AIRBUS

EC 155

MASTER SERVICING MANUAL (MSM)

EC 155
B

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IMPORTANT NOTE

The practical value of this manual depends entirely upon it being updated correctly by the operator.

The successive revisions should be recorded on the relevant page of the manual.

RECORD OF REVISIONS

Rev. No.	Issue Date	Inserted Date	Inserted Name

Rev. No.	Issue Date	Inserted Date	Inserted Name

LOEDU

1 Update

Refer to the **"Update" Document Unit**

2 "Type" Column Code

N-New, to be inserted
R-Revised, to be replaced
D-To be removed from the manual
- (No code) Unchanged with respect to the previous issue

D.U.	Type	Date	D.U.	Type	Date
TITLE	N	2023.01.30	05-10-00 ATA 64	-	2012.11.08
LOEDU	N	2023.01.30	05-10-00 ATA 65	-	2013.09.12
TABLE OF CONTENTS	N	2023.01.30	05-10-00 ATA 67	-	2012.11.08
HIGHLIGHTS OF THE REVISION	N	2023.01.30	05-10-00 ATA 79	-	2017.09.11
			05-10-00 ATA 80	-	2022.02.01
TECHNICAL PUBLICATIONS	-	2018.09.10	05-20-00 ATA 05	-	2012.11.08
			05-20-00 ATA 21	-	2014.05.29
GLOSSARY	-	2022.02.01	05-20-00 ATA 22	-	2012.11.08
STRUCTURE OF THE MSM	-	2018.09.10	05-20-00 ATA 23	-	2012.11.08
			05-20-00 ATA 24	-	2019.09.16
UPDATE OF THE MSM	-	2022.02.01	05-20-00 ATA 25	R	2023.01.30
BREAKDOWN OF THE MSM	R	2023.01.30	05-20-00 ATA 26	-	2017.09.11
USE OF THE MSM	-	2022.02.01	05-20-00 ATA 28	-	2022.02.01
OPTIONAL EQUIPMENT	-	2012.11.08	05-20-00 ATA 29	-	2022.02.01
SB INCORPORATED	R	2023.01.30	05-20-00 ATA 30	-	2022.02.01
05-10-00 ATA 24	-	2016.09.12	05-20-00 ATA 31	-	2021.01.22
05-10-00 ATA 25	R	2023.01.30	05-20-00 ATA 32	-	2019.09.16
05-10-00 ATA 26	-	2016.09.12	05-20-00 ATA 33	R	2023.01.30
05-10-00 ATA 28	-	2017.09.11	05-20-00 ATA 34	-	2012.11.08
05-10-00 ATA 29	-	2022.02.01	05-20-00 ATA 45	-	2022.02.01
05-10-00 ATA 31	-	2012.11.08	05-20-00 ATA 52	-	2021.01.22
05-10-00 ATA 32	-	2012.11.08	05-20-00 ATA 53	-	2022.02.01
05-10-00 ATA 33	-	2016.01.21	05-20-00 ATA 55	-	2012.11.08
05-10-00 ATA 34	R	2023.01.30	05-20-00 ATA 56	-	2016.01.21
05-10-00 ATA 45	R	2023.01.30	05-20-00 ATA 60	-	2018.09.10
05-10-00 ATA 62	-	2012.11.08	05-20-00 ATA 62	-	2016.01.21
05-10-00 ATA 63	-	2012.11.08	05-20-00 ATA 63	-	2022.02.01

D.U.	Type	Date	D.U.	Type	Date
05-20-00 ATA 64	-	2017.09.11	05-20-00 ATA 88	-	2012.11.08
05-20-00 ATA 65	-	2014.05.29	05-20-00 ATA 93	-	2012.11.08
05-20-00 ATA 67	-	2022.02.01	05-50-00 ATA 53	-	2013.09.12
05-20-00 ATA 71	-	2014.05.29	05-50-00 ATA 62	-	2012.11.08
05-20-00 ATA 73	-	2012.11.08	05-50-00 ATA 63	-	2013.09.12
05-20-00 ATA 77	-	2016.01.21	05-50-00 ATA 64	-	2021.01.22
05-20-00 ATA 79	-	2019.09.16	05-50-00 ATA 65	-	2012.11.08
05-20-00 ATA 80	-	2022.02.01			

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HIGHLIGHTS OF THE REVISION

1 GENERAL

- Check that the content of the sections is in accordance with the List Of Effective Document Units (LOEDU).
- Return the acknowledgment card.

2 OUTLINE OF THE REVISION

The revision is codified as follows:

- Revision 012 : 2023.01.30

3 DETAILED DESCRIPTION

3.1 Section BREAKDOWN OF THE MSM

- COMPLIANCE TIME FOR NEW MAINTENANCE INTERVALS OR REDUCED MAINTENANCE INTERVALS Paragraph 3, Added

3.2 Section SB INCORPORATED

- 05A033 R2
  TIME LIMITS- MAINTENANCE CHECKS- Baggage compartement- Inspection of the baggage compartment skin
  AD number added

- 05.038 R1
  TIME LIMITS- MAINTENANCE CHECKS- Starter generator - check of the starter generators (MP/N 524–031)
  SB added

3.3 Section 05.10.00

25-66 EMERGENCY LOCATOR TRANSMITTER

- 25/66/16/000/000/010 — 1 Y // 0 ED
  Emergency locator transmitter - Interface unit - Battery
  TSI Deleted

34-42 WEATHER RADAR

- 34/42/01/211/000/010 — 3000 FH // 3 Y
  Radar 1400 antenna - Slaving unit
  Limit modified

45-11 OPT - CVFDR

- 45/11/01/510/000/000 — 5 Y
  MFDAU+ - Lithium battery
  TSI Deleted

3.4 Section 05.20.00

25-66 EMERGENCY LOCATOR TRANSMITTER

- 25/66/04/520/000/030 — 2 Y
  Underwater locator beacon
  Documentation modified

33-50 EMERGENCY LIGHTING

- 33/50/03/000/000/050 — (*)
  HEEL system - Battery
  Description modified
- 33/50/03/000/000/020 — 18 M
  HEEL cabin roof - Battery
  Documentation modified
- 33/50/03/520/000/100 — 18 M
  HEEL cabin roof - Converter unit
  Documentation modified

End of the Document Unit

TECHNICAL PUBLICATIONS

1 THE DOCUMENTATION

The technical publications intended for the operators is mainly broken down into five groups.

2 OPERATING DOCUMENTS

- **The Master Servicing Manual** (**MSM**) is specifically intended for the persons in charge of maintenance. It defines the operating time limits and the maintenance intervals.
- **The Airworthiness Limitations Section** (**ALS**) is intended for the persons in charge of maintenance. It defines the mandatory limitations and checks.
- **The Flight Manual** (**FLM**) is intended for flight crews. It defines the limitations, the normal and emergency procedures, and the performance of the aircraft.
- **The Master Minimum Equipment List** (**MMEL**) defines the minimum list of equipment required to carry out flights.
- **The weight and balance log** (**PMC**).

3 MAINTENANCE DOCUMENTS

- **The Aircraft Maintenance Manual** (**AMM**) describes the maintenance procedures necessary to carry out the maintenance of the helicopter.
- **The Systems Description Section** (**SDS**) is Part 1 of the AMM and covers the operation of the systems.
- **The Structural Repair Manual** (**SRM**) allows operators to identify and protect the materials and to repair or replace structural components, mechanical assemblies or blades.
- **The Standard Practices Manual** (**MTC**) contains all the general information and know-how for the preparation, operation, maintenance, checks, standard repairs, technical and safety instructions as well as storage conditions.
- **The Wiring Diagrams Manual** (**WDM**) contains all the wiring diagrams of the aircraft.
- **The Index of Modifications** (**SIM**) gives a list of the applicable modifications with the corresponding SBs (if any).

4 IDENTIFICATION DOCUMENTS

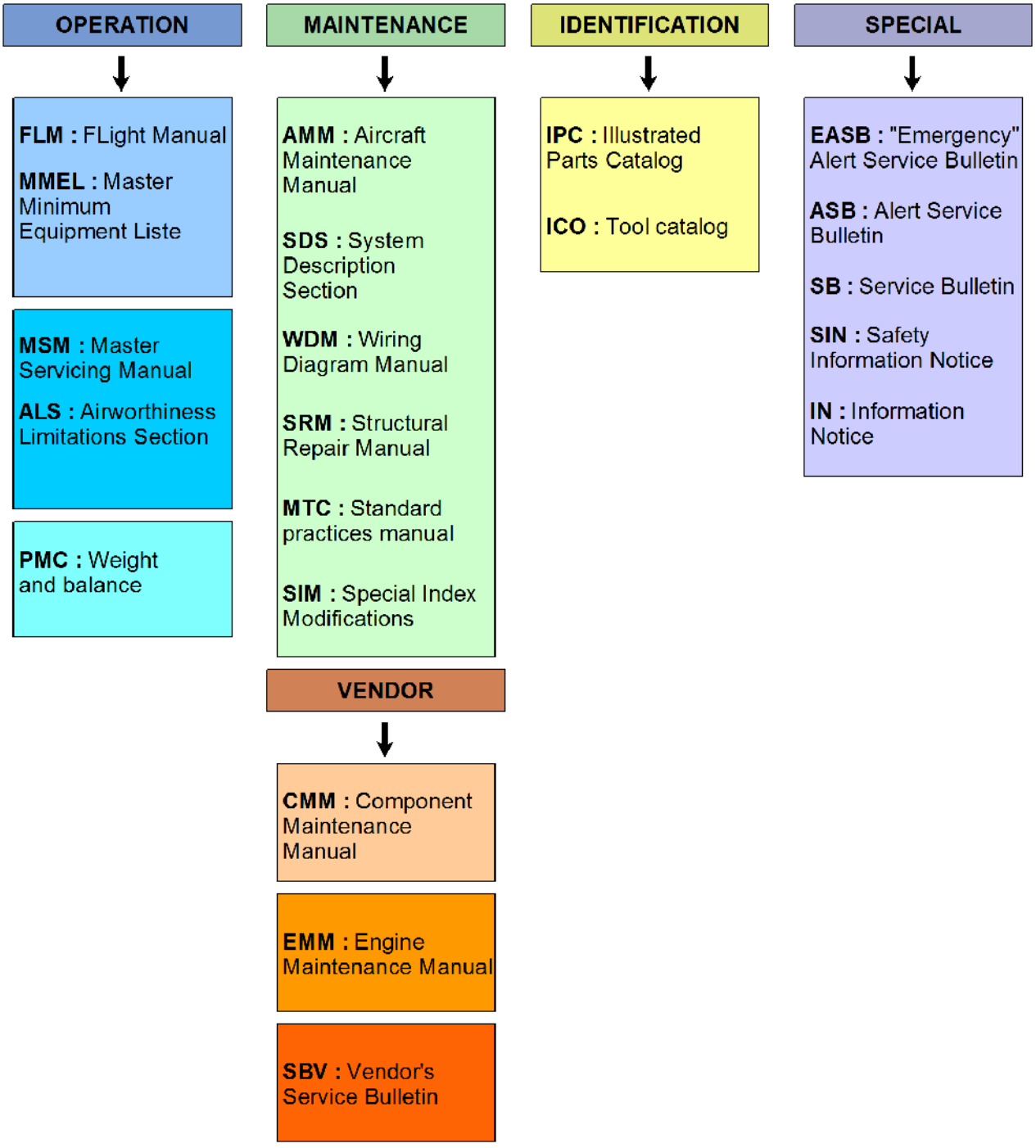
- **The Illustrated Parts Catalogue** (**IPC**) details all the spare parts necessary to maintain the helicopter.
- **The Illustrated Tools Catalogue** (**ICO**) details the tools necessary to maintain the helicopter.

5 SPECIAL DOCUMENTS

- **The Service Bulletins** (**SB**), **Alert Service Bulletins** (**ASB**) and**Emergency Alert Service Bulletins** (**EASB**) The purpose of these documents is to implement, with the operators, the directives defined further to a new event (incident, modification, etc.). They complete the aircraft publications into which they are incorporated through updates if necessary.
- **The Information Notices** (**IN**), **Safety Information Notices** (**SIN**) are information documents. Their purpose is to remind the existing maintenance procedures or to give information on changes validated by Airbus and in the process of being implemented.

6 VENDOR'S DOCUMENTS

- These publications include the following equipment manufacturer manuals : **the Vendor service bulletins** (**SBV**), **the Engine Maintenance Manual** (**EMM**) and **the Component Maintenance Manual** (**CMM**).



End of the Document Unit

GLOSSARY

(-) :	Not indicated
(P) :	Provisional limitation
& :	And
// :	Or
§:	Paragraph
A :	Basic technical inspection with a cAlendar limit
ALL MP/N :	All Manufacturer Part Numbers
ALF :	Check After the Last Flight of the day
ALS :	Airworthiness Limitations Section
ATA	Air Transport Association
BFF :	Check Before the First Flight of the day
CHK :	CHecK
D :	Day
DU:	Document Unit
EASA :	European Aviation Safety Agency
ED :	Expiry Date
EXC :	EXCept
FH :	Flight Hour
FLM :	FLight Manual
FM :	Log card
GRT :	Group for staggered basic inspection
HC :	Hoist Cycle
HPC :	HarPoon Cycle
HT :	Hard Time maintenance
LOEDU :	List Of Effective Document Units
LC :	Landing Cycle
M :	Month
MGB :	Main Gear Box
MP/N :	Manufacturer Part/Number
MRH :	Main Rotor Head
MSM :	Master Servicing Manual (Maintenance Program)
OC :	On Condition
OPT :	OPTion
OTL :	Operating Time Limit
PN :	Part Number
PO :	Perform Once
POST :	After (POST MOD, POST SB...)
PRE :	Before (PRE MOD, PRE SB...)
RC :	Roping Cycle
SB :	Service Bulletin
SC :	Sling Cycle

SLL :	Service Life Limit
S/N :	Serial Number
T :	Basic Technical inspection with an hour-based time limit
TA :	Turn Around check
TBO :	Time Between Overhaul
TC :	Torque Cycle
TGB:	Tail Gear Box
TL :	Type Limit
TRH :	Tail Rotor Head
TSI :	Time Since Installation
TSM :	Time Since Manufacture
WC :	Work Card
Y :	Year

End of the Document Unit

STRUCTURE OF THE MSM

1 GENERAL STRUCTURE OF THE MSM

The Master Servicing Manual (MSM) is broken down into two parts.

The first part comprises general information which explains how the MSM operates and how it must be used.

The second part which defines the scheduled maintenance comprises the following sections:

- 05-10-00 Intervals and operating time limits

  This section lists the components subject to an Operating Time Limit (OTL) or to a limited Time Between Overhauls (TBO) together with their corresponding limits.

  This section also lists the components subject to On-Condition maintenance (OC).

- 05-20-00 Maintenance operations

  This section lists all the maintenance operations to be carried out on the helicopter regardless of the operating conditions.

- 05-50-00 Special monitoring

  This section contains the maintenance operations which must be carried out further to incidents or events.

These sections specify the maintenance operations which must be carried out on the helicopter, periodically or a limited number of times, whatever the helicopter operating conditions.

2 BREAKDOWN OF THE MSM

The various parts of the MSM are presented in the form of Document Units (DUs).

2.1 Identification of the DU

Each DU is unique and is identified by the following :

- the title of the manual at the top right-hand side of the page,
- the effectivity (helicopter type and version) marked at the bottom left-hand side of the page,
- the date code of the DU at the bottom left-hand side of the page below the effectivity (format: year.month.day),
- the number of the section or the title of the DU at the bottom right-hand side of the page,
- the page number at the bottom right-hand side of the page,
- the ATA number at the bottom center of the page only for Sections 05-10-00, 05-20-00 and 05-50-00.

The end of each DU is identified by the words “End of the Document Unit” on the last page.

2.2 Task codes

The DU in Sections 05-10-00, 05-20-00 and 05-50-00 comprise maintenance tasks. These tasks are identified by a unique code specific to Airbus, comprising a group of 15 characters.

Example :

62/20/00/000/000/180

Rotor bladc pin

AMM	*62.10.00.061*		300 FH	30 FH
	62.10.00.421.001	//	1 Y	36 D

Greasing.

The first four digits (**62/20**/00/000/000/180) correspond to the ATA chapter/section breakdown.

The fifth and sixth digits (62/20/**00**/000/000/180) are used to subdivide an ATA chapter/section comprising several subjects into individual subjects.

The seventh to fifteenth digits (62/20/00/**000/000/180**) according to the section of the MSM are used to identify the tasks per ATA chapter/section/subject.

2.3 List Of Effective Document Units (LOEDU)

The LOEDU specifies the following information, for each DU, in a table:

- the Document Unit: this column specifies the number of the section and the ATA number or the title of the DU (example: 05-20-00 ATA 62).
- the type: this column is coded with the letter (R) if the DU is revised, (D) if the DU is deleted, (N) if the DU is new, or has no code (-) for DUs which are unchanged.
- the revision date: this column indicates the DU data code.

3 CLASSIFICATION OF INFORMATION

The DU in Sections 05-10-00, 05-20-00 and 05-50-00 are classified in increasing order according to ATA 100 numbering.

The tasks comprising the DUs in sections 05-20-00 are arranged in the following order: perform once tasks at the start of the DU, followed by periodic tasks.

End of the Document Unit

UPDATE OF THE MSM

1 REVISION OF THE MSM

The MSM is revised approximately every 6 months.

The MSM cover page bears the issue date code (first issue) and the current revision number taken in chronological order followed by the revision date code.

Example :

- issue date : 2012.01.30,
- revision 002 : 2012.03.28.

The last applicable revision is revision 002 with a date code of 2012.03.28.

The date code marked on the new or revised DU corresponds to the revision date code marked on the cover page.

2 UPDATE OF THE MSM

2.1 Update procedure

The user is responsible for updating his documentation each time he receives a revision or a new issue from the manufacturer. The MSM is updated using the new LOEDU which specifies which DU must be inserted (new DU), replaced (revised DU) or removed (deleted DU). A deleted DU is issued with the wording "DU TO BE REMOVED FROM THE MANUAL" in the revision concerned.

Once the MSM has been updated, the date code of each DU indicated at the bottom left-hand side of each page must correspond with the LOEDU.

The beginning of the MSM includes a "HIGHLIGHTS" page which explicitly summarizes the modifications made to each revision or new issue.

NOTE

After updating, the "RECORD OF REVISIONS" page at the beginning of the MSM must be completed (date, name and signature).

2.2 Identification of the modifications

Modifications are identified by a revision mark in the form of a vertical line in the right-hand margin of the page.

Revision marks are not used in the following DU :

- LOEDU,
- table of contents,
- highlights.

3 CUSTOMER COMPLEMENT (CC): ISSUED ON A GREEN BACKGROUND

The Customer Complement adds Document Units to the Basic Manual, which partially or totally modify the information it contains.

THE INFORMATION GIVEN ON THESE DOCUMENT UNITS TAKES PRECEDENCE OVER THE INFORMATION GIVEN IN THE BASIC MANUAL.

This information is specific to the customer and helicopter(s) identified at the bottom of the pages. The Customer Complement Document Units can be revised by reissue of the complete typesetting for a given customer. No Basic Manual Revision Document Unit is cancelled by a Customer Complement Revision. A supplement to the “LIST OF EFFECTIVE DOCUMENT UNITS” lists the Customer Complement Document Units.

The Basic Manual Revisions (on a white background) are completely separate from the Customer Complement Revisions (issued on a green background).

4 EFFECTIVITY

The operator must check the effectivity of the MSM used (correctly updated) for the helicopter concerned.

The effectivity (helicopter type and version) is indicated on the cover page and is repeated at the bottom of each page comprising the MSM DUs.

5 TECHNICAL QUERY

All technical queries to Airbus must be raised throught the Technical Request Management tool, according to procedure MTC 20-08-05-107.

End of the Document Unit

BREAKDOWN OF THE MSM

1 PURPOSE OF THE MSM

The Master Servicing Manual (MSM) is drawn up by the helicopter manufacturer and gives all the maintenance operations to be performed by the operator.

It specifies all the maintenance operations and intervals recommended by the helicopter manufacturer and designed to ensure the continuous airworthiness, the operational availability and the performance of the helicopter (*), in all its varied operating missions.

For the maintenance operations and intervals assigned to the engine components, refer to the engine manufacturer's documentation.

(*) Helicopter (type/version) defined by Airbus.

2 CHANGES TO THE MSM

The MSM is modified by the manufacturer according to changes in helicopter definition and operational feedback.

The technical content of this document is approved under the authority of the DOA ref. EASA. 21J.700.

3 COMPLIANCE TIME FOR NEW MAINTENANCE INTERVALS OR REDUCED MAINTENANCE INTERVALS

CAUTION

The following rules do not apply if a new maintenance interval or a reduced maintenance interval is published with an alert service bulletin or a service bulletin. As long as the bulletin (with its actual revision number) is not marked as incorporated the compliance time of the bulletin is binding.

NOTE

To simplify the reading in the text, the words "inspections" and "checks" are summarized as "inspections". "To inspect", "to examine" and "to check" are summarized as "to inspect".

Definitions:

1. An inspection task is a box in the list of inspections.
2. A new maintenance interval is either a complete new inspections following integration of a new element/equipment or a new inspection task introduced on existing element/equipment due to fleet experience, authority requirements or a new development of existing one.
3. A reduced maintenance interval is the modification of an inspection task from a higher to a lower maintenance interval. This may be the case due to fleet experience or authority requirements.

The general rules for new maintenance intervals are:

1. The inspection task shall be done at the next possible opportunity, at latest with the next scheduled inspection, depending on the maintenance interval.
2. Example 1: A new inspection task is introduced at 600 FH. The helicopter has accumulated 1250 FH. The last periodical inspection has been performed at 1200 FH. Therefore the new inspection task must be done with the next periodical inspection at 1800 FH.
3. Example 2: A new inspection task is introduced with an interval of 100 FH. The helicopter has accumulated 1950 FH. Therefore the new inspection task must be done with the next 100 FH check at 2050 FH.

The general rules for reduced maintenance intervals are:

1. If the inspection task is not overdue in accordance with the reduced maintenance intervals and if there are more than 100 FH remaining until due date of the inspection task, the inspection task must be performed at its due date.
2. If the inspection task is not overdue in accordance with the reduced maintenance intervals, the inspection task may be performed for the last time in accordance with the former maintenance interval or the next periodical inspection, whichever comes first.
3. Example 3: A maintenance intervals reduced from 6000 FH to 5400 FH. The helicopter has accumulated 5290 FH. 110 FH are left until the maintenance intervals of the inspection task. Therefore the inspection task has to be performed at the maintenance interval of 5400 FH.
4. Example 4: A maintenance intervals reduced from 3600 FH to 3200 FH. The helicopter has accumulated 3300 FH. Therefore at the latest, the inspection task must be done at the maintenance interval of 3600 FH (one time extension). The inspection task thereafter must be done always at the maintenance interval 3200 FH.

4 HELICOPTER MAINTENANCE

Helicopter maintenance consists in applying all the operations specified in the various sections of the MSM.

It must be performed by personnel with the required qualifications.

Maintenance includes the monitoring, servicing and reconditioning of a helicopter’s components, as specified in the various manuals, taking into account the information that the manufacturer makes known to the operator via Alert Service Bulletins, Service Bulletins, Safety Information Notice, Information Notice etc.

