
65-11	Functional check (torque check) of the fasteners securing the main bearing into the tail rotor drive shaft (TRDS) bearing housing (1 and 2) (Notes 9 and 58)	Perform a torque check of the 3 off fasteners securing the main bearing into the bearing housing (1 and 2) for fretting corrosion prevention.	800 FH	89-A-65-11-00-00A-340A-A	651000M-09	GBA, GER, KBA	All
67-03	Operational check of the main rotor actuator (MRA) anti-jam device and indication	Perform an operational check of the MRA anti-jam device to ensure that the function is working correctly, no dormant failures exist in the components and associated "SERVO 1(2)" caution PFD (check is to be performed on both hydraulic systems).	800 FH	89-A-67-30-00-00A-320A-A	673000M-03	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
67-04	Operational check of the tail rotor actuator (TRA) anti-jam device and indication	Perform an operational check of the TRA anti-jam device to ensure that the function is working correctly, no dormant failures exist in the components and associated "SERVO 1(2)" caution correctly illuminates on the PFD (check is to be performed on both hydraulic systems).	800 FH	89-A-67-30-00-00A-320A-A	673000M-07	GBA, GER, KBA	All
71-02	General visual inspection of the air intake assembly	Perform a general visual inspection of the air intake assembly including the latch attachment points and rain-step for obvious signs of delamination. Check security of all attachment bolts and intake screws.	800 FH	89-A-71-11-00-01A-310A-A	716000M-01	GBA, GER, KBA	All
71-03	Special detailed inspection (tap test) of all intake assembly	Perform a special detailed inspection (tap test) of the air intake accessible areas exposed to engine inlet flow for early evidence of delamination (no disassembly required).	800 FH	89-A-71-11-00-01A-31AA-A	716000M-02	GBA, GER, KBA	All
71-15	General visual inspection of engine mounts installation bolts	Perform a general visual inspection of engine mounts installation bolts for condition and security.	800 FH	89-A-71-22-00-00A-310A-A	--	GBA, GER	All
72-10	Special detailed inspection (boroscope inspection) of engine compressor section	Boroscope inspection of rotors and stators of compressor module for erosion/damage	800 FH (Note 113)	Note 122	723001M-03	KBA	All
72-15	Special detailed inspection (boroscope inspection) of combustion chamber and hp1 nozzle and blades.	Boroscope inspection of combustion chamber and hp1 nozzle and blades for cracks/damage	800 FH (Note 115)	Note 122	724001M-01	KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
74-02	Detailed inspection of igniters.	Perform a detailed visual inspection of the igniters for damages / loss of part.	800 FH	Note 122	742001M-01	KBA	All
75-02	Restoration (cleaning) of the engine anti-icing valve filter (Off aircraft).	Cleaning of anti-icing valve filter.	800 FH (Note 12)	Note 122	751001M-01	KBA	All
75-03	Restoration (cleaning) of the engine bleed valve filter (Off aircraft).	Cleaning of bleed valve filter	800 FH (Note 12)	Note 122	753001M-01	KBA	All
75-06	Detailed inspection of the inlet particle separator front duct, recovery assembly and transition duct.	Detailed inspection of the visible part of front duct through h/c inlet for damage, erosion and corrosion and the recovery assembly and the transition duct for any damage on the fire protection coating	800 FH (Note 115)	Note 122	755000M-02	KBA	All
78-01	Detailed inspection of coned centre body and lobed diffuser, including welds, bolts (Note 8)	Perform a detailed inspection of the coned centre body, including the welds for cracking. Check security of attachment bolts.	800 FH	89-A-71-41-00-00A-31AA-A	781000M-01 781000M-02	GBA, GER	All
78-03	Detailed inspection of lobed diffuser, including welds and V-band clamp	Perform a detailed inspection of the lobed diffuser, including the welds for cracking. Check security of the V-band clamp.	800 FH	89-B-71-41-00-00A-31AA-A	781000M-02	KBA	All
79-01	Operational check of the engine and the oil tank chip detector magnetic plug.	Operational check of the oil tank magnetic plug and engine electrical magnetic plug for correct magnetization.	800 FH	Note 122	791001M-02 791001M-03	KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
25-04	General visual inspection of the external cargo hook assembly components	Perform a general visual inspection of external cargo hook assembly components, including the support frame, for condition, corrosion, accidental damage, security of installation and for evidence of wear on the support frame bush.	800 FH/1 year	89-A-25-92-01-00A-310A-A	259200M-01	GBA, GER, KBA	K040 - K240
25-09	Detailed inspection of the cargo net	Perform a detailed inspection of cargo net and longitudinal/transverse straps. Check the snap hooks and buckles are safely attached to the related strap (removal of the net from the baggage bay is required).	800 FH/1 year	89-A-25-51-01-00A-31AA-B	255000M-01	GBA, GER, KBA	K035 - K038
				89-A-25-54-01-00A-31AA-B	255000M-01	GBA, GER	K142
				89-A-25-55-00-02A-31AA-B	255000M-01	GBA, GER	K159
28-05	Detailed inspection of main fuel tanks and transfer underbelly fuel tanks sump areas	Perform a detailed inspection of the main fuel tanks and transfer underbelly fuel tanks sump areas for presence of fuel leakage including check for signs of fretting where the fuel drain valves are fitted and in particular the area close to the structural tank panel edge. Check the integrity of the locking wire used to secure all components in the external sump area.	800 FH/1 year	89-B-28-11-00-00A-31AA-A	281100M-01	GER	All
28-06	Detailed inspection of transfer/refuel interconnection fuel hoses	Perform a detailed inspection of the transfer/refuel interconnection fuel hoses. Check for evidence of damage and security of fuel hoses attachment.	800 FH/1 year	89-B-28-11-00-00A-31AA-A	281100M-02 282100M-02 288000M-03	GER	All
30-03	Deleted						

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
30-05	Detailed inspection of ice detector measuring head (off aircraft)	Perform a detailed inspection of the measuring head internal and external surfaces, including the optical surfaces for signs of damage or contamination. With the head inverted, carefully remove the covers, clean the optical surfaces and air passages, as well as inspect the optical filter.	800 FH/1 year	89-A-30-63-00-01A-31AA-B 89-A-30-71-00-01A-31AA-B	300200M-01 300100M-01	GBA, GER	K134 K130
62-10	Detailed inspection of main rotor swashplate assembly duplex bearing (Notes 4 and 56)	Perform a tactile detailed inspection to detect swashplate assembly duplex bearing roughness and free rotation. No quantitative measurement necessary. Physically check for evidence of any bearing roughness or partial seizure (pitch change link end / upper boot lower end / scissors disconnection required).	800 FH/1 year	89-A-62-31-06-03A-31AA-A	623000M-07	GBA, GER, KBA	All
75-01	Operational check of engine anti-icing system	Run the engine, perform an operational check by activating the engine anti-icing system from the cockpit. Verify hot air presence by increase of ITT (interturbine temperature) on the cockpit display.	800 FH/1 year	89-A-30-21-00-00A-320A-A	751000M-01	GBA, GER	All
93-02	Detailed inspection of the forward looking infra-red (FLIR) turret attachment (off aircraft)	Perform a detailed inspection of the FLIR turret quick disconnect device and interface areas for wear, scratches damage and signs of corrosion (turret removal required). Lubricate mating surfaces before reassembly.	800 FH/1 year	89-A-93-51-00-01A-31AA-A	935000M-03	GBA, GER	K053 - K205

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
93-07	Detailed inspection of the LEOSS turret attachment (Note 12)	Perform a detailed inspection of the LEOSS turret quick disconnect device and interface areas for wear, scratches, damages and signs of corrosion (turret removal required). Lubricate mating surfaces before re-assembly.	800 FH/1 year	89-B-93-51-04-00A-31AA-A	935001M-03	GBA	K226
28-02	General visual inspection of all installed fuel filler cap seals and adapter seals	Perform a general visual inspection of fuel filler caps and adapters for signs of degradation. Inspection to cover, when fitted, gravity filler caps and adapters, pressure refuel/detuel cap and adapters, and closed circuit refuelling receiver.	800 FH/2 years	89-A-28-11-16-00A-310A-A	281000M-02	GBA, KBA	K017 - K100
24-13	Functional check (dimensional check) of the starter generator drive shaft	Perform a dimensional check of the drive shaft splines to verify maximum acceptable wear is not exceeded (removal of the starter generator required). Lubricate the splines of the drive shaft and the starter generator drive shaft hub before installation.	1200 FH (Note 112)	89-A-24-21-00-02A-361A-B	242000M-07	GBA, GER	All
34-01	Servicing (draining) of the Pitot static lines (Note 12)	Remove the moisture buildup from Pitot-static lines.	1200 FH	89-A-34-11-00-00A-226A-A	341000M-01	GBA, GER, KBA	All
33-09	Deleted						
33-11	Functional check (bonding check) of the searchlight	Functional check for bonding resistance between the searchlight outer casing and the helicopter main structure. Electrical resistance should be within specified limits.	1200 FH/1 year	89-A-33-47-01-00A-369A-A	334200M-08	GBA , GER	K054
33-12	Deleted						

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
28-09	Operational check of cross-feed valve automatic switching capability	Operational check of XFEED valve capability to automatically open in case both pumps fail on either fuel line 1 or fuel line 2 and check the fuel NRVs reverse flow protection function.	1600 FH	89-A-28-21-07-02A-320A-A	--	KBA	All
32-18	Servicing (nitrogen adjustment) of the MLG shock absorbers (aircraft jacked required)	Check the nitrogen pressure of the first and second chambers. Pressurize with nitrogen if necessary.	1600 FH	89-A-12-20-10-00A-362A-A	321000M-04	GBA, GER, KBA	All
32-19	Servicing (nitrogen adjustment) of the NLG shock absorber (aircraft jacked required)	Check the nitrogen pressure of the first and second chambers. Pressurize with nitrogen if necessary.	1600 FH	89-A-12-20-09-00A-362A-A	322000M-03	GBA, GER, KBA	All
33-10	Detailed inspection of the searchlight support assembly	Perform a detailed inspection of searchlight support assembly and fairing assembly for damage, wear, erosion, de-bonding and delamination. Examine also all areas of the searchlight support assembly including the safety cable the securing fixtures and locking devices for condition, corrosion and damage.	1600 FH	89-A-33-47-02-00A-31AA-B	334200M-10	GBA, GER	K054
49-13	Operational check of the plenum drain	Flush water through the plenum drain to detect major leakages/blockages (minor leakages have negligible effect).	1600 FH	89-A-49-11-01-00F-320A-A	491000M-03	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
62-12	Detailed inspection of beanie and attachment interfaces	<p>Perform a detailed inspection of the top and bottom surfaces of the beanie and its attachment structure, including bolts NAS6604, for general condition and damage. Examine the paint condition for signs of flaking, lifting or swelling. Check the condition of the assembly to identify debonding and degradation of sealing that may allow moisture ingress.</p>	1600 FH	89-A-62-21-01-00A-31AA-B	622000M-03	GBA, GER, KBA	All
62-13	Detailed inspection of main rotor blade bolts	<p>Perform a detailed inspection of each main rotor blade bolt for wear, cracking, damage and corrosion. Examine all areas of the blade bolt to ensure it is in good condition and there is no evidence of wear, cracking, excessive erosion, corrosion or damage (blade bolt removal is required).</p>	1600 FH	89-A-62-22-14-00A-31AA-B	622000M-05	GBA, GER, KBA	All
62-14	Detailed inspection of main rotor tension link	<p>Perform a detailed inspection of tension link for damage and condition. Examine all areas of the tension link to ensure it is in good condition and there is no evidence of de-bonding, delamination or damage.</p>	1600 FH	89-A-62-22-00-01A-31AA-B	622000M-08	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
62-15	General visual inspection of the main rotor pitch arm assembly, pitch link assembly, lower and upper scissor assembly (including all attachment hardware) for fretting evidence (Notes 17 and 58)	Perform a general visual inspection of the main rotor pitch arm assembly, pitch link assembly, lower and upper scissor assembly for evidence of fretting corrosion. Task covers all the bushes and attachment hardware of the components (removal/disassembly of the main rotor components is not required).	1600 FH	89-A-62-31-00-00A-310A-A	622000M-15 623000M-09 623000M-10	GBA, GER, KBA	All
62-29	Detailed inspection of the main rotor washplate assembly for fretting evidence (Notes 58 and 94)	Perform a detailed inspection of the main rotor stationary and rotating washplates for evidence of fretting corrosion between all the interfaces with the duplex bearing inner and outer races (including the anti rotation pin) and also between various bushes and the two washplates (removal and disassembly of the washplate assembly is required).	1600 FH	89-A-62-31-06-00C-31AA-B	623000M-08	GBA, GER, KBA	All
62-16	Functional check (torque check) of the main rotor hub tension bolts against the reaction washer / hub ring nut (Notes 17 and 58)	Perform a torque check of the 12 off fasteners securing the hub tension bolts against the reaction washer / hub ring nut for fretting corrosion prevention (to be accomplished before rotor head removal).	1600 FH	89-A-62-21-00-00A-340B-A	622000M-16	GBA, GER, KBA	All
62-17	Functional check (torque check) of the main rotor elastic bearing outer member bolts to the flap limiter support (Notes 17 and 58)	Perform a torque check of the 4 off fasteners securing the elastic bearing outer member to the flap limiter support for fretting corrosion prevention.	1600 FH	89-A-62-22-06-00A-340A-A	622000M-21	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
62-18	Functional check (torque check) of the main rotor scissors attachment flange securing bolts (Notes 17 and 58)	Perform a torque check of the 12 off fasteners securing the scissors attachment flanges for fretting corrosion prevention.	1600 FH	89-A-62-22-16-00A-340A-A	622000M-22	GBA, GER, KBA	All
62-19	Functional check (force measurement) of main rotor fixed swashplate movement (Note 18)	Perform a force measurement for correct friction of the fixed swashplate against the pivot and centering plate assembly (swashplate disconnection from servo-actuators and pitch link assemblies required. Swashplate removal is required).	1600 FH	89-A-62-31-06-00A-340A-B	623000M-04	GBA, GER, KBA	All
62-20	Detailed inspection of main rotor centering plates assembly (Notes 18 and 94)	Perform a detailed inspection of the centering plates assembly surfaces for corrosion and condition. Examine all areas of the centering plates assembly to ensure they are in good condition and there is no evidence of cracking, wear or damage. Ensure all attaching bolts are secured (swashplate removal required).	1600 FH	89-A-62-31-05-00A-31AA-A	623000M-05	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
62-21	Detailed inspection of main rotor head assembly and hub assembly (Notes 57, 58, 59 and 77)	Perform a detailed inspection of the rotor head for cracks, wear, security of attachment, component damage, evidence of corrosion and environmental damage. Inspection is to cover the hub internal surfaces, drive splines, hub nut and conical rings, and the visible areas of the hub, dampers, damper attachments, tension links, scissors attachment flanges, pitch links connections and tension bolts. Examine all areas of the main rotor head and hub assemblies to ensure they are in good condition and there is no evidence of cracking, wear or damage. Ensure all attaching bolts are secured. Also visually check the splines on the main gearbox output shaft (blades and head removal is required).	1600 FH	89-A-62-22-00-01A-31AA-B	622000M-06 622000M-14	GBA, GER, KBA	All
62-11	Special detailed inspection (tap test) of the main rotor blade	Perform a special detailed inspection (tap test) of the main rotor blades for erosion, debonding, delamination and damage. Examine all areas of the blade to ensure it is in good condition and there is no evidence of excessive erosion or damage. Carefully tap all surface areas of the blades to detect evidence of debonding or delamination (blade removal is recommended).	1600 FH	89-A-62-11-01-00A-31AA-B	621000M-02	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
63-13	Detailed inspection of rotor brake disc cover	<p>Perform a detailed inspection of the rotor brake disc cover. Examine the visible surface of cover to ensure it is in good condition and there is no damage or evidence of structural failure.</p>	1600 FH	89-A-63-51-12-00A-31AA-B	635100M-03	GBA, GER, KBA	All
64-11	Special detailed inspection (tap test) of the tail rotor blade	<p>Perform a special detailed inspection (tap test) of the tail rotor blades for erosion, de-bonding, delamination and damage. Inspection is to cover the blade, brackets and the elastomeric bearings, along with the attaching parts. Examine all areas of the blade to ensure it is in good condition and there is no evidence of excessive erosion or damage. Carefully tap all surface areas of the blade to detect evidence of de-bonding or delamination (blade removal is recommended).</p>	1600 FH	89-A-64-11-01-00A-31BA-B	641000M-02	GBA, GER, KBA	All
64-12	Detailed inspection of tail rotor blade bolt (Note 19)	<p>Perform a detailed inspection of each tail rotor blade bolt for wear, cracking, damage and corrosion. Examine all areas of the blade bolt to ensure it is in good condition and there is no evidence of wear, cracking, excessive erosion, corrosion or damage (blade bolt removal is required).</p>	1600 FH	89-A-64-11-04-00A-31AA-B	641000M-05	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
64-13	General visual inspection of the tail rotor hub scissor interface, tail rotor scissoring components for fretting evidence (Notes 17, 19 and 58)	Perform a general visual inspection for evidence of fretting corrosion of: 1) the tail rotor hub to scissor interfaces. 2) tail rotor scissor links bushes and internal bushes interface. 3) tail rotor elastomeric bearing assembly inner member (including visible part of interface with tail rotor hub/blade bolt) 4) pitch control arm bushes interface with attaching bolt and pitch link (removal of the tail rotor hub, of the tail rotor scissor assembly is not required).	1600 FH	89-A-64-00-00-00A-310B-A	641000M-09 642000M-10 643000M-05	GBA, GER, KBA	All
64-14	Functional check (torque check) of the fasteners securing tail rotor elastomeric bearing assembly outer member to the blade handle / pitch control arm (Notes 17 and 58)	Perform a torque check of the 3 off fasteners securing the elastomeric bearing assembly outer member to the pitch control arm / blade handle for fretting corrosion prevention.	1600 FH	89-A-64-11-03-00A-340A-B	641000M-10	GBA, GER, KBA	All
64-15	Functional check (torque check) of the tail rotor hub conical ring bolts (Note 17 and 58)	Perform a torque check of the 8 off tail rotor hub conical ring bolts for fretting corrosion prevention (to be accomplished before tail rotor head removal).	1600 FH	89-A-64-21-00-00A-340B-A	642000M-09	GBA, GER, KBA	All
64-16	Functional check (torque check) of the bolted joint between the spider and the slider (Notes 17, 20 and 58)	Perform a torque check of the 4 off fasteners securing the spider and the slider for fretting corrosion prevention (removal of the tail rotor hub is not required).	1600 FH	89-A-64-31-00-00A-340A-A	643000M-04	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
64-17	Detailed inspection of the tail rotor duplex bearing for fretting evidence (Notes 20 and 58)	Perform a detailed inspection of the tail rotor duplex bearing for evidence of fretting corrosion (removal of the tail rotor assembly is not required). However, removal of the spider plug is required for access).	1600 FH	89-A-64-31-00-01A-31AA-A	643000M-06	GBA, GER, KBA	All
64-18	Functional check (torque check) of the control rod nut (Notes 17, 20 and 58)	Perform a torque check of the nut securing the spider to the control rod / special washer for fretting corrosion prevention (removal of the tail rotor hub is not required).	1600 FH	89-A-64-31-00-00A-340A-A	643000M-07	GBA, GER, KBA	All
64-19	Detailed inspection of tail rotor head assembly and rotating control components (Notes 12, 57, 58 and 60)	Perform a detailed inspection of the rotor head and rotating controls for cracks, wear, security of attachment corrosion and damage. Inspection is to cover the hub, lag dampers, damper attachment, scissor attachment, hub locknut, locking flange and conical ring bolts, upper and lower conical rings, the visible areas of the slider, spider, scissor attachment, control rod nut, bushes pitch links and fasteners. Examine all visible areas of the head assembly and rotating controls to ensure they are in good condition and there is no evidence of cracking, wear, corrosion or damage. Ensure all attaching bolts are secured (removal of the tail rotor hub is required).	1600 FH	89-A-64-21-00-01A-31AA-B	642000M-03 643000M-03	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
65-12	Lubrication (greasing) of the number 1 and 2 drive shaft bearing housings (Note 22)	Grease the bearing housing of the main ball bearings using the lubrication fitting.	1600 FH	89-A-65-11-14-00A-31AA-A 89-A-65-11-13-00A-31AA-A	651000M-03	GBA, GER, KBA	All
65-13	Detailed inspection of drive shaft bearing housings (1 and 2) (off aircraft) (Notes 22, 23 and 70)	Perform a detailed inspection of the bearing housing assembly by hand to detect any roughness and play in the main ball and spherical bearing during rotation. There should be no unusual wear or resistance to movement in either the ball or spherical bearings. Check also smooth operation of the small spherical mounting bearings whilst drive shafts are not connected (removal of the bearing housing assemblies to an off-aircraft test bench is required. Detachment is by removal of the 3 bolts through the small spherical bearings).	1600 FH	89-A-65-11-14-00A-31AA-A 89-A-65-11-13-00A-31AA-A	651000M-04	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
65-14	General visual inspection of number 1 and 2 tail rotor drive shaft (TRDS) bearing housing mounting bracket bushes, and mounting splined joint shurlock nut for fretting evidence (Notes 23 and 58)	Perform a general visual inspection of the bearing housing mounting bracket interface with the installed bushes (all visible areas of the join), and of the bearing housing splined joint shurlock nut (around nut itself and in the interfaces between the splined coupling shoulders and the main bearing) for condition, damage and evidence of fretting corrosion. Additionally, check slippage marking on the bearing housing's support mounting bracket securing fasteners for evidence of loss of torque (removal of components is not required).	1600 FH	89-A-65-11-14-00A-31AA-A 89-A-65-11-13-00A-31AA-A	651000M-11 651000M-14	GBA, GER, KBA	All
65-15	Detailed inspection of intermediate gearbox (IGB)	Perform a detailed inspection of the IGB for condition, attachment security and damage. Inspection is to cover the IGB, input and output couplings and its mounting features. Examine all the visible areas of the components to ensure they are in good condition and there is no corrosion or damage.	1600 FH	89-A-65-21-00-00A-31AA-A	652100M-02	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
65-16	Detailed inspection of tail rotor gearbox assembly (TGB) and of output shaft conical rings. (Note 58)	Perform a detailed inspection of the TGB to check for condition, attachment security, damage and fretting corrosion. Inspection is to cover the visible surfaces of the TGB, input coupling, output shaft and its mounting features, and the visible area only of the TGB output shaft and tail rotor hub across the conical rings. Examine all the visible areas of the components and hub/shaft interface to ensure they are in good condition and there is no corrosion or damage.	1600 FH	89-A-65-22-00-00A-31AA-A	652200M-02 652200M-10	GBA, GER, KBA	All
67-05	Functional check (force measurement) of the flying control movement	Perform a force measurement to determine if increased force is required to operate the collective stick, cyclic stick and yaw pedal. Move the collective and cyclic control sticks and the yaw pedal assembly over the full control range to check that friction is within design limits. Functional check of the flying controls would detect early evidence of a failure in one of the components (check is performed using the aircraft hydraulic pump or an external hydraulic power supply).	1600 FH	89-A-67-10-00-00A-271A-A 89-A-67-21-00-00A-271B-A	671100M-04 671200M-04 671300M-02 672000M-03	GBA, GER, KBA	All
71-04	Deleted						

