

UPDATE ON AIR VEHICLE MAINTENANCE PLANNING INFORMATION (AMPI)

CHAPTER 4: AIRWORTHINESS LIMITATION

RETIREMENT LIVES – AFFECTED PARTS

REF	PART	PART NUMBER	RETIREMENT LIFE	APPLICABILITY
RL053A	MAIN ROTOR DAMPER BODY END ASSEMBLY	M006-01H065-045	3000	NOT APPLICABLE TO 9M-PMA, 9M-PMB, 9M-PMC, 9M-PMD, 9M-PME, 9M-PMF, 9M-YPG, 9M-YTL, 9M-BOC & 9M-BOD.

TABLE 2: RETIREMENT LIVES – LIST OF AFFECTED PARTS

MANDATORY INSPECTION – GENERAL

REF	PART	TASK	INTERVAL	REFERENCE (DMC)	APPLICABILITY
MI64-02	TAIL ROTOR ELASTOMERIC SPHERICAL BEARING (PART NUMBER 3G6420V00153 AND 3G6420V00154)	DETAILED INSPECTION FOR CRACKS IN THE ELASTOMER	100	39-A-64-11-00-00A-31AB-A	NOT APPLICABLE TO 9M-PMA, 9M-PMB, 9M-PMC, 9M-PMD, 9M-PME, 9M-PMF, 9M-YPG, 9M-YTL, 9M-BOC & 9M-BOD.
MI64-03	DELETED				

TABLE 2: MANDATORY INSPECTION – LIST OF AFFECTED PARTS

CERTIFICATION MAINTENANCE REQUIREMENT

REF	PART	TASK	INTERVAL	REFERENCE (DMC)	APPLICABILITY
CM25-30	RESCUE HOIST (NOTE 4)	HOIST LIFT LIMIT	36 MONTHS OR 2600 HOIST LIFTS (NOTE 3) (NOTE 5) (NOTE 6) (NOTE 7)	N/A	APPLICABLE TO 9M-PMA, 9M-PMB, 9M-PMC, 9M-PMD, 9M-PME, 9M-PMF, 9M-BOC & 9M-BOD. NOT APPLICABLE TO 9M-YPG & 9M-YTL
CM25-31	RESCUE HOIST	FUNCTIONAL CHECK OF THE OVERLOAD CLUTCH (LOAD CHECK)	400 HOIST LIFTS OR 6 MONTHS (NOTE 3) (NOTE 7)	39-A-25-94-00-00A-340A-K	APPLICABLE TO 9M-PMA, 9M-PMB, 9M-PMC, 9M-PMD, 9M-PME, 9M-PMF, 9M-YPG, 9M-YTL, 9M-BOC & 9M-BOD. NOT APPLICABLE TO 9M-YPG & 9M-YTL

CHAPTER 5: SCHEDULED/UNSCHEDULED MAINTENANCE

SCHEDULE / UNSCHEDULED MAINTENANCE

1.3 AIRWORTHINESS CHECKS

In case the Airworthiness Checks need to be accomplished, the following will apply:

- The Airworthiness Checks are an inspection that has to be performed by qualified maintenance personnel.
- The Airworthiness Checks expire after 72 hours from the end of the inspection if the helicopter has not flown.
- The Airworthiness Checks do not replace the Rotorcraft Flight Manual requirements list, which must be performed by a pilot.

The next paragraphs report the summary of requirements necessary to accomplish an Airworthiness Check, only in the cases in which it is required by the Authorities.

1.3.1 ROTOR FLIGHT MANUAL

1.3.1.1 Section 2 - Normal procedures

Any task identified in the "External pre-flight checks" and "Cockpit/Engine pre-start checks" has to be included, with a daily periodicity.

1.3.1.2 Section 5 - Optional equipment supplements

Section 2 inside each Optional Equipment Supplement, with regard to "External pre-flight checks" and "Cockpit/Engine Pre-start checks" must be included, if the relevant optional equipment is installed. These tasks must be included with a daily periodicity.

PERMITTED INSPECTION / CHECK INTERVAL TOLERANCES

TOLERANCE RULES

Unless specified differently, the tolerances for the scheduled inspections/checks are as follows:

- Landing interval – ten (10%) or 100 landings maximum whichever is less.

When an inspection/check is postponed with respect to the prescribed schedule, always within the maximum allowable tolerance, subsequent intervals will be computed as per the original schedule and related tolerance. Examples:

- Task limit: 2000 landings. Maximum tolerance: 100 landings. If the inspection is conducted at 2100 landings, the subsequent one must be performed as per original schedule at 2000 landings (+ 100 landings).

