



# WORKSHEET

LEONARDO MALAYSIA SDN. BHD.

SERVICE ORDER : 9 0 0 2 5 5 6 6 WORKSHEET NUMBER : 2022/31763/007-28

AIRCRAFT REGISTRATION : 9M-BGH		AIRCRAFT SERIAL NUMBER : 31763		AIRFRAME HOURS : 300:40		LANDINGS : 838	
#1 ENGINE SERIAL NO.: PCE-KB1931	#1 ENGINE HOURS : 300:40	#2 ENGINE SERIAL NO.: PCE-KB1885	#2 ENGINE HOURS : 300:40	APU SERIAL NO.:	N/A	APU HOURS :	N/A
CRITICAL MAINTENANCE TASK REQUIREMENT		YES	NO	RAISED BY :	SYAQIRA	RAISED DATE :	17/11/2022

DESCRIPTION / WORK TO BE CARRIED OUT	CORRECTIVE ACTION TAKEN
EASA AD NO.: 2018-0132 ISSUED: 21 JUNE 2018 (39-A-AMPI-00-P, IV, AIRWORTHINESS LIMITATIONS, ISSUE 9) ATA 05 – TIME LIMITS / MAINTENANCE CHECKS – AIRWORTHINESS LIMITATION SECTION – AMENDMENT / IMPLEMENTATION TO BE CARRIED OUT I.A.W EASA AD ATTACHED.	ALL SCHEDULED MAINTENANCE TASK HAS BEEN CARRIED OUT IAW AMPI LIMITATION.
MECHANIC SIGN  N/A	

MAINTENANCE ACTIVITIES ABOVE ARE PERFORMED IN ACCORDANCE WITH: (CIRCLE THE SELECTED MODEL WHERE APPLICABLE)

AIRCRAFT MAINTENANCE MANUAL	AW189 AW169 AW139 A119 A109S/AW109SP IETP <sup>NA</sup> ISSUE: <sup>NA</sup> UPDATED: <sup>NA</sup>
ENGINE MAINTENANCE MANUAL	GE CT7-2E PW210A PT6C-67C PT6B-37A PW206C/PW207C MM REV./ISSUE NO. <sup>NA</sup> DATED: <sup>NA</sup>
APU MAINTENANCE MANUAL	DT13-01_eAPU60-MLE 342 ISSUE NO.: <sup>NA</sup> DATED: <sup>NA</sup>
OTHER APPROVED MAINTENANCE DATA	EASA AD NO.: 2018-0132 ISSUED: 21 JUNE 2018

INDEPENDENT INSPECTION / RE-INSPECTION I.A.W MOE 2.23

DESCRIPTION OF CRITICAL MAINTENANCE TASK REQUIREMENT AREA :

.....

.....

AUTHORISATION HOLDER			
NAME	STAMP	SIGNATURE	DATE

INDEPENDENT INSPECTOR			
NAME	STAMP	SIGNATURE	DATE

PARTS / MATERIAL USED / COMPONENT CHANGE RECORD (IF APPLICABLE)

DESCRIPTION	PART NO.	REMOVED		INSTALLED		RELEASE DOCUMENT
		SERIAL NO.	TSN/TSO	SERIAL NO.	TSN/TSO	
<del> </del>						

ADDITIONAL PARTS / MATERIAL USED / COMPONENT CHANGE RECORD HAVE BEEN RAISED AND ATTACHED.

CALIBRATED / SPECIAL TOOLS RECORD SHEET HAVE BEEN RAISED AND ATTACHED.

\* CERTIFYING STAFF HAVE VERIFIED THAT ALL TOOLS, EQUIPMENT AND OTHER EXTRANEIOUS PART OF MATERIALS ARE CLEARED AND ALL TASKS OR INSPECTIONS HAVE BEEN CARRIED OUT TO THE REQUIRED STANDARD. TASK HAS BEEN PERFORMED I.A.W. MAINTENANCE MANUAL SPECIFIED ABOVE.

CERTIFICATE OF RELEASE TO SERVICE

* CERTIFYING STAFF NAME	SIGNATURE	STAMP	LOCATION	DATE
S. ELER			SZB	17/1/23

CAAM (MALAYSIA) AMO/2016/40 - CERTIFIES THAT THE WORK SPECIFIED, EXCEPT AS OTHERWISE SPECIFIED, WAS CARRIED OUT IN ACCORDANCE WITH CAA MALAYSIA REQUIREMENTS AND IN RESPECT TO THAT WORK THE AIRCRAFT / AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE.





## Airworthiness Directive

**AD No.:** 2018-0132

**Issued:** 21 June 2018

Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EC) 216/2008 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.

This AD is issued in accordance with Regulation (EU) 748/2012, Part 21.A.3B. In accordance with Regulation (EU) 1321/2014 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD, unless otherwise specified by the Agency [Regulation (EU) 1321/2014 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [Regulation (EC) 216/2008, Article 14(4) exemption].

### Design Approval Holder's Name:

LEONARDO S.p.A.

