



Airworthiness Directive

AD No.: 2018-0087

Issued: 18 April 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):

AW189 helicopters

Effective Date: 02 May 2018

TCDS Number(s): EASA.R.510

Foreign AD: Not applicable

Supersedure: None

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

Manufacturer(s):

Leonardo S.p.A. Helicopters (formerly Finmeccanica S.p.A., AgustaWestland S.p.A.)

Applicability:

Leonardo AW189 helicopters, all serial numbers.

Definitions:

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

The ALS: Leonardo AW189 Maintenance Manual (MM), Document 89-A-AMPI-00-P, Chapter IV, Airworthiness Limitations, issue 13.

Reason:

The airworthiness limitations and maintenance tasks applicable to AW189 helicopters are currently defined and published in Leonardo AW189 MM, Document 89-A-AMPI-00-P, Chapter IV, Airworthiness Limitations, which is 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 the original Agusta Westland AW189 MM 89-A-AMPI-00-P Chapter IV was issued, a number of revisions were published. The current Leonardo AW189 MM issue 13 includes new and/or more restrictive airworthiness limitations and maintenance tasks, compared to the original Agusta Westland AW 189 MM.

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 the 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 Leonardo AW189 MM 89-A-AMPI-00-P, Chapter IV, Airworthiness Limitations, at issue 12, 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 affected Leonardo AW189 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) [1321/2014](#), Part M.A.301, paragraph 3.

Ref. Publications:

Leonardo AW189 MM 89-A-AMPI-00-P, Chapter IV, Airworthiness Limitations, issue 13 dated 19 February 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. Based on the required actions and the compliance time, EASA have decided to issue a Final AD with Request for Comments, postponing the public consultation process until after publication.
3. Enquiries regarding this AD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
4. For any question concerning the technical content of the requirements in this AD, please contact: Leonardo S.p.A. Helicopters, E-mail: PSE_AW189.MBX@leonardocompany.com.

