



Airworthiness Directive

AD No.: 2020-0281

Issued: 16 December 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):

AS 332 L2 and EC 225 LP helicopters

Effective Date: 30 December 2020

TCDS Number(s): EASA.R.002

Foreign AD: None

Supersedure: Not applicable

ATA 25 – Equipment / Furnishings – Hoist Control Power Supply – Modification

Manufacturer(s):

Airbus Helicopters (AH), formerly Eurocopter, Eurocopter France, Aerospatiale

Applicability:

AS 332 L2 helicopters, serial numbers (s/n) 2622 and 2634; and

EC 225 LP helicopters, s/n 2648, 2663, 2666, 2668, 2670, 2673 through 2679 inclusive, 2681, 2685, 2687, 2688, 2691, 2692, 2695, 2697, 2699, 2701 through 2703 inclusive, 2707 through 2709 inclusive, 2714 through 2716 inclusive, 2718, 2721 through 2724 inclusive, 2728 through 2732 inclusive and s/n 2734.

Definitions:

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

The applicable ASB: AH Alert Service Bulletin (ASB) AS332-25.02.30 Revision 1 and ABS EC225-25A065 Revision 1, as applicable.

Reason:

A design deficiency was detected, involving incorrect wiring routing of the electrical hoist installation. The affected wiring was not protected by the circuit breaker which was intended to provide electrical protection for that wiring.



This condition, if not corrected, could lead to a short circuit within the electrical harness of the hoist control, with consequent hoist shear command and hoisted load loss, possibly resulting in serious injuries or fatalities to human external cargo or injuries to persons on the ground.

To address this unsafe condition, AH issued the applicable ASB to provide modification instructions.

For the reasons described above, this AD requires modification of the hoist control power supply.

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

Required as indicated, unless accomplished previously:

Modification:

- (1) Within 30 days after the effective date of this AD, modify the hoist control power supply in accordance with the instructions of the applicable ASB.

Credit:

- (2) Modification of a helicopter, accomplished before the effective date of this AD in accordance with the instructions of Eurocopter Service Bulletin (SB) AS332-25.02.30 or SB EC225-25A065 at original issue, as applicable, is an acceptable method to comply with the modification requirements of paragraph (1) of this AD for that helicopter.

Ref. Publications:

Eurocopter SB AS332-25.02.30 original issue dated 15 November 2010, or AH ASB AS332-25.02.30 Revision 1 dated 14 December 2020.

Eurocopter SB EC225-25A065 original issue dated 15 November 2010, or AH ASB EC225-25A065 Revision 1 dated 14 December 2020.

The use of later approved revisions of the above-mentioned documents 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. Based on the required actions and the compliance time, EASA have decided to issue a Final AD with Request for Comments, postponing the public consultation process until after publication.
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](#). 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), Aéroport de Marseille Provence 13725 Marignane Cedex, France, Telephone +33 (0)4 42 85 97 97, Fax +33 (0)4 42 85 99 66, Web portal: <https://keycopter.airbushelicopters.com> > Technical Requests Management , E-mail: support.technical-dyncomp.ah@airbus.com, and TechnicalSupport.Helicopters@airbus.com.