5 TYPES OF MAINTENANCE

- **Preventive maintenance**

  Preventive maintenance consists of all the scheduled, and generally repetitive, operations to check and maintain a given operating condition.

- **Corrective maintenance**

  Corrective maintenance consists of all the operations that are performed after detection of a fault or failure in order to re-establish the initial operating condition.

- **Remedial maintenance**

  Remedial maintenance consists of all the operations initiated to permanently correct a failure, and to partially or wholly eliminate the preventive and corrective maintenance.

6 DEFINITION OF THE MAINTENANCE MODES

There are three main maintenance modes :

- hard time maintenance,
- on-condition maintenance,

- condition monitoring maintenance.

The modes (defined below) differ mainly in how the replacement (or repair) of a component with a serviceable component is initiated. With the first two modes, the aim is to replace (or repair) the component before it fails, whereas in the third mode, to replace it after it fails.

6.1 Hard Time maintenance (HT)

A component subject to hard time maintenance must be removed at the latest when it reaches its specified limit. There are 3 types of hard time maintenance limits:

- **Service Life Limit (SLL)**

  This is an Airworthiness Limitation.

  Components which are essential for operating safety which are subject to undetectable damage due to the loads they withstand, are covered by a Service Life Limit. These components must be removed from service when the specified limit is reached.

  These limits are listed in chapter 04.

- **Operating Time Limit (OTL)**

  Components whose possible failure would have lesser consequences on flight safety than components with a Service Life Limit, are assigned an Operating Time Limit. These components must be removed from service when the specified limit is reached.

- **Time Between Overhauls (TBO)**

  A TBO is assigned to a complete assembly. The interval corresponds to the operating time permitted before an overhaul is performed in a specialized workshop. The overhaul allows the assembly to be returned to service for a new period.

  The interval corresponds to a period during which any increase in damage cannot be detected by routine maintenance (example: internal corrosion, fretting leading to the loosening of bolted assemblies, etc.).

NOTE

The time limits assigned to components guarantee flight safety with regard to the flight load fatigue alteration of components with no external deterioration. These time limits are not a commercial guarantee because a component may be removed due to wear, fretting corrosion or scoring, etc., before the expiry of the time limits.

The only warranty applicable to the helicopter and any component is the warranty included in the Sales Contract for the helicopter and the components.

6.2 On-Condition maintenance (OC)

A component subject to On-Condition maintenance must be inspected periodically to confirm:

- that there is no damage,
- or that the damage found is within the removal or maintenance criteria specified in the documentation.

In both cases, the component is kept in service until the next inspection. The component must be removed from service when it reaches the criterion for removal, or made serviceable again as per the instructions given in the documentation.

Consequently, the removal of such items cannot be programmed. It intervenes depending on the result of the inspections.

The visual inspection is aimed at the overall external appearance of the component (no distortion, failure, cracks, scratches, signs of heating or wear, etc.), which would modify its original condition.

STANDING INSTRUCTIONS RELATIVE TO CONDITION: Surface deterioration and deterioration to protection and paint on all helicopter components must be examined and treated without delay in accordance with the applicable instructions (criteria, then reworking).

6.3 Condition Monitoring (CM)

A component is subject to condition monitoring only after its failure (which has no impact on flight safety) has been detected. Such failures are detected during maintenance or in service. These components are not listed in the MSM.

NOTE

Some components can be subject to several maintenance modes, for example, an OTL during which a condition check (OC) is to be performed.

7 EFFECTIVITY - RESPONSIBILITY

The limits assigned to the component part numbers listed in the MSM are applicable to material:

- acquired directly from Airbus or through the Airbus subsidiaries or distribution network,
- purchased from the equipment vendors listed in our spare parts catalogues, either directly or through their own distribution network.

In all cases, the manufacturing source is specified in the "airworthiness document" (JAA form one, EASA Form One or equivalent).

Airbus will not carry out repairs on components which were procured other than through the Airbus distribution network.

WARNING

IT IS PROHIBITED TO REUSE PARTS, EQUIPMENT OR ASSEMBLIES, COMING FROM A HELICOPTER WHICH HAS INVOLVED IN AN ACCIDENT, WITHOUT FORMAL TECHNICAL APPROVAL FROM THE AIRBUS CUSTOMER TECHNICAL SUPPORT DEPARTMENT.

REMINDER: THE AIR ACCIDENT INVESTIGATION BOARD OF THE COUNTRY CONCERNED IS RESPONSIBLE FOR CLASSING AN EVENT AS AN ACCIDENT.

8 MAINTENANCE INTERVALS

8.1 Daily Checks

The daily checks are designed to ensure the operational availability of the helicopter. The following checks are defined:

- **15 Flight Hour Inspection (15 FH)**

  The 15 FH inspection must be carried out at the latest :

  - at 15 FH if the helicopter flies 15 hours in less than 7 days,

- at 7 days if the helicopter flies less than 15 hours in 7 days,

- before the flights are resumed if the helicopter is grounded for 7 days or more, in accordance with the conditions defined in the MTC and the EMM.

NOTE

On completion of a 15 FH inspection, the helicopter can fly again for a maximum period of 15 FH or 7 days.

For operational reasons, the 15 FH inspection can be brought forward in order to provide a new period of 15 FH or 7 days.

This inspection is designed to ensure the operational availability of the helicopter and it must be carried out by :

• by maintenance-qualified personnel,

or

• a pilot or a flight mechanic qualified by the operator's maintenance organization.

IN CASE OF DOUBT OR IF AN ANOMALY IS FOUND, THE PILOT OR THE FLIGHT MECHANIC MUST CONTACT THE MAINTENANCE SUPERVISOR TO HAVE THE MAINTENANCE OPERATIONS CARRIED OUT.

In accordance with the criteria given in the publications, the mechanic shall decide :

• either to authorize the flights with monitoring of the faulty components. In this case, the mechanic shall inform the pilot of the criteria to be complied with to continue the flights of the day.

• or to carry out corrective actions before resuming the flights.

- **Acceptance of a Helicopter by the Pilot and/or Incorporation of a Modification on the Helicopter**

  The mechanic or the maintenance manager must systematically inform the pilot in case of:

  - embodiment of a design modification of the helicopter.

  - any change in the maintenance intervals of the modified component.

- **Preflight check in cold weather and very cold weather**

  Depending on the minimum temperatures reached, an additional schedule has been defined in the AMM.

- **Inspection of optional systems**

  The detailed schedule is given in the Aircraft Maintenance Manual (AMM 05.21.00.214).

8.2 Supplementary check (S)

This supplementary check must be carried out every 100 FH without exceeding 1 year.

This check is focused on checking the condition of the components which are subject to short inspection intervals (less than that for the basic inspection).

8.3 Additional Check (F)

Some governing authorities require an inspection which complies with FAR 43-11 and to be carried out in certain circumstances (renewal of certificate of airworthiness, change of ownership, 100 FH, etc.).

- FAR or type F check (defined in AMM Work Card 05-25-00-212). The interval of the type F check is the same as that of the type S check. The operations of the type F check come as a complement to the operations of the type S check.

8.4 Basic Inspection (T or A)

The basic inspection is composed of checks related to:

- aircraft operation, to be carried out every 600 FH (type T inspection) or every 2 years (type A inspection).

The basic inspection includes :

- functional tests to monitor the behavior of components and systems,
- inspection of the condition of the components that have a direct influence on the airworthiness condition of the helicopter.

The purpose of the basic inspection is to check the general condition of the helicopter by means of detailed visual checks (for distortions, breaks, cracks, scores, corrosion, signs of overheating, wear, impacts, etc.) of the systems and equipment.

The basic inspection is supplemented:

- every 2nd time by a “2T or 2A” type inspection supplement,
- every 3rd time by a “3T or 3A” type inspection supplement,
- every 4th time by a “2T or 2A and 4T or 4A” type inspection supplement,
- and so on.

The visual examination covers the external appearance of the component and it is a way of ensuring that:

- there have been no alterations,
- or that the alterations found remain within the removal or repair criteria given in the technical publications.

NOTE

During each inspection, it is essential that the following be checked :

- no additional action has been requested recently by the manufacturer through issuing of an Alert Service Bulletin, Service Bulletin, etc.,

- no interval or limit has been modified through issuing of an Alert Service Bulletin, Service Bulletin, etc.,

- no interval or limit specified in the MSM has been reached. The limits (TBO, OTL, and SLL) specified in MSM Section 05-10-00 and ALS Section 04-10-00 must also be taken into account so that the replacement of certain components which will reach their due time before the aircraft is grounded again can be scheduled.

8.4.1 Principle basic inspections

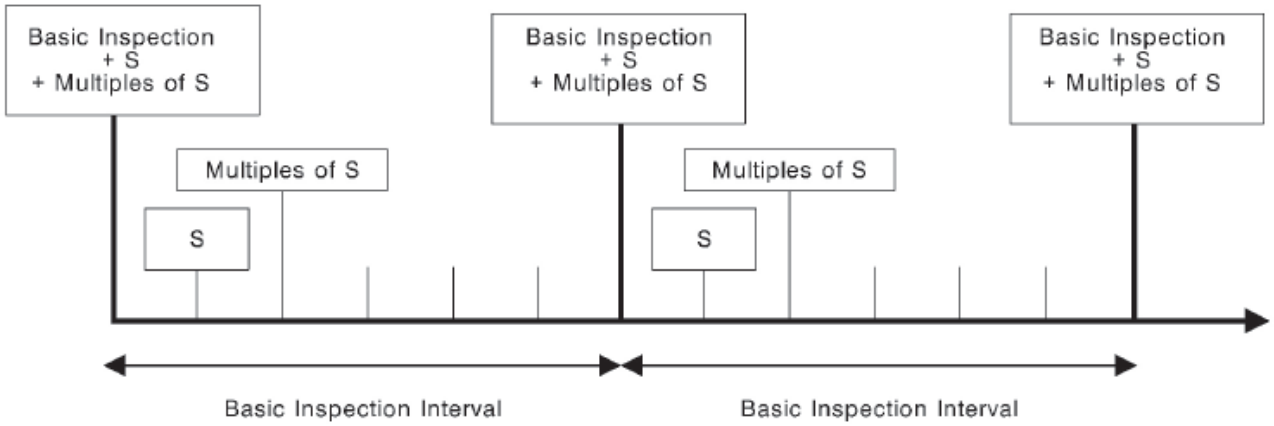
Airbus puts forward the following solutions with a view to minimizing the helicopter downtime for the basic inspection and in order to enable each operator to schedule and organize his maintenance in line with the operation of his helicopter:

- **Consolidated basic inspection:**

  This option requires an extended helicopter downtime so that all the operations can be carried out.

  All the operations that make up the basic inspection must be carried out by the specified due time at the latest.

Example : Consolidated basic inspection



- **Staggered basic inspection:**

  If the operator wishes to replace the long downtime by a larger number of shorter downtimes, the basic inspection operations can be divided into groups. These groups of operations can be carried out at different times and staggered so that all the operations are completed by the time the basic inspection due time is reached.

  Each operator can determine the number or groups he requires and define their content in keeping with his specific organization.

  Airbus suggests an organization in six groups whereby the maintenance operations are optimized.

  These groups have been determined according to helicopter zones and identified: GRT 01, GRT 02, GRT 03, GRT 04, GRT 05, GRT 06 in the Maintenance Program tasks in Section 05.20.00, "Documentation" column.

  Group 1 (GRT 01) :

  - Main Rotor Hub and Main Rotor Blades

  Group 2 (GRT 02) :

  - Tail Rotor Hub, Tail Rotor Blades, Tail Gearbox, Tail Boom, Horizontal Stabilizer, Outboard Fins.

  Group 3 (GRT 03) :

  - Main Gearbox, Landing Gear, Fuel System.

  Group 4 (GRT 04) :

  - Engines, Starter Generators, FADEC.

Group 5 (GRT 05) :

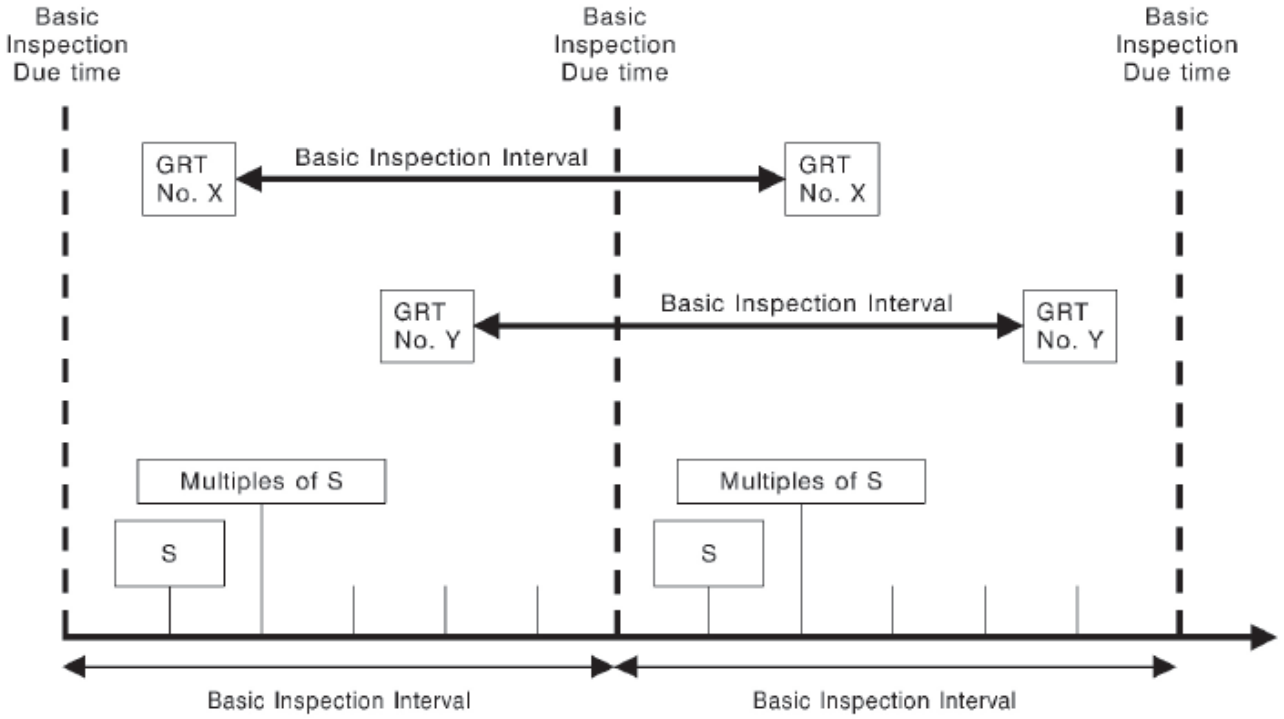
- Electrical Power System, Automatic Flight Control System, Optional Equipment, De-Icing system.

Group 6 (GRT 06) :

- Structure (except for tail boom...), Air Conditioning System, Flight Controls.

These groups take into account the airworthiness operations scheduled at 660 FH.

Example : Staggered basic inspection



End of the Document Unit

USE OF THE MSM

1 ADAPTATION OF THE MSM

The Master Servicing Manual (MSM) presents the limits for the maintenance operations recommended by the manufacturer.

It can be used as is or it can be adapted by each operator according to his operational needs on the condition he has the approval of his aviation authorities and that he complies with the interval for each maintenance operation.

2 INFORMATION FEEDBACK FROM THE OPERATOR TO THE MANUFACTURER

The operator must inform his local aviation authorities and the aircraft manufacturer of any significant failure or malfunction discovered in operation or in maintenance, particularly when the component in question is maintained by condition monitoring.

This feedback can be an essential factor for continuous airworthiness (refer to Chapter 04, DU: USE OF THE ALS: "OCCURRENCE REPORTING").

This is also applicable in case of an accident.

3 IN-SERVICE MONITORING

3.1 Airframe monitoring

In-service monitoring of the airframe must be recorded on the helicopter logbook.

3.2 Monitoring of components

All the components listed in Section 05-10-00 of the MSM are to be monitored in service, unless "not to be monitored in service" is specifically mentioned in the task.

The in-service monitoring of components consists in recording the date of installation, the number of flight hours and/or the calendar time and/or the cycles logged on the equipment log card (**FM**).

If the component does not have a Log Card (component monitored via the Log Card of its higher assembly, component without serial number, etc.), before installation, the operator must organize his documentation in order to comply with the inspection intervals and the limits relating to this component (refer to Standard Practices Manual Work Card 20.08.05.101).

These records must be kept if the component is transferred from one helicopter to another.

All the documentation must be organized to enable recording of all the parameters used to comply with the limits.

3.3 Particular case of elastomer hoses

The operator must calculate the aging of elastomer hoses for rejection in accordance with the instructions of Standard Practices Manual (MTC) Work Card 20.09.01.902.

The operator must issue a monitoring document (for example a Log Card) in order to comply with the operating time limits.

4 COMPONENT PART NUMBERS

4.1 Definition

- **Manufacturer Part Number (MP/N)** : this is the identification number of the component, marked on the identification plate or directly on the component.

- **Airbus Part Number (PN)** : this is Airbus part number which is associated with the Manufacturer Part Number (MP/N) for components which are not manufactured by Airbus.

The part numbers of components or assemblies which are given in the MSM are the Manufacturer Part Numbers (MP/N).

In the case of components which are not manufactured by Airbus, the MP/N is followed by the associated PN (in brackets).

Example :

28/20/00/404/000/040

Booster pump

P94C16-606	(704A44510022)	TBO	2000 FH	0

In some cases the MP/N is not specified, in this case it is replaced by a hyphen.

4.2 Part number followed by a suffix

In some cases, the MP/N can be assigned a suffix (example: MP/N 365A33-6005-08**M**), used for spares, to indicate the installation of an optional component or a specific configuration.

These MP/Ns with a suffix generally do not appear in the MSM.

The limit applicable to an MP/N with a suffix is the same as that of the same MP/N without a suffix.

Example: the limit given for assembly MP/N 365A33-6005-08 is valid for assembly MP/N 365A33 6005 08 and assembly MP/N 365A33 6005 08M.

4.3 Applicability of the limits

The limit(s) specified for the first MP/N is (are) valid for all the other MP/Ns listed in the same task

Example :

29/10/00/402/000/020

Hydraulic pump

C24999010 C24999010-1	(704A44320032) (704A44320038)	TBO	3000 FH	300 FH

4.4 Changes to part numbers

Unless otherwise specified, the service life limits and the inspections apply to the component whose Part Number is listed in the MSM as well as to its future changes when these are not already indicated in this chapter. In this case, contact the Airbus Technical Support Department to confirm the validity of installation of the dash number.

5 EXPRESSION OF THE LIMITS

A component or a maintenance operation can be subject to one or several limitations, expressed in :

- flight hours,
- calendar time,
- cycles,
- number of operations (for certain components).

5.1 Flight Hours

FH (Flight Hours) are counted from take-off to landing.

5.2 Calendar Time

Calendar time can be expressed :

- in years (Y),
- in months (M),
- in days (D),
- from the date written on the label of the equipment item (ED: Expiry Date).

5.2.1 Airframe initial aging date

The helicopter airframe initial aging date to be taken into account is the date marked on the helicopter identification plate.

5.2.2 Initial aging date for a component

Unless specified differently by mentions TSI (Time Since Installation) or TSM (Time Since Manufacture) in each MSM Task concerned, the start date for aging (T0) to be taken into account is the date of first installation or first depreservation to be recorded on the Log Card for:

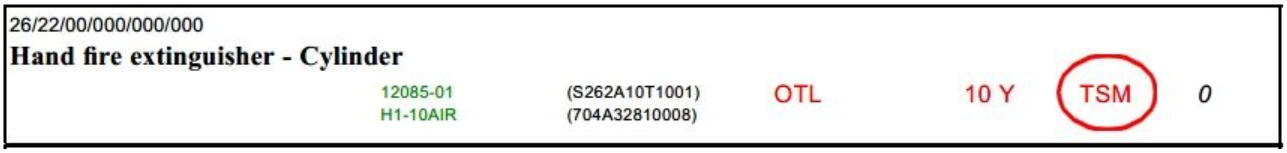
- new equipments or mechanical assemblies (with OTL or TBO) and their constituants
- not new equipments or mechanical assemblies (with TBO) and their constituants after accomplishment of an overhaul

The storage time before installation is not to be taken into account in the aging calculation provided that storage was compliant with the applicable documentation, except for the special cases specified below.

Exception :

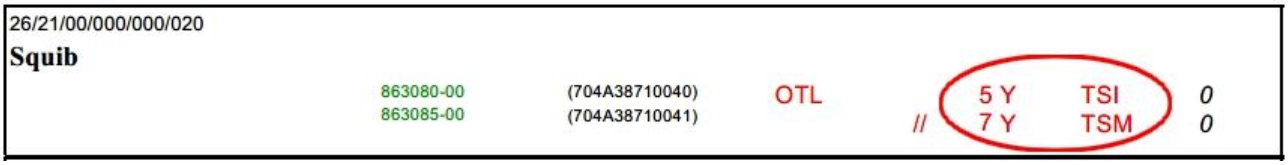
For some equipments and mechanical assemblies, the date to be taken into account for aging is the date of manufacture recorded on the Log Card. In this case, TSM (Time Since Manufacture) is specified in each MSM Task concerned.

Exemple:



Some equipments and mechanical assemblies are subject to both a limitation since installation and a limitation since manufacture. In this case, TSI (Time Since Installation) or TSM (Time Since Manufacture) is specified behind the respective limitation.

Exemple:



NOTE

If there is no log card, when the component arrives in the stores, it is advisable to create a "Follow-up Sheet" and to fill out the helicopter logbook when the component is installed. When the component is installed on the helicopter, the applicable date is the date of manufacture marked on the component's identification plate.

NOTE

Dynamic components, which have been subject to work in a specialized workshop or long-term storage in accordance with the applicable instructions during this period, may be subject to an extension to this calendar time limit.

In this case the operator must make a request with the Airbus Technical Support Department and obtain approval from the manufacturer and the Airworthiness Authorities.

5.3 Cycles

Depending on the component, the cycles may be expressed in :

- **Landing Cycles** (LC)

  1 LC = 1 take-off/landing.

- **Sling Cycles** (SC)

  - 1 load release on the ground = 1 SC (load on the ground)

  - 1 load release in flight = 3 SC (load not laid on the ground)

- **Roping Cycles** (RC)

  1 RC = 1 rope release, or 4 commandos roping down without rope release.

- **Hoist Cycles** (HC)

  1 HC =

  - in flight, 1 lowering plus one raising, whatever the unwound cable length and the load used.

  - on the ground, 1 lowering greater than or equal to 5 meters and one equivalent raising, whatever the load used.

- **OPerating Hours** (OPH)

  The definition is specified in the task concerned.

5.4 Provisional limitations

The limits for which additional fatigue tests indicate the possibility of an extension, are identified by code “P” (Provisional). This code (P) follows the value of the limit in the tasks concerned.

The operator should therefore store the component in question after removal, pending a service life extension.

5.5 Periodic and perform once limits

The intervals given in Section 05-20-00 of the MSM are to be complied with :

- **Périodically** : the maintenance operation must be performed at the latest when the indicated interval is reached.