OVERHAUL INTERVAL - GENERAL

REF	COMPONENT	PART NUMBER	OVERHUAL INTERVAL	APPLICABILITY
CO62-03	MAIN ROTOR DAMPER	3G6220V02051	3000	NOT APPLICABLE TO 9M-PMA, 9M-PMB, 9M-PMC, 9M-PMD, 9M-PME, 9M-PMF, 9M-YPG, 9M-YTL, 9M-BOC & 9M-BOD DUE TO COMPONENT P/N NOT FITTED ON AIRCRAFT
CO71-02	DELETED			

TABLE 2: LIST OF COMPONENTS

DISCARD TIME SCHEDULE

REF	COMPONENT	PART NUMBER	OVERHUAL INTERVAL	APPLICABILITY
DT31-06	QAR BATTERY	D51640-0001 (NOTE 17)	10 YEARS	NOT APPLICABLE TO 9M-PMA, 9M-PMB, 9M-PMC, 9M-PMD, 9M-PME, 9M-PMF, 9M-YPG, 9M-YTL, 9M-BOC & 9M-BOD DUE TO COMPONENT P/N NOT FITTED ON AIRCRAFT
DT71-04	SHUT OFF VALVE (2 OFF)	3G7160V01451	10000FH	NOT APPLICABLE TO 9M-PMA, 9M-PMB, 9M-PMC, 9M-PMD, 9M-PME, 9M-PMF, 9M-YPG, 9M-YTL, 9M-BOC & 9M-BOD DUE TO COMPONENT P/N NOT FITTED ON AIRCRAFT

TABLE 2: LIST OF COMPONENTS

NOTE:

17. At the specified limit the component must be replaced, and the removed item shall be sent to the Vendor Supplier or authorized Service Station for refurbishment.

MAINTENANCE TASK - GENERAL

NO	ITEM	TASK	CONDITION/LIMIT STANDARD	CONDITION/LIMIT PHASED	CONDITION/LIMIT PROGRESSIVE	REFERENCE	APPLICABILITY
01-02	MAIN AND AUXILIARY BATTERIES	DO A GVI FOR CONDITION AND SECURITY OF CONNECTIONS. VENT LINES FOR CONDITION. QUICK RELEASE CONNECTORS FOR CONDITION AND ARCHING. TEMPERATURE SENSOR CONNECTORS FOR CONDITION AND SECURITY. INCLUDES A CHECK OF BATTERIES TO DETECT CORROSION OR MECHANICAL DAMAGE OF BUNDLES AND CONDITION, SAFETY AND SECURITY OF CONNECTORS	1 YEAR	1 YEAR	1 YEAR	N/A	APPLICABLE TO 9M-PMA, 9M-PMB, 9M-PMC, 9M-PMD, 9M-PME, 9M-PMF, 9M-YPG, 9M-YTL,9M-BOC & 9M-BOD.
01-03	AIR DATA MODULES (ADM)	DO A GVI TO DETECT CORROSION OR MECHANICAL DAMAGE OF BUNDLES AND CONDITION, SAFETY AND SECURITY OF CONNECTORS	1 YEAR	1 YEAR	1 YEAR	N/A	APPLICABLE TO 9M-PMA, 9M-PMB, 9M-PMC, 9M-PMD, 9M-PME, 9M-PMF, 9M-YPG, 9M-YTL,9M-BOC & 9M-BOD
01-04	MODULAR RADIO CABINETS (MRC)	DO A GVI TO DETECT CORROSION OR MECHANICAL DAMAGE OF BUNDLES AND CONDITION, SAFETY AND SECURITY OF CONNECTORS (TASK APPLIES TO ALL CONNECTORS OF BOTH THE MRCS)	1 YEAR	1 YEAR	1 YEAR	N/A	APPLICABLE TO 9M-PMA, 9M-PMB, 9M-PMC, 9M-PMD, 9M-PME, 9M-PMF, 9M-YPG, 9M-YTL,9M-BOC & 9M-BOD
01-05	K1 AND K2 REPLAYS (300 A)	DO A GVI TO DETECT CORROSION OR MECHANICAL DAMAGE OF BUNDLES AND CONDITION, SAFETY AND SECURITY OF CONNECTORS	1 YEAR	1 YEAR	1 YEAR	N/A	APPLICABLE TO 9M-PMA, 9M-PMB, 9M-PMC, 9M-PMD, 9M-PME, 9M-PMF, 9M-YPG, 9M-YTL,9M-BOC & 9M-BOD

