



Airworthiness Directive

AD No.: 2024-0142

Issued: 17 July 2024

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 and EC 225 helicopters

Effective Date: 31 July 2024

TCDS Number(s): EASA.R.002

Foreign AD: Not applicable

Supersedure: None

ATA 53 – Fuselage – Rear MGB Suspension Bar Fittings Attachment Screws – Replacement

Manufacturer(s):

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

Applicability:

AS332 L2 and EC225 LP helicopters, all serial numbers on which AH modification (MOD) 07.28496 has been embodied in production, or AH Alert Service Bulletin (ASB) EC225-53A065 or ASB AS332-53.02.03 has been embodied in service, as applicable.

Definitions:

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

Affected part: Attachment screw Part Number 332A22-3644-20.

Serviceable part: An affected part that is new (never installed).

The ASB: AH ASB AS332-53-30-0001 and ASB EC225-53-30-0001, as applicable.

Reason:

Two attachment screws were found overlengthened and deformed on helicopters having the new link of the suspension bar attachment brackets installed through ASB EC225-53A065/AS332-53.02.03.



This condition, if not detected and corrected, could lead to structural failure of the affected parts and, consequently, to loss of control of the helicopter.

While the investigation is still ongoing, to address this potential unsafe condition and to collect additional data supporting that investigation, AH issued the ASB providing instructions to replace the affected part(s) and inspection instructions for removed part(s).

Consequently, this AD requires replacement of each affected part with a serviceable one, inspection of affected part(s) and reporting of removed affected part(s) condition.

This AD is considered to be an interim measure 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) Within 2 500 flight hours (FH) since first installation, replace each affected part with a serviceable part in accordance with the instructions of the ASB.

Inspection:

- (2) Concurrently with part(s) replacement as required by paragraph (1) of this AD, inspect each removed part in accordance with the instructions of the ASB.

Reporting:

- (3) Within 30 days after replacement as required by paragraph (1) of this AD, report the inspection results, as required by paragraph (2) of this AD, to AH. Using the inspection report attached to the ASB is an acceptable method to comply with this requirement.

Part(s) Installation:

- (4) From the effective date of this AD, it is allowed to install an affected part on a helicopter, provided it is a serviceable part, and that it is installed in accordance with the instructions of the ASB (see Note 1 of this AD).

Note 1: Removal of an affected part from a helicopter and subsequent reinstallation of that affected part on the same helicopter, at the same position, accomplished during a single maintenance visit, is not considered as 'install' as specified in paragraph (4) of this AD.

Ref. Publications:

AH ASB AS332-53-30-0001 Revision 001 dated 04 July 2024,

AH ASB EC225-53-30-0001 Revision 001 dated 04 July 2024.

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. All interested persons may send their comments, referencing the AD Number, to the E-mail address specified in below Remark 3, prior to 14 August 2024. Only if any comment is received during the consultation period, a Comment Response Document will be published in the [EASA Safety Publications Tool](#), in a compressed ('zipped') file, attached to the record for this AD.
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 (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: TechnicalSupport.Helicopters@airbus.com.