NOTE

For operational reasons, the maintenance operation can be performed before the limit is reached, however, the maximum interval between two maintenance operations must be complied with.

or

- **Once only** : the maintenance operation must be performed *once only, when the indicated interval is reached.*

  It must not be performed before the interval is reached.

  These maintenance operations are identified by a dotted line around the task and by code PO (Perform Once) in front of the limit value.

  These operations can be performed either :

  - after installation of a component removed from the same helicopter,

  - after the introduction to service of a new, overhauled or repaired component,

  - after installation of a component originating from another helicopter,

  - each time after the component is installed.

  The start of the maintenance operation is specified on each task concerned.

Example :

62/20/00/605/000/000

Mast and/or hub

AMM	62.20.00.22	PO	3 FH	7 FH

Check tightening torque loads.
Each time after the component is installed.

5.6 Performance interval

Some components and maintenance operations are assigned several intervals separated by the "**//**" or "**&**" sign.

In the case of intervals separated by the "**//**" sign, **the maintenance action must be carried out at the first interval reached.**

The next limit which will trigger the maintenance action will once again be the first limit reached.

In the case of intervals separated by the “&”, **the maintenance action must be performed at each interval indicated.**

Example 1 : (Section 05-10-00)

67/30/00/000/000/015

Main rotor servo-control

SC8037	(704A44831149)	TBO	//	1000 FH 20 Y	TSM	*100 FH* *180 D*

TSM or overhaul.

A servo-control operates for 800 FH over a period of 20 Y (TSM). Therefore, the first interval reached by the servo-control is 20 Y, and it must be removed for Overhaul (TBO) before being released to service for a new period.

After Overhaul, this servo-control is installed on aircraft and then operates for 1000 FH in 10 Y. Therefore, the first interval reached by the servo-control is 1000 FH. It must therefore be removed for a new Overhaul (TBO).

Example 2 : (Section 05-20-00)

25/62/00/000/000/090

Float

	CMM	*25.69.35*	PO	6 Y	180 D
216064-0 (-) 216166-0 (-) 216167-0 (-) 216080-0 (-)				& 9 Y & 12 Y	180 D 180 D

Proof pressure test and detailed check.

The maintenance operation must be carried out once at 6 Y, once at 9 Y and once at 12 Y after manufacture. Then this maintenance operation must be carried out again after introduction into service of new, overhauled or repaired equipment.

5.7 Specific and severe atmospheric operating conditions

Certain specific and severe climatic conditions are considered as specific operating conditions. This concerns the use of helicopters in the following conditions:

- **Tropical and damp atmosphere**

  Combinations of high ambient temperatures and high humidity levels (from +28°C (+82.4°F) and 75% relative humidity).

- **Salt-laden atmosphere**

  Aircraft based on a ship or based more than 50% of the time inland at less than 1 km (.54 NM) from the coast or,

  flying more than 50% of the time over the sea at low altitude (less than 1000 feet).

- **Sand- and/or dust-laden atmosphere**

  Sand-laden wind, landing on sandy ground.

- **Cold weather**

  As soon as snow or ice conditions with an outside air temperature above -15 °C (5 °F) to -25 °C (-13 °F) are noted or forecast.

- **Very cold weather**

temperatures from -25 °C (-13 °F) to -40 °C (-40 °F).

The scheduled maintenance relating to these operating conditions is covered with all the MSM tasks.

These operating conditions require not only the operations specified in the MSM and standard maintenance operations, but also the preventive measures recommended in AMM Work Card 05.50.09.211. Since the interval is not specified, the operator must reapply the measures according to his own experience in the corresponding conditions.

5.8 Maximum limit value

The maximum limit value represents the limit not to be exceeded. No tolerance is permitted on the maximum limit value.

The maximum limit value equals to a limit value + margin value.

5.8.1 Definition of the margin

To introduce "flexibility" into maintenance planning in order to compensate for unpredictable situations (e.g. unforeseeable increase in the helicopter utilization rate), Airbus defines a value, called "margin", to be added to a limit value.

This margin, added to the limit value to which it is applicable, results in the maximum limit value (limit value + margin value) to be taken into account for two consecutive inspections.

5.8.2 Application of the margin

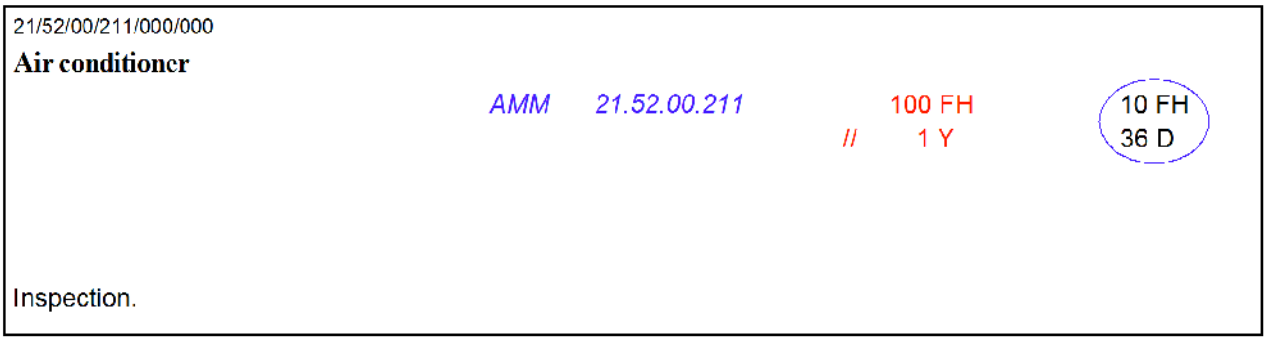
The margin can be used repetitively for each limit value interval (refer to "Example of use of the margin" § 5.8.4).

However, to maintain certain "flexibility" in maintenance planning, Airbus recommends to plan the maintenance operation using the limit value without taking the margin into account.

5.8.3 Specification of the margin

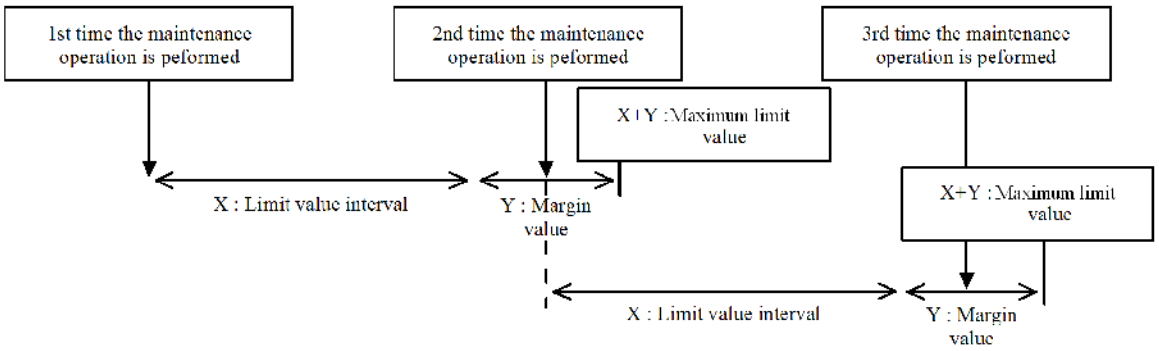
The value and the units of the margin are specified in the following example.

Example :



There is no unit specified when the margin equal zero.

5.8.4 Example of use of the margin



X is the limit value for performing the maintenance operation and Y is the margin value added to the limit value.

After using the first margin value (partially or completely), the next maintenance operation is to be performed again within the X+Y interval, that is to say before the next maximum limit value.

6 TRANSFER OF A COMPONENT FROM ONE HELICOPTER VERSION TO ANOTHER HELICOPTER VERSION

6.1 Dauphin family helicopter versions concerned by the transfer

The versions concerned by the transfer of a component are identified in the following table :

Dauphin families	Civil versions	Military versions
SA 365	C, C1, C2, C3	
AS 365	N, N1, N2, N3	F, Fs (FC, FS), Fi, K, K2
EC 155	B, B1	
AS 565		MA, SA, MB, SB, UB, MBe

6.2 Components NOT subject to in-service monitoring (Condition Monitoring)

Transfer of components not subject to in-service monitoring is authorized between all versions specified in the table above after compliance with MTC Work Card 20.08.05.104.

6.3 Components subject to in-service monitoring

6.3.1 Components subject to a Service Life Limit (SLL)

The transfer rules are defined in the ALS section.

6.3.2 Components subject to a Time Between Overhauls (TBO), to an Operating Time Limit (OTL), to On-Condition Maintenance (OC)

6.3.2.1 Authorization to transfer

The transfer of a component (part or assembly) included in section 05-10-00, from helicopter version "x" to helicopter version "y", is authorized only if the following conditions are met simultaneously:

- both helicopter versions "x" and "y" must be listed in the table above. The transfer of components originating from any other version or any other type of helicopter is forbidden,
- the part number of the component to be transferred is listed in section 05-10-00 of helicopter version "x" and in section 05-10-00 of helicopter version "y",

- no temporary limitation for the component to be transferred is assigned in the MSM of version "x" or in the MSM of version "y".
- MTC Work Card 20.08.05.104 is to be complied with during the transfer process.

6.3.2.2 Application rules

If transfer is authorized, comply with the following application rules:

- **Components subject to Time Between Overhauls (TBO) and to Operating Time Limit (OTL)**

  If the limits (flight hours and/or cycles and/or calendar time) are exactly the same on aircraft version "x" and "y", continue counting the flight hours and/or cycles and/or calendar time on aircraft version "y".

  If the limits in flight hours and/or cycles and/or calendar time on aircraft version "x" and version "y" are different , convert the flight hours and/or cycles and/or calendar time already logged (since new or since last overhaul) in accordance with the calculation rule applicable to the life limit, defined in chapter 04 (DU: "USE OF THE ALS" - §: "Calculation rules"). Then continue counting the flight hours and/or cycles and or calendar time and add them to the value obtained after applying the calculation rule.

WHEN THE FLIGHT TIME OF A COMPONENT SUBJECT TO A LIFE LIMIT (SLL) OR AN OPERATING TIME LIMIT (OTL) IS CONVERTED FOLLOWING A TRANSFER, THE OPERATOR MUST CHECK THAT THE LIFE LIMIT OR THE OPERATING TIME LIMIT OF THE COMPONENT ALLOWS THE HIGHER ASSEMBLY TO REACH ITS TBO.

IF THIS IS NOT THE CASE, THE ASSEMBLY MUST BE REMOVED WHEN THE LIFE LIMIT (SLL) OR THE OPERATING TIME LIMIT (OTL) OF THE COMPONENT IS REACHED.

- **Components subject to On-Condition maintenance (OC)**

  If the inspection intervals (flight hours and/or torque cycles and/or calendar time) for the component are identical on version aircraft "x" and version aircraft "y", continue counting the flight hours and/or torque cycles and/or calendar time on version aircraft "y".

  If the inspection intervals (flight hours and/or torque cycles and/or calendar time) are different on aircraft version "x" and aircraft version "y", perform the inspection when the component is transferred, then comply with the inspection interval specific to version aircraft "y".

6.4 Recording

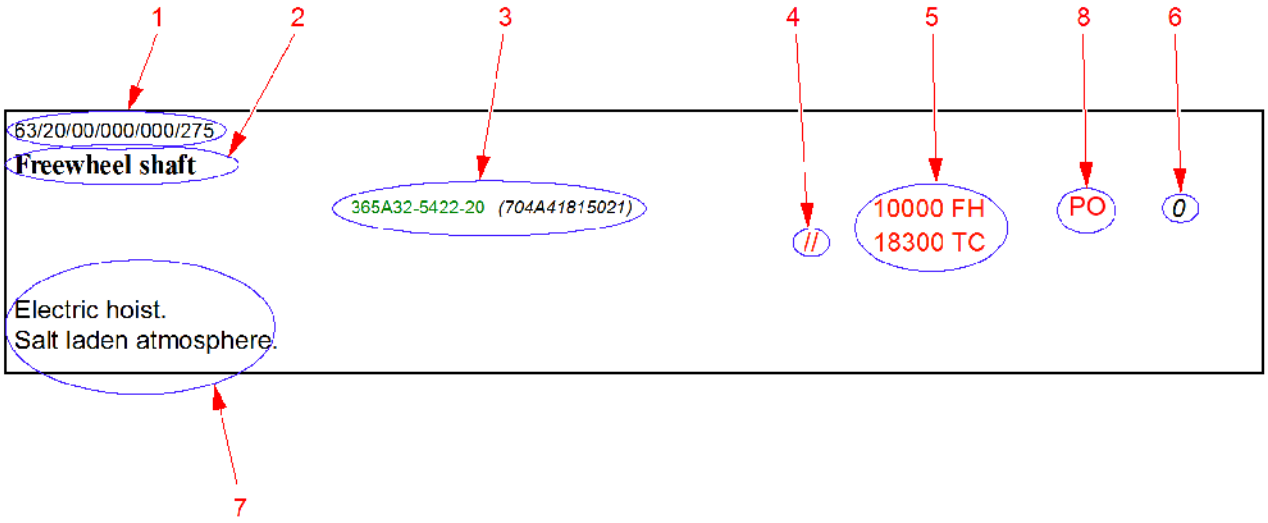
In all cases, the transfer information and the calculation must be recorded on the Log Card (FM) of the component concerned.

An individual log card must be drawn up if the component has been monitored via the log card of its higher assembly..

7 CONTENT OF A TASK

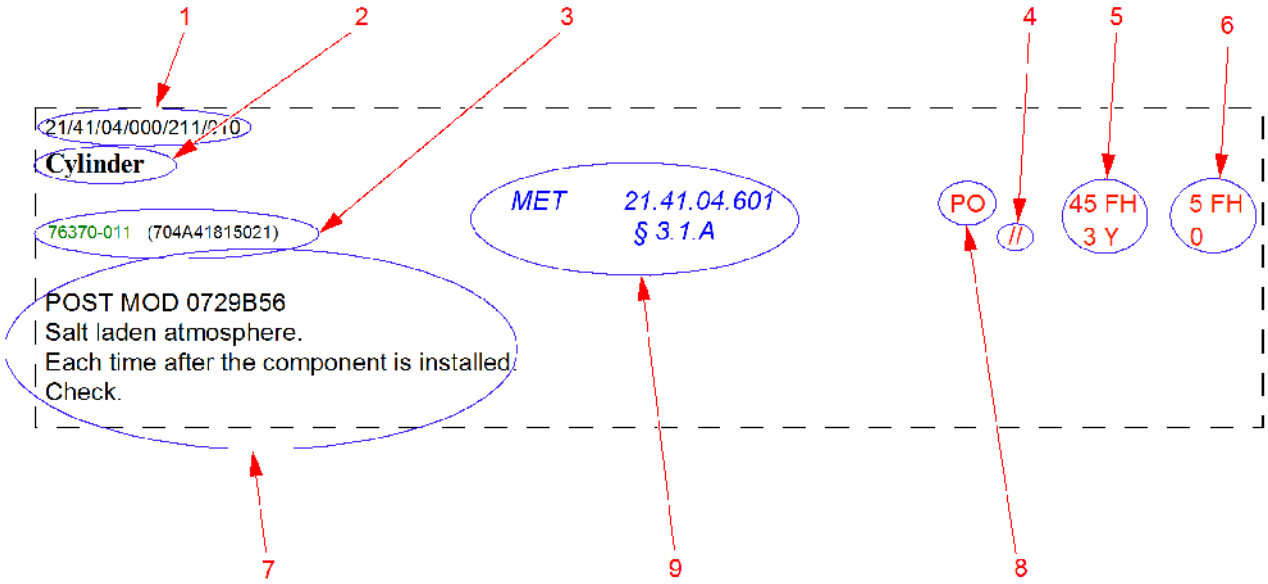
Section 05-10-00

Fictitious example.



Section 05-20-00

Fictitious example.



- 1 - Task number (refer to DU: "Structure of the MSM", § 2.2)
- 2 - Description of the component
- 3 - Component manufacturer Part Number and Airbus management number (refer to § 4)
- 4 - // (or), & (and) (refer to § 5.6)
- 5 - Value(s) and unit(s) of the limit (refer to § 5.1, 5.2 and 5.3)
- 6 - Value(s) and unit(s) of the margin (refer to § 5.8.3)
- 7 - Comments, if necessary
- 8 - PO (perform once): one-off operation (refer to § 5.5)
- 9 - Reference of the documentation: AMM, CMM, etc.

End of the Document Unit

OPTIONAL EQUIPMENT

1 COMPATIBILITY – INCOMPATIBILITY OF OPTIONAL EQUIPMENT

A system designed for specific operational requirements may sometimes impede other functions.

This incompatibility may be encountered at two different levels:

a) in operation. The operating incompatibility of Optional Equipment is specified in the Flight Manual.

b) On installation on the helicopter:

- either provision is ensured on the helicopter for two optional systems but they cannot be installed at the same time: installation incompatibility,
- or two optional systems can be installed at the same time provided that at least one of the systems is modified: compatibility subject to certain conditions.

The following table lists the approved Optional Equipment and specifies any incompatibility, capabilities or conditions and indicates when consequences on the helicopter operation are specified in a Flight Manual Supplement.

2 TABLE OF APPROVED OPTIONAL INSTALLATIONS

Key:

A: Fixed parts for both these equipment items cannot be installed together.

B: Simultaneous installation of the removable parts totally or partially incompatible.

C: Can be installed together, but cannot be used at the same time.

ITEM	INSTALLATION	NATURE OF THE INCOMPATIBILITY		
		A	B	C
1	Air Conditioning System, Electrically powered	31		2
2	Windshield deicing system	31		1
3	AERAZUR life-raft external installation Life rafts in footstep containers	15; 19; 24		4; 6; 20
4	Non foldable seat on first passenger row (row facing aft or forward)			3
5	Wet Fit (Drain pan)	15; 24	6; 7; 32; 33	
6	Roping beam	15; 24; 26; 27; 28	5; 7; 32; 33	3; 13; 16; 17; 19; 20; 22
7	12 Passenger seat layout	15; 24; 26; 27; 28	5; 6; 32; 33	3; 16; 20
8	Auxiliary fuel tank in cargo hold (180 l - 47 US gal)			
10	HEEL System	15; 26; 27; 28		
11	Emergency flotation gear			
12	Sand filters			
13	Sling with electrically controlled mirror (1 600 kg - 3 527 lb)			6; 7; 16; 20; 24; 26; 27; 28; 32; 33
14	2nd extinguisher in cabin			

ITEM	INSTALLATION	NATURE OF THE INCOMPATIBILITY		
		A	B	C
15	LH and RH hinged rear cabin doors	3; 5; 6; 7; 10; 32; 33	16; 20	
16	AIR EQUIPEMENT Hoist (272 kg/90 m)	24; 26; 27; 28	15	6; 7; 13; 20; 32; 33
17	SPECTROLAB SX-16 Search-light			6; 20
18	High visibility markings of the main rotor blade tip caps			
19	External electrical hailer	3; 24		6; 20
20	Roping installation (Ropes are not included)	24; 26; 27; 28	15	3; 6; 7; 13; 16; 17; 19; 22; 32; 33
21	Corrosion protection for SAR mission			
22	Pod-mounted FLIR installation on the RH side			6; 20
24	Retractable passenger footsteps instead of standard equipment (LH and RH sides)	3; 5; 6; 7; 16; 19; 20; 32; 33		13
25	Improved sound proofing (86 dB)	15; 26; 27; 28		
26	4/8-seat VIP installation with improved sound- proofing and carpeting	3; 6; 7; 10; 16; 20; 25; 32; 33; 36		13
27	VIP finish of the cockpit	3; 6; 7; 10; 16; 20; 25; 32; 33		13
28	Gold plated finish of the cabin metallized parts	3; 6; 7; 10; 16; 20; 25; 32; 33		13
29	Skis	35	30	
30	HELLAS			
31	Air Conditioning System Mechanically driven	1; 2		
32	9-Passengers seats lay out	15; 24; 26; 27; 28	5; 6; 7; 33	13; 16; 20
33	13-Passengers seats lay out	15; 24; 26; 27; 28	5; 6; 7; 32	13; 16; 20
34	Quick loading luggage hold			
35	Anti-sticking installation	29		
36	Passengers address NAT AA20-431 with 6 loudspeakers	26		
37	Weather radar Telephonics RDR1400C	38		
38	Weather radar Honeywell RDR2000	37		

End of the Document Unit

SB INCORPORATED

Airbus is required to issue Service Bulletins (ASB/SB) subsequent to new events (incidents, etc).

The information contained in the SBs is incorporated in the MSM if, and only if:

The SB contains new periodic checks, or modifies the existing MSM limitations.

The table below specifies for each SB incorporated:

- the number of the SB and its revision number,
- the subject of the SB,
- the ATA chapter/section concerned,
- the date on which the SB is incorporated in the MSM.