TABLE 2: LIST OF REQUIREMENTS FOR GENERAL VISUAL CHECKS

NO	ITEM	TASK	CONDITION/LIMIT STANDARD	CONDITION/LIMIT PHASED	CONDITION/LIMIT PROGRESSIVE	REFERENCE	
32-01	MLG SHOCK ABSORBER (LIEBHERR LANDING GEAR INSTALLATION)	DO A FC FOR QUANTITATIVE CHECK OF SHOCK ABSORBER PRESSURE	600/1 YEAR [3]	600/1 YEAR [3]	Pr 200	39-A-32-10-00-00A-028A-A	APPLICABLE TO 9M-PMA, 9M-PMB, 9M-PMC, 9M-PMD, 9M-PME, 9M-PMF, 9M-YPG, 9M-YTL, 9M-BOC & 9M-BOD
32-05	NLG SHOCK ABSORBER (LIEBHERR LANDING GEAR INSTALLATION)	DO A FC FOR QUANTITATIVE CHECK OF SHOCK ABSORBER PRESSURE	600/1 YEAR [3]	600/1 YEAR [3]	Pr 200	39-A-32-20-00-00A-028A-A	APPLICABLE TO 9M-PMA, 9M-PMB, 9M-PMC, 9M-PMD, 9M-PME, 9M-PMF, 9M-YPG, 9M-YTL, 9M-BOC & 9M-BOD
52-04	CABIN PASSENGER DOORS LOCKING SYSTEM	DO A FC	1200	1200	1200	39-A-52-12-01-01A-340A-A	APPLICABLE TO 9M-PMA, 9M-PMB, 9M-PMC, 9M-PMD, 9M-PME, 9M-PMF, 9M-YPG, 9M-YTL, 9M-BOC & 9M-BOD

64-50A	MAIN ROTOR DAMPER	DO A DI FOR ALIGNMENT OF SLIPPAGE MARK BETWEEN THE DAMPER BODY AND THE DAMPER BODY END LOCKING RING	100 [66]	BWKL/50 [16][66]	BWKL/50 [16][66]	39-A-62-22-02-02A-31AA-AA	APPLICABLE TO 9M-PMA, 9M-PMB, 9M-PMC, 9M-PMD, 9M-PME, 9M-PMF, 9M-YPG, 9M-YTL, 9M-BOC & 9M-BOD
64-38	TAIL ROTOR INSTALLATION	DO A GVI OF TAIL ROTOR INSTALLATION COMPONENTS	50	50	50	39-A-64-21-00-00A-310A-A	APPLICABLE TO 9M-PMA, 9M-PMB, 9M-PMC, 9M-PMD, 9M-PME, 9M-PMF, 9M-YPG, 9M-YTL, 9M-BOC & 9M-BOD
91-13	AVIONICS CONNECTORS IN THE NOSE RADOME	DO A GVI TO DETECT CORROSION OR MECHANICAL DAMAGE OF BUNDLES AND CONNECTORS OF MAU 1, MAU 2, AND AHRS, FOR CONDITION, SAFETY AND SECURITY.	1 YEAR	1 YEAR	1 YEAR	39-A-91-10-00-00E-310A-A	APPLICABLE TO 9M-PMA, 9M-PMB, 9M-PMC, 9M-PMD, 9M-PME, 9M-PMF, 9M-YPG, 9M-YTL, 9M-BOC & 9M-BOD

TABLE 3: LIST OF REQUIREMENTS FOR SCHEDULED / UNSCHEDULED MAINTENANCE CHECKS

Note:

