

Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 25-040

Issued: 10 March 2025

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: [standard: 14 days after AD issue date]

TCDS Number(s): EASA.R.150

Foreign AD: Not applicable

Supersedure: None

ATA 26 – Fire Protection – Starter Generator Air Ducts – Modification

Manufacturer(s):

Airbus Helicopters (AH)

Applicability:

EC 175 B helicopters, all serial numbers, except those on which AH modification (mod) 99A06338 has been embodied.

Definitions:

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

The ASB: AH Alert Service Bulletin (ASB) EC175-24-38-0001.

Reason:

A review of the design of the (left- and right-hand) engine starter generator (SG) air ducts (ventilation system) of EC 175 helicopters revealed that several parts of these ducts are not fire-proof. Therefore, in case of an engine fire, the left or right air duct (ventilation system), as applicable, could be damaged, possibly resulting in an unintended airflow that in turn could prevent the extinction of that engine fire.

This condition, if not corrected, could lead to a persistent fire in the affected engine bay, possibly resulting in loss of control of the helicopter.

To address this potential unsafe condition, AH designed mod 99A06338, introducing replacement of parts of both air ducts (SG ventilation systems) and supporting hardware with fire-proof ones, and published the ASB, as defined in this AD, providing instructions for retrofit installation.

For the reason described above, this AD requires replacement of certain parts of the SG air ducts with fire-proof parts.

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

Required as indicated by this AD, unless the action(s) required by this AD have been already accomplished:

Modification(s):

Within 1 800 flight hours or 24 months, whichever occurs first after the effective date of this AD, modify the helicopter in accordance with the instructions of the ASB.

Ref. Publications:

AH ASB EC175-24-38-0001 original issue dated 04 March 2025.

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 07 April 2025.
2. Enquiries regarding this PAD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: 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 PAD 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), Aéroport de Marseille Provence, 13725 Marignane Cedex, France, Telephone (+33 (0)4 42 859 797, Fax +33 (0)4 42 85 99 66; Web portal: <https://airbusworld.helicopters.airbus.com> / Technical Requests Management, Telephone +33 (0)4 42 85 97 89, or E-mail: support.technical-airframe.ah@airbus.com.

