

Emergency Airworthiness Directive

AD No.: 2019-0148-E

Issued: 21 June 2019

Note: This Emergency Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 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 (EU) 2018/1139, Article 71 exemption].

Design Approval Holder's Name:

AIRBUS HELICOPTERS

Type/Model designation(s):

EC 175 B helicopters

Effective Date: 25 June 2019

TCDS Number(s): EASA.R.150

Foreign AD: Not applicable

Supersedure: None

ATA 55 – Stabilizers – Horizontal Stabilizer Spar – Inspection

Manufacturer(s):

Airbus Helicopters (AH)

Applicability:

EC 175 B helicopters, all serial numbers.

Definitions:

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

The EASB: AH EC175 Emergency Alert Service Bulletin (EASB) EC175 05A030.

Reason:

During daily inspection a crack was found on the horizontal stabilizer skin and on the horizontal stabilizer main spar.

This condition, if not detected and corrected, could lead to partial loss of the horizontal stabilizer, possibly resulting in loss of control of the helicopter.

To address this potential unsafe condition, AH issued the EASB, providing repetitive inspection instructions of the horizontal stabilizer main spar for cracks.

For the reasons described above, this AD requires repetitive inspections of the horizontal stabilizer main spar and, depending on findings, replacement.

This AD is considered an interim action and further AD action may follow.

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

Required as indicated, unless accomplished previously:

Inspection(s):

- (1) Before next flight after the effective date of this AD, and thereafter at intervals not to exceed 10 flight hours, inspect the horizontal stabilizer main spar in accordance with the instructions of Paragraph 3.B of the EASB.

Corrective Action(s):

- (2) If, during any inspection as required by paragraph (1), any crack is found on the horizontal stabilizer main spar, before next flight, replace the affected horizontal stabilizer with a serviceable part in accordance with the instructions of Paragraph 3.B of the EASB.

Terminating Action:

- (3) None.

Ref. Publications:

AH EC175 Emergency Alert Service Bulletin EC175 05A030 original issue dated 20 June 2019.

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. The results of the safety assessment have indicated the need for immediate publication and notification, without the full consultation process.
3. Enquiries regarding this AD should be referred to the EASA Programming and Continued Airworthiness Information Section, Certification Directorate. E-mail: 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:
Airbus Helicopters (Technical Support), web portal: <https://keycopter.airbushelicopters.com>
Technical Requests Management, or e-mail: support.technical-airframe.ah@airbus.com, and TechnicalSupport.Helicopters@airbus.com.