58. Task applicable only to main rotor damper P/N 3G6220V01353 and P/N 3G6220V02051.

66. Task applicable only to main rotor damper P/N 3G6220V02051.

NO	ITEM	TASK	CONDITION/LIMIT STANDARD	CONDITION/LIMIT PHASED	CONDITION/LIMIT PROGRESSIVE	REFERENCE	APPLICABILITY
25-24A	DELETED						
25-25	DIODES D3 AND D11 (HOIST CONTROL PANEL) (NOTE 2)	DO AN OC TO DETECT DORMANT OPEN CIRCUIT FAILURES (FAULT FINDING TASK)	50	BWKL/50	BWKL/50	39-A-25-94-02-00A-320A-K	NOT APPLICABLE TO 9M-PMA, 9M-PMB, 9M-PMC, 9M-PMD, 9M-PME, 9M-PMF, 9M-YPG, 9M-YTL,9M-BOC & 9M-BOD.
25-25A	DIODES D3 AND D11 (HOIST CONTROL PANEL) (NOTE 3)	DO AN OC TO DETECT DORMANT OPEN CIRCUIT FAILURES (FAULT FINDING TASK)	400	400	400	39-A-25-94-02-00A-320A-K	NOT APPLICABLE TO 9M-PMA, 9M-PMB, 9M-PMC, 9M-PMD, 9M-PME, 9M-PMF, 9M-YPG, 9M-YTL,9M-BOC & 9M-BOD.
25-44	RESCUE HOIST SYSTEM CABLE CUT SWITCH GUARD AND PUSH-BUT-TON CONTACTS (NOTE 3)	DO AN OC TO DETECT DORMANT OPEN CIRCUIT FAILURES (FAULT FINDING TASK)	500	500	500	39-A-25-94-00-00A-320B-K	NOT APPLICABLE TO 9M-PMA, 9M-PMB, 9M-PMC, 9M-PMD, 9M-PME, 9M-PMF, 9M-YPG, 9M-YTL,9M-BOC & 9M-BOD.
25-44	RESCUE HOIST SYSTEM CABLE CUT SWITCH GUARD AND PUSH-BUT-TON CONTACTS (NOTE 3)	DO AN OC TO DETECT DORMANT OPEN CIRCUIT FAILURES (FAULT FINDING TASK)	1600	1600	1600	39-A-25-94-00-00A-320B-K	NOT APPLICABLE TO 9M-PMA, 9M-PMB, 9M-PMC, 9M-PMD, 9M-PME, 9M-PMF, 9M-YPG, 9M-YTL,9M-BOC & 9M-BOD.

TABLE 5: LIST OF REQUIREMENTS – DOUBLE RESCUE HOIST SYSTEM (GOODRICH)

NO	ITEM	TASK	CONDITION/ LIMIT STANDARD	CONDITION/ LIMIT PHASED	CONDITION/ LIMIT PROGRESSIV E	REFERENCE	
25-31	DELETED						
25-32	DIODE D3 (HOIST CONTROL PANEL) (NOTE 2)	DO AN OC TO DETECT DORMANT OPEN CIRCUIT FAILURES (FAULT FINDING TASK)	50	BWKL/50	BWKL/50	39-A-25-96-03-00A-320A-K	APPLICABLE TO 9M-PMA, 9M-PMB, 9M-PMC, 9M-PMD, 9M-PME, 9M-PMF, 9M-YPG, 9M-YTL, 9M-BOC & 9M-BOD. NOT APPLICABLE TO 9M-YPG & 9M-YTL
25-32A	DIODE D3 (HOIST CONTROL PANEL) (NOTE 3)	DO AN OC TO DETECT DORMANT OPEN CIRCUIT FAILURES (FAULT FINDING TASK)	400	400	400	39-A-25-96-03-00A-320A-K	APPLICABLE TO 9M-PMA, 9M-PMB, 9M-PMC, 9M-PMD, 9M-PME, 9M-PMF, 9M-YPG, 9M-YTL, 9M-BOC & 9M-BOD. NOT APPLICABLE TO 9M-YPG & 9M-YTL
25-45	RESCUE HOIST SYSTEM CABLE CUT SWITCH GUARD AND PUSH-BUT-TON CONTACTS (NOTE 3)	DO AN OC TO DETECT DORMANT OPEN CIRCUIT FAILURES (FAULT FINDING TASK)	500	500	500	39-A-25-94-00-00A-320B-K	APPLICABLE TO 9M-PMA, 9M-PMB, 9M-PMC, 9M-PMD, 9M-PME, 9M-PMF, 9M-YPG, 9M-YTL, 9M-BOC & 9M-BOD. NOT APPLICABLE TO 9M-YPG & 9M-YTL
25-45A	RESCUE HOIST SYSTEM CABLE CUT SWITCH GUARD AND PUSH-BUTTON CONTACTS (NOTE 3)	DO AN OC TO DETECT DORMANT OPEN CIRCUIT FAILURES (FAULT FINDING TASK)	1600	1600	1600	39-A-25-94-00-00A-320B-K	APPLICABLE TO 9M-PMA, 9M-PMB, 9M-PMC, 9M-PMD, 9M-PME, 9M-PMF, 9M-YPG, 9M-YTL, 9M-BOC & 9M-BOD. NOT APPLICABLE TO 9M-YPG & 9M-YTL

TABLE 5: LIST OF REQUIREMENTS – SINGLE RESCUE HOIST SYSTEM (GOODRICH)

NO	EVENT	REFERENCE (DMC)	INITIALS
1-23	DUST DEVIL ATMOSPHERIC EVENT	39-A-00-70-00-23A-28AA-A	-

TABLE 2: CONDITIONAL INSPECTIONS REQUIREMENTS