SB N°	Subject	ATA	AD number	Incorporation date
65-001 R0	Marking a Paint Index Mark on Tail Rotor Drive Shaft Bearing Blocks Nos. 2, 3 and 4	65–10		2001.03.31
65-002 R0	Replacement of TRH Pitch Control Rod	65–20		2001.11.30
04A005 R0	Tail Rotor Pitch Change Control Rod	65–20		2003.07.03
05A006 R1	Check and Replacement of Baggage Compartment Fire Extinguisher and Engine Fire Extinguishers (ATA 26-21)	26–23		2005.01.20
05A007 R0	Check of the MGB Planet Gear Carrier	63–20		2005.01.20
62A006 R0	Check for Correct Positioning of the Filler Wedge of the Tenon at the Main Rotor Blade Tip	62–10		2005.01.20
64-003 R0	Tail rotor blade protection against sand erosion	64–10		2005.01.20
32-005 R0	Brace Strut Actuator - Maintenance of the Various Components (ATA 32-20)	32–10		2005.01.20
05-003 R0	Readjustment of Door Mechanism Tightening Torques (ATA 52-12)	52–11		2005.01.20
05A005 R1	Check of the Main Gearbox (MGB) Base Plate	63–20		2005.06.09
05-008 R0	Visual Inspection of the RH and LH Engine Oil Return Hoses in the MGB Compartment (ATA 79-00)	29–12		2005.12.22
05A011 R0	Tail Rotor Blade Check	64–10		2006.11.14
53-023 R0	Visual Inspection of the Upper Flanges of the Forward Bottom Structure Longitudinal Beams	53–10		2007.04.20
62A014 R0	MAIN ROTOR - Check of the Rotor Mast / Hub Nut	62–20		2008.06.27

SB N°	Subject	ATA	AD number	Incorporation date
05-009 R1	TIME LIMITS - MAINTENANCE CHECKS - Check of the Hydraulic Hose Routing in the MGB Compartment	29–10		2008.10.13
05A007 R2	Check of the MGB Planet Gear Carrier - This SB revision leads to no change the Maintenance Programme Section.	63–20		2010.04.08
25-092 R0	Container sealing improvement for reduction of quarter-hull life-raft maintenance (SR10 type) - This SB revision leads to no change the Maintenance Programme Section.	25–69		2010.07.29
56A003 R0	WINDOWS - Windows of hinged cabin doors	56–30		2011.06.09
32-009 R0	LANDING GEAR - Skis installation	32-40		2013.09.12
24-019 R0	ELECTRICAL POWER - Electrical Bonding.	24-00		2013.09.12
05-024 R0	CHECKS - FLIGHT CONTROLS - Optimisation of flight controls maintenance	67–00		2014.05.29
05-025 R1	FUSELAGE Optimisation of maintenance effective for the structure of EC155 helicopters	53–10		2014.05.29
21-018 R0	AIR CONDITIONING - Installation of the triple-injector heating kit	21–41		2014.05.29
05–026 R0	Greasing the bolts of the reinforced scissors of the optional ski installation	32–40		2015.07.30
63A012 R1	Inspection of the Shur-Lok nut which retains the tail rotor drive flange of the Main Gearbox	63–24		2015.07.30
05–023 R1	EMERGENCY FLOTATION GEAR - SSCVFDR - Check of the immersion probe	25–62		2015.07.30
29–008 R0	Check of the Hydraulic Pipe Installation	63–20		2010.01.11
05-032 R1	Check for corrosion at the connection between the main landing gear legs and the upper part of the torque links	32-12		2018.09.10
05-035 R1	Reduction of the TBO of the deployment control unit of the CPI 503 beacon (HR SMITH)	25-66		2021.01.22
26-004 R0	FIRE PROTECTION - Obsolescence of cockpit fire extinguisher	26-22		2021.01.22
63A013 R1	MAIN ROTOR DRIVE - Tail rotor drive flange Installation of rear output stop	63-24		2021.01.22

SB N°	Subject	ATA	AD number	Incorporation date
05A033 R2	TIME LIMITS - MAINTENANCE CHECKS - Baggage compartment - Inspection of the baggage compartment skin	53-10	2019–0080	2022.02.01
05-038 R1	TIME LIMITS - MAINTENANCE CHECKS - Starter generator- Check of the starter generators MP/N 524-031	80-10		2023.01.30

End of the Document Unit

Task Number Description/Remarks	MP/N (PN)		Limit Type	Interval	*Margin*
ATA 24-ELECTRICAL POWER					
24-20 AC GENERATION SYSTEM					
24/20/00/000/000/010 **10-kVA alternator**	ALT3577	(704A46220036)	TBO	3000 FH	*300 FH*
24-30 DC GENERATION SYSTEM					
24/30/00/000/000/035 **Main battery**	33490409000 40208-2	(704A46130049) (704A46130010)	OC		
24/30/00/000/000/040 **Emergency battery**	B1250000 EE0033 EE0417	(704A46130044) (704A46140000) (704A46130051)	OC		

End of the Document Unit

Task Number Description/Remarks	MP/N (PN)	Limit Type	Interval	*Margin*

ATA 25-EQUIPMENTS/FURNISHINGS

25-00 EQUIPMENT AND FURNISHINGS

25/00/00/000/000/000

Harness - Pilot / copilot/passengers/emergency medical service

ALL MP/N	(-)	OC	

It is advisable to record the follow up of this equipment in the aircraft log book.
Pilot/copilot/passenger/operator.

25-62 OPT - EMERGENCY FLOATATION GEAR

25/62/00/000/000/010

Cylinder

216122-0 216122-1	(704A42693007) (704A42693013)	OTL	15 Y	TSM	*0*

Return the equipment to an approved repair station for overhaul and replacement of the unequipped cylinder.

25/62/00/000/000/070

Float

216064-0 216166-0 216167-0 216280-0	(NR101500123) (NR101500125) (NR101500124) (NR101500126)	OTL	15 Y	TSM	*180 D*

You can apply for an extension by returning the equipment in question to the manufacturer for examination.

25-63 OPT - ELECTRIC HOIST

25/63/02/403/000/100

Electric hoist 90m

76378-260 76378-260-D	(704A41815065) (704A41815084)	TBO	10 Y // 1000 HC	*180 D* *100 HC*

TBO applicable since TSM or overhaul.
GOODRICH FRANCE
600 LBS variable speed.

25/63/02/403/000/120

Electric hoist - Electronic control unit

61148-016	(704A41816044)	TBO	5 Y	*180 D*

GOODRICH FRANCE.

Task Number Description/Remarks	MP/N (PN)		Limit Type	Interval		Margin
25/63/02/403/000/130 **Electric hoist - Cable 90m**						
	710176 710176-100	(NR100300010) (NR100370420)	OTL	2 Y // 7 Y // 500 HC	TSI TSM	*0* *0* *0*
Tropical and damp atmosphere Salt-laden atmosphere Sand-laden and/or dust-laden atmosphere GOODRICH FRANCE.						
25/63/02/403/000/140 **Electric hoist - Cable 90m**						
	710176 710176-100	(NR100300010) (NR100370420)	OTL	4 Y // 9 Y // 500 HC	TSI TSM	*0* *0* *0*
GOODRICH FRANCE.						
25/63/02/510/000/100 **Electric hoist - Squib**						
	20CF4D	(N6714400100)	OTL	3 Y // 5 Y	TSI TSM	*0* *0*
GOODRICH FRANCE.						

25-66 EMERGENCY LOCATOR TRANSMITTER

25/66/00/000/000/001 **Emergency locator transmitter - Battery**						
CMM 25.60.03	606-180-001	(NR017700738)	OTL	ED		*0*
ADELT CPT 609.						
25/66/00/000/000/002 **Emergency locator transmitter - Deployment mechanism - Battery**						
CMM 25.60.02	00-23-1099	(704A46132002)	OTL	2 Y // 5 Y	TSI TSM	*0* *0*
ADELT CPT 609.						
25/66/00/000/000/004 **Emergency locator transmitter - Squib**						
CMM 25.60.02	BC85-070 BC85-070-1	(NR663700001) (704A38710052)	OTL	1 Y // 5 Y	TSI TSM	*0* *0*
ADELT CPT 609.						

Task Number Description/Remarks	MP/N (PN)		Limit Type	Interval	*Margin*
25/66/01/211/000/000 **Emergency locator transmitter - Battery pack**	JE2-1978-3 JE2-1978-3NG	(N6742450122) (NR003100026)	OTL	ED // 1 OPH	*0* *0*
JOLIET JE2/JE2NG. 1 OPH = 1 operating hour or operation of unknown duration.					
25/66/02/211/000/000 **Emergency locator transmitter - Battery pack**	452-0133-406	(-)	OTL	ED // 1 OPH	*0* *0*
ARTEX 110 / 406HM. 1 OPH = Operation in continuous mode or of unknown duration.					
25/66/02/211/000/005 **Emergency locator transmitter - Battery**	452-0133	(-)	OTL	ED // 1 OPH	*0* *0*
ARTEX C406-2HM. 1 OPH = 1 operating hour or operation of unknown duration.					
25/66/03/000/000/000 **Underwater locator beacon**			TBO	ED	*0*
DATASONIC ELP-362D With serial number starting with "S". Return the equipment to the manufacture or send it to an approved repair station.					
25/66/03/000/000/005 **Underwater locator beacon - Battery kit**	B362-06192-1 B362-06192-2	(-) (-)	OTL	ED	*0*
DATASONIC ELP-362D With serial number not starting with "S".					
25/66/04/000/000/000 **Underwater locator beacon**	DK100	(704A45737016)	TBO	ED	*0*
DK100. Emergency locator transmitter to be returned to the manufacturer for checking and replacement of the battery.					
25/66/04/000/000/010 **Underwater locator beacon - Battery kit**	810-2007/K 810-2008/K	(-) (-)	OTL	ED	*0*
DK120. Beacon with "Code B" indicated on the label = Battery 810-2007/K. Beacon with "Code C" indicated on the label = Battery 810-2008/K.					

Task Number Description/Remarks	MP/N (PN)		Limit Type	Interval		Margin
25/66/04/000/000/020 **Underwater locator beacon - Battery kit**	810-2042/K	(-)	OTL	ED		0
DK120/90.						
25/66/06/000/000/001 **Emergency locator transmitter - Battery pack**						
CMM 25.63.05	S1820516-99	(-)	OTL	ED		0
				// 1 OPH		0
KANNAD 406-AF. KANNAD 406-AP. 1 OPH = 1 operating hour (excluding test) or operation of unknown duration.						
25/66/07/000/000/005 **Emergency locator transmitter - Battery pack**						
CMM 25.56.97	A0696	(-)	OTL	5 Y	TSM	0
				// 1 OPH		0
HR SMITH 500-12. 1OPH = 1 utilization.						
25/66/16/000/000/000 **Emergency locator transmitter - Battery**						
	A01577	(-)	OTL	ED		0
CPI 503. Return the ELT and the attaching screw to the manufacturer to have the battery replaced. During the installation of the ELT put the new attaching screw.						
25/66/16/000/000/010 **Emergency locator transmitter - Interface unit - Battery**						
CMM 25.61.98	A01011	(NR033500002)	OTL	1 Y		0
				// ED		0
CPI 503. Battery to be replaced.						
25/66/16/000/000/020 **Emergency locator transmitter - Deployment control unit**						
	503-41	(704A45737067)	TBO	7 Y	TSM	0
				// 4000 FH		0
CPI 503. Return the equipment to the manufacturer.						

Task Number Description/Remarks	MP/N (PN)		Limit Type	Interval		Margin
25/66/16/000/000/030 **Emergency locator transmitter - Release unit**	503-21	(704A45737059)	TBO	10 Y // 1 OPH	TSM	0 0
CPI 503. 1 OPH = 1 deployment. Return the equipment to the manufacturer.						
25/66/16/510/000/700 **Emergency locator transmitter**	503-16 503-16-25	(704A45737056) (704A45737080)	TBO	10 Y // 1 OPH	TSM	0 0
CPI 503. 1 OPH = 1 deployment or 1 transmission. Return the emergency locator transmitter to the manufacturer.						
25/66/16/510/000/800 **Emergency locator transmitter - Interface unit**	503-42-6-G 503-42-G	(704A45751330) (M256A30A1004)	TBO	10 Y	TSM	0
CPI 503. Return the equipment to the manufacturer.						
25/66/18/510/000/000 **Underwater locator beacon - Battery kit**	810-2042/K B362-06192-1	(-) (-)	OTL	ED		0
Fitted ULB Honeywell 316-6004-009 (90 days) installed on SSCVFDR AR-602C & AR-204C.						

25-69 OPT - LIFE RAFTS

25/69/06/000/000/005 **Life raft** *CMM 25.64.47*	245431-0 245431-1 245434-1	(704A42691043) (704A42691060) (704A42691061)	OTL	12 Y	TSM	0
Tropical and damp atmosphere Type SR10. You can apply for an extension by returning the assembly in question to the manufacturer for examination.						
25/69/06/000/000/015 **Life raft** *CMM 25.64.47*	245431-0 245431-1 245434-1	(704A42691043) (704A42691060) (704A42691061)	OTL	15 Y	TSM	0
Type SR10. You can apply for an extension by returning the assembly in question to the manufacturer for examination.						

Task Number Description/Remarks	MP/N (PN)		Limit Type	Interval		*Margin*
25/69/06/000/000/020 **Life raft - Cylinder** *CMM 25.64.47* Type SR10.	220097-0	(-)	OTL	15 Y	TSM	*180 D*
25/69/06/100/000/000 **Life raft - Cylinder** *CMM 25.64.47* Type SR10.	217544-0	(-)	OC			

25-83 OPT - ROPING

25/83/00/000/000/000 **Roping beam** SIREN.	AS29-05-02	(704A41815092)	TBO	5 Y // 1000 RC		*180 D* *100 RC*

25-91 OPT - LOADS UNDER HELICOPTER

25/91/01/000/000/010 **Cargo hook** SIREN. Storage limit: 5 years.	AS21-5-7	(704A41811029)	TBO	5 Y // 1500 SC		*180 D* *150 SC*

End of the Document Unit

Task Number Description/Remarks	MP/N (PN)		Limit Type	Interval			Margin
ATA 26-FIRE PROTECTION							
26-21 ENGINE FIRE EXTINGUISHING							
26/21/00/000/000/000 **Squib**							
	861345 861355	(704A38710020) (704A38710021)	OTL	 //	3 Y 42 M	TSI TSM	0 0
26/21/00/000/000/020 **Squib**							
	863080-00 863085-00	(704A38710040) (704A38710041)	OTL	 //	5 Y 7 Y	TSI TSM	0 0
26/21/00/401/000/005 **Engine fire extinguisher - Cylinder**							
	860-840	(704A42820021)	OC				
26/21/00/401/000/006 **Engine fire extinguisher - Cylinder**							
	862780-00	(704A42820039)	OC				
26/21/00/401/000/007 **Engine fire extinguisher - Cylinder**							
	10230-01	(704A42820049)	OC				
26-22 CABIN FIRE EXTINGUISHING							
26/22/00/000/000/000 **Hand fire extinguisher - Cylinder**							
	12085-01 H1-10AIR	(S262A10T1001) (704A32810008)	OTL		10 Y	TSM	0
26/22/01/000/000/000 **Hand fire extinguisher**							
	74-00	(800G6799980100)	OC				
26-23 BAGGAGE COMPARTMENT FIRE EXTINGUISHING							
26/23/01/000/000/000 **Squib**							
	863080-00 863085-00	(704A38710040) (704A38710041)	OTL	 //	5 Y 7 Y	TSI TSM	0 0
26/23/01/000/000/012 **Fire extinguisher - Cylinder**							
	864250-00 864250-01	(704A42820042) (704A42820048)	OC				

End of the Document Unit

Task Number Description/Remarks	MP/N (PN)	Limit Type	Interval	*Margin*

ATA 28-FUEL

28-10 STORAGE

28/10/00/000/000/000 **Fuel tank**					
	ALL MP/N	(-)	OC		

28-20 FUEL DISTRIBUTION

28/20/00/404/000/030 **Booster pump**					
	C11BC0080 C11BC0081	(-) (704A44510024)	TBO	1800 FH	*0*
28/20/00/404/000/040 **Booster pump**					
	P94C16-606	(704A44510022)	TBO	2000 FH	*0*

End of the Document Unit

Task Number Description/Remarks	MP/N (PN)		Limit Type	Interval	*Margin*
ATA 29-HYDRAULIC POWER					
29-10 MAIN HYDRAULIC SYSTEM					
29/10/00/402/000/015 **Hydraulic pump**	C24160033	(704A44320029)	TBO	3000 FH	*0*
29/10/00/402/000/020 **Hydraulic pump**	C24999010 C24999010-1 C24999012	(704A44320032) (704A44320038) (704A44320047)	TBO	3600 FH	*200 FH*
29-20 AUXILIARY HYDRAULIC SYSTEM					
29/20/00/520/000/000 **Standby electric pump**	A5029190	(704A44310025)	OC		

End of the Document Unit

Task Number Description/Remarks	MP/N (PN)	Limit Type	Interval	*Margin*

ATA 31-IND./RECORDING SYSTEMS

31-21 CLOCK

31/21/00/000/000/000 **Clock CH97-10 - Battery**				
CMM 31.21.97		OTL	2 Y	*73 D*
Operating time limit that must not exceed the expiry date marked on the original packaging.				

End of the Document Unit

Task Number Description/Remarks	MP/N (PN)	Limit Type	Interval		*Margin*

ATA 32-LANDING GEAR

32-10 MAIN LANDING GEAR

32/10/00/000/000/000

Main landing gear

	ALL MP/N	(-)	OC		

32-20 NOSE LANDING GEAR

32/20/00/000/000/000

Nose landing gear

	ALL MP/N	(-)	OC		

32-40 WHEELS AND BRAKES

32/40/05/000/000/000

Anti-sinking shoes - Mechanical actuator

	355090001	(704A41450036)	TBO	8 Y	TSM 0

End of the Document Unit

Task Number Description/Remarks	MP/N (PN)		Limit Type	Interval	*Margin*

ATA 33-LIGHTS

33-43 OPT - SEARCHLIGHT

33/43/07/510/000/100

Searchlight - Gimbal arm

019058 019058-21 021715	(-) (-) (-)	OTL	7 Y	*180 D*

SPECTROLAB SX-16.
Aluminium gimbal arm.

33/43/07/510/000/200

Searchlight - Gimbal arm

022929 022929-11 022929-81	(-) (-) (-)	OTL	10 Y	*180 D*

SPECTROLAB SX-16.
Steel gimbal arm.

33-50 EMERGENCY LIGHTING

33/50/03/000/000/005

Sliding door HEEL system - Battery

8162-1 8162-2	(706A36103001) (706A36103001)	OTL	2 Y	*73 D*

Before installation, make sure that time since manufacture is less than 1 year.
Check the charge of the battery before installation.

33/50/03/000/000/015

HEEL cabin roof - Battery

5776-1	(-)	OC

33/50/03/510/000/100

HEEL cabin roof - Converter unit

6958-2	(706A36140000)	OC

End of the Document Unit

Task Number Description/Remarks	MP/N (PN)		Limit Type	Interval	*Margin*
ATA 34-NAVIGATION					
34-42 WEATHER RADAR					
34/42/01/211/000/010 **Radar 1400 antenna - Slaving unit** DA1203A. Return the equipment to an approved repair shop.	4000504-0301 4000504-0303	(N6707152800) (N6707154000)	TBO	3000 FH // 3 Y	*300 FH* *109 D*

End of the Document Unit

Task Number Description/Remarks	MP/N (PN)	Limit Type	Interval	*Margin*

ATA 45-CENTRAL MAINT SYSTEM

45-11 OPT - CVFDR

45/11/01/510/000/000

MFDAU+ - Lithium battery

CR2032RH	(NR000705733)	OTL	5 Y	*180 D*

OTL only applicable to aircraft fitted with HUMS, UMS or HOMP.
Fitted on assemblies 360-00700-100/101.
Return the equipment to Airbus for replacement of the battery.

45/11/01/510/000/100

SSCVFDR recorder

980-6021-032	(704A45381025)	OC
980-6021-066	(704A45381029)	

SSCVFDR Honeywell AR-204C or AR-602C equipped of the underwater locator beacon:
DATASONIC ELP-362D [30 days], or DUKANE DK100, or DUKANE DK120 [30 days], or DUKANE DK120/90 [90 days], or Honeywell 316-6004-009 [90 days].

End of the Document Unit

Task Number Description/Remarks	MP/N (PN)		Limit Type	Interval	*Margin*

ATA 62-ROTOR (S)

62-20 MAIN ROTOR HEAD

62/20/00/000/000/335 **Pitch-change rod body**					
	T24497	(704A33633216)	OTL	2 Y	*73 D*
Aging limit since MRH assembly.					
62/20/00/000/000/400 **Swashplate bearing**					
	121620 Y51BB10843S2M74	(704A33651157) (704A33651158)	OTL	5000 FH	*0*
62/20/00/000/000/420 **Mast bearing**					
AMM 62.22.00.061	Y45CB10700S7M74	(704A33651119)	OTL	2500 FH	*0*
62/20/00/605/000/010 **MRH**					
	ALL MP/N	(-)	OC		

End of the Document Unit

Task Number Description/Remarks	MP/N (PN)	Limit Type	Interval	Margin

ATA 63-ROTOR DRIVE (S)

63-10 ENGINE/MGB COUPLING

63/10/00/401/000/000 **Engine-MGB coupling**	ALL MP/N	(-)	OC			

63-20 MAIN GEARBOX

63/20/00/401/000/055 **MGB**	365A32-9001-00	(-)	TBO	1800 FH // 24 Y		*0* *0*

63-30 MOUNTS AND ATTACHMENTS

63/30/00/000/000/000 **MGB supports and attachments - Suspension assy**	ALL MP/N	(-)	OC			
63/30/00/000/000/072 **MGB forward suspension bar**	365A38-4520-00	(-)	OTL	3 Y	TSM	*109 D*
63/30/00/000/000/077 **MGB aft right suspension bar**	365A38-4521-00	(-)	OTL	3 Y	TSM	*109 D*
63/30/00/000/000/085 **MGB aft left suspension bar**	365A38-4521-01	(-)	OTL	3 Y	TSM	*109 D*

End of the Document Unit

Task Number Description/Remarks	MP/N (PN)	Limit Type	Interval	*Margin*

ATA 64-TAIL ROTOR

64-20 TAIL ROTOR HEAD

64/20/00/000/000/025 **TRH**	ALL MP/N	(-)	OC	

End of the Document Unit

Task Number Description/Remarks	MP/N (PN)	Limit Type	Interval	*Margin*

ATA 65-TAIL ROTOR DRIVE

65-10 TAIL ROTOR DRIVE SHAFT

65/10/00/000/000/000 **Tail rotor drive shaft**					
	ALL MP/N	(-)	OC		
65/10/00/000/000/010 **Bearing**					
	593364 83A904D-1C3 83A904DC3	(704A33651180) (704A33651142) (704A33651142)	OTL	6000 FH // 10 Y	*0* *180 D*
Bearings that cannot be dismantled. These bearings are not monitored in service, they will therefore be assigned the operating hours logged by the shaft element on which they are installed.					

65-20 TAIL GEARBOX

65/20/00/402/000/005 **TGB**					
	365A33-6005-05	(-)	TBO	2400 FH // 24 Y	*240 FH* *180 D*
65/20/00/402/000/010 **TGB**					
	365A33-6005-06 365A33-6005-08 365A33-6005-09	(-) (-) (-)	TBO	2400 FH // 24 Y	*240 FH* *180 D*

End of the Document Unit

Task Number Description/Remarks	MP/N (PN)		Limit Type	Interval	Margin

ATA 67-ROTORS FLIGHT CONTROL

67-10 MAIN ROTOR CONTROL

67/10/00/000/000/010 **Ball control**	82CF9242 82CF9243	(704A34130197) (704A34130198)	OTL	2300 FH	*230 FH*
67/10/00/000/000/020 **Ball control**	82CF-10307 82CF-10308	(704A34130228) (704A34130229)	OTL	6000 FH	*300 FH*

67-20 TAIL ROTOR CONTROLS

67/20/00/000/000/010 **Ball control**	82CF9240 82CF9241	(704A34130196) (704A34130195)	OTL	2300 FH	*230 FH*
67/20/00/000/000/020 **Ball control**	82CF-10305 82CF-10306	(704A34130226) (704A34130227)	OTL	20000FH	*300 FH*

67-30 SERVO-CONTROLS

67/30/00/000/000/005 **Tail rotor servo-control** TSM or overhaul.	SC7291	(704A44831153)	TBO	3000 FH // 20 Y TSM	*300 FH* *180 D*
67/30/00/000/000/015 **Main rotor servo-control** TSM or overhaul.	SC8037	(704A44831149)	TBO	1000 FH (P) // 20 Y TSM	*100 FH* *180 D*
67/30/00/000/000/016 **Main rotor servo-control** TSM or overhaul.	SC8037-1	(704A44831155)	TBO	3000 FH // 20 Y TSM	*300 FH* *180 D*

End of the Document Unit

Task Number Description/Remarks	MP/N (PN)	Limit Type	Interval	*Margin*

ATA 79-ENGINE OIL

79-21 OIL COOLING SYSTEM

79/21/00/000/000/000 **Engine/MGB oil cooler**				
	34774 53139	(704A33220037) (704A33220038)	OC	

End of the Document Unit

Task Number Description/Remarks	MP/N (PN)	Limit Type	Interval	*Margin*

ATA 80-ENGINE STARTING

80-10 CRANKING

80/10/00/000/000/000 **Starter generator**					
	524-031	(704A46101011)	TBO	1200 FH // 5 Y	*20 FH* *0*
TSM or overhaul.					