### Type/Model designation(s):

AB139 and AW139 helicopters

**Effective Date:** 05 July 2018

**TCDS Number(s):** EASA.R.006

**Foreign AD:** Not applicable

**Supersedure:** This AD supersedes EASA AD 2017-0124R1 dated 13 December 2017.

## ATA 05 – Time Limits / Maintenance Checks – Airworthiness Limitation Section – Amendment / Implementation

### Manufacturer(s):

Leonardo S.p.A., Helicopter Division, formerly Finmeccanica S.P.A Helicopter Division, AgustaWestland S.p.A., Agusta S.p.A.; and AgustaWestland Philadelphia Corporation, formerly Agusta Aerospace Corporation

### Applicability:

AB139 and AW139 helicopters, all serial numbers.

### Definitions:

For the purpose of this AD, the following definitions apply:

**The ALS:** Leonardo AB139 and AW139 Maintenance Manual (MM), 39-A-AMPI-00-P, Chapter IV, Airworthiness Limitations, issue 9.

### Reason:

The airworthiness limitations and maintenance tasks applicable to the AB139 and AW139 helicopters are currently specified in the Leonardo MM, 39-A-AMPI-00-P, Chapter IV, Airworthiness Limitations, which are approved by EASA. These instructions have been identified as mandatory for continued airworthiness.



Failure to accomplish these instructions could result in an unsafe condition.

Since issue 8 of MM 39-A-AMPI-00-P Chapter IV was released, Leonardo published issue 9, which introduces new and/or more restrictive airworthiness limitations and maintenance tasks, compared to issue 8.

For the reason described above, this AD requires accomplishment of the actions specified in the ALS.

**Required Action(s) and Compliance Time(s):**

Required as indicated, unless accomplished previously:

**Maintenance Tasks and Replacement of Life Limited Parts:**

- (1) From the effective date of this AD, accomplish the following actions, as specified in the ALS, as applicable to helicopter model and configuration:
  - (1.1) Replace each component before exceeding the applicable life limit, and
  - (1.2) Within the thresholds and intervals, accomplish all applicable maintenance tasks.

**Corrective Action(s):**

- (2) In case of finding discrepancies (as defined in the ALS) during accomplishment of any task as required by paragraph (1) of this AD, within the compliance time specified in the ALS, accomplish the applicable corrective action(s) in accordance with Leonardo approved maintenance documentation. If no compliance time is identified in the ALS, accomplish the applicable corrective action(s) before next flight. If a detected discrepancy is not identified in the ALS, before next flight, contact Leonardo for approved instructions and accomplish those instructions accordingly.

**Aircraft Maintenance Programme (AMP) Revision:**

- (3) Within 12 months after the effective date of this AD, revise the approved AMP, on the basis of which the operator or the owner of the helicopter ensures the continuing airworthiness of each operated helicopter, by incorporating the limitations, tasks and associated thresholds and intervals described in the ALS, as applicable to helicopter model and configuration.

**Credit:**

- (4) For an AMP that, on the effective date of this AD, is already updated to incorporate the maintenance tasks and life limitations as specified in MM 39-A-AMPI-00-P, Chapter IV, Airworthiness Limitations, at issue 8, that action ensures (see Note 1 of this AD) the continued accomplishment of those tasks and limitations.

Consequently, for a helicopter to which that AMP applies, it is acceptable to accomplish the new and more restrictive tasks and limitations, as defined in, and within the compliance times as specified in, the ALS, to comply with paragraph (1) of this AD.

For that AMP, it is acceptable to incorporate the new and more restrictive tasks and limitations, as defined in the ALS, into the AMP to comply with paragraph (3) of this AD.



**Recording AD compliance:**

- (5) When the AMP of a helicopter has been revised as required by paragraph (3) or (4) of this AD, as applicable, that action ensures (see Note 1 of this AD) continued accomplishment of the tasks as required by paragraphs (1) and (2) of this AD for that helicopter. Consequently, after revising the AMP, as required by paragraph (3) or (4) of this AD, as applicable, it is not necessary that accomplishment of individual action is recorded for demonstration of AD compliance on a continued basis.

Note 1: For Leonardo AB139 and AW139 helicopters registered in Europe, complying with the approved AMP, as specified in paragraph (3) or (4) of this AD, as applicable, is required by Commission Regulation (EU) No [1321/2014](#), Part M.A.301, paragraph 3.

**Ref. Publications:**

Leonardo AB139 and AW139 MM 39-A-AMPI-00-P, Chapter IV, Airworthiness Limitations, issue 9 dated 06 March 2018.

The use of later approved revisions of the above-mentioned document is acceptable for compliance with the requirements of this AD.

**Remarks:**

1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.
2. This AD was posted on 26 April 2018 as PAD 18-059 for consultation until 24 May 2018. No comments were received during the consultation period.
3. Enquiries regarding this AD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu).
4. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this AD, and which may occur, or have occurred on a product, part or appliance not affected by this AD, can be reported to the [EU aviation safety reporting system](#).
5. For any question concerning the technical content of the requirements in this AD, please contact Leonardo Helicopters E-mail: [CSE.AW139.AW@leonardocompany.com](mailto:CSE.AW139.AW@leonardocompany.com).