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
71-05	Operational check of LH and RH engine deck drains	Flush each of the LH and RH engine deck drains to detect major leakages / blockages (minor leakages have negligible effect).	1600 FH	89-A-71-71-00-00A-320A-A	717000M-01	GBA, GER, KBA	All
71-06	Operational check of APU deck drains	Flush the APU deck drain to detect major leakages / blockages (minor leakages have negligible effect).	1600 FH	89-A-71-71-00-00A-320A-A	717000M-02	GBA, GER, KBA	All
71-07	Functional check (pressure check) of LH and RH engine combustor drain	Perform a pressure check of the LH and RH engine combustor drain. Pressurize the combustor drain with air and check the pressure reading after 3 minutes to detect any leakage (no leakage is allowed).	1600 FH	89-A-71-71-00-00A-340A-A	717000M-03	GBA, GER	Before SB AW189-200
71-08	Functional check (pressure check) of APU combustor drain	Perform a pressure check of the APU combustor drain. Pressurize the combustor drain with air and check the pressure reading after 3 minutes to detect any leakage (no leakage is allowed).	1600 FH	89-A-71-71-00-00A-340A-A	717000M-04	GBA, GER, KBA	All
71-09	Operational check of the APU gearbox seal drain	Flush the APU gearbox seal drain pipe with water to detect major leakages/blockages (minor leakages have negligible effect).	1600 FH	89-A-71-71-00-00A-320A-A	717000M-05	GBA, GER, KBA	All
71-20	Detailed inspection of LH and RH engine combustor drains	Perform a detailed inspection of the engine combustor drain pipe within the engine bay. Check for condition and security of attachment.	1600 FH	89-A-71-71-00-00A-31AAA-A 89-A-71-71-00-00B-31AAA-A	717000M-06 717000M-06	GBA, GER KBA	All All
72-07	Detailed inspection of radial driveshaft (Note 24)	Perform a detailed inspection of the radial driveshaft through axis-a (radial drive-shaft removal is required).	1600 FH	Note 67	723000M-01	GBA, GER	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
72-08	Special detailed inspection (borescope inspection) of engine compressor section, combustion liner, stage 1 nozzle and gas generator turbine (Note 24)	Perform a special detailed inspection (borescope inspection) of engine compressor section, combustion liner, stage 1 nozzle and gas generator turbine for damage and erosion on blades/vanes.	1600 FH	Note 67	723000M-03 724000M-01 724000M-02 724000M-03	GBA, GER	All
73-02	Restoration (heat cleaning) of fuel injectors (off aircraft)	Perform the heat-cleaning, the inspection and the flow check of all fuel injectors.	1600 FH	Note 67	731000M-01	GBA, GER	All
78-02	Detailed inspection of ejector nozzle including welds, mountings and attachment screws	Perform a detailed inspection the ejector nozzle including the welds for cracking. Check security of the mountings and screws.	1600 FH	89-A-71-41-00-00A-31AA-A	781000M-03	GBA, GER, KBA	All
93-04	Functional check (laser alignment) of the obstacle proximity Lidar system	Perform a functional check in order to verify the correct alignment of the laser sensors. Perform a correct alignment procedure in case of misalignment. Check to confirm image display and audio warnings are correct.	1600 FH	89-A-93-61-00-00A-340A-A	936000M-02	GBA	K116
18-07	Detailed inspection of circular force AVCS installation	Perform a detailed inspection to check the installation of the forward right AVCS circular force generator(s) for condition, attachment security and damage, giving particular attention to the integrity of the locking wires.	1600 FH/2 years	89-A-18-31-00-03A-31AA-A	- -	GBA	K126 - K131 - K132
21-01	Operational check of engine 1 and engine 2 shut off valve (Note 25)	Perform an operational check of the engine 1/2 SOV (check is performed with engines running and the heater on).	1600 FH/2 years	89-A-21-40-00-01A-320A-A	214000M-01 214000M-02	GBA, GER	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
21-02	Functional check of the duct overtemperature switch (dots) setting (off aircraft)	Perform a functional check of the duct overtemperature switch for correct temperature setting (component removal is required).	1600 FH/2 years	89-A-21-40-18-00A-340A-B 89-B-21-40-10-00A-340A-B	214000M-04 214000M-04	GBA, GER KBA	All All
21-04	Operational check of APU shut off valve	Perform an operational check of the APU shut off valve (check is performed with APU running and the heater on).	1600 FH/2 years	89-A-21-40-00-02A-320A-A	214000M-03	GBA, GER, KBA	All
24-03	Operational check of DC system automatic reconfiguration as per power source logic (Note 25)	Perform an operational check of parallel configuration (including "bus tie closed" CAS status message displayed) and non-essential - busses shedding in accordance with power source logic. Operational check of DC system automatic reconfiguration as per power source logic (Note 25)	1600 FH/2 years	89-A-24-30-00-00A-320A-A	243000M-02	GBA, GER, KBA	All
24-04	Functional check of emergency bus voltage and fail indication (Note 25)	Perform a functional check of emergency bus voltage and fail indication	1600 FH/2 years	89-A-24-30-00-00A-340A-A	243000M-03	GBA, GER, KBA	All
26-07	Operational check of engine / APU bleed air and fuel shut off valves	Perform an operational check of all the functions related to engine / APU fuel isolation and engines / APU bleed air isolation (automatic closing of fuel SOV and bleed air SOV).	1600 FH/2 years	89-A-26-21-00-00A-320A-A 89-A-26-22-00-00A-320A-A 89-A-26-23-00-00A-320A-A	262000M-05 282000M-01 282100M-01	GBA, GER, KBA	All
26-08	Operational check of engines and APU fire extinguishing firing circuits	Perform an operational check (continuity check) to verify integrity of bottle firing circuits of engines and APU fire extinguishing system.	1600 FH/2 years	89-A-26-20-00-01A-320A-A	262000M-11	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
28-07	Detailed inspection of central underbelly tank vent lines for attachment and security of connections	Check underbelly external (connection) vent line for attachment security and pipe connection security; check also for any signs of fuel presence/smell in the zone.	1600 FH/2 years	89-B-28-14-01-00A-31AA-A	288000M-04	GER	All
29-08	Servicing (hydraulic fluid replacement) of the hydraulic circuit 1 and circuit 2 (Note 26)	Perform the servicing (hydraulic fluid replacement) of hydraulic system circuit 1 and circuit 2 by draining and refilling the hydraulic fluid.	1600 FH/2 years	89-A-12-12-10-00A-228A-A 89-A-12-12-09-00A-228A-A 89-A-12-11-08-00A-218A-A 89-A-12-11-09-00A-218A-A	291000M-01	GBA, GER, KBA	All
29-09	Functional check of power control module (PCM) 1 and 2 minimum level monitoring (Note 26)	With external electrical power connected, bleed hydraulic fluid from PCM1/2 reservoir until '1 HYD MIN' / '2 HYD MIN' CAS caution is displayed on MFD. Drain the remaining PCM reservoir fluid, separately, and confirm the volume of fluid drained is in accordance with the required fluid volume remaining when the min level caution is generated.	1600 FH/2 years	89-A-29-10-00-00A-340A-A	293000M-01	GBA, GER, KBA	All
30-01	Operational check of main gearbox fan exhaust duct drain and drain pipe	Pour a small quantity of water through the main gearbox oil cooler fan exhaust duct to confirm that the drain pipe is not blocked. The water should exit from the drain pipe outlet, onto the upper deck / main gearbox drainage sump area.	1600 FH/2 years	89-A-63-60-00-00A-320A-A	307000M-01	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
30-04	Detailed inspection of air intake controllers shock mount	Inspect the elastomers for visual external cracks and any evidence of "crumbing" (breakdown and subsequent separation of small elastomer particles). Removal of controllers is required to get access to the shock mounts.	1600 FH/2 years	89-A-30-21-06-00A-31AA-A	302000M-01	GBA, GER, KBA	Note 87
67-06	Detailed inspection of collective, cyclic and mixed control linkages (Note 27)	Perform a detailed inspection for condition, attachment security and damage of the connection rods, torsion tubes, securing bolts, bellcranks, anchor spring, balance spring mechanism and mixing unit. Check also for wear/failure in the bearings and mechanical stops. Examine the visible areas of the components to ensure they are in good condition and there is no corrosion or damage. The detailed inspection of the torsion tubes is to include a visual check for evidence of damage or delamination in the composite material tubes.	1600 FH/2 years	89-A-67-00-00-00A-31AA-A	671100M-01 671200M-01 671300M-01	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
67-07	Detailed inspection of yaw control linkages and yaw cockpit controls (Notes 12 and 27)	Perform a detailed inspection for condition, attachment security and damage of the connection rods, bellcranks, securing bolts, balance spring mechanism and the FFC pilot and co-pilot yaw pedal assemblies within the cockpit. Check also for wear / failure in the bearings. Examine the visible areas of the components to ensure they are in good condition and there is no corrosion or damage. Ensure bolt locking methods are still secure.	1600 FH/2 years	89-A-67-00-00-00A-31AA-A	672000M-01 672000M-02	GBA, GER, KBA	All
28-03	General visual inspection of main tank vent lines (Notes 28 and 69)	Perform a general visual inspection of the vent line for attachment security and pipe connection security (vent line within main tank compartment excluded).	1600 FH/4 years	89-A-28-14-00-00A-310A-A	288000M-01	GBA, GER, KBA	All
28-04	Detailed inspection of flame arrester (Note 28)	Perform a detailed inspection of the flame arrester for damage and clogging of internal components (removal of the vent/drain line cover and flame arrester is required). Note: as alternative a special detailed inspection (borescope inspection of flame arrester from lower part of fuel vent line) could be performed.	1600 FH/4 years	89-A-28-14-00-00A-31AA-B	288000M-02	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
52-11	General visual inspection of electrical foldable footstep mechanism	Perform a general visual inspection of the folding step and its operating mechanism for condition. Check for any evidence of wear or corrosion on the visible parts (access to the step operating mechanism with the step extended is required).	1600 FH/4 years	89-A-52-64-00-00A-310A-A	526200M-01	GBA	K125
63-12	Operational check of main gearbox (MGB) magnetic chip detectors and fuzzi burner system	Perform the operational check to verify the correct operation of the chip detector and the chip burning functions on each of the three magnetic chip detectors.	1600 FH/4 years	89-A-63-41-00-00A-320A-A	634000M-02	GBA, GER, KBA	All
65-17	Operational check of intermediate gearbox (IGB) chip detectors and fuzzi burner system	Perform the operational check to check for correct operation of the chip detector and the chip burning functions.	1600 FH/4 years	89-A-65-42-00-00A-320B-A	654000M-05	GBA, GER, KBA	All
65-18	Operational check of tail gearbox (TGB) chip detectors and fuzzi burner system	Perform the operational check to check for correct operation of the chip detector and the chip burning functions.	1600 FH/4 years	89-A-65-43-00-00A-320B-A	654000M-05	GBA, GER, KBA	All
79-02	Operational check of the engine chip detector system (Note 116)	Perform the chip detector operational check to check for correct operation of the chip detector function.	1600 FH/4 years	Note 122	791100M-01	KBA	All
25-19	Detailed inspection of system interface unit (SIU) including the gasket seal (Note 39)	Perform a detailed inspection of SIU and the gasket between the SIU and the battery cover for damage and condition.	1 year	89-A-25-62-02-00A-31AA-A	256200M-02	GBA, GER, KBA	K002

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
25-06	Detailed inspection of mating surfaces of the fitting post and the associated dowel for fretting evidence and of all the dual hoist fit bolts (Note 58)	Perform a detailed inspection to detect corrosion of the fit bolts and fretting-corrosion on all the mating surfaces of the fitting post and the associated dowel. Removal and cleaning of bolts is required. Removal of fitting post and the associated dowel is required.	2000 FH/2 years	89-A-25-93-00-06A-31AA-A	259103S-02	GBA, GER	K050
25-77	Detailed inspection of the mating surfaces of the hoist support boom and the rescue hoist (Note 58 and 104)	Perform a detailed inspection to detect fretting-corrosion sign on the mating surfaces between the hoist support boom and the rescue hoist (rescue hoist removal required).	2000 FH	89-B-25-91-00-02A-31AA-A	259105S-03	GBA, GER	K193
24-10	Operational check of the bus tie contactors	Perform an operational check to verify the capability to command the BTC1 and BTC2 closure through stand-by IOM.	2800 FH	89-A-24-81-00-01A-320A-A	--	GBA, GER, KBA	All
33-13	Operational check of the extension and switch-on capability of the landing lights	Perform an operational check to verify the pilot's capability to provide the extension and switch-on commands to the landing lights.	2800 FH	89-A-33-44-00-01A-320A-A	--	GBA, GER, KBA	All
73-03	Functional check of engine low pressure pump (off aircraft).	Perform a functional check of the low pressure pump for correct performance	3000 FH	Note 122	731001M-01	KBA	All
23-01	Detailed inspection of the passenger address monitor attachments	Perform a detailed inspection of the 4 off monitors to confirm security of attachment of the monitor and mounting bracket. Requires removal of the front monitor cover.	3200 FH	89-A-23-31-00-00A-31AA-A	233000M-01	GBA, GER	K041