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*

ATA 05-TIME LIMITS/MTCE. CHKS

05-21 DAILY CHECKS

05/21/00/214/000/000 **Inspection - Optional systems**	*AMM*	*05.21.00.214* *05.21.00.214.002* *05.21.00.214.003*	TA	*0*
05/21/00/214/000/005 **Inspection - Optional systems**	*AMM*	*05.21.00.214* *05.21.00.214.001*	BFF	*0*
05/21/00/214/000/010 **Inspection - Optional systems**	*AMM*	*05.21.00.214* *05.21.00.214.004*	ALF	*0*
05/21/00/215/000/010 **Preflight check in cold weather**	*AMM*	*05.21.00.215* *05.21.00.215.001*	BFF	*0*
05/21/00/215/000/015 **Preflight check in cold weather**	*AMM*	*05.21.00.215* *05.21.00.215.001*	TA	*0*
05/21/00/215/000/020 **Preflight check in cold weather**	*AMM*	*05.21.00.215* *05.21.00.215.002*	ALF	*0*
05/21/00/218/000/010 **Preflight check in very cold weather**	*AMM*	*05.21.00.218* *05.21.00.218.001*	BFF	*0*
05/21/00/218/000/015 **Preflight check in very cold weather**	*AMM*	*05.21.00.218* *05.21.00.218.002*	TA	*0*
05/21/00/218/000/020 **Preflight check in very cold weather**	*AMM*	*05.21.00.218* *05.21.00.218.003*	ALF	*0*

Task Number Description/Remarks	Documentation	Interval	*Margin*

05-22 FLIGHT RELATED CHECKS

05/22/00/213/000/000

15-hour check

	AMM 05.22.00.213	15 FH	*0*
		// 7 D	*0*

05/22/00/214/000/000

15-hour inspection of optional equipment

	AMM 05.22.00.214	15 FH	*0*
		// 7 D	*0*

05-25 MAINTENANCE CHECK

05/25/00/211/000/000

Additional check "S"

	AMM 05.25.00.211	100 FH	*10 FH*
		// 1 Y	*36 D*

05/25/00/212/000/000

Additional check "F"

	AMM 05.25.00.212	100 FH	*10 FH*
		// 1 Y	*36 D*

Check to be carried out only for helicopters covered by FAA requirements in addition to Check "S".

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*

ATA 21-AIR CONDITIONING

21-00 AIR CONDITIONING

21/00/00/221/000/000 **P2 air system**			
	AMM 21.41.00.221	1200 FH	*120 FH*
Detailed inspection.			
21/00/00/221/000/010 **Ventilation system**			
	AMM 21.51.00.221	1200 FH	*120 FH*
Detailed inspection.			
21/00/00/221/000/015 **Ventilation indication system**			
	AMM 21.51.00.722	6000 FH	*300 FH*
Functional test.			

21-41 HEATING SYSTEM

21/41/00/721/000/000 **Heating system**			
	AMM 21.41.00.721	100 FH // 1 Y	*10 FH* *36 D*
Checking operation of electro-valve P2.			
21/41/04/211/000/000 **Heating - FLEXIRAC union seals**			
	AMM 21.41.04.211 *GRT 06*	600 FH	*60 FH*
POST MOD OP21C01 Check.			

21-52 OPT - AIR CONDITIONING

21/52/00/211/000/000 **Air conditioner**			
	AMM 21.52.00.211	100 FH // 1 Y	*10 FH* *36 D*
Inspection.			

Task Number Description/Remarks	Documentation	Interval	*Margin*
21/52/00/221/000/000 **Air conditioner - Mechanical** Detailed inspection.	*AMM 21.52.00.221* *21.52.00.221.001* *GRT 06*	600 FH	*60 FH*
21/52/00/221/000/005 **Air conditioner - Electrical** Detailed inspection.	*AMM 21.52.00.221* *21.52.00.221.001* *GRT 06*	600 FH	*60 FH*
21/52/00/221/000/020 **Compressor, electrical air-conditioning unit - Belt** Check of the belt tension.	*AMM 21.52.00.067*	1200 FH	*120 FH*
21/52/00/611/000/000 **Air conditioner** Maintenance.	*AMM 21.52.00.611*	6 Y	*180 D*
21/52/00/721/000/000 **Air conditioning system** Energizing the Air Conditioning System.	*AMM 21.52.00.722*	1 M	*3 D*

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*

ATA 22-AUTO FLIGHT

22-10 AUTOMATIC PILOT

22/10/00/722/000/000 **SAS indicator system**			
	AMM 22.10.00.722	6000 FH	*300 FH*
Functional test.			

22-11 AUTOPILOT

22/11/00/211/000/000 **Ball end**			
	AMM 22.11.00.211 *GRT 05*	600 FH	*60 FH*
Check.			

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*

ATA 23-COMMUNICATIONS

23-00 COMMUNICATIONS

23/00/00/211/000/000 **Radio-communication system**			
	AMM 23.00.00.211 *GRT 06*	600 FH // 2 Y	*60 FH* *73 D*
Inspection.			
23/00/01/221/000/000 **External hailers**			
	AMM 23.42.01.221 *AMM 23.42.03.221* *GRT 06*	600 FH	*60 FH*
Detailed inspection.			

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*

ATA 24-ELECTRICAL POWER

24-00 ELECTRICAL POWER

24/00/00/211/000/000 **Electrical power system** Inspection.	*AMM 24.00.00.211* *GRT 05*	600 FH	*60 FH*
24/00/00/761/000/000 **Electrical power system** Measurement - Electrical Bonding.	*AMM 24.00.00.761*	4 Y	*146 D*

24-20 AC GENERATION SYSTEM

24/20/00/000/000/070 **10 kVA alternator** ALT3577 (704A46220036) Splines check.	*AMM 24.21.01.221*	100 FH	*10 FH*
24/20/00/211/000/000 **AC power system** Inspection.	*AMM 24.20.00.211* *GRT 05*	600 FH	*60 FH*

24-30 DC GENERATION SYSTEM

24/30/00/000/000/000 **Main battery** 40208-2 (704A46130010) Periodical check.	*CMM 24.30.99.01* *SECTION 5000*	6 M	*18 D*
24/30/00/000/000/005 **Main battery** 33490409000 (704A46130049) Visual inspection and electrical check.	*CMM 24.39.91* *PARA. 5.2* *PARA. 5.3*	6 M	*18 D*

Task Number Description/Remarks	Documentation	Interval	*Margin*
24/30/00/000/000/010 **Main battery**	*CMM 24.30.99.01 SECTION 5000*	1 Y	*36 D*
40208-2 (704A46130010) Regular check.			
24/30/00/000/000/015 **Main battery**	*CMM 24.30.99.01 SECTION 5000*	2 Y	*73 D*
40208-2 (704A46130010) General overhaul.			
24/30/00/000/000/020 **Main battery**	*CMM 24.39.91 PARA. 6*	2 Y	*73 D*
33490409000 (704A46130049) Check.			
24/30/00/000/000/025 **Battery compartment**	*AMM 24.31.01.141*	2 Y	*73 D*
Cleaning.			
24/30/00/000/000/045 **Emergency battery**	*CMM 24.39.38*	2 Y	*73 D*
B1250000 (704A46130044) Capacity check according to the § 2D chapter test.			
24/30/00/000/000/055 **Emergency battery**	*AMM 24.31.02.741*	1 Y	*36 D*
EE0033 (704A46140000) EE0417 (704A46130051) Charge check.			
24/30/00/722/000/000 **Battery circuit**	*AMM 24.30.00.722 24.30.00.722.001 GRT 05*	600 FH	*60 FH*
Functional test.			

Task Number Description/Remarks	Documentation	Interval	*Margin*
24/30/00/722/000/010 **Double power** Check of the diodes in unit 37 ALPHA.	*AMM 24.63.01.761* *GRT 05*	600 FH	*60 FH*
24/30/00/722/000/020 **Generator circuits** Functional test.	*AMM 24.30.00.722* *24.30.00.722.003* *GRT 05*	600 FH	*60 FH*

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*

ATA 25-EQUIPMENTS/FURNISHINGS

25-00 EQUIPMENT AND FURNISHINGS

25/00/00/520/221/100

Harness - Pilot / copilot / passengers / emergency medical service

AMM 25.00.00.221 1 Y *36 D*

Detailed check.
Operation also to be performed after each installation of the seat or the harness.

25-62 OPT - EMERGENCY FLOATATION GEAR

25/62/00/000/000/090

Floats

CMM 25.69.35 PO 6 Y *180 D*
Section 500 & 9 Y *180 D*
& 12 Y *180 D*

216064-0 (NR101500123)
216166-0 (NR101500125)
216167-0 (NR101500124)
216280-0 (NR101500126)

Major inspection.

6 Y TSM
9 Y TSM
12 Y TSM

25/62/00/000/000/005

Cylinder

3 Y *0*

216122-0 (704A42693007)

Retest to be carried out by the manufacturer or at an accredited repair facility.

TSM

25/62/00/000/000/007

Cylinder

5 Y *0*

216122-1 (704A42693013)

Retest to be carried out by the manufacturer or at an accredited repair facility.

TSM

25/62/00/000/000/020

Cylinder

AMM 25.62.01.761 1 Y *36 D*

Check the inflation head frangible disc.

TSM

Task Number Description/Remarks	Documentation	Interval	Margin
25/62/00/000/000/030 **Cylinder**	*CMM 25.69.35 Section 500*	1 Y	*36 D*
Checking the gas cylinder charge. TSM			
25/62/00/000/000/210 **Emergency floatation gear**	*CMM 25.69.35 Section 500*	18 M	*54 D*
216064-0 (NR101500123) 216166-0 (NR101500125) 216167-0 (NR101500124) 216280-0 (NR101500126) Minor inspection. TSM			
25/62/00/000/000/220 **Emergency floatation gear**	*AMM 25.62.01.211 GRT 05*	3 Y	*109 D*
Check of the installation.			
25/62/01/000/000/000 **Immersion probe**	*AMM 25.62.01.721 GRT 05*	600 FH // 2 Y	*60 FH 73 D*
Functional test.			

25-63 OPT - ELECTRIC HOIST

25/63/02/520/211/100 **Electric hoist**	*AMM 25.63.01.211 GRT 05*	600 FH // 2 Y	*60 FH 73 D*
Installation check.			
25/63/02/520/611/100 **Electric hoist**	*AMM 12.30.00.611*	7 D	*0*
Salt-laden atmosphere GOODRICH FRANCE. Rinsing hoist and cable. Operation to be carried out if the hoist has not been used during that period.			

Task Number Description/Remarks	Documentation	Interval	Margin
25/63/02/520/722/100 **Electric hoist**	*AMM 25.63.01.722* *GRT 05*	600 FH // 2 Y	*60 FH* *73 D*
GOODRICH FRANCE. Check the load release controls.			
25/63/02/520/762/100 **Electric hoist**	*AMM 25.63.01.762* *GRT 05*	600 FH // 2 Y	*60 FH* *73 D*
76378-260 (704A41815065) 76378-260-D (704A41815084) Check the electrical bonding.			
25/63/02/640/000/000 **Electric hoist**	*CMM 25.64.99* *SECTION 500*	6 M // 50 HC	*0* *0*
GOODRICH FRANCE. Greasing of the winder screw. Check the cable. Check the extract and winding cable. Check the hook. Check functioning idle(s) and ends of travel.			
25/63/02/640/000/010 **Electric hoist**	*CMM 25.64.99* *SECTION 500*	1 Y // 500 HC	*0* *0*
GOODRICH FRANCE. Check the oil level in drum. Check of mechanical brake. Check of the motor electromagnetic brake. Check of the condition box of microswitches (except for amendment 23).			
25/63/02/680/000/010 **Electric hoist**	*CMM 25.64.99* *SECTION 500*	2 Y	*0*
GOODRICH FRANCE. Drain the drum.			

Task Number Description/Remarks	Documentation	Interval	*Margin*

25-66 EMERGENCY LOCATOR TRANSMITTER

25/66/00/000/000/006

Emergency locator transmitter - UHF/VHF transmitter

CMM 25.60.02
PARA. 4.B

1 M

3 D

ADELT CPT 609.
UHF/VHF transmitter test.

25/66/00/000/000/007

Emergency locator transmitter

CMM 25.60.02
PARA. 4.A

6 M

18 D

ADELT CPT 609.
Check the ramp system on the ground.

25/66/00/000/000/008

Emergency locator transmitter - Radar receiver

CMM 25.60.02
PARA. 4.C

1 Y

36 D

ADELT CPT 609.
Radar receiver test.

25/66/00/000/000/009

Emergency locator transmitter - Satellite UHF transmitter

CMM 25.60.03
PAGE 104
PARA. 3

1 Y

0

ADELT CPT 609.
Check.
Test transmission with sat./test programmer.

25/66/00/000/000/010

Emergency locator transmitter

CMM 25.60.02
PAGE 501
PAGE 502

1 Y

36 D

ADELT CPT 609.
Remove the equipment to test the deployment mechanism and the mount.

25/66/00/211/000/000

Emergency locator transmitter

AMM 25.66.05.211
GRT 05

600 FH
// 2 Y

60 FH
73 D

ADELT CPT 609.
Check.

Task Number Description/Remarks	Documentation	Interval	*Margin*
25/66/01/211/000/010 **Emergency locator transmitter** JOLIET JE2/JE2NG. Inspection.	*AMM 25.66.01.211* *GRT 05*	2 Y	*73 D*
25/66/01/721/000/000 **Emergency locator transmitter** JOLIET JE2/JE2NG. Functional test.	*AMM 25.66.01.721* *25.66.01.721.002*	6 M	*18 D*
25/66/02/211/000/010 **Emergency locator transmitter** ARTEX 110/406HM and C406-2HM. Inspection.	*AMM 25.66.02.211* *GRT 05*	2 Y	*73 D*
25/66/02/721/000/000 **Emergency locator transmitter** ARTEX 110/406HM and C406-2HM. Functional test.	*AMM 25.66.02.721*	6 M	*18 D*
25/66/03/000/000/010 **Underwater locator beacon** DATASONIC ELP-362D. Not fitted on CVFDR HONEYWELL. Cleaning and inspection.	*CMM 25.60.07*	1 Y	*36 D*
25/66/03/000/000/100 **Underwater locator beacon** DATASONIC ELP-362D. Fitted on CVFDR HONEYWELL. Cleaning and check.	*CMM 25.60.07*	2 Y	*0*

Task Number Description/Remarks	Documentation	Interval	*Margin*
25/66/04/000/000/005 **Underwater locator beacon** DUKANE DK100. Not fitted on CVFDR HONEYWEL. Cleaning and inspection.	*CMM 25.66.97* *PARA 5.2* *PARA 5.3*	1 Y	*36 D*
25/66/04/000/000/015 **Underwater locator beacon** DUKANE DK120. Not fitted on CVFDR HONEYWELL. Cleaning and inspection.	*CMM 25.66.97* *PARA 6.2* *PARA 6.3*	1 Y	*36 D*
25/66/04/000/000/025 **Underwater locator beacon - Battery kit** DUKANE DK120/90. Not fitted on SSCVFDR HONEYWELL. Cleaning and check.	*CMM 25.64.91* *§ 5.2* *§ 5.3*	1 Y	*0*
25/66/04/000/000/100 **Underwater locator beacon** DUKANE DK100. Fitted on CVFDR HONEYWELL. Cleaning and check.	*CMM 25.66.97* *PARA 5.2* *PARA 5.3*	2 Y	*0*
25/66/04/000/000/200 **Underwater locator beacon** DUKANE DK120. Fitted on CVFDR HONEYWELL. Cleaning and check.	*CMM 25.66.97* *PARA 6.2* *PARA 6.3*	2 Y	*0*

Task Number Description/Remarks	Documentation	Interval	*Margin*
25/66/04/520/000/030 **Underwater locator beacon** DUKANE DK120/90. Fitted on CVFDR HONEYWELL. Cleaning and check.	*CMM 25.64.91* *PARA. 5.2* *PARA. 5.3*	2 Y	*0*
25/66/06/000/000/002 **Emergency locator transmitter** KANNAD 406-AF. KANNAD 406-AP. Check.	*AMM 25.66.06.211*	1 Y	*36 D*
25/66/06/721/000/000 **Emergency locator transmitter** KANNAD 406-AF. KANNAD 406-AP. Self-test of the emergency locator transmitter.	*AMM 25.66.06.721*	1 M	*3 D*
25/66/07/000/000/100 **Emergency locator transmitter** HR SMITH 500-12. Self-test of the emergency locator transmitter.	*CMM 25.56.97*	1 Y	*36 D*
25/66/16/000/000/040 **Emergency locator transmitter** CPI 503. Self-test of the emergency locator transmitter.	*AMM 25.66.07.741*	6 M	*18 D*
25/66/16/000/000/050 **Emergency locator transmitter** CPI 503. Check of the installation.	*AMM 25.66.07.211*	1200 FH // 2 Y	*120 FH* *73 D*

Task Number Description/Remarks	Documentation	Interval	*Margin*
25/66/18/520/000/000 **Underwater locator beacon** 316-6004-009 (-) Fitted on SSCVFDR HONEYWELL. Cleaning and functional test.	*CMM 23.70.48* *§ Cleaning* *§ Testing of the ULB*	2 Y	*0*

25-69 OPT - LIFE RAFTS

25/69/06/200/000/000 **Life raft** Type SR10. System inspection.	*AMM 25.69.01.221*	2 Y	*73 D*
25/69/06/200/000/010 **Life raft** PRE MOD 0745C43 // PRE SB 25-092 Type SR10. Detailed inspection. TSM	*CMM 25.64.47* *PAGE 100X* *EXC. PARA. 2.A* *EXC. PARA. 2.F* *PAGE 500X* *EXC. PARA. 4.A.3* *EXC. PARA. 4.A.4*	2 Y	*73 D*
25/69/06/200/000/015 **Life raft** POST MOD 0745C43 // POST SB 25-092 Type SR10. Detailed inspection. TSM	*CMM 25.64.47* *PAGE 100X* *EXC. PARA. 2.A* *EXC. PARA. 2.F* *PAGE 500X* *EXC. PARA. 4.A.3* *EXC. PARA. 4.A.4*	30 M	*90 D*

Task Number Description/Remarks	Documentation	Interval	Margin
25/69/06/200/000/020 **Life raft** Type SR10. Overpressure test. TSM	*CMM 25.64.47 PAGE 100X PARA. 2.A*	5 Y	*180 D*
25/69/06/200/000/030 **Life raft - Cylinder** 217544-0 (-) 220097-0 (-) Type SR10. Retest to be carried out by the manufacturer or at an accredited repair facility. TSM		5 Y	*0*
25/69/06/221/000/000 **Life raft - Cylinder** 217544-0 (-) Type SR10. Corrosion inspection at the top part of the cylinder. TSM	*AMM 25.69.01.221 25.69.01.221.003*	1 Y	*36 D*

25-83 OPT - ROPING

Task Number Description/Remarks	Documentation	Interval	Margin
25/83/00/000/000/010 **Roping installation** Detailed check.	*AMM 25.83.01.221 GRT 05*	600 FH // 2 Y	*60 FH 73 D*

25-91 OPT - LOADS UNDER HELICOPTER

Task Number Description/Remarks	Documentation	Interval	Margin
25/91/00/000/000/000 **Control mechanical release - Unit** AS22-09-20 (NR081900027) Salt-laden atmosphere Check and greasing.	*CMM 25.89.06*	2 Y	*73 D*

Task Number Description/Remarks	Documentation	Interval	Margin
25/91/00/000/000/010 **Control mechanical release - Unit** AS22-09-20 (NR081900027) Check and greasing.	*CMM 25.89.06*	3 Y	*109 D*
25/91/01/061/000/020 **Sling system** SIREN. Adjust the load indicator.	*CMM 25.89.04* *GRT 06*	600 FH // 2 Y	*60 FH* *73 D*
25/91/01/211/000/030 **Sling system** Inspection.	*AMM 25.91.01.211*	2 Y // 500 SC	*73 D* *50 SC*
25/91/01/721/000/000 **Cargo hook** Functional test.	*AMM 25.91.01.721*	7 D	*0*

25-95 FOOTSTEPS

Task Number Description/Remarks	Documentation	Interval	Margin
25/95/01/000/000/000 **VIP footsteps 2000** Inspection.	*AMM 25.95.01.211*	6000 FH // 12 Y	*300 FH* *180 D*

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	Margin

ATA 26-FIRE PROTECTION

26-21 ENGINE FIRE EXTINGUISHING

26/21/00/604/000/011

Engine fire extinguisher - Cylinder

AMM 26.21.00.222	PO	1 Y	*36 D*

10230-01 (704A42820049)

After the introduction to service of a new, overhauled or repaired component.

Weighing.

26/21/00/211/000/000

Engine fire extinguishing system

AMM 26.21.00.211		100 FH	*10 FH*
	//	1 Y	*36 D*

Inspection.

26/21/00/221/000/000

Engine fire extinguishing system

AMM 26.21.00.721 *26.21.00.721.002*		2 Y	*73 D*

Functional test of the indication system.

26/21/00/221/000/010

Check valve

AMM 26.21.00.221		2 Y	*73 D*

Check with removal.

26/21/00/401/000/009

Engine fire extinguisher - Cylinder

		5 Y	*0*

862780-00 (704A42820039)

Cylinder to be proof tested by the manufacturer or an approved repair shop.

TSM

26/21/00/401/000/010

Engine fire extinguisher - Cylinder

		5 Y	*0*

860-840 (704A42820021)

Cylinder to be proof tested by the manufacturer or an approved repair shop.

TSM

Task Number Description/Remarks	Documentation	Interval	Margin
26/21/00/401/000/013 **Engine fire extinguisher - Cylinder**		7 Y	*0*
10230-01 (704A42820049) Cylinder to be proof tested by the manufacturer or an approved repair shop. TSM			
26/21/00/602/000/015 **Fire extinguishing system - Squib**	*AMM 26.21.00.761*	6 M	*18 D*
861345 (704A38710020) 861355 (704A38710021) Check.			
26/21/00/602/000/016 **Fire extinguishing system - Squib**	*AMM 26.21.00.761*	2 Y	*73 D*
863080-00 (704A38710040) 863085-00 (704A38710041) Check.			
26/21/00/604/000/000 **Engine fire extinguisher - Cylinder**	*CMM 26.29.04*	6 M	*18 D*
860-840 (704A42820021) Weighing.			
26/21/00/721/000/000 **Engine fire extinguishing system**	*AMM 26.21.00.721* *26.21.00.721.001*	2 Y	*73 D*
10230-01 (704A42820049) Functional tests of the system control.			

26-22 CABIN FIRE EXTINGUISHING

26/22/00/000/000/010 **Hand fire extinguisher - Cylinder**	*CMM 26.24.04*	6 M	*18 D*
H1-10AIR (704A32810008) Weigh the cylinder.			

