



Airworthiness Directive

AD No.: 2026-0109

Issued: 08 June 2026

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 Change Approval Holder's Name:	Design Change Description:
MECAER AVIATION GROUP	Installation of EMS Interiors P/N 6E4M0000X001-001

Effective Date: 22 June 2026

STC Number(s): EASA Supplemental Type Certificate (STC) 10051018 up to Rev. 5

Foreign AD: Not applicable

Supersedure: None

ATA 35 – Oxygen – Low Pressure Oxygen Hoses – Replacement

Manufacturer(s):

Airbus Helicopters (AH); Airbus Helicopters Deutschland GmbH; Kawasaki Heavy Industries Ltd.; and Airbus Helicopters Inc.

Applicability:

MBB-BK117 D-2 and D-3 helicopters, all serial numbers (s/n), if modified in accordance with EASA STC 10051018 up to revision 5 (inclusive).

Definitions:

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

The MSB: Mecaer Aviation Group (MAG) Mandatory Service Bulletin (MSB) SB-E4M-035 revision B.

Affected hose: Oxygen hose having Part Number (P/N) 6E4M3520A001-113 or P/N 6E4M3520A001-115.

Affected assembly: Hose assembly having P/N 6E4M3520A001-061 or P/N 6E4M3520A001-063, if equipped with an affected hose, as applicable.



Serviceable hose: Oxygen hose having P/N 6E4M3520A001-121 or P/N 6E4M3520A001-123, as applicable, as defined in the MSB.

Serviceable assembly Hose assembly having P/N 6E4M3520A001-061 or P/N 6E4M3520A001-063, not equipped with an affected hose.

Reason:

During a manufacturing and validation process carried out by MAG, a leakage was detected in the oxygen distribution circuit. The investigation identified age-related degradation of the low-pressure oxygen hoses used in MBB-BK117 D-2 & D-3 Emergency Medical Service (EMS) Interiors.

This condition, if not corrected, could lead to an undetected oxygen concentration in the cabin which might lead to an increased risk of a fire.

To address this potential unsafe condition, MAG issued the MSB, as defined in this AD, providing instructions to replace the affected hoses with serviceable hoses.

For the reason described above, this AD requires replacement of the affected hoses. This AD also prohibits (re)installation of affected hoses.

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

Required as indicated by this AD, unless the actions required by this AD have been already accomplished:

Replacement:

- (1) Within 50 flight hours or 30 days, whichever occurs first after the effective date of this AD, replace each affected hose with a serviceable hose in accordance with the instructions of the MSB, as applicable.

Part(s) Installation:

- (2) After the replacement as required by paragraph (1) of this AD on a helicopter, do not install any affected hose on that helicopter (see Notes 1 and 2 of this AD).
- (3) From the effective date of this AD, do not install an affected assembly on any helicopter (see Note 1 of this AD).

Note 1: Removal of an affected hose or affected assembly from a helicopter and subsequent reinstallation of that affected hose or that affected assembly at the same location of the same helicopter, accomplished during a single maintenance visit, is not considered as 'installation' as specified in paragraphs (2) and (3) of this AD, as applicable.

Note 2: The prohibition to install an affected hose includes prohibition to install any higher assembly which includes an affected hose.

Ref. Publications:

MAG MSB SB-E4M-035 revision B dated 22 May 2026.



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. 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 06 July 2026. 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 Mecaer: Via dell'Artigianato V Traversa, 1, 63076 Centobuchi di Montepandone (AP) – Italy; Tel.: (+39) 0735 7091 – Fax (+39) 0735 701927; Mail: caw@mecaer.com