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
24-11	Operational check of the differential feeder measurement	Perform an operational check to verify the availability of the differential feeder measurement in all the GCUs.	3200 FH	89-A-24-21-00-02A-320A-A	--	GBA, GER, KBA	All
25-33	Detailed inspection of all mating surfaces of the single hoist tube, the hoist mounts and the hoist tube clamps for fretting evidence (Notes 58 and 72)	Perform a detailed inspection to detect fretting-corrosion sign on the mating surfaces among the single hoist tube attachment, the hoist mount and the hoist tube clamps.	3200 FH	89-A-25-91-03-00A-31AA-A 89-C-25-91-03-00A-31AA-A	259101S-04	GBA, GER, KBA GBA	K008 K236
25-70	Reserved						
25-71	Reserved						
25-72	Reserved						
25-73	Reserved						
25-74	Reserved						
25-75	Functional check (torque check) of the hoist support-adaptor plate fit bolts (Notes 58 and 103)	Perform a torque check to detect loss of torque below the minimum admissible value to detect fretting corrosion presence on the mating surfaces of the hoist support and the adaptor plate.	3200 FH	89-B-25-91-00-03A-340A-A	259106S-04	GBA, GER	K193
26-11	Operational check of the engine and APU fire detector sensors (Note 41)	Perform an operational check of the engine and APU fire detector sensors.	3200 FH	89-A-26-10-00-00B-320A-A	261000M-01	GBA, GER, KBA	All
26-13	Operational check of baggage compartment smoke detector (Notes 40 and 42)	Perform an operational check of the baggage compartment smoke detector.	3200 FH	89-A-26-13-00-00A-320A-A	261000M-02	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
29-10	Operational check of power control module (PCM) 1 hydraulic valves	Perform an operational check of the PCM 1 return filter by-pass valve, the PCM 1 ground test shuttle by-pass valve and the PCM 1 ground test shuttle valve.	3200 FH	89-A-29-11-01-00A-320E-A	291000M-07	GBA, GER, KBA	All
29-11	Operational check of power control module (PCM) 2 hydraulic valves	Perform an operational check of the PCM 2 return filter by-pass valve, the PCM 2 ground test shuttle by-pass valve and the PCM 2 ground test shuttle valve.	3200 FH	89-A-29-12-01-00A-320E-A	291000M-08	GBA, GER, KBA	All
49-15	Detailed inspection of the RH FWD APU bearing housing and rear APU mounting for evidence of fretting (Note 58)	Perform a detailed inspection of the RH FWD APU bearing housing and rear APU mounting for evidence of fretting.	3200 FH	89-A-49-11-01-00B-31AA-A	491001S-02	GBA, GER, KBA	All
52-02	Operational check of the door micro-switches	Perform an operational check of nose door micro-switches (if installed), crew doors micro-switches, cabin doors micro-switches and baggage doors micro-switches.	3200 FH	89-A-52-70-00-00A-320A-A	527000M-01	GBA, GER, KBA	All
52-03	Detailed inspection of crew door locking mechanism.	Perform a detailed inspection to the locking mechanism. Check for evidence of wear and damage, taking particular attention to locking pins and pins seats on the air-frame.	3200 FH	89-A-52-11-00-02A-31AA-A	521100M-01	GBA, GER, KBA	All
53-05	Functional check (torque check) of the anti-torque beam anchor bolts (Note 58)	Perform a torque check of the anti-torque beam anchor bolts to detect loss of torque below the minimum admissible value.	3200 FH	89-A-63-20-00-00A-31AC-A	533302S-04 633010S-02	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
53-06	Detailed inspection of the port / starboard engine support brackets installation for evidence of fretting (Note 58)	Perform a detailed inspection of the port / starboard of the engine support brackets installation for evidence of fretting.	3200 FH	89-A-71-22-00-00A-31AA-A	533303S-02 712002S-02	GBA, GER	All
			3200 FH	89-B-71-22-00-00A-31AA-A	533303S-02 712002S-02	KBA	All
53-07	Functional check (torque check) of the rear-tail joint bolts (Note 58)	Perform a torque check of the rear-tail joint bolts to detect loss of torque below the minimum admissible value, to detect fretting corrosion presence on the mating surfaces of each rear fitting and the associated tail fitting.	3200 FH	89-A-53-40-00-00A-340A-A	534004S-01 535002S-01	GBA, GER, KBA	All
			3200 FH	89-A-65-22-00-00A-340A-A	535008S-02	GBA, GER, KBA	All
53-08	Functional check (torque check) of the tail gearbox (TGB) anchor nuts (Note 58)	Perform a torque check of the TGB anchor nuts to detect loss of torque below the minimum admissible value, to detect fretting corrosion presence on the mating surfaces of TGB fitting and TGB centre housing.	3200 FH	89-A-65-22-00-00A-340A-A	535008S-02	GBA, GER, KBA	All
			3200 FH	89-A-65-21-00-00B-340A-A	535009S-01	GBA, GER, KBA	All
53-09	Functional check (torque check) of the intermediate gearbox (IGB) anchor bolts (Note 58)	Perform a torque check of the IGB anchor bolts to detect loss of torque below the minimum admissible value, to detect fretting corrosion presence on the mating surfaces of IGB fitting and IGB centre housing.	3200 FH	89-A-65-21-00-00B-340A-A	535009S-01	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
62-24	Detailed inspection of main rotor hub, including general visual inspection of blade bushes and hub interfaces (Notes 43 and 58)	Perform a detailed inspection of the main rotor hub for cracks, wear and corrosion (blades / hub and MR head removal is required). Inspection to include a general visual inspection for fretting of the main rotor hub interfaces (including MR shaft splines and conical rings), and of the main rotor blade bushes (interfaces with the pitch control lever and blade bolts).	3200 FH	89-A-62-22-00-04A-31AB-B	621000M-06 622000M-13 622000M-18	GBA, GER, KBA	All
62-25	Detailed inspection of main rotor rotating controls assembly (Note 43)	Perform a detailed inspection of the rotating controls for general condition and damage, including rotating scissors bolts, rotating scissors, spherical bearing, fixed and rotating swashplate assembly, anti-rotation bolts and centering plates.	3200 FH	89-A-62-31-00-00A-31AA-B	623000M-06	GBA, GER, KBA	All
63-18	Detailed inspection of main rotor mast to main rotor hub interface for fretting evidence (Notes 43 and 58)	Perform a detailed inspection for fretting corrosion, security and condition across the splined joint and lower conical ring. Examine all the areas of the exposed spline and ring interface surfaces to ensure they are in good condition and there is no fretting corrosion damage (rotor head removal is required).	3200 FH	89-A-63-20-00-00A-31AE-A	632000M-16	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
63-19	General visual inspection of main gearbox (MGB) case interfaces for fretting evidence (Note 58)	Perform a general visual inspection of the MGB casing component joints for evidence of fretting corrosion. Inspection is to cover all the joints between the MGB main case, anti-torque plate, top case, accessory mountings and input housings.	3200 FH	89-A-63-20-00-00A-310B-A	632000M-08	GBA, GER, KBA	All
63-20	Detailed inspection of main gearbox (MGB) tail rotor drive adapter for fretting evidence (Note 58)	Perform a detailed inspection of the MGB tail rotor drive adapter for fretting corrosion, security and condition in exposed areas only (disassembly is not required).	3200 FH	89-A-63-20-00-00A-31AF-A	632000M-09	GBA, GER, KBA	All
64-21	Detailed inspection of tail rotor hub, including general visual inspection of tail rotor hub interfaces (Notes 44 and 58)	Perform a detailed inspection of the rotor hub for cracks, wear, corrosion and damage (blade / hub removal is required). Inspection to include a general visual inspection for fretting corrosion of the tail rotor hub interfaces (interfaces include the tail rotor shaft splines and the upper/lower conical rings).	3200 FH	89-A-64-21-00-02A-31AA-B	642000M-04 642000M-07	GBA, GER, KBA	All
65-20	Detailed inspection of the intermediate gearbox (IGB) case assembly for fretting evidence (Note 58)	Perform a detailed inspection of the IGB case assembly for condition, damage and fretting corrosion.	3200 FH	89-A-65-20-00-00A-31AA-A	652100M-07	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
65-21	Detailed inspection of the tail gearbox (TGB) case assembly and output shaft spline for fretting evidence (Notes 44 and 58)	Perform a detailed inspection of the TGB case for condition and damage, and of the TGB output shaft and the tail rotor hub across the interconnecting splines for evidence of fretting corrosion (tail rotor hub removal is required).	3200 FH	89-A-65-20-00-00B-31AA-A	652200M-08 652200M-09	GBA, GER, KBA	All
65-22	Functional check (torque check) of the fasteners securing the flying control components to the tail rotor gearbox (Notes 44 and 58)	Perform a torque check of the 6 off fasteners securing the tail rotor servo-actuator and the 4 off fasteners securing the bellcrank bracket to tail rotor gearbox.	3200 FH	89-A-67-30-00-00A-340A-A	652200M-11	GBA, GER, KBA	All
65-32	General visual inspection of number 1 and number 2 tail rotor drive shaft (TRDS) bearing housing spherical bearings interfaces (Note 58)	Perform a general visual inspection for condition, damage and fretting corrosion of the spherical bearings interfaces.	3200 FH	89-A-65-11-00-01A-310A-A	651000M-10	GBA, GER, KBA	All
67-08	Detailed inspection of main rotor servo-actuator mounting bolts (upper and lower) and main gearbox (MGB) brackets	Perform a detailed inspection of each individual upper and lower mounting bolt and of the MGB mounting brackets for condition, wear, corrosion and damage (bolts removal is required).	3200 FH	89-A-67-31-00-00A-31AA-B	673000M-04	GBA, GER, KBA	All
18-02	General visual inspection of passive vibration absorber (PVA)	Perform a general visual inspection of the LH & RH forward passive vibration absorber assemblies. Check for evidence of corrosion or cracking of the rod and support assembly.	3200 FH/4 years	89-B-18-61-00-00A-310A-A	186100M-01	GER	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
18-03	General visual inspection of aft passive vibration absorber (PVA)	Perform a general visual inspection of the LH & RH aft passive vibration absorber assemblies. Check for evidence of corrosion or cracking of the rod and support assembly.	3200 FH/4 years	89-A-18-63-00-00A-310A-A	186100M-02	GER	K091
25-22	Detailed inspection of baggage compartment liner seals	Detailed inspection of baggage bay and avionic cabinet liner seals for evidence of damage and condition (removal of liners required).	3200 FH/4 years	89-A-25-83-00-00A-31AA-B	258000M-02	GBA, GER, KBA	All
52-04	Detailed inspection of cabin door handle / locking mechanism (off aircraft) (Note 80)	Perform a detailed inspection of the handle / locking mechanism for evidence of wear and damage.	3200 FH/4 years	89-A-52-12-00-01A-31AA-A	521200M-01	GBA, GER, KBA	All
52-05	Detailed inspection of the pax doors - hinge-trolley assembly, door rails and door locking pin mechanism (Note 80)	Perform a detailed inspection of the hinge - trolley assembly, door rails and of the locking pin mechanism that restrains the passenger door in fully open position for corrosion, damages and wear.	3200 FH/4 years	89-A-52-12-00-03A-31AA-A	521200M-02 521200M-03	GBA, GER, KBA	All
52-10	Detailed inspection of cabin door handle and locking mechanism	Perform a detailed inspection of the internal and external cabin handle and locking mechanism for evidence of corrosion, wear and damage (removal of the internal panels is required).	3200 FH/4 years	89-A-52-13-00-01A-31AA-A	521201M-01	GBA, GER	K110
52-06	Deleted						

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
53-10	Functional check (torque check) of the LH/RH STA5700 main landing gear (MLG) fittings anchor bolts (Notes 46 and 58)	Perform a torque check of the MLG fittings anchor bolts to detect loss of torque below the minimum admissible value, to detect fretting corrosion presence on the mating surfaces of the LH/RH STA5700 side frames and the relevant STA5700 MLG - fittings.	3200 FH/4 years	89-A-53-10-00-00P-340A-A	533001S-03 533508S-03	GBA, GER, KBA	All
53-11	Detailed inspection of the LH/RH STA5700 main landing gear (MLG) fitting anchor bolts (Notes 46 and 58)	Perform a detailed inspection of the LH/RH STA5700 MLG fitting anchor bolts for corrosion (remove, clean, inspect and reinstall one bolt at a time).	3200 FH/4 years	89-A-53-10-00-00P-31AA-A	533508S-02	GBA, GER, KBA	All
63-21	Functional check (torque check) of the main gearbox (MGB) brackets anchor bolts (Notes 45 and 58)	Perform a torque check of the MGB brackets anchor bolts to detect loss of torque below the minimum admissible value, to detect fretting corrosion presence on the mating surfaces of the STA3900 and STA5700 MGB support brackets.	3200 FH/4 years	89-A-63-20-00-00A-31AG-A	633006S-04 633008S-03 533302S-02 533302S-03	GBA, GER, KBA	All
63-22	Detailed inspection of the LHs/RHs FWD/AFT main gearbox (MGB) struts assemblies and bolted joints, and of brackets anchor bolts (Notes 45 and 58)	Perform a detailed inspection for corrosion of the MGB struts assemblies and bolted joints (disassembly is not required), and of the bracket anchor bolts (inspect and reinstall one bolt at a time).	3200 FH/4 years	89-A-63-31-00-01A-31AA-A	633001S-01 633006S-02 633006S-03 633008S-02	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
67-09	Detailed inspection of pilot/copilot collective and cyclic cockpit controls	Perform a detailed inspection for condition, attachment security and damage of the FFC pilot and co-pilot collective and cyclic control stick assemblies within the cockpit (removal of the gaiters is required).	3200 FH/4 years	89-A-67-10-00-00A-31AA-A	671200M-02 671100M-02	GBA, GER, KBA	All
73-04	Functional check of fuel pressure-pressure-temperature sensor, oil pressure-pressure-temperature sensor and oil pressure-temperature sensor (off aircraft)	Functional check of fuel and oil pressure-pressure-temperature and pressure-temperature sensors for correct operation.	5000 FH	Note 122	732001M-01 732001M-02 732001M-03	KBA	All
63-24	Detailed inspection of main gearbox (MGB) rod end bushes (Note 51)	Perform a detailed inspection of the MGB rod end bushes for wear or damage (remove, inspect and reinstall one rod at a time).	5200 FH	89-A-63-31-00-00A-31AA-A	633000M-01	GBA, GER, KBA	All
63-26	Functional check (play check) of the main gearbox (MGB) brackets and MGB bracket assemblies spherical bearings (Note 51)	Perform a play check of the 8 off spherical bearings retained within the MGB brackets and airframe mounted MGB bracket assemblies (removal of the rod assembly is required).	5200 FH	89-A-63-31-00-00A-31AA-A	633000M-03	GBA, GER, KBA	All
63-27	Operational check of the main gearbox (MGB) brackets and MGB bracket assemblies spherical bearings movement (Note 51)	Perform an operational check of the 8 off spherical bearings retained within the MGB brackets and airframe mounted MGB bracket assemblies. Manually check the bearing movement to verify it is smooth and free to rotate (removal of the rod assembly and re-installation of the bolt are required).	5200 FH	89-A-63-31-00-00A-31AA-A	633000M-04	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
65-31	Detailed inspection of number 1 and 2 tail rotor drive shaft (TRDS) bearing housing splined coupling interfaces (Note 58)	Perform a detailed inspection for condition, damage and fretting corrosion of the internal interface between the inner and outer splined couplings and the external contact with the bearing inner race of the number 1 and 2 bearing housings (complete disassembly of the bearing support housing is required).	5200 FH	89-A-65-11-00-01A-31AA-B	651000M-08	GBA, GER, KBA	All
65-25	Functional check (calibration check) of tail rotor gearbox (TGB) oil temperature sensor (off aircraft) (Note 68)	Perform a functional check of the TGB temperature sensor to detect sensor drift.	6400 FH	89-A-65-43-01-00A-920A-A	654000M-07	GBA, GER, KBA	All
65-27	Functional check (calibration check) of intermediate gearbox (IGB) oil temperature sensor (off aircraft) (Note 52)	Perform a functional check of the IGB temperature sensor to detect sensor drift.	6400 FH	89-A-65-42-01-00A-920A-A	654000M-04	GBA, GER, KBA	All
30-07	Pitot #2 heating availability through standby IOM	Operational check of capability to activate the pitot #2 heater through standby IOM	20000 FH	89-A-30-31-00-01A-320A-A	- -	GBA, GER, KBA	All
22-01	Deleted						
34-04	Deleted						
25-64	Visual check of the failures of the ECU111 (Note 95)	Perform a visual check of the smart modules failures on MFD to verify the capability of ECU111 to protect against overcurrent conditions.	1 day	89-A-25-93-20-00A-369A-A	- -	GBA, GER	K050
95-10	Servicing (draining) life raft bottom drain caps	Open life raft bottom drain caps to let flow out any water accumulation	15 days/50 FH	89-A-12-20-11-00A-226A-A	- -	GBA, GER, KBA	K005

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
25-30	General visual inspection of the winchman harness (Note 21)	Perform a general visual inspection to the winchman harness. Carefully examine the webbing for cuts, tears, fraying and for the condition of the stitching and the metal parts for condition and corrosion.	30 days	89-A-25-90-00-01A-310A-B	259100M-15 259300M-16	GBA, GER, KBA GBA, GER GBA	K008 K050 - K193 K236
26-16	Visual check of portable fire extinguishers	Perform a visual check of portable fire extinguishers for nozzle unobstructed and gauge pressure within operable range. Lockpin and tamper seal must be in place.	1 month	89-A-26-24-00-00A-311A-A	262000M-13	GBA, GER, KBA	Note 108
25-69	Detailed inspection of flexible sea tray and seat protectors (Note 12)	Perform a detailed inspection of the sea tray and the cabin floor underneath. Clean the sea tray and inspect for cracks and damage. Check for evidence of water contamination and corrosion on cabin floor following the removal of the sea tray. Check the condition of the velcro tape and ensure there is no loss of adhesion. Perform also a detailed inspection of all seat covers and the seats / floor underneath. Inspect for splits or damage to the covers.	1 month	89-B-25-85-00-00A-31AA-A 89-C-25-85-00-00A-31AA-A	258400M-02 258400M-02	GER GBA, KBA	K182 K227
28-08	Visual check of the water in the fuel tank. (Note 12)	Drain a small quantity of fuel from each fuel sump drain valve and confirm that the fuel is free of water and no fuel is dripping from the aircraft drain.	1 month	89-A-28-10-00-01A-311A-A	--	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
93-01	Servicing (nitrogen purge) of the forward looking infra-red (FLIR) turret and visual check of the desiccant cartridge indicator	Perform the nitrogen purge procedure to replenish the nitrogen gas charge. Visually check the desiccant cartridge indicator for evidence of colour change resulting from moisture ingress.	1 month (Note 12)	89-A-93-51-01-00A-255A-A 89-A-93-51-01-01A-311A-A	935000M-01 935000M-02	GBA, GER	K053 - K205
93-05	Servicing (nitrogen purge) of the LEOSS turret. (Note 12)	Perform the nitrogen purge procedure to replenish the nitrogen gas charge.	1 month	89-B-93-51-01-00A-255A-A	935001M-01	GBA	K226
93-06	Visual check of the LEOSS turret desiccant cartridge indicator. (Note 12)	Visually inspect the desiccant cartridge indicator for evidence of color change resulting from moisture ingress. When two sections of the indicator are pink, the desiccant requires replacement.	1 month	89-B-93-51-01-01A-311A-A	935001M-02	GBA	K226
53-41	Detailed inspection of helicopter external surfaces (Note 106)	Do a detailed inspection for corrosion and condition on metallic structures and for correct condition of the surface films of the composite structures, including cleaning and restoration of the surfaces finish if any damage is found.	1 month	89-A-20-80-00-00A-31AA-A	- -	GBA, GER, KBA	All
25-31	General visual inspection of the hoist operator harness and tether (Note 21)	Perform a general visual inspection to the harness and tether. Carefully examine the webbing for cuts, tears, fraying and for the condition of the stitching and the metal parts for condition and corrosion.	120 days	89-A-25-90-00-02A-310A-B	259100M-13 259300M-14	GBA, GER, KBA GBA, GER GBA	K008 K050 - K193 K236

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
25-32	Detailed inspection of the hoist hook assembly (Note 21)	Perform a detailed inspection of the hoist hook assembly including the hook and the spring pin to check the damage, condition and bearing freedom.	3 months	89-A-25-91-01-07A-31AB-A 89-B-25-91-02-07A-31AAA-A 89-C-25-91-01-07A-31AB-A	259100M-05	GBA, GER, KBA GBA, GER GBA	K008 K193 K236
20-01	General visual inspection of the engine compartments, the exhausts fairing compartment and the visible area below APU compartment (internal)	Perform a general visual inspection of the engine compartments, the exhausts fairing compartment and the area below APU compartment, on upper deck, to check systems installations and structure for security and general condition.	6 months	89-A-20-82-00-06A-310A-A	200460Z-01	GBA, GER, KBA	All
24-07	Operational check of the emergency power supply	Perform an operational check of the emergency power supply by pressing the test switch to verify charge level. Check there is no evidence of gas venting (corrosion).	6 months	89-A-24-33-01-00A-320A-A	342100M-01	GBA, GER, KBA	K098
24-08	Operational check of the Ground Fault Interrupter	Perform an operational check of the GFI (Ground Fault Interrupter) to make sure of proper operation.	6 months	89-A-24-52-00-00A-320A-A 89-B-24-52-00-00A-320A-A 89-A-24-52-00-00A-320A-A 89-B-24-52-00-00A-320A-A	242000M-06	GER GER GBA	K062 - K203 K146 K198 K197
25-47	Lubrication of axelcut manual cable cutter	Lubricate the axelcut manual cable cutter.	6 months	89-A-25-65-05-00A-240A-B	259300M-13	GER	KC01
25-55	Functional check (voltage and signal output) of the underwater locator beacon (ULB)	Perform the ULB switch cleaning, ULB battery voltage check, ULB signal generation check and ULB battery expiration check.	6 months	89-A-25-69-01-00A-340A-A	256500M-01	GBA, GER	K120

