



Airworthiness Directive

AD No.: 2020-0134

Issued: 15 June 2020

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 June 2020

TCDS Number(s): EASA.R.150

Foreign AD: Not applicable

Supersedure: None

ATA 25 – Equipment / Furnishings – Electric Hoist Installation – Modification

Manufacturer(s):

Airbus Helicopters (AH)

Applicability:

EC 175 B helicopters having a single hoist Part Number (P/N) M259A70A1001 (Manufacturer Part Number (MP/N) 42325-19-106) or P/N 704A41815120 (MP/N 42325-16-6), or cargo hook P/N M259A80A1002 (MP/N FE7590-173-2) installed, except those that have embodied modification (MOD) 99A05457, MOD 99A05458, MOD 99A05456, MOD 99A05810 and MOD 99A05811; and

EC 175 B helicopters having a dual hoist P/N M259A70A1001 (MP/N 42325-19-106), or cargo hook P/N M259A80A1002 (FE7590-173-2) installed and PRE-MOD 99A05458 and PRE-MOD 99A05455, and POST- MOD 99A05422 or POST-MOD 09A05669.

Definitions:

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

The ASB: AH Alert Service Bulletin (ASB) EC175-25A023.



Reason:

An occurrence was reported where, in case the hoist/cargo hook load release (REL) button (of collective sticks control box or hoist operator console) remained in the CUT position (pressed) while the guard of the button was closed, no message was displayed to warn the crew that the system is armed.

This condition, if not corrected, could lead to an inadvertent activation of the hoist/cargo hook cable cut function, should the guard be lifted, hence possibly resulting in injury to hoisted people.

To address this potential unsafe condition, AH published the ASB, providing modification instructions.

For the reason described above, this AD requires a wiring modification and replacement of some hoist/cargo hook control units.

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

Required as indicated, unless accomplished previously:

Modification:

Within 1 800 flight hours or 24 months, whichever occurs first after the effective date of this AD, modify the wiring and replace the control units in accordance with the applicable instructions of section 3.B of the ASB.

Ref. Publications:

AH ASB EC175-25A023 original issue dated 05 December 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 13 May 2020 as PAD 20-077 for consultation until 10 June 2020. 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.
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, Web portal: <https://keycopter.airbushelicopters.com> Technical Requests Management, or E-mail: support.powerplant.ah@airbus.com.

