



Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 23-097

Issued: 21 August 2023

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):

AS 332 L1 and EC 225 LP helicopters

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

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. This Proposed AD will be closed for consultation on 18 September 2023.



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, Airbus World: Technical Request Management:
<https://airbusworld.helicopters.airbus.com>,
E-mail: TechnicalSupport.Helicopters@airbus.com.