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
31-01	Operational check of cockpit voice recorder system	Perform an operational check of cockpit voice recorder system to confirm the proper recording on each audio channel (including hot mic and bulk erase function and inhibit logic).	6 months	89-A-31-31-00-00A-320A-A	313100M-02	GBA, GER, KBA	All
31-02	Functional check (voltage and signal output) of flight data recorder (FDR) underwater locator beacon (ULB)	Perform the ULB switch cleaning, ULB battery voltage check, ULB signal generation check and ULB battery expiration check.	6 months	89-A-31-31-05-00A-340A-A	313100M-03	GBA, GER, KBA	All
34-05	Detailed inspection of pitot support and cover	Perform a detailed inspection of pitot support and cover. Remove pitot cover and inspect internal condition. Also inspect visible area of pitot support for corrosion.	6 months	89-A-34-11-00-01A-31AAA	341000M-03	GBA, GER, KBA	All
25-23	Servicing (oil replacement) of hoist assembly (Notes 21 and 79)	Drain and replace the hoist assembly oil.	6 months/400 hoist lifts	89-A-12-13-07-00A-292A-A	259100M-02	GBA, GER, KBA GBA, GER GBA	K008 K193 K236
25-13	Servicing (oil replacement) of hoist assemblies (Notes 21 and 79)	Drain and replace the hoist assemblies oil.	6 months/400 hoist lifts	89-A-12-13-09-00A-292A-A	259300M-02	GBA, GER	K050
20-02	General visual inspection of all external airframe surfaces including the access doors and windows	Perform a general visual inspection of all external airframe surfaces including the access doors and windows. Check the structure and the system installations for security and general condition.	1 year	89-A-20-80-00-00A-310A-A	200100Z-01	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
20-03	General visual inspection of the LH/RH nose avionics bays, the LH/RH lower nose and the nose fairing compartment, including EWIS, and the 28 Vdc external power receptacle (internal)	Perform a general visual inspection of the LH/RH nose avionics bays, the LH/RH lower nose and the nose fairing compartment, including the 28 Vdc external power receptacle (internal). Check the structure, system installations and high energy EWIS (115 Vac) for security and general condition. Inspection to include restoration of EWIS (cleaning only if contaminated).	1 year	89-A-20-81-00-01A-310A-A	201111M-01 201111M-02 200111Z-01	GBA, GER, KBA	All
20-04	General visual inspection of the nose landing gear assembly and retraction actuator compartments, including EWIS	Perform a general visual inspection of the nose landing gear assembly and retraction actuator compartments. Check the structure and the system installations for security and general condition. Inspection to include restoration of EWIS (cleaning only if contaminated) in order to prevent combustible material accumulation.	1 year	89-A-20-83-00-01A-310A-A	200113Z-01 201124M-01 201113M-01	GBA, GER, KBA	All
20-05	General visual inspection of the main rotor assemblies including rotor blades and bonding straps	Perform a general visual inspection of the main rotor assemblies including rotor blades and bonding straps. Check the structure and the system installations for security and general condition. Check also the bonding straps for condition to assure lighting protection integrity.	1 year	89-A-20-82-00-01A-310A-A	200400Z-01 202400M-01	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
20-06	General visual inspection of the tail rotor assemblies including rotor blades and bonding straps	Perform a general visual inspection of the tail rotor assemblies including rotor blades and bonding straps. Check the structure and the system installations for security and general condition. Check also the bonding straps for condition to assure lightning protection integrity.	1 year	89-A-20-82-00-02A-310A-A	200400Z-01 202400M-01	GBA, GER, KBA	All
20-07	General visual inspection of the engine air intake compartments (including the internal zone between the engine air intakes), including EWIS	Perform a general visual inspection of the engine air intake compartments (including the internal zone between the engine air intakes). Check the structure and the system installations for security and general condition. Inspection to include restoration of EWIS (cleaning only if contaminated) in order to prevent combustible material accumulation.	1 year	89-A-20-82-00-03A-310A-A	200470Z-01 201470M-01	GBA, GER, KBA	All
20-08	General visual inspection of the forward fairing compartment (internal), including EWIS	Perform a general visual inspection of the forward fairing compartment (internal). Check the structure and the system installations for security and general condition. Inspection to include restoration of EWIS (cleaning only if contaminated) in order to prevent combustible material accumulation.	1 year	89-A-20-82-00-03A-310A-A	201450M-01 200450Z-01	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
20-09	General visual inspection of EWIS in the engine/APU compartments and in the exhausts fairing compartment (internal).	Perform a general visual inspection for condition of EWIS in the engine/APU compartments and in the exhausts fairing compartment (internal). Inspection to include restoration of EWIS (cleaning only if contaminated) in order to prevent combustible material accumulation.	1 year	89-A-20-82-00-03A-310A-A	201460M-01 201460M-02	GBA, GER, KBA	All
20-10	Special detailed inspection (borescope inspection) of high energy EWIS (115/200 Vac) below the APU compartment (internal)	Perform a special detailed inspection (borescope inspection) for condition of high energy EWIS (115/200 Vac) below the APU compartment (internal).	1 year	89-A-20-82-00-05A-31BA-A	201460M-03	GBA, GER, KBA	All
20-11	Restoration (cleaning only if contaminated) of EWIS in the drive shaft compartment.	Clean (only if contaminated) the EWIS in the drive shaft compartment in order to prevent dust accumulation.	1 year	89-A-20-82-00-04A-310A-A	201490M-01	GBA, GER, KBA	All
20-12	General visual inspection of the bonding strap in the tail rotor drive shaft compartment	Perform a general visual inspection for condition of the bonding strap installation in the tail rotor drive shaft compartment.	1 year	89-A-20-82-00-04A-310A-A	202490M-01	GBA, GER, KBA	All
20-13	Detailed inspection of the bonding strips on the main rotor blades and of the metallic plates installed in the main rotor assembly, including segments in contact with the metallic plates fixed on the main rotor hub	Perform a detailed inspection of the bonding strips on the main rotor blades and of the metallic plates installed in the main rotor assembly, including segments in contact with the metallic plates fixed on the main rotor hub. Check the condition of the bonding strips and metallic plates for lightning protection purpose.	1 year	89-A-62-11-00-01A-31AA-A	202400M-02 202400M-03	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
20-14	Detailed inspection of the metallic plates installed in the tail rotor assembly	Perform a detailed inspection for condition (lightning protection purpose) of the metallic plates installed in the tail rotor assembly.	1 year	89-A-64-11-00-01A-31AA-A	202400M-03	GBA, GER, KBA	All
20-34	General visual inspection of the lightning cable/conductor of the hoist	Perform a general visual inspection to verify the condition and the installation of the lightning cable and the connectors on the hoist supports.	1 year	89-A-20-81-00-12A-310A-A	202100M-02	GBA, GER, KBA GBA, GER GBA	K008 K050 K236
20-35	General visual inspection of the cockpit underbelly fuselage (internal)	Perform a general visual inspection to check systems installations and structure for security and general condition.	1 year	89-A-20-81-00-09B-310A-A	200125Z-01	GER	All
20-36	General visual inspection of the underbelly fuel tank LH/RH hose compartments (internal)	Perform a general visual inspection to check systems installations and structure for security and general condition.	1 year	89-A-20-81-00-02C-310A-A	200147Z-01	GER	All
20-49	Detailed inspection of the Full Ice Protection System (FIPS) electrical cables installed on the main rotor and the tail rotor	Perform a detailed inspection to check the wirings between the main rotor upper distributor and main rotor blades and between the tail rotor slip ring and the tail rotor blades for condition, chaffing, damage and security of installation.	1 year	89-A-20-82-00-09A-31AA-A	201400M-01	GBA, GER	K134
20-50	Detailed inspection of the ice detector bonding plate and connectors	Perform a detailed inspection to check the condition of the bonding plate and condition and integrity of the connectors and the shielded jumpers to the connector backshells.	1 year	89-A-20-81-00-17A-31AA-A	202100M-03 202100M-04	GBA, GER	K130 - K134

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
20-37	General visual inspection of the centre cabin fuselage cargo hook compartment (internal)	Perform a general visual inspection to check systems installations and structure for security and general condition.	1 year	89-A-20-81-00-13A-310A-A	200149Z-01	GER	All
20-38	Detailed inspection of the cargo hook assembly bonding strap and connectors (Note 58)	Perform a detailed inspection to verify the condition / correct attachment of the bonding strap and the condition / integrity of the connectors and the shielded jumpers.	1 year	89-A-25-92-00-01A-31AAA-A	202149M-01 202149M-02	GBA, GER, KBA	K040 - K240
20-51	General visual inspection of the LH/RH lower/upper rear fuselage	Perform a general visual inspection to check systems installations and structure for security and general condition.	1 year	89-A-20-81-00-05B-310A-A	200160Z-02	GBA, GER	K134
20-52	General visual inspection of the passenger cabin including the cabin doors (internal)	Perform a general visual inspection to check systems installations and structure for security and general condition.	1 year	89-A-20-81-00-06A-310A-A	200220Z-03	GER	KC04
23-03	Detailed inspection of the SkyTrac battery pack	Perform a detailed inspection to check for leakage and condition of the Li-ion battery pack.	1 year	89-A-23-16-03-01A-31AA-B	231500M-01	GBA, GER	K042
24-05	Restoration (deep cycle) of main battery (off aircraft) (Note 65)	Perform a restoration (deep cycle) of the main battery.	1 year	89-A-24-32-01-00A-200A-B	243000M-01	GBA, GER, KBA	All
24-06	Functional check (resistance measurement) of main battery temperature sensor (off aircraft) (Note 65)	Perform a functional check on both of the temperature sensors within the main battery for correct resistance value at specified temperature.	1 year	89-A-24-32-01-01A-340A-B	243000M-05	GBA, GER, KBA	All
24-09	Restoration (deep cycle) of the emergency power supply (off aircraft)	Perform a capacity test (deep cycle) of the emergency power supply.	1 year	89-A-24-33-01-00A-200A-B	342100M-02	GBA, GER, KBA	K098

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
25-02	Operational check of emergency locator transmitter (ELT) including G-Switch (off aircraft)	Perform an operational check of the ELT to confirm the aural buzzer activation and fault codes generation and emergency signal reception, including the operational check of the G-SWITCH to confirm aural tone activation by sudden movement.	1 year	89-A-25-61-01-01A-320A-A	256100M-01	GBA, GER	K001
25-03	Operational check of automatic deployable emergency locator transmitter (ADELT)	Perform an operational check (built-in test) of the ADELT to confirm sweep tones activation, "tx/test" and "beacon gone" indicators illumination.	1 year	89-A-25-62-00-00A-320A-A	256200M-01	GBA, GER, KBA	K002
25-07	Detailed inspection of pilot/co-pilot seat belts, including operational check of the seat belt locking mechanism and of the inertial mechanism	Perform a detailed inspection of seat belt for evident sign of damage and wear. Perform also an operational check of the seat belt inertial mechanism and of the seat belt locking mechanism to verify the correct functionality.	1 year	89-A-25-11-00-00A-31AA-A	251000M-03 251000M-02	GBA, GER, KBA	All
25-08	Detailed inspection of passenger seat belts, including operational check of the passengers seat belt locking mechanism and inertial mechanism	Perform a detailed inspection of seat belt for evident sign of damage and wear. Perform also an operational check of the seat belt inertial mechanism and of the seat belt locking mechanism to verify the correct functionality.	1 year	89-A-25-20-00-00A-31AA-A	252100M-02 252100M-03	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
25-10	Detailed inspection of automatic deployable emergency locator transmitter (ADELT) beacon and beacon release unit (off aircraft)	Perform a detailed inspection of: 1) beacon release unit (external visible part) and of the gasket between the beacon release unit and the beacon, 2) beacon (both sides) and gasket between the beacon case and the cover, 3) beacon firing bolt (removal of the beacon is required).	1 year	89-A-25-62-00-01A-31AA-A	256200M-05	GBA, GER, KBA	K002
25-11	Detailed inspection of automatic deployable emergency locator transmitter (ADELT) water activated switch	Perform a detailed inspection of the ADELT water activated switch and visible portion of the cables for correct installation, signs of deterioration/corrosion and condition.	1 year	89-A-25-62-03-00A-31AA-A	256200M-10	GBA, GER, KBA	K002
25-12	Detailed inspection of first aid kit	Perform a detailed inspection of the container for general condition and damage such as corrosion, broken latches/handles / mounting brackets, severe dents, torn gasket on inside lid (replace entire kit if container is damaged). Check also all contents for presence, completeness, general condition, obvious damage and expiration dates (replace item as necessary).	1 year	89-A-25-64-01-00A-31AA-A	256300M-01	GBA, GER, KBA	K014
25-24	Operational check of the hoist cable cut switches	Perform an operational check of the hoist cable cut switches on the pilot/copilot collective grips and hoist operator control panel to verify the continuity of electrical activation circuits, the availability of the 28 Vdc power supply and the correct functions.	1 year	89-A-25-91-00-00C-320A-A 89-B-25-91-00-00D-320A-A 89-C-25-91-00-00C-320A-A	259100M-07	GBA, GER, KBA GBA, GER GBA	K008 K193 K236

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
25-49	Detailed inspection of the hoist cable path (Note 21)	Perform a detailed inspection of the internal cable guide and roller cage tires (minor components removal is required).	1 year	89-A-25-91-00-05A-31AA-A 89-B-25-91-00-07A-31AA-A 89-C-25-91-00-05A-31AA-A	259100M-18	GBA, GER, KBA GBA, GER GBA	K008 K193 K236
25-25	General visual inspection of manual cable cutter	Perform a general visual inspection of the manual cable cutter to check the condition.	1 year	89-A-25-65-01-00A-310A-A	259100M-08 259300M-08	GBA, GER, KBA GBA, GER GBA	K008 K050 - K001 - K193 K236
25-14	Operational check of the hoist cable cut switches	Perform an operation check of all the hoist cable cut switches on the pilot/co-pilot collective grips and hoist operator control panel to verify the availability of the 28 Vdc power supply at the hoist electrical connection. Repeat for the second hoist.	1 year	89-A-25-93-00-00C-320A-A	259300M-07	GBA, GER	K050
25-52	Detailed inspection of the hoist cable path (Note 21)	Perform a detailed inspection of the internal cable guide and roller cage tires (minor components removal is required).	1 year	89-A-25-93-00-09A-31AA-A	259300M-19	GBA, GER	K050
25-15	Operational check of cargo hook emergency release function (Note 21)	Perform an operational check of the emergency load release function. Perform also an emergency load release test with cartridge simulator.	1 year	89-A-25-92-00-02A-320A-A	259200M-03	GBA, GER, KBA	K040 - K240
25-51	Operational check of cargo hook relatch mechanism (Note 21)	Perform an operational check to verify the correct operation of the relatch mechanism, checking the effectiveness of the relatch spring when the load arm is released.	1 year	89-A-25-92-00-03A-320A-A	259200M-05	GBA, GER, KBA	K040 - K240

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
25-48	Detailed inspection of seat belt	Perform a detailed inspection of all the cabin seat belts to verify evident signs of damage, wear and loss of security of attachment.	1 year	89-A-25-25-00-01A-31AAA-A	252400M-04	GER	K092 - KC01 - K215
25-17	Operational check of the seat belt locking and inertial mechanisms	Perform an operational check to verify the correct functionality of all the cabin seat belt locking mechanisms.	1 year	89-A-25-29-00-01A-31AAA-A	252400M-05	GBA, GER	K066
25-18	Detailed inspection of 4th row (rear row) centre passenger seat folding installation	Perform a detailed inspection of the 4th row centre passenger seat folding installation for condition, damage, corrosion and security of attachment.	1 year	89-A-25-25-00-01A-31AAA-A	252400M-06	GER	K092 - KC01 - K215
25-36	Functional check (gap measurement) of troop seat energy absorbing device	Perform a functional check to measure the gap between the upper sled and the upper edge.	1 year	89-A-25-25-00-02A-340A-A	252400M-07	GER	K092 - KC01
25-57	General visual inspection of the passenger cabin including the cabin doors (internal) (Note 12)	Perform a general visual inspection to check systems installations and structure for security and general condition.	1 year	89-A-25-85-00-00A-310A-A	200220Z-03	GER	KC04
25-58	Detailed inspection of sea tray and cabin floor (Note 12)	Perform a detailed inspection of the sea tray and the cabin floor underneath. Inspect the sea tray for cracks and damage. Check for evidence of water contamination and corrosion on cabin floor following the removal of the sea tray (removal of sea tray is required). Check the condition of the velcro tape and ensure there is no loss of adhesion.	1 year	89-A-25-85-00-00A-31AAA-A 89-B-25-85-00-00B-31AAA-A 89-C-25-85-00-00B-31AAA-A	258400M-01 258400M-01 258400M-01	GER GER GBA, KBA	KC04 K182 K227

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
26-02	Detailed inspection of portable fire extinguishers (Note 110)	Perform a detailed inspection for condition of portable fire extinguishers.	1 year	89-A-26-24-00-00A-31AA-A	262000M-10	GBA, GER, KBA	Note 109
26-17	Functional check (weight check) of portable fire extinguishers (off aircraft)	Perform a functional check (weight check) of portable fire extinguishers to confirm no leaks.	1 year	89-A-26-24-00-00A-340A-A	262000M-03	GBA, GER, KBA	All
26-18	Deleted						
26-03	Operational check of the fire extinguishing distribution pipework (engines / APU) (Note 13)	Perform an operational check of the fire extinguishing system distribution pipes (including nozzles) for blockage. Use a compressed air source to inject air in the distribution pipe system and confirm if the air is felt from the outlet nozzles.	1 year	89-A-26-20-00-00A-320A-A	262000M-06	GBA, GER, KBA	All
26-04	Functional check of fire protection "tee" check valve (off aircraft) (Note 13)	Perform a functional check of the ball seal to verify it can operate and reset within a defined pressure.	1 year	89-A-26-21-02-00A-320A-A 89-A-26-22-02-00A-320A-A	262000M-07	GBA, GER, KBA	All
26-05	Operational check of temperature compensated pressure switch (TCPS) indication circuits (Note 13)	Perform an operational check of TCPS to verify fire bottle low pressure indication. Press the test push button located on the engine bottles and verify the associated CAS message correctly illuminates on the PFD.	1 year	89-A-26-21-01-02A-320A-A 89-A-26-22-01-02A-320A-A 89-A-26-23-01-02A-320A-A	262000M-08	GBA, GER, KBA	All
26-06	General visual inspection of engine fire extinguishing bottles mountings (Note 13)	Perform a general visual inspection of the engine fire extinguishing bottles mountings for evidence of damage and deterioration. Check also the mounting lugs for security to the structure.	1 year	89-A-26-20-00-00A-310A-A	262000M-12	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
30-02	General visual inspection of windshield washing components	Perform a general visual inspection of the windshield washer system for conditions and fluid leaks. Examine all the visible areas of the flexible tubing wiper blade and arm, pipe joint, distribution flexible tubing, reservoir filler and flexible tubing.	1 year	89-A-30-42-00-00A-310A-A	304000M-01	GBA, GER, KBA	K015
31-03	Functional check (flight data read - out) of flight data recorder	Perform a flight data read - out to verify all mandatory parameters are active and of acceptable quality.	1 year	89-A-31-31-00-00A-340A-A	313100M-05	GBA, GER, KBA	All
31-04	Operational check of flight data recorder (FDR) automatic stop recording logics	Perform an operational check of flight data recorder (FDR) automatic stop recording logics to ensure no voice/data overriding. Check the "FDR FAIL" light illuminates after 60 seconds from engines-off, and the "CVR FAIL" light illuminates after 10 minutes from engines-off.	1 year	89-A-31-31-00-00A-320B-A	313100M-06	GBA, GER, KBA	All
31-05	Functional check of recorder independent power supply (RIPS) internal timer	Perform a functional check of the RIPS to verify 10 minutes of voice recording are ensured in case of loss of electrical power supply.	1 year	89-A-31-31-04-00A-340A-A	313100M-07	GBA, GER, KBA	All
32-08	Lubrication (greasing) of the LH/RH MLG link pivots between shock absorber and lever and LH/RH MLG link pivots between trailing arm and shock absorber (Note 58)	Grease the LH/RH MLG link pivots to maintain the grease contribution to corrosion protection.	1 year	89-A-12-20-06-00A-242A-A	321001S-01	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
32-10	Functional check (retraction extension time) of landing gear in normal operation (aircraft jacked) (Note 14)	With the aircraft on jacks, perform a functional check of the landing gear retraction/extension system. Confirm travel time of landing gear retraction is not longer than 10 seconds and normal extension is not longer than 7 seconds.	1 year	89-A-32-31-00-00A-340A-A	323000M-03	GBA, GER, KBA	All
32-11	Operational check of the landing gear control panel (LGCP) lever lock mechanism (aircraft jacked) (Note 14)	With the aircraft on jacks and weight on wheels simulated, perform an operational check of the LGCP lever to ensure it is locked in the landing gear down position.	1 year	89-A-32-31-01-00A-320A-A	323000M-04	GBA, GER, KBA	All
32-12	Operational check of landing gear emergency extension function and indication (aircraft jacked) (Note 14)	With the aircraft on jacks, perform an operational check of the landing gear emergency extension. Verify the landing gear moves in the down locked position, check the related messages on the CDS are correctly displayed and LGCP indication correctly illuminates.	1 year	89-A-32-31-00-00A-320A-A	323000M-05 326000M-01	GBA, GER, KBA	All
32-13	Detailed inspection of the LH/RH MLG trailing arm axes (including adjacent areas) and the visible parts of the LH/RH MLG wheel hub roller - bearings (aircraft jacked) (Notes 15 and 58)	Perform a detailed inspection for corrosion of the LH/RH MLG trailing arm axes and wheel hub roller bearings (removal of MLG wheels is required).	1 year	89-A-32-00-00-01A-31AA-A	321001S-02	GBA, GER, KBA	All
32-14	Detailed inspection of the visible parts of the NLG - wheel axle and the NLG sliding tube (aircraft jacked) (Notes 15 and 58)	Perform a detailed inspection for corrosion of the NLG wheel axle and the NLG sliding tube.	1 year	89-A-32-00-00-01A-31AA-A	322001S-01	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
32-16	Lubrication (greasing) of NLG and MLG wheel bearings (aircraft jacked) (Note 15)	Grease the NLG and MLG wheel bearings (removal of NLG and MLG wheels is required).	1 year	89-A-12-20-08-00A-242A-B	324000M-03	GBA, GER, KBA	All
32-17	Detailed inspection of NLG and MLG wheel bearings (aircraft jacked) (Note 15)	Perform a detailed inspection of the NLG and MLG wheels bearings for damage, scratches and scoring (removal of NLG and MLG wheels is required).	1 year	89-A-32-41-00-01A-31AA-B	324000M-04	GBA, GER, KBA	All
33-01	Operational check of the storm lights	Perform an operational check of the storm lights through the ECDU.	1 year	89-A-33-11-00-00B-320A-A	331000M-01	GBA, GER, KBA	All
33-02	Operational check of the electrical power supply unit (EPSU)	Perform an operational check of the EPSU by pressing the EPSU "test" pushbutton to verify charger and battery status.	1 year	89-A-33-51-01-00A-320A-A	335000M-01	GBA, GER, KBA	All
33-03	Operational check of emergency lights in automatic mode	Perform an operational check of emergency lights in automatic mode. Set the "LTG EMERG" toggle switch to "ARM", open the "LIGHTING EMERG" circuit breaker and confirm the emergency lights turn on.	1 year	89-A-33-51-00-00B-320A-A	335000M-02	GBA, GER, KBA	All
33-04	Operational check of the heels system	Perform an operational check of the heels system (with each immersion sensor) to verify all four green lights and the white light of each emergency exit window turn on.	1 year	89-A-33-52-00-00A-320A-A	335000M-03	GBA, KBA	K010 - K138
				89-B-33-52-00-00A-320A-A	335000M-03	GER	K061 - K138
				89-A-33-54-00-00A-320A-A	335000M-03	GBA, GER	K045