Task Number Description/Remarks	Documentation	Interval	Margin
26/22/00/520/221/100 **Hand fire extinguisher - Cylinder**			
12085-01 (S262A10T1001) Weigh the cylinder.	*AMM 26.22.01.221*	1 Y	*36 D*
26/22/01/000/000/005 **Hand fire extinguisher**			
74-00 (800G6799980100) Detailed inspection.	*AMM 26.22.01.221*	2 Y	*73 D*
26/22/01/000/000/010 **Hand fire extinguisher**			
74-00 (800G6799980100) Retest to be carried out by the manufacturer or at an accredited repair facility. TSM		5 Y	*180 D*

26-23 BAGGAGE COMPARTMENT FIRE EXTINGUISHING

26/23/01/221/000/005 **Fire extinguisher - Cylinder**				
864250-01 (704A42820048) After the introduction to service of a new, overhauled or repaired component. Weighing.	*AMM 26.23.01.221*	PO	1 Y	*36 D*
26/23/01/000/000/015 **Fire extinguisher - Cylinder**				
864250-00 (704A42820042) Cylinder to be proof tested by the manufacturer or an approved repair shop. TSM			5 Y	*0*
26/23/01/000/000/020 **Fire extinguisher - Cylinder**				
864250-01 (704A42820048) Cylinder to be proof tested by the manufacturer or an approved repair shop. TSM			7 Y	*0*

Task Number Description/Remarks	Documentation	Interval	*Margin*
26/23/01/761/000/000 **Fire extinguisher system - Squib**	*AMM 26.23.01.761*	2 Y	*73 D*
863080-00 (704A38710040) 863085-00 (704A38710041) Check.			

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	Margin

ATA 28-FUEL

28-10 STORAGE

28/10/00/000/000/010
Fuel tank

MTC 20.08.06.401	3 M	*9 D*

Tropical and damp atmosphere

Check and maintenance.

28-12 OPT - SUPPLEMENTARY FUEL TANKS

28/12/01/221/000/000
Supplementary fuel tank

AMM 28.12.01.221	1200 FH	*120 FH*

Examine.

28-14 TANK

28/14/00/721/000/000
Feeder tank - Bleed valve

AMM 28.14.00.721	1200 FH	*120 FH*

Test.

28-20 FUEL DISTRIBUTION

28/20/01/142/000/045
Tank

AMM 28.20.01.141	PO	3 FH	*7 FH*

Each time after the component is installed.

Cleaning of the ejector.

28/20/00/211/000/000
Engine supply line

AMM 28.20.00.211	1200 FH	*120 FH*

Check.

28/20/00/211/000/010
Transfer pump

CMM 28.19.03	2400 FH	*240 FH*

Check according to the task 28-19-03-200-801-A01 of the CMM.

Task Number Description/Remarks	Documentation	Interval	*Margin*
28/20/00/721/000/000 **Fuel transfer electric pump** Functional test.	*AMM 28.20.03.721* *GRT 03*	600 FH	*60 FH*
28/20/00/721/000/020 **Fuel shut-off valves** Functional test.	*AMM 28.20.02.721*	1200 FH	*120 FH*
28/20/01/141/000/000 **Jet pump filter** Clean.	*AMM 28.20.01.141*	6000 FH	*300 FH*

28-40 INDICATING

28/40/00/761/000/000 **Diodes on fuel management panel** Inspection.	*AMM 28.40.00.761* *GRT 03*	600 FH	*60 FH*
28/40/01/721/000/000 **Fuel quantity indicator** Check.	*AMM 28.41.01.821*	6000 FH	*300 FH*
28/40/03/821/000/000 **Feeder tank low-level sensor** Do a functional test.	*AMM 28.41.03.721*	6 Y	*180 D*

28-42 OPT - FUEL FLOW CONTROL

28/42/00/211/000/000 **Fuel flowmeter** Check of the installation.	*AMM 28.42.00.211*	3000 FH	*300 FH*

Task Number Description/Remarks	Documentation	Interval	*Margin*
28-93 OPT - FUEL ANTI-ICING SYSTEM			
28/93/01/211/000/000 **Fuel anti-icing system** Check.	*AMM 28.93.01.211* *GRT 03*	600 FH	*60 FH*
28/93/01/721/000/000 **Fuel anti-icing thermal switch** Control of the thermal switches.	*AMM 28.93.01.721*	1200 FH	*120 FH*

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	Margin

ATA 29-HYDRAULIC POWER

29-00 HYDRAULIC

29/00/00/211/000/000

Hydraulic power system

AMM 29.00.00.211	100 FH // 1 Y	*10 FH* *36 D*

Inspection.

29-10 MAIN HYDRAULIC SYSTEM

29/10/00/000/000/030

Hydraulic reservoir and manifold assy - Filter

AMM 29.00.00.211	PO	2 FH	*3 FH*

Each time after the component is installed.

Check the position of the clogging indicators.
Operation to be performed after work on the hydraulic system.

29/10/00/211/000/000

MGB compartment hydraulic pipes

AMM 29.10.00.211 *GRT 03*	600 FH	*60 FH*

PRE MOD 0729B68

Inspection.
If a fault is found, carry out the inspection every 15 FH.

29-11 RIGHT MAIN HYDRAULIC SYSTEM

29/11/00/612/000/000

Right hydraulic system

AMM 29.11.00.612	2400 FH // 4 Y	*240 FH* *146 D*

Drain and fill the system.

29/11/00/612/000/010

Right hydraulic system

AMM 29.11.00.612	2 Y	*73 D*

Salt-laden atmosphere

Draining and filling.

29/11/00/640/000/000

Right hydraulic pump

AMM 29.11.00.062	1200 FH	*120 FH*

Greasing of the splines of the drive shaft.

Task Number Description/Remarks	Documentation	Interval	*Margin*
29-12 LEFT MAIN HYDRAULIC SYSTEM			
29/12/00/211/000/000 **Left hydraulic system - Hose** PRE MOD 0779B33 Check.	*AMM 29.12.00.211*	100 FH	*10 FH*
29/12/00/612/000/000 **Left hydraulic system** Drain and fill the system.	*AMM 29.12.00.612*	2400 FH // 4 Y	*240 FH* *146 D*
29/12/00/612/000/010 **Left hydraulic system** Salt-laden atmosphere Draining and filling.	*AMM 29.12.00.612*	2 Y	*73 D*
29/12/00/640/000/000 **Left hydraulic pump** Greasing of the splines of the drive shaft.	*AMM 29.12.00.062*	1200 FH	*120 FH*
29-20 AUXILIARY HYDRAULIC SYSTEM			
29/20/00/000/000/000 **Standby electric pump** Check of brushes and drive.	*CMM 29.29.11*	3000 FH	*300 FH*

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*

ATA 30-ICE AND RAIN PROTECTION

30-42 WINDSHIELD WIPERS

30/42/00/711/000/005 **Windshield wiper**			
	AMM 30.42.00.721	1200 FH	*120 FH*
Do a functional test.			

30-43 WINDSHIELD WASHER

30/43/00/211/000/005 **Windshield washer**			
	AMM 30.43.01.211	1200 FH	*120 FH*
Do an inspection of the system.			

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*
ATA 31-IND./RECORDING SYSTEMS			
31-00 INDICATING/RECORDING SYSTEMS			
31/00/00/721/000/000 **Central panel display system (CPDS)**	*AMM 31.60.01.721* *GRT 05*	600 FH	*60 FH*
Functional test.			

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*

ATA 32-LANDING GEAR

32-00 LANDING GEAR

32/00/00/000/000/000 **Landing gear** Tropical and damp atmosphere Salt-laden atmosphere Sand-laden and/or dust-laden atmosphere Rinse.	*AMM 12.30.00.611*	7 D	*0*

32-10 MAIN LANDING GEAR

32/10/00/221/000/000 **Main landing gear** Inspection.	*AMM 32.10.00.221*	1200 FH // 4 Y	*120 FH* *146 D*
32/10/00/221/000/001 **Main landing gear** Tropical and damp atmosphere Salt-laden atmosphere Inspection.	*AMM 32.10.00.221*	1200 FH // 2 Y	*120 FH* *73 D*
32/10/00/221/000/010 **Main landing gear** Cleaning and greasing.	*AMM 32.10.00.613* *GRT 03*	600 FH // 1 Y	*60 FH* *36 D*
32/10/00/611/001/000 **Main landing gear** Maintenance of microswitches.	*AMM 32.10.00.611* *32.10.00.611.001* *GRT 03*	2 Y	*73 D*
32/10/01/520/612/100 **Main landing gear** Shock absorber filling.	*AMM 32.10.01.612*	1200 FH // 2 Y	*120 FH* *73 D*

Task Number Description/Remarks	Documentation	Interval	Margin
32/10/01/781/000/000 **Main landing gear - Shock absorbers** Very cold weather Check inflation pressure, with the helicopter on jacks.	*AMM 32.10.01.611* *32.10.01.611.001*	50 FH	*5 FH*
32/10/02/611/000/000 **Actuating strut** Check and lubricate swivel bearings.	*AMM 32.10.02.611*	1200 FH // 4 Y	*120 FH* *146 D*
32/10/02/611/000/005 **Actuating strut** Tropical and damp atmosphere Salt-laden atmosphere Check and lubricate swivel bearings.	*AMM 32.10.02.611*	1200 FH // 2 Y	*120 FH* *73 D*

32-20 NOSE LANDING GEAR

32/20/00/221/000/000 **Nose landing gear** Inspection.	*AMM 32.20.00.221*	1200 FH // 4 Y	*120 FH* *146 D*
32/20/00/221/000/001 **Nose landing gear** Tropical and damp atmosphere Salt-laden atmosphere Inspection.	*AMM 32.20.00.221*	1200 FH // 2 Y	*120 FH* *73 D*
32/20/00/221/000/010 **Nose landing gear** Cleaning and greasing.	*AMM 32.20.00.613* *GRT 03*	600 FH // 1 Y	*60 FH* *36 D*

Task Number Description/Remarks	Documentation	Interval	*Margin*
32/20/00/611/001/000 **Nose landing gear** Maintenance of microswitches.	*AMM 32.20.00.611* *32.20.00.611.001* *GRT 03*	2 Y	*73 D*
32/20/01/520/612/100 **Nose landing gear** Shock absorber filling.	*AMM 32.20.01.612*	1200 FH // 2 Y	*120 FH* *73 D*
32/20/03/611/000/000 **Actuating strut** Check and lubricate swivel bearings.	*AMM 32.20.03.611*	1200 FH // 4 Y	*120 FH* *146 D*
32/20/03/611/000/005 **Actuating strut** Tropical and damp atmosphere Salt-laden atmosphere Check and lubricate swivel bearings.	*AMM 32.20.03.611*	1200 FH // 2 Y	*120 FH* *73 D*

32-30 EXTENTION AND RETRACTION

32/30/00/221/000/000 **Extension/retraction control system** Inspection.	*AMM 32.30.00.221*	1200 FH // 4 Y	*120 FH* *146 D*
32/30/00/221/000/005 **Extension/retraction control system** Tropical and damp atmosphere Salt-laden atmosphere Inspection.	*AMM 32.30.00.221*	1200 FH // 2 Y	*120 FH* *73 D*

Task Number Description/Remarks	Documentation	Interval	Margin
32/30/00/721/000/000 **Landing gear** Do a retraction and extension test.	*AMM 32.30.00.721*	1200 FH // 4 Y	*120 FH* *146 D*
32/30/00/721/000/005 **Landing gear** Tropical and damp atmosphere Salt-laden atmosphere Do a retraction and extension test.	*AMM 32.30.00.721*	1200 FH // 2 Y	*120 FH* *73 D*
32/30/00/722/000/000 **Landing gear** Do a test of retraction and extension safety systems.	*AMM 32.30.00.722*	1200 FH // 4 Y	*120 FH* *146 D*
32/30/00/722/000/005 **Landing gear** Tropical and damp atmosphere Salt-laden atmosphere Do a test of retraction and extension safety systems.	*AMM 32.30.00.722*	1200 FH // 2 Y	*120 FH* *73 D*

32-40 WHEELS AND BRAKES

32/40/00/211/000/000 **Skis installation** Each time after the component is installed. System inspection.	*AMM 32.40.06.211*	PO	45 FH	*5 FH*

32/40/00/211/000/010 **Wheel and tire** Inspection.	*AMM 32.40.00.211* *GRT 03*	//	600 FH 2 Y	*60 FH* *73 D*

Task Number Description/Remarks	Documentation	Interval	Margin
32/40/00/211/000/015 **Wheel and tire** Tropical and damp atmosphere Salt-laden atmosphere Inspection.	*AMM 32.40.00.211* *GRT 03*	600 FH // 1 Y	*60 FH* *36 D*
32/40/00/212/000/000 **Wheel** Examine the half-rims.	*AMM 32.40.00.212*	1200 FH // 4 Y	*120 FH* *146 D*
32/40/00/212/000/005 **Wheel** Tropical and damp atmosphere Salt-laden atmosphere Examine the half-rims.	*AMM 32.40.00.212*	1200 FH // 2 Y	*120 FH* *73 D*
32/40/00/213/000/000 **Brake system** Inspection.	*AMM 32.40.00.213* *32.40.00.213.003* *GRT 03*	600 FH // 2 Y	*60 FH* *73 D*
32/40/00/213/000/005 **Brake system** Tropical and damp atmosphere Salt-laden atmosphere Inspection.	*AMM 32.40.00.213* *32.40.00.213.003* *GRT 03*	600 FH // 1 Y	*60 FH* *36 D*
32/40/00/520/211/000 **Ski installation - Main landing gear** PRE MOD 0732B47 Check with removal of the attachment bolt of the main landing gear lower scissor with skis equipped. This check to be performed at each removal of the installation.	*AMM 32.40.06.211*	25 FH	*2 FH*

Task Number Description/Remarks	Documentation	Interval	*Margin*
32/40/03/721/000/000 **Brake system** Tests.	*AMM 32.40.03.721*	1200 FH // 4 Y	*120 FH* *146 D*
32/40/03/721/000/005 **Brake system** Tropical and damp atmosphere Salt-laden atmosphere Tests.	*AMM 32.40.03.721*	1200 FH // 2 Y	*120 FH* *73 D*
32/40/05/000/000/005 **Shoe** Anti-sinking shoes. Check.	*AMM 32.40.05.211*	100 FH // 1 Y	*10 FH* *36 D*
32/40/06/520/611/100 **Skis installation** POST MOD OP32B31 & // POST MOD OP32B42 Greasing the bolts of the reinforced scissors of the optional ski installation.	*AMM 32.40.06.611* *GRT 03*	600 FH // 1 Y	*60 FH* *36 D*

32-60 POSITION INDICATING AND WARNINGS

32/60/00/721/000/000 **Landing gear not extended audio warning device** Functional test.	*AMM 32.60.00.721* *GRT 05*	600 FH	*60 FH*

32-70 LANDING GEAR PROTECTION

32/70/00/000/000/000 **Tail guard** Check of the tail guard support assembly.	*AMM 32.70.01.221*	2 Y	*73 D*

Task Number Description/Remarks	Documentation	Interval	*Margin*
32/70/00/000/000/005 **Tail guard** Check.	*AMM 32.70.01.223*	6000 FH	*300 FH*

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	Margin

ATA 33-LIGHTS

33-00 LIGHTS

33/00/00/211/000/000

Lights

AMM 33.00.00.211	600 FH	*60 FH*
GRT 06	// 2 Y	*73 D*

Inspection.

33-43 OPT - SEARCHLIGHT

33/43/00/520/610/100

Retractable landing lights

	AMM 33.43.00.610	1 Y	*36 D*

4168748 (704A46820017)
4274479 (704A46820026)
4307405 (704A46820034)

Check and cleaning.

33/43/07/520/221/100

Searchlight

AMM 33.43.07.221 *GRT 06*	600 FH	*60 FH*

SPECTROLAB SX-16.
Detailed inspection.

33/43/07/520/222/100

Searchlight

AMM 33.43.07.222	300 FH	*30 FH*

SPECTROLAB SX-16.
Check the complete searchlight assembly.

33-50 EMERGENCY LIGHTING

33/50/03/000/000/050

HEEL system - Battery

AMM 33.50.03.721	PO	(*)	*0*

(*) First installation on aircraft or after a replacement of PSU.
(*) If the aircraft has not been used during more than 90 days in normal conditions, apply PSU battery maintenance before using again the aircraft.
(*) If the aircraft has not been used during more than 40 days, and hot conditions (<40°c) occured during this time, apply PSU battery maintenance before using again the aircraft.
Functional test.

Task Number Description/Remarks	Documentation	Interval	*Margin*
33/50/03/000/000/020 **HEEL cabin roof - Battery**	*AMM 33.50.03.722*	18 M	*54 D*
5776-1 (-) Battery capacity check.			
33/50/03/000/000/025 **HEEL system**	*AMM 33.50.03.721*	18 M	*54 D*
Functional test.			
33/50/03/520/000/100 **HEEL cabin roof - Converter unit**	*CMM 33-51-92*	18 M	*54 D*
6958-2 (706A36140000) Check.			

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*

ATA 34-NAVIGATION

34-00 NAVIGATION

34/00/00/211/000/000
Navigation system

AMM	*34.00.00.211*	100 FH	*10 FH*
		// 1 Y	*36 D*

Inspection.

34-11 AIR DATA SYSTEM

34/11/00/213/000/000
Air data system

AMM	*34.11.00.221*	600 FH	*60 FH*
GRT	*05*		

Detailed inspection.

34/11/02/791/000/000
Air data system

AMM	*34.11.02.791*	2 Y	*73 D*

Leak test.

34-42 WEATHER RADAR

34/42/01/211/000/020
Radar 1400

AMM	*34.42.01.211*	600 FH	*60 FH*
GRT	*05*	// 2 Y	*73 D*

Visual inspection of the antenna mechanism.

34-70 DISPLAY

34/70/01/721/000/000
Instrument control

AMM	*34.70.01.721*	100 FH	*10 FH*
		// 1 Y	*36 D*

SMD - Functional test.

34/70/01/721/000/010
Instrument control

AMM	*34.70.03.721*	100 FH	*10 FH*
		// 1 Y	*36 D*

RCU - Functional test.

Task Number Description/Remarks	Documentation	Interval	*Margin*
34/70/01/721/000/015 **PELICAN rack fans**			
	AMM 34.70.05.721 *GRT 05*	600 FH	*60 FH*
Functional test.			

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*

ATA 45-CENTRAL MAINT SYSTEM

45-11 OPT - CVFDR

45/11/01/520/000/000

SSCVFDR recorder - Locator beacon

2 Y *0*

980-6021-032 (704A45381025)

980-6021-066 (704A45381029)

SSCVFDR Honeywell AR-204C or AR-602C equipped of the underwater locator beacon:
DATASONIC ELP-362D [30 days], or DUKANE DK100, or DUKANE DK120 [30 days], or DUKANE DK120/90 [90 days], or Honeywell 316-6004-009 [90 days].
Refer to the MSM chapter 05-20, ATA 25-66 for the fitted emergency locator beacon maintenance.

45/11/01/520/721/000

CVR recorder

AMM 45.11.01.721
45.11.01.721.002
6 M *0 **

980-6021-032 (704A45381025)

980-6021-066 (704A45381029)

SSCVFDR AR-602C or AR-204C.
Test of the audio signal acquisition.
(*) Margin = 0 or margin defined according to regulations of the regulatory authority (maximum allowable margin: 18 D)

45/11/01/520/722/000

CVR recorder

AMM 45.11.01.722
6 M *0 **

980-6021-032 (704A45381025)

980-6021-066 (704A45381029)

SSCVFDR AR-602C or AR-204C.
Test of the erase function.
(*) Margin = 0 or margin defined according to regulations of the regulatory authority (maximum allowable margin: 18 D)

Task Number Description/Remarks	Documentation	Interval	Margin
45/11/01/520/723/000 **Immersion probe**	*AMM 45.11.01.723* *GRT 05*	600 FH // 2 Y	*60 FH* *73 D*
980-6021-032 (704A45381025) 980-6021-066 (704A45381029) SSCVFDR AR-602C or AR-204C. Functional test.			
45/11/01/520/724/000 **CVR recorder**	*AMM 45.11.01.724* *45.11.01.724.003*	1 Y	*0 **
980-6021-032 (704A45381025) 980-6021-066 (704A45381029) SSCVFDR AR-602C or AR-204C. Check and replay of the recording. (*) Margin = 0 or margin defined according to regulations of the regulatory authority (maximum allowable margin: 36 D)			
45/11/01/520/724/010 **FDR recorder**	*AMM 45.11.01.724* *45.11.01.724.001*	1 Y	*0 **
980-6021-032 (704A45381025) 980-6021-066 (704A45381029) SSCVFDR AR-602C or AR-204C. Check and replay of the recording. (*) Margin = 0 or margin defined according to regulations of the regulatory authority (maximum allowable margin: 36 D)			

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	Margin

ATA 52-DOORS

52-00 DOORS - GENERAL

52/00/00/211/000/000

Doors

AMM 52.00.00.211	100 FH	*10 FH*

Inspection.

52-11 CREW DOORS

52/11/00/221/000/000

Crew doors

AMM 52.11.00.221 *GRT 06*	600 FH // 2 Y	*60 FH* *73 D*

Detailed inspection.

52/11/00/221/000/005

Crew doors - Operating mechanism

AMM 52.11.00.221 *52.11.00.221.002*	200 FH	*20 FH*

PRE MOD 0752C13

Readjust the tightening torque loads on the door operating mechanism.

52-12 PASSENGER DOORS

52/12/00/221/000/010

Sliding doors

ASB 52A018		

PRE MOD 52C23

Detailed inspection.

52/12/00/520/211/100

Sliding doors

AMM 52.12.00.211 *GRT 06*	600 FH	*60 FH*

POST MOD 52C23

Visual check of doors.

52/12/00/520/221/100

Sliding doors

AMM 52.12.00.221 *GRT 06*	600 FH // 2 Y	*60 FH* *73 D*

POST MOD 52C23

Detailled inspection.

Task Number Description/Remarks	Documentation	Interval	Margin
52/12/00/520/641/100 **Sliding doors** POST MOD 52C23 Greasing.	*AMM 52.12.00.641* *GRT 06*	600 FH // 2 Y	*60 FH* *73 D*
52/12/01/221/000/000 **Hinged doors** System detailed inspection.	*AMM 52.12.01.221* *52.12.01.221.001*	200 FH	*20 FH*
52/12/01/221/000/005 **Hinged doors - Operating mechanism** PRE MOD 365VCV08005 or SB 52-011 Readjust the tightening torque loads on the door operating mechanism.	*AMM 52.12.01.221* *52.12.01.221.002*	200 FH	*20 FH*

52-30 Cargo door

52/30/00/520/221/000 **Compartment and battery door locks** POST MOD 0752C68 Check.	*AMM 52.00.00.221* *GRT 06*	600 FH // 2 Y	*60 FH* *73 D*

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	Margin

ATA 53-FUSELAGE

53-00 FUSELAGE

53/00/00/000/000/100

Structure

AMM 12.30.00.611	7 D	*0*

Salt-laden atmosphere

Cleaning.

53/00/00/000/000/105

Structure

MTC 20.04.01.403	ALF	*0*

Salt-laden atmosphere

Rinsing with fresh water. Jet of water with pressure not exceeding 10 bar.
Dry areas where water may accumulate and bottom structure airframe (outside).

53/00/00/000/000/110

Structure - Bead

AMM 53.00.00.211	100 FH	*10 FH*
53.00.00.211.001 //	6 M	*18 D*

Tropical and damp atmosphere
Salt-laden atmosphere

Check of sealant beads.

