



# Notification of a Proposal to issue an Airworthiness Directive

**PAD No.: 19-175**

**Issued: 23 September 2019**

Note: This Proposed Airworthiness Directive (PAD) 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.

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:**

AIRBUS HELICOPTERS

**Type/Model designation(s):**

EC 175 B

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

**TCDS Number(s):** EASA.R.150

**Foreign AD:** Not applicable

**Supersedure:** None

## ATA 53 – Fuselage – ADF Antenna / Fuel Tank Protection

### Manufacturer(s):

Airbus Helicopters (AH)

### Applicability:

EC 175 B helicopters, all serial numbers, if equipped with AH modification (mod) 99A03217-00-M-ECP (installation of ADF antenna under the fuselage), except those equipped with (mod) 99A05469-00-M-ECP (fuel tank protection).

### Definitions:

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

**The ASB:** AH Alert Service Bulletin (ASB) EC175-53A025.

**Groups:** Group 1 helicopters are those which have embodied AH mod 99A05453-00-M-ECP (provisions for mod 99A05469-00-M-ECP) in production.

Group 2 helicopters are those which have not embodied AH mod 99A05453-00-M-ECP in production.



**Reason:**

A non-conformity was discovered on some EC 175 B helicopters, concerning the ADF antenna installed under the fuselage.

This condition, if not corrected, may lead to fuel tank damage in case of a forced landing, possibly resulting in a fire with consequent damage to the helicopter and injury to occupants.

To address this potential unsafe condition, AH published the ASB, providing instructions to install a fuel tank protection above the ADF antenna.

For the reason described above, this AD requires installation of the ADF antenna protection.

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

Required as indicated, unless accomplished previously:

- (1) For Group 1 helicopters: Before exceeding 880 flight hours (FH), or within 24 months, whichever occurs first after the effective date of this AD, install the fuel tank protection in accordance with the instructions of Section 3 of the ASB, with the exception of paragraph 3.B.2.b.
- (2) For Group 2 helicopters: Before exceeding 880 FH, or within 24 months, whichever occurs first after the effective date of this AD, install the fuel tank protection in accordance with the instructions of Section 3 of the ASB.

**Ref. Publications:**

AH ASB EC175-53A025 original issue dated 18 July 2019.

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 21 October 2019.
2. Enquiries regarding this PAD should be referred to the EASA Programming and Continued Airworthiness Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu).
3. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this PAD, and which may occur, or have occurred on a product, part or appliance not affected by this PAD, can be reported to the [EU aviation safety reporting system](#).
4. For any question concerning the technical content of the requirements in this PAD, please contact: Airbus Helicopters (Technical Support), Aéroport de Marseille Provence, 13725 Marignane Cedex, France, Telephone +33 (0)4 42 85 97 97, Fax +33 (0)4 42 85 99 66, Web portal: <https://keycopter.airbushelicopters.com> Technical Requests Management, or E-mail: [support.technical-airframe.ah@airbus.com](mailto:support.technical-airframe.ah@airbus.com).