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
33-05	Operational check of cabin emergency lights pushbutton	Perform an operational check of the cabin emergency lights pushbutton. Press the "EMER LTS" pushbutton and confirm the emergency lights turn on.	1 year	89-A-33-51-00-00C-320A-A	335000M-05	GBA, GER, KBA	All
33-06	Operational check of emergency lights in manual mode	Perform an operational check of emergency lights in manual mode. Set the "LTG EMER" toggle switch to "ON" and confirm the emergency lights turn on.	1 year	89-A-33-51-00-00A-320A-A	335000M-06	GBA, GER, KBA	All
52-07	Detailed inspection of pilot/copilot door hinges	Perform a detailed inspection of the doors hinges for condition, integrity and wear (door removal is required).	1 year	89-A-52-11-00-01A-31AA-A	521100M-02	GBA, GER, KBA	All
53-36	Detailed inspection of rear fuselage, tail and fin sidewalls composite laminate and longerons on external surfaces	Perform a detailed inspection of external surfaces for damages and cracks.	1 year	89-A-53-10-00-02A-31AA-A 89-A-53-40-00-00C-31AA-A	--	GBA, GER, KBA	All
53-37	Detailed inspection of forward and aft fin spars to sidewall joint	Perform a detailed inspection for damages and cracks.	1 year	89-A-53-40-00-00B-31AA-A	--	GBA, GER, KBA	All
62-22	Detailed inspection of the main rotor conical ring upper (Notes 12, 57, 58 and 84)	Perform a detailed inspection for condition of the main rotor conical ring upper. Examine all the visible areas of the component to ensure there are no signs of corrosion (removal of the beanie is required).	1 year	89-A-62-21-03-00A-31AA-A	622000M-17	GBA, GER, KBA	All
62-26	Detailed inspection of the main rotor blade assembly (Notes 12, 57, 58 and 85)	Perform a detailed inspection of the main rotor blade and interface bushes for condition, environmental damage and corrosion.	1 year	89-A-62-11-01-00A-31AB-B	621000M-05	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
62-27	Deleted						
62-28	Detailed inspection of main rotor head assembly and hub assembly (Notes 12, 57, 58, 59 and 85)	Perform a detailed inspection of the rotor head for cracks, wear, security of attachment, component damage, evidence of corrosion and environmental damage. Inspection is to cover the hub internal surfaces, drive splines, hub nut and conical rings, and the visible areas of the hub, dampers, damper attachments, tension links, scissors attachment flanges, pitch links connections and tension bolts. Examine all areas of the main rotor head and hub assemblies to ensure they are in good condition and there is no evidence of cracking, wear or damage. Ensure all attaching bolts are secured. Also visually check the splines on the main gearbox output shaft (blades and head removal is required).	1 year	89-A-62-22-00-01A-31AA-B	622000M-06 622000M-14	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
62-31	Detailed inspection of main rotor rotating components (Notes 12, 57, 58, 84 and 88)	Perform a detailed inspection of the MR rotating assembly components for wear, play, corrosion and damage. Inspection to include main rotor pitch change link assemblies, rotating scissors assemblies, swashplate assembly, spherical pivot bearing, swashplate boot, main rotor controls boot, spherical pivot assembly and MR fixed swashplate centering plates. Examine all visible areas of the rotating controls to ensure they are in good condition, the corrosion protection is still intact and there is no evidence of wear, cracking, delamination in the elastomeric bearings or damage, or for grease contamination of the spherical pivot (component removal is not required, although lifting of the rubber boots is required for swashplate assembly and spherical pivot inspection). Examine also the pitch change link assemblies for effectiveness of rod sleeve hole sealing.	1 year	89-A-62-31-00-01A-31AA-A	623000M-02	GBA, GER, KBA	All
63-11	Detailed inspection of main rotor driveshaft (Notes 12 and 58)	Perform a detailed inspection of main gearbox main rotor shaft external surfaces only for condition and corrosion. Inspection is to cover the contact area with the shaft cover, main rotor nut and rotor hub (component disassembly is not required).	1 year	89-A-62-22-00-01A-31AA-A	632000M-15	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
63-25	Detailed inspection of main gearbox (MGB) casing and output rotor drive shaft (Notes 12, 57, 58 and 85)	Perform a detailed inspection for condition and corrosion of: 1) the main gearbox casing external surfaces (including top case, accessory mountings and brackets, input modules housings, oil pump covers, case blanking plates and all other structural parts), 2) the main gearbox main rotor driveshaft under the washplate boot (including contact area with the lower conical ring).	1 year	89-A-63-20-00-00A-31AD-A	632000M-07	GBA, GER, KBA	All
64-20	Detailed inspection of the tail rotor hub locknut and conical ring bolts (Notes 12, 57, 58 and 84)	Perform a detailed inspection of the tail rotor hub nut and conical ring bolts external surfaces for condition. Examine all the visible areas of the hub nut to ensure there is no corrosion.	1 year	89-A-64-21-00-00A-31AA-A	642000M-08	GBA, GER, KBA	All
64-22	Detailed inspection of the tail rotor blade assembly (Notes 12, 57, 58 and 85)	Perform a detailed inspection of the tail rotor blade assembly for condition, corrosion and environmental damage. Inspection is to cover the erosion shield, the tail rotor elastomeric bearing assembly, the pitch control arm and the blade bolt (removal of the tail rotor blade is recommended).	1 year	89-A-64-11-00-00A-31AB-B	641000M-07	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
64-23	Detailed inspection of the tail rotor spider to slider interface and duplex bearing (Notes 12, 57, 58 and 85)	Perform a detailed inspection for condition and corrosion of the tail rotor spider (pitch beam) to slider interface (removal of the spider assembly is required) and of the tail rotor duplex bearing interface with bearing flange (removal of the bearing flange is required).	1 year	89-A-64-31-04-00A-31AA-B	643000M-11	GBA, GER, KBA	All
64-25	Detailed inspection of tail rotor head assembly and rotating control components (Notes 12, 57, 60 and 85)	Perform a detailed inspection of the rotor head and rotating controls for cracks, wear, security of attachment corrosion and damage. Inspection is to cover the hub, lag dampers, damper attachment, scissor attachment, hub locknut, locking flange and conical ring bolts, upper and lower conical rings, the visible areas of the slider, spider, scissor attachment, control rod nut, bushes pitch links and fasteners. Examine all visible areas of the head assembly and rotating controls to ensure they are in good condition and there is no evidence of cracking, wear, corrosion or damage. Ensure all attaching bolts are secured (removal of the tail rotor hub is required).	1 year	89-A-64-21-00-01A-31AA-B	642000M-03 643000M-03	GBA, GER, KBA	All
65-23	Detailed inspection of the intermediate gearbox (IGB) input and output housings (Notes 57, 58 and 85)	Perform a detailed inspection of the IGB input and output housings for condition, damage and corrosion.	1 year	89-A-65-21-00-00A-31AB-A	652100M-06	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
65-24	Detailed inspection of the tail gearbox (TGB) input and centre housing and output gear (external part of shaft only) (Notes 57, 58 and 85)	Perform a detailed inspection for damage, condition and corrosion of the TGB input and centre housing, and of the TGB output shaft.	1 year	89-A-65-22-00-00A-31AB-A	652200M-07 652200M-12	GBA, GER, KBA	All
65-26	Detailed inspection of the tail rotor drive shaft (TRDS) number 2, 3 and 4 (Notes 12, 57, 58 and 86)	Perform a detailed inspection for damage, condition and corrosion of the number 2, 3 and 4 drive shafts (removal of the drive shafts is recommended)	1 year	89-A-65-11-00-00A-31AB-B	651000M-12	GBA, GER, KBA	All
65-28	Detailed inspection of tail rotor drive shaft (TRDS) connecting bolts, damper and bearing housing assemblies (Notes 12, 57, 58, 62 and 85)	Perform a detailed inspection for condition, corrosion and damage of the TRDS connecting bolts, number 1 and 2 drive shaft damper wear ring and number 1 and 2 bearing housing assemblies (visible areas only)	1 year	89-A-65-11-00-00A-31AC-A	651000M-05	GBA, GER, KBA	All
95-01	Operational check of the emergency flotation activation system	Perform an operational check of the automatic emergency flotation activation and inflation systems to verify the continuity of electrical activation circuits and the correct functions (disconnection of the inflation system electrical connector is required).	1 year	89-A-95-61-00-00A-320A-A	956100M-01 956100M-08	GBA, GER, KBA	K007 K086
95-02	Detailed inspection of float installation with functional check (pressure check) of inflation system bags (off-air-craft) (Note 83)	Perform a detailed inspection of float assembly for condition. Perform also a functional check of flotation bags to verify absence of leakages and correct operation (emergency flotation system removal is required).	1 year	89-A-95-61-00-02A-31AA-B	956100M-02 956100M-03	GBA, GER, KBA	K007 K086

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
95-03	Operational check of the pilot / co-pilot life raft cables	Perform an operational check to verify the correct sliding of the cable inside the sheath. Check also the protruding ends for condition and integrity (disconnection of life-rafts cable is required).	1 year	89-A-25-63-00-01A-320A-A	956200M-01	GBA, GER, KBA	K005
95-04	Detailed inspection of life raft for integrity and condition (off aircraft) (Notes 16 and 117)	Perform a detailed inspection of life raft for integrity. Check also all the parts for conditions and serviceability. Inspection to include liferaft and composite closure system, inflation system, liferaft ELT, sea light and battery pack (removal of the rafts is required).	1 year (Note 118)	89-A-25-63-09-01A-31AA-B	956200M-02	GBA, GER, KBA	K005
95-06	Detailed inspection of life vest package	Perform a detailed inspection for condition and presence and proper life limit date of the life vest package applicable labels (life vest removal is not required).	1 year	89-A-25-66-00-00A-31AA-A	956200M-07	GBA, GER, KBA	K047 - K048 - K196 K049
95-08	Operational check of life raft emergency locator transmitter (off aircraft) (Note 117)	Perform an operational check to verify the correct function of the life raft emergency locator transmitter.	1 year	89-A-25-63-10-00A-343A-B	956200M-12	GBA, GER, KBA	K005
20-15	General visual inspection of the internal cockpit area	Perform a general visual inspection of the cockpit system installations for condition, attachment security and damage.	2 years	89-A-20-81-00-04A-310A-A	200210Z-01	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
20-16	General visual inspection of the nose landing gear (NLG) assembly and installation, including retraction actuator compartment and the upper surface of the WL1050 inter-seat panel (Note 31)	Perform a general visual inspection for security and general condition of the NLG assembly and installation, retraction actuator compartment and the upper surface of the WL1050 interseat panel.	2 years	89-A-20-83-00-01B-310A-A	200124Z-01 200700Z-01 533101S-03	GBA, GER, KBA	All
20-17	General visual inspection of the STA7200 and STA8150 rear underfloor bulkheads, lower surface of the rear floor panels, internal and external LH/RH rear sidewalls. Inspection to cover all systems installations in the LH/RH lower/upper fuselage (Notes 32 and 58)	Perform a general visual inspection of the rear fuselage (internal and external) for condition, damage and corrosion. Examine all visible areas of the structure for dents, scratches, corrosion, and delamination of composite parts, focusing on STA6700 tunnel surrounding airframe structure (4 angles). Check also systems installation and EWIS for security and general condition.	2 years	89-A-20-81-00-05A-310A-A	200160Z-01 201160M-01 534001S-03 534002S-02 534002S-03	GBA, GER, KBA	All
20-18	Detailed inspection of the main cabin floor panels, LH/RH STA3800 and STA5700 frame cover panels and cabin doors (internal) (Notes 12 and 58)	Perform a detailed inspection of the WL1050 floor panels for condition and corrosion, and of the STA3800/5700 frames cover panels for accidental damage. Check also main cabin systems installations and structure (doors included) for security and general condition.	2 years	89-A-20-81-00-06A-31AA-A	200220Z-02 533001S-02 533101S-07 533505S-01	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
20-19	General visual inspection of the internal drive shaft compartment, and of the internal tail cone and tail pylon area, including EWIS.	Perform a general visual inspection of the internal surface of the LH/RH tail fin panel, the FWD/AFT spar assembly, the LH/RH tail cone and belly panels below the IGB installation, and the internal areas adjacent to IGB and TGB installations. Check systems installations and structure for security and general condition. Inspect the bonding strap between the upper trailing edge of the tail pylon and the TGB fairing for condition and proper installation. Inspection to include restoration of EWIS installed in the tail cone and in the trailing edge of the tail pylon (cleaning only if contaminated).	2 years	89-A-20-84-00-01A-310A-A	200490Z-01 200310Z-01 202310M-01 201310M-01 535006S-04 535007S-02	GBA, GER, KBA	All
20-20	General visual inspection of the main landing gears (Note 33)	Perform a general visual inspection of the MLG installation for security and general condition.	2 years	89-A-20-83-00-02A-310A-A	200700Z-01	GBA, GER, KBA	All
20-21	Detailed inspection of the lightning diverter and the diverter attachments on the radome.	Perform a detailed inspection of the lightning diverter and the diverter attachments on the radome for condition and correct installation.	2 years	89-A-20-81-00-07A-31AA-A	202100M-01	GBA, GER, KBA	All
20-22	Detailed inspection of EWIS in the forward fairing compartment (internal) (Note 38)	Perform a detailed inspection for condition of the EWIS in the forward fairing compartment (internal).	2 years	89-A-20-82-00-07A-31AA-A	201450M-02	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
20-23	General visual inspection of EWIS (high energy only) in the engine air intake compartments, including the zone between the engine air intakes (internal)	Perform a general visual inspection for condition of EWIS (high energy only) in the engine air intake compartments, including the zone between the engine air intakes (internal).	2 years	89-A-20-82-00-08A-310A-A	201470M-02	GBA, GER, KBA	All
20-24	General visual inspection of the main landing gear (MLG) sponsons and compartments (EWIS included) (Note 34)	Perform a general visual inspection of the MLG sponson and compartments. Check systems installations, structure and EWIS for security and general condition.	2 years	89-A-20-81-00-08A-310A-A	200153Z-01 201153M-01	GBA, GER, KBA	All
20-39	General visual inspection of the centre cabin lower fuselage (internal)	Perform a general visual inspection to check systems installations and structure for security and general condition.	2 years	89-A-20-81-00-10B-310A-A	200134Z-01	GER	All
20-40	General visual inspection of EWIS in the underbelly fuel tanks LH/RH hose compartments (internal)	Perform a general visual inspection to check the condition of EWIS.	2 years	89-A-20-81-00-02E-310A-A	201147M-01	GER	All
20-48	General visual inspection of EWIS below the interseat console (internal)	Perform a general visual inspection for condition of the EWIS below the interseat console, including restoration (cleaning only if contaminated) in order to prevent combustible material accumulation.	2 years	89-A-20-81-00-16A-310A-A	201210M-03 201210M-04	GBA, GER, KBA	All
23-02	Operational check of ICS manual emergency mode	Perform an operational check of the manual selection option of the emergency mode for the VHF audio communication.	2 years	89-A-23-51-00-00B-320A-A	235000M-01 235200M-01	GBA, GER, KBA GBA, GER	All K081

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
25-05	General visual inspection of wire strike protection components	Perform a general visual inspection of the wire strike protection components for evidence of structural failure. Check also the cutting edge for evidence of corrosion.	2 years	89-A-25-67-00-00A-310A-A	954000M-01	GBA, GER, KBA	K065
25-16	Detailed inspection of pilot/co-pilot and cabin seat structure and attachment points to tracks (including tracks and locking pins), and of fourth row seat structure and attachment points to fitting (including fittings).	Perform a detailed inspection for wear and damage of pilot/co-pilot and cabin seats structure and attachment points to the tracks, and of fourth row seats attachment points to fittings. Check also tracks and fittings (including adjustment locking pins) for wear, damage, deformation, cracks, corrosion and condition and seat position to ensure the energy absorption device integrity (seats removal is required).	2 years	89-A-25-00-00-01A-31AA-A	251000M-01 252100M-01 252100M-05	GBA, GER, KBA	All
25-26	Detailed inspection of the cabin ceiling hooks (Note 82)	Perform a detailed inspection to the ceiling hooks. Carefully examine using, if necessary, a mirror and a torch and inspect for wear, damage, corrosion and correct security of attachment to the aircraft structure.	2 years	89-A-25-68-00-00A-31AA-A 89-B-25-68-00-00A-31AA-A	259100M-14	GBA, GER, KBA GBA, GER GBA	K008 K193 K236

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
25-27	Detailed inspection of the hoist assembly mountings, fairings and anchor bolts (Note 58)	Perform a detailed inspection of the hoist assembly mounting and fairings to check for condition, wear, damage and security of attachment. Examine also the structural interface between the hoist assembly and the boom for damage, corrosion and security of attachment. Perform a detailed inspection to detect corrosion of the anchor bolts. Removal and cleaning of bolts is required. Remove, inspect and reinstall one bolt at a time.	2 years	89-A-25-91-00-02A-31AA-A	259100M-17 259101S-03 259102S-02	GBA, GER, KBA	K008
				89-C-25-91-00-02A-31AA-A		GBA	K236
25-38	Detailed inspection of the hoist assembly mountings, fairings and anchor bolts (Note 58)	Perform a detailed inspection of the hoist assembly mounting and fairings to check for condition, wear, damage and security of attachment. Examine also the structural interface between the hoist assembly and the boom for damage, corrosion and security of attachment. Perform a detailed inspection to detect corrosion of the anchor bolts. Removal and cleaning of bolts is required. Remove, inspect and reinstall one bolt at a time.	2 years	89-A-25-93-00-01A-31AA-A	259300M-12 259102S-02	GBA, GER	K050
25-39	Detailed inspection of the cabin ceiling hooks (Note 82)	Perform a detailed inspection to the ceiling hooks. Carefully examine using, if necessary, a mirror and a torch and inspect for wear, damage, corrosion and correct security of attachment to the aircraft structure.	2 years	89-A-25-68-00-00A-31AA-A	259300M-15	GBA, GER	K050

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
25-41	Detailed inspection of troop seat assembly	Perform a detailed inspection of the folding troop seats for corrosion, damage, condition and cleanliness, including the seat belt system.	2 years	89-A-25-25-00-03A-31AA-A	252400M-01	GER	K092 - KC01
25-42	Detailed inspection of troop seat floor / ceiling seat track	Perform a detailed inspection of troop seat ceiling and floor tracks. Using a strong light and, where necessary mirror and magnifying glass, examine all visible areas of the components to ensure the security of attachment and no damage or wear. Seat removal required.	2 years	89-A-25-25-00-03A-31AA-A	252400M-02	GER	K092 - KC01
25-43	Detailed inspection of 4th row (rear row) passenger seat fittings	Perform a detailed inspection of 4th row seat pan attachment points (seat pan and fuel bay panel fittings) to check for wear and damage. 4th row seat pan removal required. Using a strong light, inspect the components to ensure no damage or wear.	2 years	89-A-25-29-00-02A-31AA-A	252400M-03	GBA, GER	K066 - K215
25-66	General visual inspection of ceiling handle	Perform a general visual inspection of cabin ceiling handle. Examine all areas of the components to ensure the security of attachment and no damage or wear. Ensure hook keepers are free to move and return to the closed position. Strap removal is not required.	2 years	89-A-25-31-01-00A-310A-A	200220Z-02	GBA, GER, KBA	K084

