



## Airworthiness Directive

**AD No.:** 2019-0281

**Issued:** 20 November 2019

Note: This 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

**Effective Date:** 04 December 2019

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

**Foreign AD:** Not applicable

**Supersedure:** None

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

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### 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. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.
2. This AD was posted on 23 September 2019 as PAD 19-175 for consultation until 21 October 2019. No comments were received during the consultation period.
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](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: 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).