53/00/00/211/000/000

Structure and cowlings

AMM 53.00.00.211	100 FH	*10 FH*
//	1 Y	*36 D*

Inspection.

53-10 PRIMARY STRUCTURE

53/10/00/221/000/000

Forward bottom structure

AMM 53.10.00.221 *GRT 06*	600 FH	*60 FH*

Detailed inspection.

53/10/00/221/000/010

Forward bottom structure - Upper flanges of longitudinal beams

AMM 53.10.00.223	2 Y	*73 D*

Visual check.

Task Number Description/Remarks	Documentation	Interval	Margin
53/10/00/221/000/025 **Transmission deck** Detailed inspection.	*AMM 53.40.00.221* *GRT 06*	600 FH	*60 FH*
53/10/00/520/222/100 **Forward Bottom Structure** Tropical and damp atmosphere Salt-laden atmosphere Sand-laden and/or dust-laden atmosphere Operation to be performed every 10 Y if use in climatic conditions specified above. Operation to be performed every 14 Y if use in other climatic conditions. Detailed inspection.	*AMM 53.10.00.222*	10 Y // 14 Y	*180 D* *180 D*
53/10/00/520/223/100 **Engine deck** Detailed inspection.	*AMM 53.00.00.223*	7200 FH	*300 FH*

53-20 CANOPY AND NOSE STRUCTURE

Task Number Description/Remarks	Documentation	Interval	Margin
53/20/00/221/000/120 **Canopy and nose structure** Detailed inspection.	*AMM 53.20.00.221* *GRT 06*	600 FH	*60 FH*
53/20/00/520/223/100 **Cabin/carbon structure attachment** Tropical and damp atmosphere Salt-laden atmosphere Sand-laden and/or dust-laden atmosphere Operation to be performed every 10 Y if use in climatic conditions specified above. Operation to be performed every 14 Y if use in other climatic conditions. Detailed inspection of the canopy without removal.	*AMM 53.20.00.223* *53.20.00.223.001*	10 Y // 14 Y	*180 D* *180 D*

Task Number Description/Remarks	Documentation	Interval	Margin
53/20/00/520/223/200 **25° frame**	*AMM 53.20.00.223* *53.20.00.223.002*	10 Y // 14 Y	*180 D* *180 D*
Tropical and damp atmosphere Salt-laden atmosphere Sand-laden and/or dust-laden atmosphere Operation to be performed every 10 Y if use in climatic conditions specified above. Operation to be performed every 14 Y if use in other climatic conditions. Detailed inspection.			
53/20/00/520/223/300 **12° frame**	*AMM 53.20.00.223* *53.20.00.223.003*	10 Y // 14 Y	*180 D* *180 D*
Tropical and damp atmosphere Salt-laden atmosphere Sand-laden and/or dust-laden atmosphere Operation to be performed every 10 Y if use in climatic conditions specified above. Operation to be performed every 14 Y if use in other climatic conditions. Detailed inspection.			

53-30 CABIN STRUCTURE

53/30/00/221/000/130 **Cabin structure**	*AMM 53.30.00.221* *GRT 06*	600 FH	*60 FH*
Detailed inspection.			

53-40 TRANSMISSION DECK

53/40/00/520/222/100 **Transmission deck**	*AMM 53.40.00.222* *53.40.00.222.001*	6000 FH	*300 FH*
Torque check.			
53/40/00/520/222/200 **Transmission deck**	*AMM 53.40.00.222* *53.40.00.222.002* *53.40.00.222.003*	7200 FH	*300 FH*
Detailed inspection of the upper face and the lower faces.			

Task Number Description/Remarks	Documentation	Interval	Margin

53-50 COWLINGS AND FAIRINGS

53/50/00/221/000/150

Cowlings and fairings

AMM 53.50.00.221 GRT 06	600 FH // 2 Y	60 FH 73 D

Detailed inspection.

53/50/00/221/000/155

MGB cowlings

AMM 53.50.00.221 53.50.00.221.001	100 FH	10 FH

Inspection of the locks and hinges.

53/50/00/520/000/100

Cowling attachments

AMM 53.50.00.222	6000 FH	300 FH

Detailed inspection of the cowling attachments and hinge points.

53-54 ENGINE COWLING

53/54/00/211/000/000

Aft removable cowling - Heat shields equipped or MI15 protection

AMM 53.54.00.211	100 FH	10 FH

If defects are detected, perform this check during daily check.

53-60 AFT STRUCTURE

53/60/00/221/000/160

Aft structure assembly

AMM 53.60.00.221 GRT 06	600 FH	60 FH

Detailed inspection.

53/60/00/520/222/100

Frame X 4630

AMM 53.60.00.222 53.60.00.222.002	7200 FH	300 FH

Detailed inspection of frame X 4630 on the cabin and baggage compartment side.

53/60/00/520/222/200

9° frame

AMM 53.60.00.222 53.60.00.222.003	7200 FH	300 FH

Detailed inspection.

Task Number Description/Remarks	Documentation	Interval	Margin
53/60/00/520/222/300 **Feeder tank mounting plate assemblies**	*AMM 53.60.00.222* *53.60.00.222.004*	10 Y // 14 Y	*180 D* *180 D*
Tropical and damp atmosphere Salt-laden atmosphere Sand-laden and/or dust-laden atmosphere Operation to be performed every 10 Y if use in climatic conditions specified above. Operation to be performed every 14 Y if use in other climatic conditions. Detailed inspection.			
53/60/00/520/222/400 **Frame X 4630**	*AMM 53.60.00.222* *53.60.00.222.001*	10 Y // 14 Y	*180 D* *180 D*
Tropical and damp atmosphere Salt-laden atmosphere Sand-laden and/or dust-laden atmosphere Operation to be performed every 10 Y if use in climatic conditions specified above. Operation to be performed every 14 Y if use in other climatic conditions. Detailed inspection of the lower part.			
53/60/00/520/223/100 **Main landing gear leg fittings**	*AMM 53.60.00.223* *53.60.00.223.002*	10 Y // 14 Y	*180 D* *180 D*
Tropical and damp atmosphere Salt-laden atmosphere Sand-laden and/or dust-laden atmosphere Operation to be performed every 10 Y if use in climatic conditions specified above. Operation to be performed every 14 Y if use in other climatic conditions. Detailed inspection.			
53/60/00/520/223/200 **Main landing gear brace strut actuator fittings**	*AMM 53.60.00.223* *53.60.00.223.001*	10 Y // 14 Y	*180 D* *180 D*
Tropical and damp atmosphere Salt-laden atmosphere Sand-laden and/or dust-laden atmosphere Operation to be performed every 10 Y if use in climatic conditions specified above. Operation to be performed every 14 Y if use in other climatic conditions. Detailed inspection.			

Task Number Description/Remarks	Documentation	Interval	Margin
53/60/00/520/225/100 **Aft floatability cradles** Tropical and damp atmosphere Salt-laden atmosphere Sand-laden and/or dust-laden atmosphere Operation to be performed every 8 Y if use in climatic conditions specified above. Operation to be performed every 14 Y if use in other climatic conditions. Detailed inspection.	*AMM 53.60.00.225*	8 Y // 14 Y	*180 D* *180 D*
53/60/00/520/226/000 **Baggage compartment - External skin** Visual inspection.	*AMM 53.60.00.226* *53.60.00.226.001*	100 FH	*10 FH*
53/60/00/520/226/005 **Baggage compartment - External skin** Tapping inspection. If there is a new separation, proceed to 3 inspections by tapping at 100 FH (+10 FH) / 200 FH (+20FH) / 300 FH (+30 FH). If there is no evolution of the separation, continue the inspections according to the standard schedule.	*AMM 53.60.00.226* *53.60.00.226.002* *GRT 06*	600 FH	*60 FH*

53-70 FLOORS

53/70/00/221/000/170 **Cabin and baggage compartment floors** Detailed inspection.	*AMM 53.70.00.221* *GRT 06*	600 FH	*60 FH*
53/70/00/520/222/100 **Chords of Forward** PRE MOD 0753C71 Detailed inspection of the flanges.	*AMM 53.70.00.222a*	8 Y	*180 D*

Task Number Description/Remarks	Documentation	Interval	Margin
53/70/00/520/222/200 **Chords of Forward** POST MOD 0753C71 Tropical and damp atmosphere Salt-laden atmosphere Sand-laden and/or dust-laden atmosphere Operation to be performed every 10 Y if use in climatic conditions specified above. Operation to be performed every 14 Y if use in other climatic conditions. Detailed inspection of the flanges.	*AMM 53.70.00.222b*	10 Y // 14 Y	*180 D* *180 D*

53-80 TAIL BOOM

53/80/00/211/000/180 **Tail boom** Detailed inspection.	*AMM 53.80.00.221* *GRT 02*	600 FH	*60 FH*
53/80/00/520/211/100 **Structure to tail boom to fenestron junctions** Tropical and damp atmosphere Salt-laden atmosphere Sand-laden and/or dust-laden atmosphere Operation to be performed every 8 Y if use in climatic conditions specified above. Operation to be performed every 14 Y if use in other climatic conditions. Detailed inspection without removal.	*AMM 53.80.00.211*	8 Y // 14 Y	*180 D* *180 D*
53/80/00/520/222/100 **Structure to tail boom to fenestron junctions** Detailed inspection of the liaisons.	*AMM 53.80.00.222* *53.80.00.222.001*	6000 FH	*300 FH*
53/80/00/520/222/200 **Structure to tail boom to fenestron junctions** External and internal detailed inspection of the tail boom.	*AMM 53.80.00.222* *53.80.00.222.002* *53.80.00.222.003*	7200 FH	*300 FH*

Task Number Description/Remarks	Documentation	Interval	Margin
53/80/00/520/222/300 **Tail boom** Tropical and damp atmosphere Salt-laden atmosphere Sand-laden and/or dust-laden atmosphere Operation to be performed every 8 Y if use in climatic conditions specified above. Operation to be performed every 14 Y if use in other climatic conditions. Detailed inspection.	*AMM 53.80.00.222*	8 Y // 14 Y	*180 D* *180 D*

53-90 FENESTRON

53/90/00/211/000/190 **Fenestron** Detailed inspection.	*AMM 53.90.00.221* *GRT 02*	600 FH	*60 FH*
53/90/00/520/222/100 **Shrouded fenestron** Detailed inspection.	*AMM 53.90.00.222*	8 Y	*180 D*

53-92 VERTICAL FIN FENESTRON

53/92/00/520/221/100 **Carbon tube - TGB mount** Detailed inspection.	*AMM 53.92.00.221*	7200 FH	*300 FH*

53-93 TGB FLARED HOUSING

53/93/00/520/221/100 **TGB flared coupling tube** Detailed inspection of the seating faces.	*AMM 53.93.00.221*	7200 FH // 8 Y	*300 FH* *180 D*

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*

ATA 55-STABILIZER

55-10 HORIZONTAL STABILIZER

55/10/00/221/000/000

Horizontal stabilizer

AMM	*55.10.00.221*		600 FH	*60 FH*
GRT	*02*	//	2 Y	*73 D*

Detailed inspection.

55-30 VERTICAL STABILIZER

55/30/00/221/000/010

Out board fins

AMM	*55.30.00.221*		600 FH	*60 FH*
GRT	*02*	//	2 Y	*73 D*

Detailed inspection.

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*

ATA 56-WINDOWS

56-00 WINDOWS - GENERAL

56/00/00/520/000/100 **Jettisonable windows**	*AMM 56.00.00.721*	2 Y	*73 D*
Jettison check.			

56/00/00/520/211/100 **Sliding doors**	*AMM 56.00.00.211* *56.00.00.211.003*	100 FH	*10 FH*
POST MOD 52C23 Check of window extraction ribbon.			

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*

ATA 60-STD. PRACTS. PROP/ROTOR

60-00 ROTOR

60/00/00/000/000/000

MRH - Engine/MGB coupling - Tail rotor drive shaft - TRH

AMM 05.39.00.221	4 Y	*146 D*

Tropical and damp atmosphere
Salt-laden atmosphere

Check to be done from 8 Y (margin 180 D) after the first date of installation.

60/00/00/000/000/010

MRH - Engine/MGB coupling - Tail rotor drive shaft - TRH

AMM 05.39.00.221	6 Y	*180 D*

Normal climatic conditions

Check to be done from 12 Y (margin 180 D) after the first date of installation.

60/00/00/000/000/015

MGB - TGB

AMM 05.39.00.221	4 Y	*146 D*

Tropical and damp atmosphere
Salt-laden atmosphere

Check to be done from 8 Y (margin 180 D) after the first date of installation or since overhaul.

60/00/00/000/000/055

MGB - TGB

AMM 05.39.00.221	6 Y	*180 D*

Normal climatic conditions

Check to be done from 12 Y (margin 180 D) after the first date of installation or since overhaul.

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*

ATA 62-ROTOR (S)

62-10 MAIN ROTOR BLADES

62/10/00/601/000/050

Main rotor blade

	AMM 62.10.00.221	PO	90 FH	*10 FH*
	62.10.00.221.002	&	180 FH	*20 FH*
		&	360 FH	*40 FH*

365A11-0080-00 (-)

365A11-0080-01 (-)

After the introduction to service of a new, overhauled or repaired component.

Remove the blade but not the tip cap.
Servicing.
Visual inspection.
Check the blade by tapping.

62/10/00/000/000/010

Main rotor blade

	AMM 62.10.00.211		15 FH	*1 FH*
	62.10.00.211.001			

365A11-0080-00 (-)

365A11-0080-01 (-)

Sand-laden and/or dust-laden atmosphere

Visual check for erosion.

62/10/00/211/016/000

Main rotor blade

	AMM 62.10.00.211		100 FH	*10 FH*
	62.10.00.211.002	//	1 Y	*36 D*

365A11-0080-00 (-)

365A11-0080-01 (-)

Visual check without blade removal.

62/10/00/221/000/000

Main rotor blade

	AMM 62.10.00.221		600 FH	*60 FH*
	GRT 01	//	2 Y	*73 D*

365A11-0080-00 (-)

365A11-0080-01 (-)

Remove the blade but not the tip cap.
If faults are found, do a tapping test, at 50, 100, 150 and 300 FH without blade removal.
If no changes are noted, resume the standard inspection cycle.

Task Number Description/Remarks	Documentation	Interval	Margin
62/10/00/221/000/005 **Main rotor blade - Tip cap**	*AMM 62.10.00.221*	2 Y	*73 D*
365A11-0080-00 (-) 365A11-0080-01 (-) Check after removing the blade tip cap. If faults are found, do a tapping test, at 50, 100, 150 and 300 FH without blade removal. If no changes are noted, resume the standard inspection cycle.			
62/10/00/301/000/000 **Main rotor blade**	*AMM 60.00.00.101*	50 FH	*5 FH*
365A11-0080-00 (-) 365A11-0080-01 (-) Tropical and damp atmosphere Salt-laden atmosphere Maintenance.			

62-20 MAIN ROTOR HEAD

62/20/00/605/000/000 **MRH or MRH component**	*AMM 62.20.00.222*	PO	3 FH	*7 FH*
Each time after the component is installed. Readjust the tightening torque loads.				
62/20/00/605/000/005 **MRH**	*AMM 12.20.00.211*	PO	3 FH	*7 FH*
Each time after the component is installed. Check electrical magnetic plug.				
62/20/00/000/000/180 **Rotor blade pin**	*AMM 62.10.00.061* *62.10.00.421.001*	// //	300 FH 1 Y	*30 FH* *36 D*
Greasing.				

Task Number Description/Remarks	Documentation	Interval	*Margin*
62/20/00/211/000/020 **MRH** Inspection.	*AMM 62.20.00.211*	100 FH // 1 Y	*10 FH* *36 D*
62/20/00/211/000/030 **Frequency adapter** Check axial play.	*AMM 62.20.00.211* *62.20.00.211.004*	50 FH	*5 FH*
62/20/00/211/000/040 **MRH** Detailed inspection.	*AMM 62.20.00.224*	1200 FH	*120 FH*
62/20/00/221/000/010 **MRH** Detailed inspection.	*AMM 62.20.00.221* *GRT 01*	600 FH	*60 FH*
62/20/00/223/000/000 **MRH** Detailed inspection.	*AMM 62.20.00.223*	3000 FH	*300 FH*

62-40 INDICATING

62/40/03/211/000/000 **NR magnetic speed sensor** Functional tests.	*AMM 62.40.01.721*	3000 FH	*300 FH*
62/40/03/211/000/010 **Flared housing electrical magnetic plug** Inspection.	*AMM 12.20.00.211*	100 FH // 1 Y	*10 FH* *36 D*
62/40/03/221/000/010 **Flared housing electrical magnetic plug** Functional test.	*AMM 62.40.03.721* *GRT 01*	600 FH	*60 FH*

Task Number Description/Remarks	Documentation	Interval	*Margin*

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	Margin

ATA 63-ROTOR DRIVE (S)

63-10 ENGINE/MGB COUPLING

63/10/02/221/002/000

Flexible coupling attachment bolt on MGB side

AMM 63.10.02.221
63.10.02.221.002 PO 5 FH *10 FH*

Check the torque load after installation of a new flexible coupling.

63/10/00/221/000/005

Engine/MGB coupling - Gimbals pins

AMM 63.10.00.221
63.10.00.221.002 100 FH *10 FH*

Check and lubricate.

63/10/00/221/000/010

Engine-MGB coupling

AMM 63.10.00.221
GRT 03 600 FH *60 FH*

Detailed inspection.

63/10/02/211/000/000

Flexible coupling (engine side)

AMM 63.10.02.211 50 FH *5 FH*

365A32-2872-00 (-)
365A32-6530-00 (-)

Detailed visual check.

63/10/02/221/000/010

Flexible coupling

AMM 63.10.02.221
GRT 03 600 FH *60 FH*

Detailed inspection.

63-20 MAIN GEARBOX

63/20/00/611/000/000

MGB

AMM 63.20.00.611 PO 45 FH *5 FH*

After the introduction to service of a new, overhauled or repaired component.

Drain.

Task Number Description/Remarks	Documentation		Interval	Margin
63/20/00/211/000/000 **MGB** Inspection.	*AMM 63.20.00.211*		100 FH // 1 Y	*10 FH* *36 D*
63/20/00/221/000/010 **MGB** Detailed inspection.	*AMM 63.20.00.221* *GRT 03*		600 FH	*60 FH*
63/20/00/221/000/020 **Attachment bolt MGB / servo-control** 360A32-1163-03 (-) Check with removal of the bolt equipped with fitting above.	*AMM 63.20.00.222*		4 Y	*146 D*
63/20/00/611/000/010 **MGB - Mineral oil** Drain.	*AMM 63.20.00.611*		400 FH // 2 Y	*40 FH* *73 D*

63-21 OIL SYSTEM

63/21/02/221/000/005 **MGB** Each time after the component is installed. Check oil filter.	*AMM 63.21.02.221*	PO	3 FH	*7 FH*
63/21/02/221/000/000 **Oil filter** Inspection.	*AMM 63.21.02.221*		100 FH // 1 Y	*10 FH* *36 D*

63-23 ROTOR BRAKE

63/23/00/000/000/000 **Rotor brake** Check.	*AMM 05.21.00.216*		ALF	*0*

Task Number Description/Remarks	Documentation	Interval	Margin
63/23/00/211/000/000 **Rotor brake** Inspection.	*AMM 63.23.00.211*	100 FH // 1 Y	*10 FH* *36 D*
63/23/00/221/000/000 **Rotor brake** Detailed inspection.	*AMM 63.23.00.221* *GRT 03*	600 FH	*60 FH*
63/23/00/221/000/001 **Rotor brake** Tropical and damp atmosphere Salt-laden atmosphere Detailed inspection.	*AMM 63.23.00.221* *GRT 03*	600 FH // 2 Y	*60 FH* *73 D*

63-24 TAIL ROTOR DRIVE POWER TAKE-OFF

63/24/01/221/001/000 **MGB tail drive-shaft flange** PRE MOD 0763C81 Each time after the component is installed. Check of the SHUR-LOK nut of the tail rotor drive-shaft.	*AMM 63.24.01.221* *63.24.01.221.001*	PO	100 FH	*10 FH*
63/24/01/221/001/005 **MGB tail drive-shaft flange** POST MOD 0763C81 Each time after the component is installed. Check the tail rotor drive-shaft flange play and reapply tightening torque of it's SHUR-LOK nut.	*AMM 63.24.01.221* *63.24.01.221.002*	PO	100 FH	*10 FH*
63/24/01/221/000/000 **MGB tail drive-shaft flange** PRE MOD 0763C81 Check radial play of the flange.	*AMM 63.24.01.221* *63.24.01.221.001*		300 FH	*30 FH*

Task Number Description/Remarks	Documentation	Interval	Margin
63/24/01/221/000/005 **MGB tail drive-shaft flange** POST MOD 0763C81 Check axial and radial play of the flange.	*AMM 63.24.01.221* *63.24.01.281.001* *63.24.01.281.003*	300 FH	*30 FH*
63/24/01/221/000/010 **MGB tail drive-shaft flange** PRE MOD 0763C81 Check of the SHUR-LOK nut of the tail rotor drive-shaft flange.	*AMM 63.24.01.221* *63.24.01.221.001* *GRT 03*	600 FH	*60 FH*

63-30 MOUNTS AND ATTACHMENTS

63/30/00/211/000/010 **Support assembly** Each time after the component is installed. Readjust the tightening torque loads: -MGB suspension bars, -attachment bolts of the fitting transmission deck, -bolts of the laminate pads.	*AMM 63.30.00.222* *63.30.00.222.001* *63.30.00.222.002*	PO 3 FH	*7 FH*
63/30/00/211/000/000 **Support assembly** Inspection.	*AMM 63.30.00.211*	100 FH // 1 Y	*10 FH* *36 D*
63/30/00/221/000/000 **Support assembly** Detailed inspection with removal : - laminated pads, - MGB suspension bars, - attachment bolts.	*AMM 63.30.00.221*	1200 FH	*120 FH*

Task Number Description/Remarks	Documentation	Interval	*Margin*
63-40 INDICATING			
63/40/02/721/000/000 **MGB - Electrical magnetic plug** Functional test.	*AMM 63.40.02.721* *GRT 03*	600 FH	*60 FH*
63/40/03/721/000/000 **Oil temperature warning system** Thermal switch functional test.	*AMM 63.40.03.721*	6 Y	*180 D*

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*

ATA 64-TAIL ROTOR

64-10 ROTOR BLADES

64/10/00/211/001/000

Tail rotor blade

	AMM 64.10.00.211A *64.10.00.211.001* *64.10.00.211.002* *AMM 64.20.00.222* *64.20.00.222.001* *AMM 64.20.00.224*	PO & 	5 FH 25 FH 	*10 FH* *5 FH*

365A12-0060-01 (-)

After the introduction to service of a new, overhauled or repaired component.

Check the blades by tapping.
Check the safetying mark (on the blade horn).
Check the blade clearance.
Readjust the tightening torque load of the blade attachment bolt.
Blade on the helicopter.
TRH fairing removed from the helicopter.

64/10/00/211/001/003

Tail rotor blade

	AMM 64.10.00.211B *64.10.00.211.001* *64.10.00.211.002* *AMM 64.20.00.222* *64.20.00.222.001* *AMM 64.20.00.224*	PO & 	5 FH 25 FH 	*10 FH* *5 FH*

365A12-0070-00 (-)

365A12-0070-01 (-)

After the introduction to service of a new, overhauled or repaired component.