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
25-54	General visual inspection of cabin ceiling rings	<p>Perform a general visual inspection of the six ceiling mounted ring assemblies for wear, damage, corrosion and correct security to the aircraft structure. Ensure no play visible between the mounting plate and each of the 4 bolts. Inspection includes the handle tube device (if installed)</p>	2 years	<p>89-A-25-35-01-00A-310A-A</p> <p>89-B-25-35-00-00A-310A-A</p>	259800M-01	GBA, GER, KBA	K111
25-56	Detailed inspection of stowage provision floor anchor points and wall rails	<p>Perform a detailed inspection using a strong light and examine all the visible areas of the components to ensure security of attachment and no damage or wear. Stowed equipment should be removed for access where required.</p>	2 years	89-A-25-54-00-00A-31AA-A	255000M-02	GBA, GER	K142
25-59	Detailed inspection of the cabin ceiling hooks	<p>Perform a detailed inspection to the ceiling hooks. Carefully examine using, if necessary, a mirror and a torch and inspect for wear, damage, corrosion and correct security of attachment to the aircraft structure.</p>	2 years	89-A-25-68-00-00B-31AA-A	259800M-02	GER	KC04
25-67	Detailed inspection of the ceiling reinforced hard point rings	<p>Perform a detailed inspection of the ceiling mounted rings, pivot mechanism and teflon washers for wear and damage. Check also that there is no visible play between the mounting plate and each of the four bolts.</p>	2 years	89-C-25-35-00-03A-31AA-A	259800M-03	GBA, GER	K166

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
25-79	Detailed inspection of the single hoist boom trunnion ball bearing and rotary actuator base plate including anchor bolts (Note 58)	Perform a detailed inspection to detect sign of corrosion on the boom trunnion ball bearing, hoist boom rotary actuator base plate and its anchor bolts. The single hoist support boom removal required. Cleaning of the item under examination is required. Removal and cleaning of bolts are required.	2 years	89-B-25-91-03-00A-31AA-B	259105S-02	GBA, GER	K193
25-80	Detailed inspection of the hoist support-adapter plate fit bolts and the hoist support base anchor bolts (Note 58)	Perform a detailed inspection to detect corrosion on the fit bolts and the anchor bolts. Removal and cleaning of bolts is required. Remove, inspect and reinstall one bolt at a time.	2 years	89-B-25-91-00-03A-31AA-A	259106S-02	GBA, GER	K193
25-81	Detailed inspection of the hoist assembly mounting and fairing	Perform a detailed inspection of the hoist assembly mounting and fairings to check for condition, wear, damage and security of attachment.	2 years	89-B-25-91-02-00A-31AA-A	--	GBA, GER	K193
31-06	General visual inspection of stand-by compass	Perform a general visual inspection of the stand-by compass for correct attachment to the support, and absence of leaks. Check the liquid in the compass bowl is clear and does not contain bubbles or sediments. Check also for presence of correction card.	2 years	89-A-31-22-01-00A-310A-A	312100M-01	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
31-07	Functional check (recording fidelity) of flight data recorder	Perform functional check of cockpit voice recorder to verify fidelity and quality of in-flight audio recording. In addition perform the functional check of the EAFR cockpit camera (if installed) to evaluate the quality in-flight video recording.	2 years	89-A-31-31-00-00A-340B-A	313100M-01	GBA, GER, KBA	All
32-20	Detailed inspection of the NLG shock structure assembly, LH/RH STA1785 bracket assembly (visible part), NLG retracting actuator pin, and visible parts of the mating surface of wheel axle with the wheel rims (including the NLG wheels hubs and roller bearings) (Notes 31 and 58)	Perform a detailed inspection for condition and corrosion of the NLG shock structure assembly, the LH/RH NLG brackets and spherical bearings at STA1785 (both sides), and the NLG retraction actuator pin (pin removal is required). Examine all the visible areas of the wheel axle, wheel hubs and wheel roller bearings assemblies and mating surfaces for condition and corrosion (wheels removal required).	2 years	89-A-32-21-00-00B-31AA-A	322001S-02 322001S-03 322001S-04 533102S-01	GBA, GER, KBA	All
32-21	Detailed inspection of the LH/RH link pivots between trailing arm and shock absorber, LH/RH trailing arm assembly, visible part of wheel hubs and lower part of shock absorbers (Notes 34 and 58)	Perform a detailed inspection for condition and corrosion of the LH/RH link pivots between trailing arm and shock absorber, LH/RH trailing arm assembly, visible part of wheel hubs and lower part of shock absorbers.	2 years	89-A-32-10-00-00B-31AA-A	321001S-03 321001S-04	GBA, GER, KBA	All
33-14	Operational check of NVG lighting system	Perform an operational check of NVG equipment to verify correct lighting performance.	2 years	89-A-33-67-00-00A-320A-A	--	GBA, GER	K153

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
34-03	Functional check (continuity check) of the lightning diverter on the glideslope fairing	Perform a continuity check to check the condition and the installation of the glideslope diverter using the probes of a multimeter to confirm that the reading of resistance is equal or less than the permissible resistance value.	2 years	89-A-34-32-02-00A-365A-A	202100M-05	GER	K139
46-01	Operational check of automatic and manual aircraft & mission management computer (AMMC) reversionary function (Note 35)	Perform an operational check of the AMMC master/stand-by configuration selection and automatic/manual reversionary function.	2 years	89-A-46-21-00-01A-320A-A	462000M-01	GBA, GER, KBA	All
46-02	Operational check of attitude heading reference system (AHRS), air data system (ADS) and display unit (DU) reversionary switches (Notes 35 and 92)	Perform a operational check of the DU composite format reversion and the AHRS/ADS source selection by reversionary control panel.	2 years	89-A-46-31-00-02A-320A-A 89-A-46-31-00-03A-320A-A 89-A-46-31-00-04A-320A-A	342200M-01 463000M-01	GBA, GER, KBA	All
49-14	Detailed inspection of the visible parts of the APU attachments spherical bearings (Note 58)	Perform a detailed inspection of the APU attachment spherical bearings for corrosion and damage. Check also the APU forward mount assembly bearing, the bearing housing assembly bearing, and the link assembly bearings for condition and security.	2 years	89-A-49-11-01-00C-31AAA-A	491000M-01 491001S-01	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
50-01	Detailed inspection of baggage compartment boxes in cabin and fittings.	Perform a detailed inspection of cabin baggage compartment boxes and fixing devices on rails. Using a strong light, examine all the visible areas of the components to ensure security of attachment and no damage or wear.	2 years	89-A-50-11-00-00A-31AA-B	255000M-03	GBA, GER	K158
52-01	Detailed inspection of roller bearing area of the LH/RH door hinge-trolley assemblies (Note 58)	Perform a detailed inspection for corrosion of roller bearing area of the LH/RH door hinge-trolley assemblies.	2 years	89-A-52-12-00-02A-31AA-A	521301S-01	GBA, GER, KBA	All
53-01	Detailed inspection of the rear fuselage structure (Notes 32 and 58)	Perform a detailed inspection for condition and corrosion of the external surface of the rear lower panel assembly, rear floor panels upper surface and roof upper surface (taking particular attention to the interface between titanium and aluminium panels). Examine all visible areas of the rear roof lower/internal surface and of the lower panel assembly upper/internal surface.	2 years	89-A-53-10-00-04A-31AA-A	534001S-01 534002S-01 534001S-02 534001S-04 534001S-05	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
53-02	Detailed inspection of LH/RH STA5700 frames (including lower lugs), frame reinforcements and main landing gear (MLG) fittings assemblies, and of the LH/RH BL950 under floor longerons in the main landing gear compartments area (Notes 33 and 58)	Perform a detailed inspection for corrosion and condition of the LH/RH BL950 under floor longerons and of the LH/RH STA5700 frame lower lugs, reinforcements and MLG fittings in the main landing gear compartments area. Check also the STA5700 MLG fittings interface surfaces adjacent to the anchor bolts and bolt head for corrosion and condition.	2 years	89-A-53-10-00-00B-31AA-A	533002S-01 533507S-01 533508S-01 533001S-01	GBA, GER, KBA	All
53-03	Detailed inspection of the lower surface of the aircraft lower panels (Note 58)	Perform a detailed inspection for condition and corrosion of the lower surface (external) of the lower panel relevant to the floor structure assembly.	2 years	89-A-53-10-00-00C-31AA-A	533101S-02	GBA, GER, KBA	All
53-04	Detailed inspection of visible parts of the upper surface of WL2670 panel (Note 38)	Perform a detailed inspection of the upper structure panel external surface for damages due to maintenance activity (dent, scratch, blistering) or to fluid spillage (hydraulic fluid, lubricating oil).	2 years	89-A-53-10-00-00A-31AA-A	533301S-01	GBA, GER, KBA	All
53-27	Detailed inspection of the lower surfaces of the lower panels in the underbelly and cockpit areas (Note 58)	Perform a detailed inspection to detect damage of the lower surface of the lower panels, due to runway and landing area debris and ground handling. To detect corrosion that potentially affect of the lower surface of the lower panels in the underbelly and cockpit areas (uniform type). Cleaning of the surface to be examined is required.	2 years	89-A-53-10-00-00W-31AA-A	533106S-02	GER	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
53-28	General visual inspection of the upper surface of the WL1050 interseat panel	Perform a general visual inspection to check the condition of the WL1050 interseat panel upper surface, due to maintenance activity (dent, scratch) and to fluid spillage (e.g. Hydraulic fluid).	2 years	89-A-53-10-00-00D-310A-A	533106S-03	GER	All
53-38	Detailed inspection of rear fuselage, tail and fin side-walls composite laminate, STA8700 frames and longerons on internal surfaces	Perform a detailed inspection of internal surfaces for damages and cracks.	2 year	89-A-53-10-00-06A-31AA-A 89-A-53-40-00-00I-31AA-A	--	GBA, GER, KBA	All
55-04	Functional check (weight check) of dressed tailplane	Perform a weight check of the dressed tailplane to verify absence of humidity absorption.	2 years	89-A-55-11-01-00A-100A-B	--	GBA, GER, KBA	All
56-01	General visual inspection of cockpit and cabin door window emergency release device pull straps (Note 71 and 93)	General visual inspection of all cockpit and cabin door window emergency release device internal and external pull straps for condition.	2 years	89-A-56-00-00-00A-310A-B	561000M-03 562000M-03	GBA, GER, KBA	All
56-02	Operational check of bubble window emergency release device	Perform an operational check to verify the correct operation of the LH and RH bubble window emergency release mechanism. Ensure the release handle is positively locked in the horizontal position before button pressed.	2 years	89-A-56-22-00-01A-320A-A	562100M-01	GBA, GER	K051

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
62-23	Detailed inspection of the main rotor elastomeric spherical bearing (composite interfaces) (Note 12)	Perform a detailed inspection for condition of the main rotor elastomeric spherical bearing interface with the tension link. Examine all the visible areas of the elastomeric spherical bearing to ensure there is no corrosion (component removal is not required).	2 years	89-A-62-22-00-05A-31AA-A	622000M-20	GBA, GER, KBA	All
63-15	Detailed inspection of the visible parts of anti-torque beam assembly (Note 58)	Perform a detailed inspection for damage of the anti-torque beam upper surface. Check also the bolted joint to the airframe for condition (integrity of the sealing), and the surfaces adjacent to the STA5100 anti-torque fittings for corrosion.	2 years	89-A-63-20-00-00B-31AB-A	633010S-01	GBA, GER, KBA	All
71-10	Detailed inspection of LH/RH engine inboard / outboard rear mounts (link and bracket bearings) (Note 29)	Perform a detailed inspection of the LH/RH, I/B and O/B rear engine mounts (link and bracket bearings) for condition, security and tactile assessment. Check also components for absence of seizure (engine removal is required).	2 years	89-A-71-20-00-01A-31AA-A 89-A-71-20-00-02A-31AA-A	712000M-01	GBA, GER, KBA	All
71-11	Detailed inspection of the visible part of the spherical bearings of the port /starboard engine support joint and engine support bracket including connection bolts sealing (Note 58)	Perform a detailed inspection for corrosion of the engine support joint and support bracket spherical bearings including adjacent areas. Check also sealing of the connection bolts for integrity.	2 years	89-A-71-20-00-01A-31AA-A 89-A-71-20-00-02A-31AA-A	712002S-01 712001S-01	GBA, GER	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
71-12	General visual inspection of the engine intake seals (Note 30)	Perform a general visual inspection of the engine intake seals for wear, degradation and correct attachment.	2 years	89-A-71-32-01-00A-310A-A 89-A-71-32-02-00A-310A-A	713000M-03	GBA, GER	All
71-23	Detailed inspection of the visible parts of port / starboard engine support bracket spherical bearings and engine support brackets anchor bolted joint sealing integrity	Perform a detailed inspection for corrosion of the bracket spherical bearing including adjacent areas. Check also sealing of the connection bolts for integrity.	2 years	89-B-71-32-01-00A-310A-A 89-B-71-32-02-00A-310A-A 89-B-71-20-00-01A-31AA-A 89-B-71-20-00-02A-31AA-A	712002S-01	KBA	All
95-05	Detailed inspection of life raft survival kit, including operational check (off aircraft) of light system (Note 76 and 97)	Perform a detailed inspection of the life raft survival kit for conditions. Check also all contents for presence, completeness, general condition, obvious damage and expiration dates (replace item as necessary). Cleaning of the revers osmosis pump is required. Inspection to include an operational check of the emergency lights, including battery, for condition and correct function.	30 months	89-A-25-63-09-01B-31AA-B	956200M-05 956200M-09	GBA, GER, KBA	K005
95-09	Functional check (pressure check) of life raft (off aircraft) (Note 76)	Perform a functional check of life raft to verify correct function and absence of leaks (removal of the rafts is required).	30 months (Note 97)	89-A-25-63-09-01A-340A-B	956200M-03	GBA, GER, KBA	K005
95-07	Deleted						
25-20	Operational check of automatic deployable emergency locator transmitter (ADELT) water activated switch	Perform an operational check of the ADELT water activated switch.	3 years	89-A-25-62-03-00A-320A-A	256200M-09	GBA, GER, KBA	K002

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
25-21	Functional check (continuity check) of automatic deployable emergency locator transmitter (ADELT) control panel switches (Note 39)	Perform a functional check to verify the correct operation of the manually operated switches of the ADELT control panel (TRANSMIT and DEPLOY).	3 years	89-A-25-62-01-00A-340A-B	256200M-11	GBA, GER, KBA	K002
20-25	General visual inspection of the lower forward fuselage area (internal) (Note 48)	Perform a general visual inspection of the lower forward fuselage area (internal). Check systems installations and structure for security and general condition.	4 years	89-A-20-81-00-09A-310A-A	200121Z-01 200121Z-02	GBA, GER, KBA	All
20-26	General visual inspection of the center forward cabin lower fuselage and LH/RH center cabin lower fuselage compartments (internal), including EWIS.	Perform a general visual inspection of the center forward cabin lower fuselage and LH/RH center cabin lower fuselage compartments (internal). Check the structure, system installations and EWIS for security and general condition (auxiliary fuel tanks displacement is required, if installed).	4 years	89-A-20-81-00-10A-310A-A	200130Z-01 201130M-01	GBA, KBA	All
20-27	General visual inspection of fuel compartment, including EWIS and internal area of the fuel tanks.	Perform a general visual inspection of fuel compartment (internal). Check systems installations, EWIS and structure for security and general condition (fuel tanks displacement is required, including central auxiliary fuel tank if installed).	4 years	89-A-20-81-00-02B-310A-A	200151Z-01 201151M-01	GBA, KBA	All
20-28	General visual inspection of cabin roof and upper fuselage (internal)	Perform a general visual inspection of cabin roof and upper fuselage (internal). Check the systems installations and structure for security and general condition.	4 years	89-A-20-81-00-03A-310A-A	200170Z-01	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
20-29	General visual inspection of the lower surface of the WL2470 panel, including EWIS in the cabin roof and upper fuselage (Notes 47 and 58)	Perform a general visual inspection of the lower surface of the WL2470 panel for damage and corrosion. Inspection to include restoration of EWIS installed in the cabin roof and upper fuselage (cleaning only if contaminated).	4 years	89-A-20-81-00-03B-310A-A	201170M-01 533301S-02	GBA, GER, KBA	All
20-30	General visual inspection, including restoration (cleaning only if contaminated), of EWIS behind the instrument panel.	Perform a general visual inspection for condition of the EWIS behind the instrument panel, including restoration (cleaning only if contaminated) in order to prevent combustible material accumulation.	4 years	89-A-20-81-00-04B-310A-A	201210M-01 201210M-02	GBA, GER, KBA	All
20-41	General visual inspection of installation, structure and EWIS in the underbelly fuel compartments including internal area of the fuel tanks access	Perform a general visual inspection to check EWIS condition, systems installations and structure for security and general condition including LH/RH and centre underbelly fuel tanks.	4 years	89-A-20-81-00-15A-310A-A	200135Z-01 201135M-01	GER	All
20-42	General visual inspection of EWIS in the cockpit underbelly fuselage (internal)	Perform a general visual inspection to check the condition of EWIS.	4 years	89-A-20-81-00-09C-310A-A	201125M-01	GER	All
20-43	General visual inspection of EWIS in the lower and underbelly fuselage sides (internal)	Perform a general visual inspection to check the condition of EWIS.	4 years	89-A-20-81-00-14B-310A-A	201131M-01	GER	All
20-44	General visual inspection of EWIS in the centre cabin lower fuselage (internal)	Perform a general visual inspection to check the condition of EWIS.	4 years	89-A-20-81-00-10C-310A-A	201134M-01	GER	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
20-45	General visual inspection of EWIS in the left and right main fuel tank compartments and lower cowling compartments (internal)	Perform a general visual inspection to check the condition of EWIS.	4 years	89-A-20-81-00-02F-310A-A	201151M-02	GER	All
21-03	General visual inspection of cabinet cooling duct	Perform a general visual inspection of the avionics cabinet cooling duct for condition, security of attachment and blockage. Removal of panels for access to duct required.	4 years	89-A-21-23-19-00A-310A-A	212000M-01 300200M-07	GBA GBA, GER	KC03 K134
25-68	Detailed inspection of the hard points ring (visible parts) assy and anchor bolts (bolts removal required)	Perform a detailed inspection to detect sign of corrosion on the hard points ring assy and sealant integrity and to detect corrosion on the hard points ring anchor bolts. Anchor bolt removal and cleaning are required. Remove, inspect and reinstall one bolt at a time. Cleaning the item under examination is required. In the event of damaged sealant remove the ring assy for checking the cabin roof condition.	4 years	89-C-25-35-00-01A-31AAA-A 89-C-25-35-00-02A-31AAA-A	259002S-01	GBA, GER	K166
25-78	Detailed inspection of the visible part of the single hoist structural boom assy and rescue hoist anchor bolts connecting the boom (Notes 58 and 104)	Perform a detailed inspection to detect corrosion on the single hoist structural boom assy and on the rescue hoist anchor bolts. Cleaning of the item under examination is required. Removal and cleaning of bolts are required. Remove, inspect and reinstall one bolt at a time.	4 years	89-B-25-91-01-00A-31AAA-A	259105S-01	GBA, GER	K193

