

Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 19-205

Issued: 20 November 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 helicopters

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

TCDS Number(s): EASA.R.150

Foreign AD: Not applicable

Supersedure: None

ATA 28 – Fuel – Roll-over Valves – Replacement

Manufacturer(s):

Airbus Helicopters (AH)

Applicability:

EC 175 B helicopters, all serial numbers (s/n).

Definitions:

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

Affected part: Roll-over valves, having Part Number (P/N) 510397-4 and s/n KPxxx, where 'xxx' can be any numerical value.

Serviceable part: Any roll-over valve, having P/N 510397-4, which is not an affected part.

The ASB: AH EC175 Alert Service Bulletin (ASB) EC175-28A004.

Groups: Group 1 helicopters are those that have an affected part installed. Group 2 helicopters are those that do not have an affected part installed.

Reason:

A manufacturing non-conformity was discovered, affecting a certain batch of roll-over valves P/N 510397-4. This may lead to fuel leakage from the valve in case of aircraft roll-over during an emergency or unusually hard landing.

This condition, if not corrected, could lead to a post-impact fire, possibly resulting in injury to occupants.

To address this potential unsafe condition, AH published the ASB, providing instructions to replace the affected parts.

For the reason described above, this AD requires removal from service of each affected part. This AD also prohibits (re)installation of an affected part on any helicopter.

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

Required as indicated, unless accomplished previously:

Replacement:

- (1) For Group 1 helicopters: Within 880 flight hours or 24 months, whichever occurs first after the effective date of this AD, replace each affected part with a serviceable part.

Parts Installation:

- (2) For Group 1 and Group 2 helicopters: From the effective date of this AD, do not install (see Note 1 of this AD) on any helicopter an affected part, as defined in this AD.

Note 1: The action to 'install' an affected part on a helicopter, as specified in paragraph (2) of this AD, does not include removal and re-installation of an affected part on the same helicopter during the same maintenance visit for purposes (e.g. regular maintenance) other than to comply with the AD.

Ref. Publications:

AH EC175 ASB EC175-28A004 original issue dated 07 October 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 18 December 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.
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, Web portal: <https://keycopter.airbushelicopters.com> Technical Requests Management, or E-mail: support.powerplant.ah@airbus.com.

