



Airworthiness Directive

AD No.: 2021-0105

Issued: 15 April 2021

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 helicopters

Effective Date: 29 April 2021

TCDS Number(s): EASA.R.150

Foreign AD: Not applicable

Supersedure: None

ATA 71 – Power Plant – Front Engine Firewall Angles – Replacement

Manufacturer(s):

Airbus Helicopters (AH)

Applicability:

EC 175 B helicopters, all serial numbers, except those that have embodied AH modification (MOD) 99A06105 in production.

Definitions:

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

The ASB: AH Alert Service Bulletin (ASB) EC175-71A017.

Affected part: Links, stiffeners and shim, as identified by Part Number (P/N) in section 1.A.2 of the ASB.

Serviceable part: Parts identified by P/N in the ASB as part of Kit P/N M157A713020071.



Reason:

It has been determined that some joint elements of the firewalls in the engine bay, which are made of aluminium, do not meet the fire resistance requirements for that installation.

This condition, if not detected and corrected, could lead to an uncontained fire in the engine bay, possibly resulting in loss of control of the helicopter.

To address this potential unsafe condition, AH has designed Titanium firewall angles (MOD 99A06105) and issued the ASB, providing replacement instructions.

For the reason described above, this AD requires the replacement of the affected parts with serviceable parts.

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

Required as indicated, unless accomplished previously:

Replacement:

Within 1 800 flight hours or 24 months, whichever occurs first after the effective date of this AD, replace the affected parts with serviceable parts in accordance with the instructions of Section 3 of the ASB.

Ref. Publications:

AH ASB EC175-71A017 original issue dated 23 March 2021.

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 26 March 2021 as PAD 21-050 for consultation until 09 April 2021. No comments were received during the consultation period.
3. Enquiries regarding this AD should be referred to the EASA Safety 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](#). This may include reporting on the same or similar components, other than those covered by the design to which this AD applies, if the same unsafe condition can exist or may develop on an aircraft with those components installed. Such components may be installed under an FAA Parts Manufacturer Approval (PMA), Supplemental Type Certificate (STC) or other modification.



5. For any question concerning the technical content of the requirements in this AD, please contact Airbus Helicopters (Technical Support) at:
Web portal: <https://keycopter.airbushelicopters.com> Technical Requests Management, or
E-mail: support.technical-airframe.ah@airbus.com, and
TechnicalSupport.Helicopters@airbus.com.

