



## Notification of a Proposal to issue an Airworthiness Directive

**PAD No.:** 21-050

**Issued:** 26 March 2021

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 helicopters

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

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

**Foreign AD:** Not applicable

**Supersedure:** None

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

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**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. This Proposed AD will be closed for consultation on 09 April 2021.
2. Enquiries regarding this PAD should be referred to the EASA Safety 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](#). This may include reporting on the same or similar components, other than those covered by the design to which this 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.
4. For any question concerning the technical content of the requirements in this PAD, 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](mailto:support.technical-airframe.ah@airbus.com), and  
[TechnicalSupport.Helicopters@airbus.com](mailto:TechnicalSupport.Helicopters@airbus.com).

