

Emergency Airworthiness Directive

AD No.: 2025-0249-E

Issued: 07 November 2025

Note: This Emergency 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):

EC 130 helicopters

Effective Date: 11 November 2025

TCDS Number(s): EASA.R.008

Foreign AD: Not applicable

Supersedure: None

ATA 65 – Tail Rotor Drive – Centre Shaft Assembly – Replacement

Manufacturer(s):

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

Applicability:

EC 130 T2 and EC 130 B4 helicopters, all serial numbers.

Definitions:

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

The ASB: AH Emergency Alert Service Bulletin (ASB) EC130-65-00-0001.

Affected part: Centre shaft assembly having Part Number (P/N) 350A34021401 (Manufacturer P/N 350A34-0214-01).

Serviceable part: Centre shaft assembly, eligible for installation in accordance with AH instructions, that is not an affected part; or an affected part that has accumulated less than 6 050 flight hours (FH) (for EC 130 B4 helicopters) or less than 5 550 FH (for EC 130 T2 helicopters) since first installation.

Groups: Group 1 helicopters are those having an affected part installed. Group 2 helicopters are those not having an affected part installed.

Reason:

Recent fatigue tests performed by AH on the Tail Drive Line provided data that can impact the Service Life Limit of the affected part. A crack could initiate from the riveted area and propagate until failure of the centre shaft assembly. Investigation is on-going to identify the root cause of this issue.

This condition, if not corrected, could lead to failure of the tail rotor drive shaft and subsequent loss of yaw control of the helicopter.

To address this potential unsafe condition, as initial precautionary measure, AH issued the ASB, providing instructions for shaft replacement. It is foreseen that AH will revise that ASB to provide further instructions.

For the reason described above, this AD requires replacement of the affected part with a serviceable part.

This AD is considered to be an interim action and further AD action may follow.

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

Required as indicated by this AD, unless the action(s) required by this AD have been already accomplished:

Replacement:

- (1) For Group 1 helicopters: Within the compliance time as specified in Table 1 of this AD, as applicable, but not exceeding the Service Life Limit published in the Airworthiness Limitation Sections of the applicable Aircraft Maintenance Manual, replace the affected part by a serviceable part in accordance with the instructions of the ASB.

Table 1 – Compliance Time

Helicopter Model	FH accumulated by the affected part, on the effective date of this AD, since first installation	Compliance Times
EC 130 B4	9 750 FH or more	Within 10 FH after the effective date of this AD
	6 050 FH or more, and less than 9 750 FH	Within 50 FH after the effective date of this AD
	Less than 6 050 FH	Before exceeding 6100 FH since first installation
EC 130 T2	8 050 FH or more	Within 10 FH after the effective date of this AD
	5 550 FH or more, and less than 8 050 FH	Within 50 FH after the effective date of this AD
	Less than 5 550 FH	Before exceeding 5 600 FH since first installation



Part(s) Installation:

- (2) For Group 1 and Group 2 helicopters: From the effective date of this AD, it is allowed to install on any helicopter an affected part, provided it is a serviceable part, as defined in this AD, and that, following installation, that part is replaced as required by this AD.

Ref. Publications:

AH Emergency ASB EC130-65-00-0001 original issue dated 06 November 2025.

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. The results of the safety assessment have indicated the need for immediate publication and notification, without the full consultation process.
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, Telephone: +33 (4) 42 85 97 97, Fax: +33 (4) 42 85 99 66, Web portal: <https://airbusworld.helicopters.airbus.com> Technical Requests Management, or E-mail: TechnicalSupport.Helicopters@airbus.com