Check the blades by tapping.
Check the safetying mark (on the blade horn).
Check the blade clearance.
Readjust the tightening torque load of the blade attachment bolt.
Blade on the helicopter.
TRH fairing removed from the helicopter.

64/10/00/221/001/010

Tail rotor blade

	AMM 64.10.00.221A *64.10.00.221.001* *64.10.00.221.008*	PO	90 FH	*10 FH*

365A12-0060-01 (-)

After the introduction to service of a new, overhauled or repaired component.

Check the blades by tap testing.
Manually check that the crank pin is not loose.
Blade removed from the helicopter.
TRH fairing removed from the helicopter.

Task Number Description/Remarks	Documentation	Interval	Margin

64/10/00/221/001/015

Tail rotor blade

AMM 64.10.00.221B *64.10.00.221.001* *64.10.00.221.008*	PO	90 FH	*10 FH*

365A12-0070-00 (-)

365A12-0070-01 (-)

After the introduction to service of a new, overhauled or repaired component.

Check the blades by tap testing.
Manually check that the crank pin is not loose.
Blade removed from the helicopter.
TRH fairing removed from the helicopter.

64/10/00/221/003/000

Tail rotor blade

AMM 64.10.00.211A *64.10.00.211.002* *AMM 64.20.00.222* *64.20.00.222.001*	PO	5 FH	*10 FH*

365A12-0060-01 (-)

After installation of a component removed from the same helicopter,
After installation of a component originating from another helicopter.

Check the safetying mark (on the blade horn).
Readjust the tightening torque load of the blade attachment bolt.
Blade on the helicopter.
TRH fairing removed from the helicopter.

64/10/00/221/003/005

Tail rotor blade

AMM 64.10.00.211B *64.10.00.211.002* *AMM 64.20.00.222* *64.20.00.222.001*	PO	5 FH	*10 FH*

365A12-0070-00 (-)

365A12-0070-01 (-)

After installation of a component removed from the same helicopter,
After installation of a component originating from another helicopter.

Check the safetying mark (on the blade horn).
readjust the tightening torque load of the blade attachment bolt.
Blad on the helicopter.
TRH fairing removed from the helicopter.

Task Number Description/Remarks	Documentation	Interval	*Margin*
64/10/00/000/000/010 **Tail rotor blade - Protection against erosion**	*AMM 64.10.00.065*	100 FH	*10 FH*
365A12-0060-01 (-) 365A12-0070-00 (-) 365A12-0070-01 (-) POST OP61B33 Replace polyurethane protective plates.			
64/10/00/211/000/020 **Tail rotor blade**	*AMM 64.10.00.211A* *64.10.00.211.002* *64.10.00.211.004*	100 FH	*10 FH*
365A12-0060-01 (-) Inspection. Check the safetying mark (on the blade horn). Blade on the helicopter. TRH fairing removed from the helicopter.			
64/10/00/211/000/025 **Tail rotor blade**	*AMM 64.10.00.211B* *64.10.00.211.002* *64.10.00.211.004*	100 FH	*10 FH*
365A12-0070-00 (-) 365A12-0070-01 (-) Visual inspection. Check the safetying mark (on the blade horn). Blade on the helicopter. TRH fairing removed from the helicopter.			
64/10/00/211/001/027 **Tail rotor blade**	*AMM 64.10.00.101*	50 FH	*5 FH*
Salt-laden atmosphere Clean blade. TRH fairing on the helicopter. Blade on the helicopter.			

Task Number Description/Remarks	Documentation	Interval	*Margin*
64/10/00/221/001/020 **Tail rotor blade**	*AMM 64.10.00.211A* *64.10.00.211.003*	15 FH	*1 FH*
365A12-0060-01 (-) Sand-laden and/or dust-laden atmosphere Visual check for erosion. Blade on the helicopter. TRH fairing on the helicopter.			
64/10/00/221/001/025 **Tail rotor blade**	*AMM 64.10.00.211B* *64.10.00.211.003*	15 FH	*1 FH*
365A12-0070-00 (-) 365A12-0070-01 (-) Sand-laden and/or dust-laden atmosphere Visual check for erosion. Blade on the helicopter. TRH fairing on the helicopter.			
64/10/00/221/001/030 **Tail rotor blade**	*AMM 64.10.00.221A* *GRT 02*	600 FH	*60 FH*
365A12-0060-01 (-) Inspection. Blade removed from the helicopter. TRH fairing removed from the helicopter.			
64/10/00/221/001/035 **Tail rotor blade**	*AMM 64.10.00.211A* *64.10.00.211.001*	2 Y	*73 D*
365A12-0060-01 (-) Inspection and tapping test. Blade on the helicopter. TRH fairing removed from the helicopter.			
64/10/00/221/001/040 **Tail rotor blade**	*AMM 64.10.00.221B*	1200 FH	*120 FH*
365A12-0070-00 (-) 365A12-0070-01 (-) Visual inspection. Blade removed from the helicopter. TRH fairing removed from the helicopter.			

Task Number Description/Remarks	Documentation	Interval	*Margin*
64/10/00/221/001/045 **Tail rotor blade** 365A12-0070-00 (-) 365A12-0070-01 (-) Inspection and tapping test. Blade on the helicopter. TRH fairing removed from the helicopter.	*AMM 64.10.00.211B* *64.10.00.211.001*	2 Y	*73 D*

64-20 TAIL ROTOR HEAD

64/20/00/222/000/000 **Tail rotor head** Each time after the component is installed. Readjust the tightening torque load on the control shaft.	*AMM 64.20.00.222* *64.20.00.222.003*	PO 5 FH	*10 FH*
64/20/00/211/000/000 **Tail rotor head** Inspection. Check the blade clearance.	*AMM 64.20.00.211* *AMM 64.20.00.224*	100 FH	*10 FH*
64/20/00/225/000/000 **Tail rotor head** Detailed inspection.	*AMM 64.20.00.225* *64.20.00.225.001* *64.20.00.225.002* *64.20.00.225.003* *64.20.00.225.004* *64.20.00.225.005* *64.20.00.225.006* *64.20.00.225.007* *64.20.00.225.009* *64.20.00.225.010* *64.20.00.225.011*	1200 FH	*120 FH*

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	Margin

ATA 65-TAIL ROTOR DRIVE

65-10 TAIL ROTOR DRIVE SHAFT

65/10/00/000/000/015

Bearing

AMM	65.10.00.211 65.10.00.211.003	PO	3 FH	7 FH

Check each time after you grease it.

65/10/00/211/003/000

Tubes and bearings

AMM	65.10.00.211 65.10.00.211.002 65.10.00.211.003		50 FH	5 FH

Check the tubes, bearings and the sleeves.

65/10/00/222/000/000

Tail rotor drive shaft

AMM GRT	65.10.00.222 02		600 FH	60 FH

Detailed inspection.

65/10/00/520/225/100

Bearing mounts of the tail rotor drive system

AMM	65.10.00.225		8 Y	180 D
		//	14 Y	180 D

Tropical and damp atmosphere
Salt-laden atmosphere
Sand-laden and/or dust-laden atmosphere

Operation to be performed every 8 Y if use in climatic conditions specified above.
Operation to be performed every 14 Y if use in other climatic conditions.
Detailed inspection.

65/10/00/640/000/000

Tail rotor drive shaft

AMM	65.10.00.641		600 FH	60 FH
GRT	02	//	6 M	18 D

Lubricate the bearings.

65-20 TAIL GEARBOX

65/20/01/611/000/000

TGB

AMM	65.20.01.611	PO	45 FH	5 FH

After the introduction to service of a new, overhauled or repaired component.
Drain.

Task Number Description/Remarks	Documentation	Interval	Margin

65/20/02/061/000/000

TGB

AMM	*65.20.02.061* *65.20.02.421.001*	PO	3 FH	*7 FH*

Each time after the component is installed.
Check the tightening torque load on the attachment bolts.

65/20/00/211/000/000

TGB

AMM	*65.20.00.211*		100 FH // 1 Y	*10 FH* *36 D*

Inspection.

65/20/00/221/000/000

TGB

AMM	*65.20.00.221* *65.20.00.221.002*		1200 FH // 4 Y	*120 FH* *146 D*

Check for absence of corrosion.

65/20/00/221/000/010

TGB

AMM *GRT*	*65.20.00.221* *65.20.00.221.001* *02*		600 FH	*60 FH*

Detailed inspection.

65/20/01/611/000/010

TGB - Mineral oil

AMM	*65.20.01.611*		400 FH // 2 Y	*40 FH* *73 D*

Drain.

65-40 TAIL GEARBOX - INDICATING

65/40/01/211/000/000

TGB - Electrical magnetic plug

AMM	*12.20.00.211*		100 FH // 1 Y	*10 FH* *36 D*

Inspection.

65/40/01/721/000/000

TGB - Electrical magnetic plug

AMM *GRT*	*65.40.01.721* *02*		600 FH	*60 FH*

Functional test.

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	Margin

ATA 67-ROTORS FLIGHT CONTROL

67-00 ROTOR CONTROLS

67/00/00/221/000/000

Rotor controls

AMM 67.00.00.221 *GRT 06*	2 Y	*73 D*

Tropical and damp atmosphere
Salt-laden atmosphere

Inspection.

67/00/00/520/222/100

Flight control systems

AMM 67.00.00.212	7200 FH	*300 FH*
AMM 67.00.00.222	// 10 Y	*180 D*
	// 14 Y	*180 D*

Tropical and damp atmosphere
Salt-laden atmosphere
Sand-laden and/or dust-laden atmosphere

Operation to be performed every 7200 FH // 10 Y if use in climatic conditions specified above.
Operation to be performed every 7200 FH // 14 Y if use in other climatic conditions.
Inspection.

67-10 MAIN ROTOR CONTROL

67/10/00/221/000/025

Main rotor controls

AMM 67.10.00.223	PO	12 Y	*180 D*

PRE MOD 0767B43

Do a magnetism check on the cyclic sticks and collective levers.

67/10/00/000/000/000

Main rotor controls

AMM 67.10.00.621	100 FH	*10 FH*
	// 1 Y	*36 D*

Tropical and damp atmosphere
Salt-laden atmosphere

Apply protection against corrosion.

67/10/00/221/000/010

Main rotor controls

AMM 67.10.00.221 *GRT 06*	600 FH // 2 Y	*60 FH* *73 D*

Inspection.

Task Number Description/Remarks	Documentation	Interval	Margin
67/10/00/224/000/000 **Ball control** Tropical and damp atmosphere Check.	*AMM 67.10.00.224*	6 M	*18 D*
67/10/00/224/000/003 **Ball control** Salt-laden atmosphere Check.	*AMM 67.10.00.224*	1 Y	*36 D*
67/10/00/224/000/005 **Ball control** Check.	*AMM 67.10.00.224*	2 Y	*73 D*

67-12 COLLECTIVE PITCH CONTROL

67/12/01/822/000/000 **Collective lever** Locking system check.	*AMM 67.12.01.822* *GRT 06*	600 FH	*60 FH*

67-20 TAIL ROTOR CONTROLS

67/20/00/000/000/000 **Tail rotor controls** Tropical and damp atmosphere Salt-laden atmosphere Apply protection against corrosion.	*AMM 67.20.00.621*	100 FH // 1 Y	*10 FH* *36 D*
67/20/00/221/000/000 **Tail rotor controls** Inspection.	*AMM 67.20.00.221* *GRT 06*	600 FH // 2 Y	*60 FH* *73 D*

Task Number Description/Remarks	Documentation		Interval	Margin
67/20/00/222/000/000 **Ball control** Tropical and damp atmosphere Check.	*AMM 67.20.00.222*		6 M	*18 D*
67/20/00/222/000/003 **Ball control** Salt-laden atmosphere Check.	*AMM 67.20.00.222*		1 Y	*36 D*
67/20/00/222/000/005 **Ball control** Check.	*AMM 67.20.00.222*		2 Y	*73 D*
67-30 SERVO-CONTROLS				
67/30/01/221/000/010 **Main rotor servo-control** Each time after the component is installed. Readjust the tightening torque loads of the bolts.	*AMM 67.30.01.061* *MTC 20.02.05.404*	PO	3 FH	*7 FH*
67/30/00/000/000/006 **Tail rotor servo-control - Input lever** Check.	*AMM 67.30.02.222* *GRT 06*		600 FH	*60 FH*
67/30/00/221/000/000 **Servo-controls** Inspection.	*AMM 67.30.00.221*		1200 FH	*120 FH*
67/30/01/221/000/000 **Main rotor servo-control** Check the tightening torque loads of the bolts.	*AMM 67.30.01.061* *GRT 06* *MTC 20.02.05.404*	// //	600 FH 2 Y	*60 FH* *73 D*

Task Number Description/Remarks	Documentation	Interval	*Margin*
67/30/01/721/000/000 **Hydraulic power assistance**	*AMM 67.30.01.721* *GRT 06*	600 FH	*60 FH*
Test of the hydraulic power assistance given by the forward right servo control without hydraulic power.			
67/30/02/000/000/000 **Servo-control - Test**	*AMM 67.30.00.711*	15 FH // 7 D	*1 FH* *0*
POST MOD 0739C30 & PRE MOD 0739C37 Cold weather Tests of servo-controls and of tail servo-control isolation.			

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*

ATA 71-POWER PLANT

71-00 POWER PLANT

71/00/00/520/000/100

Power plant installation

AMM 71.00.00.211	600 FH		*60 FH*
GRT 04	// 2 Y		*73 D*

Detailed inspection.

71-20 ENGINE MOUNT

71/20/00/520/221/100

Engine mounts

AMM 71.20.00.221	6000 FH	*300 FH*

Detailed inspection.

71-30 FIRE WALL

71/30/00/520/221/100

Fire walls

AMM 71.30.00.221	7200 FH	*300 FH*

Detailed inspection.

71-60 AIR INTAKES

71/60/20/221/000/000

Engine flushing system

AMM 71.60.20.221	600 FH	*60 FH*
GRT 04		

Detailed inspection.

71-61 SAND FILTER

71/61/01/221/000/000

Sand filter

AMM 71.61.01.221	600 FH	*60 FH*
GRT 04		

Inspection.

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*

ATA 73-ENG. FUEL & CONTROL

73-20 CONTROLLING

73/20/00/761/000/000 **FADEC unit**				
	AMM *GRT*	*73.20.00.761* *04*	600 FH	*60 FH*
Test the overspeed protection system.				
73/20/00/761/000/005 **FADEC unit**				
	AMM 	*73.20.00.762* *73.20.00.762.002*	100 FH // 1 Y	*10 FH* *36 D*
Check that "FADEC FAIL" message is displayed.				

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*

ATA 77-ENGINE INDICATING

77-00 ENGINE INDICATING

77/00/00/520/000/100

Emergency control operation "EBCAU"

FLM Section 8.3 § 1.3 *GRT 04*	600 FH	*60 FH*

Check.

77-30 ENGINE MONITORING - ANALYSER

77/30/00/721/000/000

Fuzz burner

AMM 77.30.00.721	600 FH	*60 FH*
GRT 03	// 2 Y	*73 D*

Functional test.

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	Margin

ATA 79-ENGINE OIL

79-00 OIL

79/00/00/211/000/005

Engine

AMM 79.00.00.211 PO 3 FH *7 FH*
79.00.00.211.002

Each time after the component is installed.

Check the magnetic plug.

79/00/00/211/000/000

Engine / MGB oil cooling system

100 FH *10 FH*

PRE MOD 0779B33

Visual check.
For the left engine return line: Refer to criteria given in the "Replacement Criteria" column of the AMM Task 79.00.00.991.
Criterion 1: Replace the line at the next type T inspection.
Criterion 2: Replace the line within the next 100 FH.

79/00/00/211/000/003

Engine / MGB oil cooling system

100 FH *10 FH*

PRE MOD 0750B32 // PRE MOD 0771C26

Visual check.
For the right engine return line: Refer to criteria given in the "Replacement Criteria" column of the AMM Task 79-00-00-991.
Criterion 1: Replace the line at the next type T inspection.
Criterion 2: Replace the line within the next 100 FH.

79/00/00/211/000/010

External oil system

AMM 79.00.00.211A 6 Y *180 D*

POST MOD 0779B26

Inspection.

79/00/00/211/000/015

External oil system

AMM 79.00.00.211A 100 FH *10 FH*
// 1 Y *36 D*

PRE MOD 0779B26

Inspection.

Task Number Description/Remarks	Documentation	Interval	*Margin*

79-20 DISTRIBUTION

79/20/00/721/000/000

Electrical type magnetic plug of the engine oil tank

AMM 79.20.00.721 *GRT 04*	600 FH	*60 FH*

POST MOD 0779B26

Functional test.

79-30 INDICATING

79/30/00/721/000/000

Engine oil thermostatic switch

AMM 79.30.00.721	6000 FH // 6 Y	*300 FH* *180 D*

Functional check.

79/30/00/722/000/000

Engine oil temperature probe

AMM 79.30.00.722	6 Y	*180 D*

Inspection and test after removal.

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*

ATA 80-ENGINE STARTING

80-10 CRANKING

80/10/00/211/000/000 **Starter generator** 524-031 System inspection.	(704A46101011)	*AMM 80.10.00.211* *80.10.00.211.001* *GRT 04*	600 FH	*50 FH*
80/10/00/221/000/000 **Starter generator** 524-031 Check the brushes with removal of the starter generator.	(704A46101011)	*AMM 80.10.00.211* *80.10.00.211.002* *GRT 04*	600 FH	*50 FH*
80/10/01/221/002/000 **Starter generator** 524-031 Check the radial play of bearings.	(704A46101011)	*AMM 80.10.01.212* *GRT 04*	600 FH	*50 FH*

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*

ATA 88-HARNESS

88-00 WIRING HARNESSES

88/00/00/211/000/000

Connection and wiring

AMM *88.00.00.211*	600 FH		*60 FH*
GRT *04*	// 2 Y		*73 D*

Inspection.

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*

ATA 93-MONITORING SYSTEM

93-51 FLIR

93/51/01/221/000/000 **FLIR installation** WESCAM. Detailed inspection.	*AMM 93.51.01.221* *GRT 05*	600 FH	*60 FH*
93/51/02/211/000/000 **FLIR installation** U7000. Inspection.	*AMM 93.51.02.211*	100 FH // 1 Y	*10 FH* *36 D*
93/51/02/721/000/000 **FLIR installation** U7000. Functional tests.	*AMM 93.51.02.721* *93.51.02.721.001*	100 FH // 1 Y	*10 FH* *36 D*

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*

ATA 53-FUSELAGE

53-54 ENGINE COWLING

53/54/00/211/000/010

Aft removable cowling - Heat shields equipped or MI15 protection

AMM 53.54.00.211

Check to be carried out after the last flight of the day until the replacement criteria are reached.

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*

ATA 62-ROTOR (S)

62-20 MAIN ROTOR HEAD

62/20/00/000/000/080

Lower attach beam - Adapter plastic buches

AMM 62.24.05.991
62.24.05.991.002

Check to be carried out every 15 FH until the replacement criteria are reached.

62/20/00/000/000/102

Upper attach beam - Adapter plastic buches

AMM 62.24.05.991
62.24.05.991.001

Check to be carried out every 15 FH until the replacement criteria are reached.

62/20/00/000/000/197

Blade horn - Stop ring

AMM 62.24.03.991
62.24.03.991.002

Check to be carried out every 15 FH until the replacement criteria are reached.

62/20/00/000/000/325

Pitch change rod - Swivel bearing

AMM 62.26.01.991
62.26.01.991.002

Clearance to be checked every 15 FH until the replacement criteria are reached.

62-40 INDICATING

62/40/03/211/000/015

Rotor mast - Electrical magnetic plug

AMM 12.20.00.211

Check to be performed after each flight for 25 FH.
- After 25 FH if the criteria remain within tolerances, resume the normal checking cycle.
- If the criteria are outside the tolerance limits, carry out the procedure given in AMM Task 05.50.02.211.

62/40/03/211/000/017

Rotor mast - Electrical magnetic plug

AMM 12.20.00.211
AMM 63.21.02.221

After discovering particles on the rotor mast or MGB electrical magnetic plug, check filter every 5 FH for 25 FH.
- After 25 FH, if the criteria remain within the tolerance, resume the normal checking cycle.
- If the criteria are outside the tolerance limits, carry out the procedure given in AMM Task 05.50.02.211.

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*

ATA 63-ROTOR DRIVE (S)

63-30 MOUNTS AND ATTACHMENTS

63/30/00/221/003/015

MGB suspension bars - Bars: swivel bearings.

AMM 63.30.00.991
63.30.00.991.002

Clearance to be checked every 100 FH or 1 Y until the replacement criteria are reached.

63-40 INDICATING

63/40/02/211/000/005

MGB - Electrical magnetic plug

AMM 12.20.00.211

Check to be performed after each flight for 25 FH.
- After 25 FH if the criteria remain within tolerances, resume the normal checking cycle.
- If the criteria are outside the tolerance limits, carry out the procedure given in AMM Task 05.50.01.211.

63/40/02/211/000/010

MGB - Electrical magnetic plug

AMM 12.20.00.211
AMM 63.21.02.221

After discovering particles on the rotor mast or MGB electrical magnetic plug, check filter every 5 FH for 25 FH.
- After 25 FH, if the criteria remain within the tolerance, resume the normal checking cycle.
- If the criteria are outside the tolerance limits, carry out the procedure given in AMM Task 05.50.01.211.

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*

ATA 64-TAIL ROTOR

64-10 ROTOR BLADES

64/10/00/221/001/032

Tail rotor blade

AMM 64.10.00.221A
64.10.00.221.003
64.10.00.221.004

365A12-0060-01 (-)

Inspection.
With blade removal.
With TRH fairing removal.
Note 1: If there is separation of blade shielding in zone A2 and A5: inspection every 100 FH or 1 Y, as long as the replacement criteria are not met (without blade removal).
Note 2: If there is separation of blade shielding in zone C and E: inspection every 50 FH, 100 FH, 150 FH and 300 FH (without blade removal). If no change is noticed, resume the regular inspection cycle.

64/10/00/221/001/042

Tail rotor blade

AMM 64.10.00.221B
64.10.00.221.003
64.10.00.221.004

365A12-0070-00 (-)
365A12-0070-01 (-)

Visual inspection.
With blade removal.
With TRH fairing removal.
Note 1: If there is separation of blade shielding in zone A2 and A5: inspection every 100 FH or 1 Y, as long as the replacement criteria are not met (without blade removal).
Note 2: If there is separation of blade shielding in zone C and E: inspection every 50 FH, 100 FH, 150 FH and 300 FH (without blade removal). If no change is noticed, resume the regular inspection cycle.

End of the Document Unit

Task Number Description/Remarks	Documentation	Interval	*Margin*

ATA 65-TAIL ROTOR DRIVE

65-40 TAIL GEARBOX - INDICATING

65/40/01/211/000/005

TGB - Electrical magnetic plug

AMM 12.20.00.211

Check to be performed after each flight for 25 FH.
- After 25 FH, if the criteria remain within tolerances, resume the normal checking cycle.
- If the criteria are outside the tolerance limits, carry out the procedure given in AMM Task 05.50.01.211.

End of the Document Unit