



## Notification of a Proposal to issue an Airworthiness Directive

**PAD No.: 18-059**

**Issued: 26 April 2018**

Note: This Proposed Airworthiness Directive (PAD) 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.

In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below.

All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation date indicated.

### Design Approval Holder's Name:

LEONARDO S.p.A.

### Type/Model designation(s):

AB139 and AW139 helicopters

**Effective Date:** [TBD - standard: 14 days after AD issue date]

**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 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:

(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.

#### **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. This Proposed AD will be closed for consultation on 24 May 2018.
2. Enquiries regarding this PAD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu).
3. For any question concerning the technical content of the requirements in this PAD, please contact Leonardo Helicopters E-mail: [CSE.AW139.AW@leonardocompany.com](mailto:CSE.AW139.AW@leonardocompany.com).