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
32-22	Detailed inspection of the MLG LH/RH link pivots, LH/RH levers, LH/RH shock absorbers and LH/RH retracting actuators (including visible parts of shock absorber and retracting actuator spherical bearings) (Note 58)	Perform a detailed inspection of the MLG LH/RH levers, LH/RH shock absorbers and LH/RH retracting actuators for condition and corrosion. Check also for corrosion the LH/RH link pivots, retracting actuators spherical bearings and shock absorbers spherical bearings (removal of the link pivots is required).	4 years	89-A-32-10-00-00B-31AB-A	321001S-05 321001S-06 321001S-07 321001S-08 321001S-09	GBA, GER, KBA	All
32-23	Detailed inspection of the nose landing gear (NLG) cuff assembly, torque link (assembly, pins and apex screw), pintle pins, retracting actuator (assembly and spherical bearings visible parts), and NLG main fittings (Notes 48 and 58)	Perform a detailed inspection for condition and corrosion of the NLG cuff assembly, torque link (assembly, pins and apex screw), pintle pins, retracting actuator (assembly and spherical bearings visible parts), and NLG main fittings (NLG pintle pins, torque link pins and apex screw removal is required).	4 years	89-A-32-21-00-00B-31AB-A	322001S-05 322001S-06	GBA, GER, KBA	All
34-02	General visual inspection of selector valve filter	Perform a general visual inspection of the selector valve filter for dust accumulation (cleaning only if contaminated).	4 years	89-A-34-11-00-00B-310A-B	341000M-02	GBA, GER, KBA	All
52-08	Detailed inspection of the visible part of LH/RH cockpit door lower hinge assy (Note 58)	Perform a detailed inspection to detect corrosion on the LH/RH lower hinges. (doors removal is required).	4 years	89-A-52-11-00-03A-31AA-A	521103S-01	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
53-12	Detailed inspection of the BL550 LH/RH centre longerons and the LH/RH STA5100 anti-torque fittings (Notes 47 and 58)	Perform a detailed inspection for corrosion and condition of the BL550 LH/RH centre longeron and STA5100 LH/RH anti-torque fittings, taking particular attention to the longerons surfaces adjacent to the STA5100 anti-torque fittings.	4 years	89-A-53-10-00-00V-31AA-A	533302S-01	GBA, GER, KBA	All
53-13	Detailed inspection of the upper surface of the WL1050 panels in the cockpit (Note 58)	Perform a detailed inspection for condition and corrosion of the upper surface of the WL1050 panels of the cockpit floor	4 years	89-A-53-10-00-00U-31AA-A	533101S-01	GBA, GER, KBA	All
53-14	Detailed inspection of the structure in the internal area between cockpit WL1050 panel and lower panels (including internal panel surfaces), and of the nose landing gear (NLG) actuator fitting assembly, anchor bolts and jointbolt (Notes 48 and 58)	Perform a detailed inspection for condition and corrosion of the internal areas between WL1050 and lower panels of the cockpit, taking particular attention to frames and longerons. Check also the NLG actuator fitting, anchor bolts and joint bolt for condition and corrosion, taking particular attention to the surfaces adjacent to the fitting bushings and anchor bolts (remove, clean, inspect and reinstall one bolt at a time).	4 years	89-A-53-10-00-00T-31AA-A	533101S-04 533102S-02 533102S-03 533102S-04	GBA, GER, KBA	All
53-15	Detailed inspection of the structure in the internal area between cabin WL1050 panel and lower panels (including internal panel surfaces) (Note 58)	Perform a detailed inspection for corrosion of the internal areas between WL1050 and lower panels of the main cabin, taking particular attention to frames and longerons.	4 years	89-A-53-10-00-00Q-31AA-A	533101S-05	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
53-16	Detailed inspection of visible parts of the rear STA8700 and tail STA8701 frame assemblies (Note 49)	Perform a detailed inspection of visible parts of the rear STA8700 and tail STA8701 frame assemblies for condition and damage.	4 years	89-A-53-40-00-00H-31AA-A	534003S-01 535001S-01	GBA, GER, KBA	All
53-17	Detailed inspection of the tailboom internal surfaces (Note 49)	Perform a detailed inspection for condition and damage of the tailboom internal surfaces (belly panel, lower longerons, LH/RH tail panel assemblies).	4 years	89-A-53-40-00-00H-31AA-A	535006S-03 535006S-06	GBA, GER, KBA	All
53-18	Detailed inspection of visible parts of the tailboom external surfaces, including TGB fitting and anchor studs (Notes 49 and 58)	Perform a detailed inspection for condition and damage of visible parts of the tailboom external surfaces (tail roof panel upper surface, belly panel lower surface, LH/RH tail panel assemblies, LH/RH tail fin panel and FWD/AFT spar assemblies). Check all so all visible parts of the TGB fitting outside of tail fin panels and TGB anchor studs for damage and corrosion (remove and reinstall TGB nuts one at a time).	4 years	89-A-53-40-00-00H-31AA-A	535006S-01 535006S-02 535006S-05 535007S-01 535008S-01 535008S-03	GBA, GER, KBA	All
53-29	Detailed inspection of the upper surface of the WL1050 floor panels in the cockpit (Note 58)	Perform a detailed inspection to check the condition and corrosion of the upper surface of the WL1050 cockpit floor panels, due to pilots embarking/disembarking and maintenance activity. Cleaning of the cockpit floor is required.	4 years	89-A-53-10-00-00U-31AA-A	533106S-01	GER	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
53-30	Detailed inspection of the structure in the internal area between WL 1050 cockpit panel and lower panels (including internal panel surfaces) (Note 58)	Perform a detailed inspection to detect corrosion in the internal areas (with specific attention to frames and longerons) between WL 1050 and lower panels of the cockpit. Cleaning of the area to be examined is required.	4 years	89-A-53-10-00-00T-31AB-A	533106S-04	GER	All
53-31	Detailed inspection of visible parts of the structure in the internal area between WL 1050 cabin panel and underbelly lower panels (including internal panel surfaces) (Note 58)	Perform a detailed inspection to detect corrosion in the internal areas (with specific attention to frames and longerons) between WL 1050 and underbelly lower panels of the main cabin. Cleaning of the area to be examined is required.	4 years	89-A-53-10-00-00Q-31AB-A	533106S-05	GER	All
53-32	Detailed inspection of the upper surface of the WL 1050 panels in the cabin (Notes 12 and 58)	Perform a detailed inspection to check the condition and corrosion of the upper surface of the WL 1050 panels of the main cabin floor, due to passengers embarking/disembarking, maintenance activity, cargo handling (dent, scratch, blistering) and to fluid spillage, derived from main cabin floor is required.	4 years	89-A-53-10-00-00X-31AA-A	533106S-07	GER	All
53-33	Detailed inspection of the external surface of the external underbelly longerons (Note 58)	Perform a detailed inspection to detect corrosion in the external surface of the external underbelly longerons. Cleaning of the surface to be examined is required.	4 years	89-A-53-10-00-00Q-31AB-A	533106S-08	GER	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
55-02	General visual inspection of the external surface of the tailplane assembly (Note 50)	Perform a general visual inspection for condition and damage of the tailplane assembly due to maintenance activity, ground handling (scratch, abraded paint) and to runway and landing area debris. In case of damage finding a tap test shall be performed on the damaged zone.	4 years	89-A-55-11-00-00B-31AA-A	551003S-01	GBA, GER, KBA	All
55-03	Detailed inspection of the tailplane rod spherical bearings and of the associated upper joint bolts (bolts removal required) (Notes 50 and 58)	Perform a detailed inspection for corrosion of the tailplane rod spherical bearings and on the associated upper joint bolts. Removal and cleaning of the upper joint bolts and cleaning of the visible parts of the tailplane rod spherical bearings and of adjacent mating items are required. Remove, inspect and reinstall one bolt at a time.	4 years	89-A-55-11-00-00B-31AA-A	551001S-01	GBA, GER, KBA	All
63-23	Detailed inspection of the upper surface of WL2670 panel, and of the main gearbox (MGB) brackets, including visible part of spherical bearings (Note 58)	Perform a detailed inspection of the WL2670 panel upper surface for corrosion (taking particular attention to the areas close to the MGB forward/rear brackets, anti-torque beam and drain holes). Examine all visible areas of the MGB brackets assemblies and spherical bearings for condition and damage.	4 years	89-A-53-10-00-00A-31AB-A	533301S-03 633006S-01 633008S-01	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
65-19	Detailed inspection of tail rotor drive shaft (TRDS) connecting bolts, number 1 and 2 damper and number 1 and 2 bearing housing assemblies (Notes 12, 58 and 62)	Perform a detailed inspection for condition damage and corrosion of the TRDS connecting bolts, number 1 and 2 drive shaft damper wear ring and number 1 and 2 bearing housing assemblies.	4 years	89-A-65-11-00-00A-31AD-A	651000M-05	GBA, GER, KBA	All
71-22	Detailed inspection of the visible parts of the port and starboard engine support beam spherical bearings	To detect signs of corrosion on the engine support beam spherical bearings (including adjacent areas) with the aid of mirror and flashlight.	4 years	89-B-71-20-00-01A-31AA-A 89-B-71-20-00-02A-31AA-A	712005S-01	KBA	All
26-14	Deleted						
26-15	Detailed inspection of engine / APU fire extinguishing bottles and discharge outlet valves	Perform a detailed inspection of engine and APU fire bottles and their discharge outlet valves for condition.	5 years	89-A-26-20-00-01A-31AA-A	262000M-09	GBA, GER, KBA	All
20-46	General visual inspection of the lower and underbelly fuselage sides (internal)	Perform a general visual inspection to check systems installations and structure for security and general condition.	6 years	89-A-20-81-00-14A-310A-A	200131Z-01	GER	All
20-47	General visual inspection of the left and right fuel tank compartments and lower cowling compartments including inside area of the fuel tanks (internal)	Perform a general visual inspection to check systems installations and structure for security and general condition.	6 years	89-A-20-81-00-02D-310A-A	200151Z-02	GER	All
18-01	Detailed inspection of the RH under floor STA3600 bulkhead sector and RH vibration passive attenuation tube (Note 58)	Perform a detailed inspection of the visible areas of the RH under floor STA3600 bulkhead sector and RH vibration passive attenuation tube for corrosion.	8 years	89-A-18-61-02-00A-31AA-A	186002S-01 186002S-02	GBA, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
20-31	General visual inspection of the passenger cabin including the cabin - doors (internal) (Note 53)	Perform a general visual inspection of the passenger cabin including the cabin - doors (internal). Check systems installations and structure for security and general condition.	8 years	89-A-20-81-00-11A-310A-A	200220Z-01	GBA, GER, KBA	All
20-32	Detailed inspection of EWIS in the cabin roof and upper fuselage (internal) (Note 53)	Perform a detailed inspection for condition of EWIS in the cabin roof and upper fuselage (internal).	8 years	89-A-20-81-00-03A-31AA-A	201170M-02	GBA, GER, KBA	All
20-33	General visual inspection of EWIS in the cockpit lower fuselage and in the ducts of the nose landing gear retraction actuator compartment (internal) (Note 54)	Perform a general visual inspection for condition of EWIS in the cockpit lower fuselage and in the ducts of the nose landing gear retraction actuator compartment (internal).	8 years	89-A-20-83-00-04A-310A-A	201121M-01 201121M-02	GBA, GER, KBA	All
25-28	Detailed inspection of the hoist structural support interface devices and the fuselage mounting plate assy (Note 58)	Perform a detailed inspection to detect corrosion on the structural support devices. Cleaning of the hoist structural support interface devices and the fuselage mounting plate assy is required. Removal of the hoist structural support is required.	8 years	89-A-25-91-00-03A-31AA-A 89-C-25-91-00-03A-31AA-A	259101S-01 259102S-01	GBA, GER, KBA GBA	K008 K236
25-29	Detailed inspection of the bolts joining the hoist tube clamps to the hoist mount assy and the bolts joining the hoist tube clamps to the single hoist tube attachment (Notes 58 and 72)	Perform a detailed inspection to detect corrosion fit bolts. Removal and cleaning of bolts are required. Remove, inspect and reinstall one bolt at a time.	8 years	89-A-25-91-03-00A-31AA-A 89-C-25-91-03-00A-31AA-A	259101S-02	GBA, GER, KBA GBA	K008 K236

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
25-44	Detailed inspection of the fuselage mounting plate assembly and the hoist mount metallic parts (Note 58)	Perform a detailed inspection to the fuselage mounting plate assy and the hoist mount metallic parts, after removal of the hoist structural support. Cleaning of the fuselage mounting plate assy and the hoist mount metallic parts is required.	8 years	89-A-25-93-00-08A-31AA-A	259102S-01 259103S-01	GBA, GER	K050
25-76	Detailed inspection of the hoist support and adapter plate (Notes 58 and 103)	Perform a detailed inspection to detect corrosion on the hoist support and the adapter plate. Hoist support base removal and disassembly are required. Cleaning of the item under examination is required.	8 years	89-B-25-91-00-04A-31AA-A	259106S-01	GBA, GER	K193
25-82	Detailed inspection of the hoist support base anchor bolt barrel nuts (Note 58)	Perform a detailed inspection to detect corrosion of the barrel nuts including mating faces. Removal and cleaning of barrel nuts are required. Remove, inspect and reinstall one barrel nut at a time.	8 years	89-B-25-91-00-05A-31AA-A	259106S-03	GBA, GER	K193
26-10	Operational check of the engine and APU fire detector sensors (Note 41)	Perform an operational check of the engine and APU fire detector sensors.	8 years	89-A-26-10-00-00B-320A-A	261000M-01	GBA, GER, KBA	All
26-12	Operational check of baggage compartment smoke detector (Note 42)	Perform an operational check of the baggage compartment smoke detector	8 years	89-A-26-13-00-00A-320A-A	261000M-02	GBA, GER, KBA	All
53-21	Detailed inspection of upper and lower surfaces of the WL1050 interseat panel (Note 54)	Perform a detailed inspection of upper and lower surfaces of the WL1050 interseat panel for condition (blistering, bulging).	8 years	89-A-53-10-00-00D-31AA-A	533101S-06	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
53-22	Detailed inspection of the LH/RH main landing gear (MLG) joint pins and LH/RH special bolts (Note 58)	Perform a detailed inspection for corrosion of the LH/RH MLG joint pins and LH/RH special bolts (LH/RH MLG assembly, joint pins and special bolts removal is required)	8 years	89-A-53-10-00-00L-31AB-B	531002S-01	GBA, GER, KBA	All
53-23	Detailed inspection of the longerons upper flanges adjacent to titanium panels and the STA5700 MGB support reinforcements and of the engine support structure (Note 58)	Perform a detailed inspection for corrosion and integrity of sealant of the longerons upper flanges adjacent to engine deck titanium panels and the STA5700 MGB support reinforcements and of the engine support structure.	8 years	89-A-53-10-00-00R-31AA-A	533301S-04 533303S-01	GBA, GER, KBA	All
53-24	Special detailed inspection (tap test) of the accessible surfaces of the STA7200 rear underfloor bulkhead and the STA8150 rear underfloor bulkhead	Perform a special detailed inspection (tap test) of the accessible surfaces of the STA7200 rear underfloor bulkhead and the STA8150 rear underfloor bulkhead for plies delamination and debonding of the skin from the honeycomb.	8 years	89-A-53-10-00-00S-31AA-A	534002S-04	GBA, GER, KBA	All
53-25	Detailed inspection of the intermediate gearbox (IGB) anchor bolts (Notes 58 and 61)	Perform a detailed inspection for corrosion of the IGB anchor bolts (remove, clean, inspect and reinstall one bolt at a time).	8 years	89-A-65-21-00-00B-31AA-A	535009S-02	GBA, GER, KBA	All
53-26	Detailed inspection of LH/RH STA5700 Side Frames in the areas of the Frame Strengthening assembly (Notes 58 and 64)	Perform a detailed inspection for corrosion of the STA5700 Side Frames taking particular attention to the areas close to fastening rivets of the Frame Strengthening components. Check also the sealant at the border of the Frame Strengthening components for condition.	8 years	89-A-53-10-00-00J-31AB-A	533001S-04	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
53-34	Detailed inspection of upper and lower surfaces of the WL1050 interseat panel	To check the panel condition (e.g. Presence of blistering, bulging). Check to be performed with the aid of mirror, flashlight and with touch by hand.	8 years	89-A-53-10-00-00D-31AA-A	533106S-06	GER	All
53-35	Detailed inspection of the STA5700 MGB LH and RH supports and the STA upper frame (Note 58)	Perform a detailed inspection to detect corrosion and integrity of sealant on the STA5700 MGB LH and RH supports and the STA upper frame with specific attention to the surfaces adjacent to the reinforcement borders.	8 years	89-A-53-10-00-05A-31AA-A	533302S-05	GBA, GER, KBA	All
53-42	Detailed inspection of LH/RH STA5700 side Frames in the areas of the STA 5700 side frames cut out and strengthening assy (Notes 58 and 121)	To detect sign of corrosion on the STA5700 side frames with specific attention to the areas of STA 5700 side frames cut out close to fastening rivets of the frame strengthening components and to the status of the sealant at the border of the frame strengthening components. cleaning of the LH/RH STA5700 side frames is required.	8 years	89-A-53-10-00-00J-31AB-A	533001S-05	GBA, GER, KBA	All
63-28	Special detailed inspection (boroscope inspection) of main gearbox internal components (Note 107)	Perform a special detailed inspection of the main gearbox and input modules internal components for corrosion by using a boroscope inspection where necessary.	8 years	89-A-63-20-00-00A-281A-A	631000M-07 632000M-20	GBA, GER, KBA	All
25-34	General visual inspection of hoist oil level (Note 74)	Perform a general visual inspection to check for correct oil level and leaks.	At each 3 hoist operation hours/1 month	89-A-25-91-01-00A-311A-A 89-B-25-91-02-00A-311A-A 89-C-25-91-01-00A-311A-A	259100M-01	GBA, GER, KBA GBA, GER GBA	K008 K193 K236

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
25-35	Functional check (dimensional check) and lubrication of the hoist cable, hoist ball spline and level wind screw (Notes 21 and 74)	Perform a dimensional check of the hoist cable. Then, clean and lubricate the hoist cable, the ball spline shaft, the level wind screw and related drive gears.	At each 3 hoist operation hours/1 month	89-A-25-91-01-06A-361A-A	259100M-04	GBA, GER, KBA	K008
				89-A-25-91-01-06A-241A-A			
25-37	Operational check of hoist limit switch and cable anti-foul assemblies (Note 21)	Perform an operational check of the limit switch assembly and the cable anti-foul assembly.	At each 52 hoist operation hours/6 months	89-B-25-91-02-06A-241A-A	259100M-11	GBA, GER	K193
				89-B-25-91-02-06A-361A-A			
				89-C-25-91-01-06A-361A-A			
				89-C-25-91-01-06A-241A-A			
25-45	General visual inspection of the hoist cable (Note 21)	Perform a general visual inspection of the full length of the rescue hoist cable for damage and condition.	At each 52 hoist operation hours/6 months	89-A-25-91-00-00B-320A-A	259300M-01	GBA, GER, KBA	K050
				89-A-25-91-00-00E-320A-A			
25-46	Functional check (dimensional check) and lubrication of the hoist cable, hoist ball spline and level wind screw (Notes 21 and 75)	Perform a dimensional check of the hoist cable. Then, clean and lubricate the hoist cable, the ball spline shaft, the level wind screw and related drive gears.	At each 3 hoist operation hours/1 month	89-B-25-91-00-00B-320A-A	259300M-04	GBA, GER	K050
				89-B-25-91-02-06A-310A-A			
25-40	Operational check of hoist limit switch and cable anti-foul assemblies (Note 21)	Perform an operational check of the limit switch assembly and the cable anti-foul assembly.	At each 52 hoist operation hours/6 months	89-C-25-91-01-06A-310A-A	259300M-18	GBA, GER	K050
				89-C-25-91-00-00D-320A-A			

