
AW139

Air vehicle maintenance planning information

Chapter 04

Airworthiness limitations - EASA approved

Issue 013: 2021-01-04

IETP AW139, 38TH ISSUE: 2020-12-07 UPDATED 2021-01-26

Highlights

The listed changes are introduced in issue 013, dated 2021-01-04, of this chapter.

Document identifier	Reason for change
39-A-04-00-00-00A-028E-P	Changed - Added approval of Thirteenth issue
39-A-04-10-00-00A-028E-P	Changed - Added RL53A
39-A-04-20-00-00A-028E-P	Changed - Added P/N to MI64-02 and deleted MI64-03

Table 2 Record of Airworthiness Authority approvals

Revision number	Subject	EASA approved
Tenth issue	--	Approval No. 10066103 dated 05 July 2018 Approval No. 10066105 dated 05 July 2018
Eleventh issue	--	Approval No. 10068172 dated 20 December 2018
Twelfth issue	--	Approval No. 10070623 REV. 1 dated 01 August 2019 Approval No. 10070624 dated 29 July 2019
Thirteenth issue	--	Approval No. 10075314 dated 23 December 2020 Approval No. 10075309 REV. 1 dated 04 January 2021

End of Data Module

Table 2 Retirement lives - List of affected parts

Ref	Part	Part number	Retirement life
RL047	External (Rescue) Hoist Cable Assembly	BL-6260	1500 external hoist lifts or 4 years, whichever occurs first (Para 4 - External Hoist Operation) (Note 14)
	External (Rescue) Hoist Cable Assembly	BL-9149-8	1500 external hoist lifts or 4 years, whichever occurs first (Para 4 - External Hoist Operation) (Note 14)
	External (Rescue) Hoist Cable Assembly	42325-298	1500 external hoist lifts or 4 years, whichever occurs first (Para 4 - External Hoist Operation) (Note 14)
RL048	Antitorque Beam Bolts	3G6330V00451 3G6330L00351	56000
RL049	Deleted		
RL050	Deleted		
RL051	Deleted		
RL052	Tail Rotor Servoactuator	3G6730V00731	44000 (Note 6) (Para 5 - External Load Operation)
RL053	Main rotor damper body end assembly	M006-01H046-041	2400 (Note 13)
RL053A	Main rotor damper body end assembly	M006-01H065-045 NOT APPLICABLE DU EUSED PN -041 RL053	3000
RL054	Long line (HEC)	6F2592V01151	1500 external load cycles or 4 years, whichever occurs first (Note 15) (Para 5 - External Load Operation)
RL055	MGB bearing lock-nut	3G6320A09152	6000 FH or 28000 landings whichever comes first

Notes

- 1 The specified limit is intended since first opening of the sealed bag.
- 2 Record the effective accumulated life of the Tail Rotor Blade Bolt P/N 3G6420A00252 on applicable Log Card at receiving date of Chapter 4 Issue 3. Otherwise, if the effective accumulated life is unknown record a forfait accumulated life of 9000 FH. This is applicable to all bolts including those in stock.
- 3 Deleted.
- 4 If the number of landings is not known throughout the entire service life of the Main Rotor Blade Assembly P/N 3G6210A00131, the number of landings shall be calculated multiplying the blade flight hours by a factor of 4.
- 5 If the number of landings is not known throughout the entire service life of the Main Rotor Blade Assembly P/N 4G6210A00132, refer to the note reported at Para 1 of AMPI CHAPTER 04 AIRWORTHINESS LIMITATIONS - Retirement lives- General 39-A-04-10-00-00A-028E-P.

Table 4 Certification maintenance requirements - Double rescue hoist system (Goodrich)

Ref	System	Task	Interval	Reference (DMC)	Initials
CM25-16	Rescue Hoist	OC of the rescue hoist assembly deceleration switches S7 and S8 and caution limit switches S5 and S6 for dormant closed circuit failure of either one of the switches in series	5000 or rescue hoist assembly overhaul (Note 3)	39-A-25-94-00-00A-320C-K	
CM25-17	Rescue Hoist	OC of the rescue hoist assembly full-out limit switches S3 and S4 and full-stop limit switches S1 and S2 for dormant closed circuit failure of either one of the switches in series	5000 or rescue hoist assembly overhaul (Note 3)	39-A-25-94-00-00A-320C-K	
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	
NOT APPLICABLE. USED SINGLE HOIST SYSTEM SHRS T5 AS PER AMP					
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	

Notes

- 1 No tolerance above published intervals is allowed on Certification Maintenance Requirements.
- 2 Task transferred to AMPI Chapter 05 - Out of phase maintenance checks - General (39-A-05-51-00-00A-028E-P).
- 3 Use the limit that occurs first.
- 4 This task is applicable to hoist core PN 3G2591V01531 and PN 3G2591V01532 with serial number having "4" as first digit.
- 5 4 months of margin to be added to the limit value. For this task only, the time interval may be extended by up to 4 months, but not beyond 40 months total interval. No tolerance may be applied to the hoist lift limit.
- 6 At the specified limit, the component must be replaced and the removed item must be sent to the Vendor supplier for the clutch scheduled replacement activity.