



Airworthiness Directive

AD No.: 2023-0172

Issued: 20 September 2023

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, or Annex Vb Part ML.A.301, as applicable, 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 Annex Vb Part ML.A.303, as applicable] 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 L1 and EC 225 LP helicopters

Effective Date: 04 October 2023

TCDS Number(s): EASA.R.002

Foreign AD: Not applicable

Supersedure: None

ATA 25 – Equipment / Furnishings – Cabin Hoist Shear Toggle Switch Equipped Support – Replacement / Modification

Manufacturer(s):

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

Applicability:

AS 332 L1 helicopters, serial numbers (s/n) 2218, 2221, 2341, 2950 and 2956; and EC 225 LP helicopters, s/n 2666, 2673 and 2759.

Definitions:

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

Affected part: Equipped support of hoist shear toggle switch having Part Number (P/N) 332P67-2841-22 or P/N 332P67-2866-21, except those re-identified with “EC225-25A295” added to the P/N (for EC 225 LP helicopter); and P/N 332P67-3882-01 or P/N 332R67-9808-05 (for AS 332 L1 helicopter).

Serviceable part: Equipped support of hoist shear toggle switch having P/N 332P67-2841-22 or P/N 332P67-2866-21, re-identified with “EC225-25A295” added to the P/N (for EC 225 LP helicopter), as applicable to helicopter configuration; and P/N 332P61-6845-09 (for AS 332 L1 helicopter).



The ASB: AH Alert Service Bulletin (ASB) AS332-25.04.01 or AH ASB EC225-25A295, as applicable.

Reason:

It has been determined that the hoist operator's helmet cord can entangle with the toggle switch of the hoist cable cut control located on the cabin wall in front of right-hand main sliding door.

This condition, if not corrected, could lead to unintentional activation of the hoist cable cutter during a hoisting operation and in-flight release of the hoisted external load.

To address this potential unsafe condition, AH developed a modification to improve the protection of the toggle switch, and issued the ASB, as defined in this AD, to provide replacement and modification instructions.

For the reason described above, this AD requires replacement of the affected part for AS 332 L1 helicopters, and its modification and re-identification for EC 225 LP helicopters.

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

Required as indicated, unless accomplished previously:

Replacement:

- (1) For AS 332 L1 helicopters: Within 6 months after the effective date of this AD, replace the affected part with a serviceable part in accordance with the instructions of the ASB.

Modification:

- (2) For EC 225 LP helicopters: Within 6 months after the effective date of this AD, modify and re-identify the affected part in accordance with the instructions of the ASB.

Part(s) Installation:

- (3) For all helicopters: After replacement or modification, as required by paragraph (1) or (2) of this AD, as applicable, do not install on any helicopter an affected part as defined in this AD.

Ref. Publications:

AH ASB AS332-25.04.01 original issue dated 03 August 2023.

AH ASB EC225-25A295 original issue dated 03 August 2023.

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. This AD was posted on 21 August 2023 as PAD 23-097 for consultation until 18 September 2023. No comments were received during the consultation period.



3. Enquiries regarding this AD should be referred to the EASA Safety 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, Airbus World: Technical Request Management:
<https://airbusworld.helicopters.airbus.com>,
E-mail: TechnicalSupport.Helicopters@airbus.com.