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
25-53	General visual inspection of the hoist cable (Note 21)	Perform a general visual inspection of the full length of the rescue hoist cable for damage and condition.	At each 52 hoist operation hours/6 months	89-A-25-93-00-02A-310B-A	259300M-20	GBA, GER	K050
49-09	Special detailed inspection (boroscope inspection) of APU engine parts (Note 11)	Perform a special detailed inspection (boroscope inspection) of the combustor liner, turbine wheel, turbine nozzles, compressor, compressor containment and exhaust tube for cracks and burnt areas. Check also burners for signs of coking. Inspection to include a visual check for absence of oil bleed pollution when removing the front bearing labyrinth port.	At each 200 APU hours	Note 66	492000M-01 492000M-07	GBA, GER, KBA	All
49-10	Functional check (power check) of APU (Note 12)	Perform a power check of the APU to evaluate the trend of the remaining EGT margin (representative of the compressor and turbine erosion level).	At each 50 APU hours / 1 year	Note 66	492000M-04	GBA, GER, KBA	All
49-12	Detailed inspection of APU electrical starter motor (ESM) brushes	Perform a detailed inspection of APU ESM brushes and collector for wear.	At each 2000 APU cycles	Note 66	494000M-01	GBA, GER, KBA	All
26-01	Detailed inspection of the fire detection sensor in the APU bay (Note 10)	Perform a detailed inspection of the fire detection sensor in the APU bay for damages and chaffing.	At each APU removal	89-A-26-14-01-00A-31AA-A	261000M-04	GBA, GER, KBA	All
26-09	Detailed inspection of the fire - detection sensor in the engine bay (Note 36)	Perform a detailed inspection of fire detection sensor for evidence of damages and chaffing.	At each engine removal	89-A-26-11-01-00A-31AA-A 89-A-26-12-01-00A-31AA-A	261000M-03	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
32-24	General visual inspection of NLG shock strut shear plate nut locking wire (Note 78 and 21)	Perform a general visual inspection of locking wire installed on the top of the NLG shock strut to confirm integrity and torque retention of the nut.	At each 4000 landings	89-A-32-21-01-01B-310A-A	322000M-06	GBA, GER, KBA	All
32-25	Servicing (oil replacement) of the main landing gear (MLG) shock absorber (Note 21)	Remove the MLG shock absorber and return to the supplier for servicing.	At 20000 landings and subsequently at each 15000 landings	89-A-12-20-10-00A-292A-B	321000M-09	GBA, GER, KBA	All
32-26	Servicing (oil replacement) of the nose landing gear (NLG) shock absorber	Remove the NLG shock absorber and return to the supplier for servicing.	(Note 81)	89-A-12-20-09-00A-292A-B	322000M-07	GBA, GER, KBA	All
32-09	Detailed inspection of nose landing gear (NLG) and main landing gear (MLG) wheel assembly	Perform a detailed inspection of the wheel assembly for evidence of damage and cracks.	At each tyre removal	89-A-32-41-00-03A-31AA-B	324000M-01	GBA, GER, KBA	All
49-08	Detailed inspection of APU mounting spherical bearings (Note 10)	Perform a detailed inspection of the APU forward mount assembly bearing, the bearing housing assembly bearing, and the link assembly bearings for condition and security. Inspection to include a tactile check of the APU mounting spherical bearings for seizure.	At each APU removal	89-A-49-11-01-00A-31AA-B	491000M-01 491000M-05	GBA, GER, KBA	All
53-19	Detailed inspection of the tail gearbox (TGB) anchor studs (Note 58)	Perform a detailed inspection for corrosion of the TGB anchor studs (remove and reinstall TGB nuts one at a time).	At each TGB removal	89-A-65-22-01-00A-720A-A	535008S-03	GBA, GER, KBA	All
53-20	Detailed inspection of the intermediate gearbox (IGB) anchor bolts (Note 58 and 61)	Perform a detailed inspection for corrosion of the IGB anchor bolts (remove, clean, inspect and reinstall one bolt at a time).	At each IGB removal	89-A-65-21-01-00A-720A-A	535009S-02	GBA, GER, KBA	All
62-33	Deleted						

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
62-34	Deleted						
62-35	Deleted						
63-14	General visual inspection of main rotor driveshaft	Perform a general visual inspection of MGB main rotor driveshaft (exposed areas only) for condition, accidental damage and security of installation.	At each main rotor head removal	89-A-63-20-00-01A-310A-A	632000M-12	GBA, GER, KBA	All
63-16	Detailed inspection of LH/RH shaft gimbal assemblies and LH/RH input shaft assemblies (Notes 36 and 37)	Perform a detailed inspection of: 1) the crosshead bolts and their seats for corrosion, security and condition. 2) the flange nut and its seat in the crosshead for corrosion, security and condition. 3) the torque tube for damage, wear or structural weakness. 4) the crosshead bush for delamination and wear. 5) the input shaft for internal & external surface damage, wear and corrosion (input drive shaft assemblies, fixing bolts and flange nuts removal is required).	At each engine or MGB removal	89-A-63-10-00-00A-31AA-A	631000M-02 631000M-01	GBA, GER, KBA	All
63-17	Lubrication (greasing) of input shaft splines and seals (Note 37)	Grease the input shaft splines prior to refit into the engine output. Following shaft removal, check also the splines and both sealing O-rings for condition and damage.	At each engine or MGB removal	89-A-63-11-03-00A-720A-B 89-A-63-12-03-00A-720A-B	631000M-05	GBA, GER, KBA	All
65-29	Servicing (lubrication) of intermediate gearbox input spline (Note 70)	Re-grease the IGB input coupling spline interface	At each IGB or Number 3 drive shaft removal	89-A-65-21-01-01A-920A-A	652100M-09	GBA, GER, KBA	All

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
65-30	Servicing (lubrication) of intermediate gearbox output spline	Re-grease the IGB output coupling spline interface	At each IGB or TGB or Number 4 drive shaft removal	89-A-65-21-01-02A-920A-A	652100M-10	GBA, GER, KBA	All
71-13	Detailed inspection of LH / RH engine inboard / outboard rear mounts (link and bracket bearings) (Notes 29 and 36)	Perform a detailed inspection of the LH/RH, inboard/outboard rear engine mounts (link and bracket bearings) for condition, security and tactile assessment. Check all so components for absence of seizure (engine removal is required)	At each engine removal	89-A-71-20-00-01A-31AA-A 89-A-71-20-00-02A-31AA-A	712000M-01	GBA, GER	All
71-14	General visual inspection of the engine intake seals (Notes 30 and 36)	Perform a general visual inspection of the engine intake seals for wear, degradation and correct attachment.	At each engine removal	89-A-71-32-01-00A-310A-A 89-A-71-32-02-00A-310A-A 89-B-71-32-01-00A-310A-A 89-B-71-32-02-00A-310A-A	713000M-03 713000M-03	GBA, GER KBA	All All
18-06	Functional check of the Active Vibration Control System (AVCS)	Perform a functional check to verify the correct operation of the system (doors and access panels closed required).	After each major structural inspection and repair or after any change of role configuration or after any removal/installation of cabin floor	89-A-18-31-00-00A-369A-A	--	GBA	K126 - K131 - K132
18-08	Detailed inspection and functional check (torque check) of the mast vibration absorber nuts and bolts	Perform a detailed inspection and the torque check of the mast vibration absorber nuts and bolts. One of check after installation.	After the last flight of the day when 5 FH and 30 FH from any installation of mast vibration absorber are reached and subsequently when 25 FH from any bolts re-torque are reached until correct torque is obtained.	89-A-18-64-00-01A-31AA-A	--	GBA, GER, KBA	K104

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
64-29	General visual inspection of TR blades	Perform a general visual inspection for damage and conditions of the TR blades after a flight in icing condition.	After a flight in icing condition	89-A-64-11-01-00A-310A-A	--	GBA, GER	K134
25-62	Clean and lubricate the hoist cable and the hook assembly of the single rescue hoist	Wash the complete length of the hoist cable and the hook assembly with fresh water and dry using a clean, heavy duty lint-free cloth. Then, lubricate the full length of the hoist cable to prevent corrosion.	After use in a salt water environment	89-A-25-91-00-07A-258A-A	--	GBA, GER, KBA	K008
				89-B-25-91-00-08A-258A-A		GBA, GER	K193
				89-C-25-91-00-06A-258A-A		GBA	K236
25-63	Clean and lubricate the hoist cables and the hook assemblies of the double rescue hoist	Wash the complete length of the hoist cables and the hook assemblies with fresh water and dry using a clean, heavy duty lint-free cloth. Then, lubricate the full length of the hoist cables to prevent corrosion.	After use in a salt water environment	89-A-25-93-00-10A-258A-A	--	GBA, GER	K050
49-18	Detailed inspection of APU IBF components	Perform a detail inspection of the following components: filters assemblies, filters seals, bypass doors, plenum assembly and seals, pressure transducers and actuators.	At each filter cleaning	89-A-49-51-00-03A-31AA-A	--	GBA, GER	K135
49-19	Functional check of APU IBF electrical system	Perform a function check of the pressure transducer to verify correct indication (removal not required).	At each filter cleaning	89-A-49-51-01-01A-340A-A	--	GBA, GER	K135
71-18	Detailed inspection of engine IBF components	Perform a detail inspection of the following components: filters assemblies, filters seals, bypass doors, plenum assembly, pressure transducers and actuators.	At each filter cleaning	89-A-71-62-00-03A-31AA-A	--	GBA, GER	K136

Table 2 Maintenance tasks overview

No	Task title	Task intent	Interval	Reference (DMC)	MRBR Task ID	Applicability	Effectivity
71-19	Functional check of engine IBF electrical system	Perform a function check of the pressure transducer to verify correct indication (removal not required).	At each filter cleaning	89-A-71-62-03-01A-340A-A	--	GBA, GER	K136
Note 1	Tasks 49-01, 49-02 and 72-01	can be done at the same time					
Note 2	Tasks 65-04 and 65-06	can be done at the same time					
Note 3	Tasks 65-05 and 65-07	can be done at the same time					
Note 4	Task 62-10	can be done before task 62-03 (if tasks must be done at the same time)					
Note 5	Tasks 63-07 and 63-08	can be done at the same time					
Note 6	Task 63-09	can be done after task 63-06 (if tasks must be done at the same time)					
Note 7	Tasks 29-03, 29-04, 29-05, 29-06 and 29-07	can be done at the same time					
Note 8	Tasks 49-07 and 78-01	can be done at the same time					
Note 9	Tasks 65-08, 65-09, 65-10 and 65-11	can be done at the same time					
Note 10	Tasks 49-08 and 26-01	can be done at the same time					
Note 11	Task 49-02	must be done before task 49-09					
Note 12	Depending on environmental conditions, utilization and in-service experience, a lower interval may be considered by the operators						
Note 13	Tasks 26-03, 26-04, 26-05 and 26-06	can be done at the same time					
Note 14	Tasks 32-10, 32-11 and 32-12	can be done at the same time					
Note 15	Tasks 32-13, 32-14, 32-16 and 32-17	can be done at the same time					
Note 16	If the life raft has been stored 18 months from manufacturing date or from last overhaul, do the task before installation on aircraft						
Note 17	Do task before component removal or cleaning						
Note 18	Tasks 62-19 and 62-20	can be done at the same time					
Note 19	Tasks 64-12 and 64-13	can be done at the same time					
Note 20	Task 64-16 must be done before tasks 64-17 and 64-18						
Note 21	No inspection tolerances are permitted for this task						
Note 22	Tasks 65-12 and 65-13 can be done at the same time						
Note 23	Task 65-14 must be done before task 65-13						

Note 24	Task 72-07 must be done before task 72-08
Note 25	Tasks 21-01, 24-03 and 24-04 can be done at the same time (engines and APU running)
Note 26	Tasks 29-08 and 29-09 can be done at the same time
Note 27	Tasks 67-06 and 67-07 can be done at the same time
Note 28	Tasks 28-03 and 28-04 can be done at the same time
Note 29	Tasks 71-10 and 71-13 are the same
Note 30	Tasks 71-12 and 71-14 are the same
Note 31	Tasks 20-16 and 32-20 can be done at the same time
Note 32	Tasks 20-17 and 53-01 can be done at the same time
Note 33	Tasks 20-20 and 53-02 can be done at the same time
Note 34	Tasks 20-24 and 32-21 can be done at the same time
Note 35	Tasks 46-01 and 46-02 can be done at the same time
Note 36	Tasks 26-09, 63-16, 71-13 and 71-14 can be done at the same time
Note 37	Task 63-16 must be done before task 63-17
Note 38	Task 20-22 must be done before task 53-04
Note 39	Tasks 25-19 and 25-21 can be done at the same time and at any DT25-04 accomplishment
Note 40	Task 26-13 and CM26-01 are the same
Note 41	Tasks 26-10 and 26-11 are the same. Perform the task at the first applicable interval (whichever comes first)
Note 42	Tasks 26-12 and 26-13 are the same. Perform the task at the first applicable interval (whichever comes first)
Note 43	Tasks 62-24, 62-25 and 63-18 can be done at the same time
Note 44	Tasks 64-21, 65-21 and 65-22 can be done at the same time
Note 45	Task 63-21 must be done before task 63-22
Note 46	Task 53-10 must be done before task 53-11
Note 47	Tasks 20-29 and 53-12 can be done at the same time
Note 48	Tasks 20-25, 32-23 and 53-14 can be done at the same time
Note 49	Tasks 53-16, 53-17 and 53-18 can be done at the same time
Note 50	Tasks 55-02 and 55-03 can be done at the same time
Note 51	Tasks 63-24, 63-26 and 63-27 can be done at the same time
Note 52	Credit for accomplishment can be taken from CO65-02

Note 53	Tasks 20-31 and 20-32 can be done at the same time
Note 54	Tasks 20-33 and 53-21 can be done at the same time
Note 55	Deleted
Note 56	Tasks 62-10 and 62-27 are the same: perform the task at the interval which occurs first
Note 57	Inspection subject to the AW189 Corrosion Sampling Program: after each sampling inspection (with/without finding) a sampling report shall be sent to AW. Refer to MRBR 189G0000M006 Appendix 8. Task interval can be extended in accordance with Sampling Program Rules detailed in MRBR 189G0000M006 Sec. A Par. 8
Note 58	Inspection task schedule is part of the Manufacturer baseline CPCP. With reference to MRBR 189G0000M006, the Operator is requested to report to Manufacturer Level 1 Corrosion Findings, and to Manufacturer and to the National Aviation Authority all Level 2 or 3 Corrosion Findings, providing the specified information within MRBR Appendix 8
Note 59	Tasks 62-21 and 62-28 are the same: perform the task at the interval which occurs first
Note 60	Tasks 64-19 and 64-25 are the same: perform the task at the interval which occurs first
Note 61	Tasks 53-20 and 53-25 are the same
Note 62	Task 65-28 is covered by task 65-19, and credit for accomplishment with task 65-28 can be taken performing task 65-19 if note 57 is also applied
Note 63	Deleted
Note 64	Task 53-26 is applicable only to AW189 S/N 49007 thru 49009 and 49011 with reinforcement 8G5330P01811
Note 65	Tasks 24-05 and 24-06 can be done at the same time
Note 66	Refer to Maintenance Manual ML 1 & 2 e-APU 60 Model 342 DT 13-01
Note 67	Refer to Engine Maintenance Manual CT7-2, GEK 114154
Note 68	Credit for accomplishment can be taken from CO65-03
Note 69	Deleted
Note 70	Tasks 65-13 and 65-29 can be done at the same time
Note 71	Task 56-01 must be done after the DT56-01 and DT56-02 accomplishment
Note 72	Tasks 25-29 and 25-33 must be done at the same time. Perform the task at the first applicable interval (whichever comes first)
Note 73	Tasks 32-05 and 52-09 can be done at the same time
Note 74	Tasks 25-34 and 25-35 can be done at the same time
Note 75	Tasks 25-45 and 25-46 can be done at the same time
Note 76	Tasks 95-05 and 95-09 can be done at the same time
Note 77	Tasks 18-05 and 62-21 can be done at the same time
Note 78	Task 32-24 is applicable only to nose landing gear shock strut P/N 8G3220V00231
Note 79	For the definition of "hoist lift", refer to the AW189 Airworthiness Limitation Section in the Aircraft Maintenance Planning Information
Note 80	Tasks 52-04 and 52-05 can be done at the same time

Note 81	40000 landings from the first installation. Then, at each 20000 landings
Note 82	Tasks 25-26 and 25-39 are the same
Note 83	The interval of the task must be considered from the date of the first installation of that component
Note 84	With reference to MRBR 189G0000M006 Sec. A Par. 8, and to note 57, for each operators' fleet, helicopters which are not part of the sample size shall anyway perform the inspection with task interval 2 years
Note 85	With reference to MRBR 189G0000M006 Sec. A Par. 8, and to note 57, for each operators' fleet, helicopters which are not part of the sample size shall anyway perform the inspection with task interval 4 years
Note 86	With reference to MRBR 189G0000M006 Sec. A Par. 8, and to note 57, for each operators' fleet, helicopters which are not part of the sample size shall anyway perform the inspection with task interval 8 years
Note 87	Task 30-04 applicable only to installation P/N 8G7160P00511
Note 88	Tasks 62-09 and 62-31 are the same: perform the task at the interval which occurs first
Note 89	Tasks 64-27 and 64-28 can be done at the same time
Note 90	Tasks 62-05 and 62-32 can be done at the same time
Note 91	Task 25-01 is covered by task 25-60 if the heavy duty baggage compartment kit is installed
Note 92	Credit for accomplishment can be taken from CM46-02, CM46-03 and CM46-04
Note 93	Task 56-01 applicable only to nylon pull straps P/N A487A series
Note 94	Tasks 62-20 and 62-29 can be done at the same time
Note 95	Tasks applicable only to AW189 helicopters equipped with Improved Hoist Power Supply p/n 8G2591A08212
Note 96	If the helicopter operates in harsh environment, the task interval is reduced to 1 week
Note 97	The interval of the task must be considered from the manufacturing date
Note 98	Tasks applicable only to main rotor damper P/N 8G6220V00151 and 8G6220V00251
Note 99	Deleted
Note 100	Task 53-39 applicable to installation P/N 8G3110A00111 without retro modification applied
Note 101	Task 53-40 applicable to installation P/N 8G3110A00111 only with the retro modification P/N 8G3110P00611 applied to the instrument panel assembly.
Note 102	Reduction of interval to 1 week for the soft sea tray on cabin floor is recommended in case of "wet mission".
Note 103	Tasks 25-75 and 25-76 can be accomplished at the same time for accessibility or disassembly convenience whenever calendar and usage intervals are compatible.
Note 104	Tasks 25-77 and 25-78 can be accomplished at the same time for accessibility or disassembly convenience whenever calendar and usage intervals are compatible.
Note 105	The hydrostatic check schedule requirement is from the date of manufacture or from the date of the last hydrostatic test.
Note 106	Do this task on helicopters whose external surfaces are painted only with the primer. The time limit to manage the helicopter in service with the external surfaces painted only with primer is 1 year from the first run up. After this limit, the external surfaces must be finished and painted or preserved applying the long term storage preservation procedures (89-A-10-33-00-00A-028A-A).

Note 107	Credit for accomplishment can be taken from CO63-01.
Note 108	Task 26-16 applicable to the Helicopters installing portable fire extinguishers (supplied by H3R Aviation or P3 Hafex).
Note 109	Task 26-02 applicable to the Helicopters installing portable fire extinguishers (supplied by Enterprises Ltd).
Note 110	Tasks 26-17 and 26-02 can be done at the same time
Note 111	Applicable to Starter Generator modified with MOD Change minor or equal to 9 (PRE SB189-235), marked on the metal label present on the Starter Generator
Note 112	Applicable to Starter Generator modified with MOD Change major or equal to 10 (POST SB189-235), marked on the metal label present on the Starter Generator.
Note 113	800 FH reduced to 100FH in case of erosive environment.
Note 114	Tasks 72-11, 72-12, 72-13, 72-14, 74-03, 75-04 and 75-05 can be done at the same time.
Note 115	800 FH reduced to 200 FH in case of erosive environment .
Note 116	Perform after Task 79-01 task accomplishment.
Note 117	Tasks 95-08 and 95-04 can be done at the same time.
Note 118	The task perform every 1 year from the installation date. This is the date the assembly was installed on the aircraft either from new or from the last detailed inspection.
Note 119	Do this one-off checks after any installation of shafts and/or flexible couplings and/or adapters. Do this task after the last flight of the day when 5 FH and 30 FH from any installation are reached.
Note 120	Bolts having logged more than 60 FH and found under torqued shall be replaced.
Note 121	Task 53-42 is applicable only to AW189 S/N 49007 thru 49009 and 49011 with reinforcement 8G5330P00111 and S/N 49013, 49014 and 49055 (RH side) with reinforcement 8G5330P04311 + 8G5330P04711.
Note 122	Refer to Safran Aneto-1k Engine maintenance manual X046 1K 460 2.

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End of Data Module

Conditional inspections - General

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References

Table 1 References

Data Module	Title
89-A-00-70-00-01A-28AA-A	Rotor emergency braking - Conditional inspection
89-A-00-70-00-02A-28AA-A	Transmission overtorque - Conditional inspection
89-A-00-70-00-03A-28AA-A	Rotor overspeed - Conditional inspection

Description

1 Conditional inspections

This sub-section gives the data about the maintenance checks which are necessary when a specific condition or event occurs.

The list of conditional inspections is not exhaustive. For any other events/conditions not listed (e.g. lighting strike, hard landing) contact the Manufacturer.

2 Conditional inspections requirements

Refer to [Table 2](#).

3 Column terms definitions

3.1 Number (No.)

This column gives the unique number which identifies each event in the table.

3.2 Event

This column gives the description of the cause for the conditional inspection.

3.3 Reference (DMC)

This column shows the Data Module Code which gives the instructions to do the inspection.

3.4 Initials

When you use a copy of the data module for maintenance record purposes, this column, gives the space to write the initials of the person who did the inspection.

Table 2 Conditional inspections requirements

No.	Event	Reference (DMC)	Initials
1-01	Rotor emergency braking	89-A-00-70-00-01A-28AA-A	
1-02	Transmission overtorque	89-A-00-70-00-02A-28AA-A	
1-03	Exceeding rotor speed limits (rotor overspeed)	89-A-00-70-00-03A-28AA-A	