



Airworthiness Directive

AD No.: 2017-0038

Issued: 22 February 2017

Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EC) 216/2008 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 66 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, 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 agreed with the Authority of the State of Registry [Regulation (EC) 216/2008, Article 14(4) exemption].

Design Approval Holder's Name:

AIRBUS HELICOPTERS DEUTSCHLAND GmbH

Type/Model designation(s):

MBB-BK117 D-2 and D-2m helicopters

Effective Date: 08 March 2017

TCDS Number(s): EASA.R.010

Foreign AD: Not applicable

Supersedure: None

ATA 67 – Rotors Flight Control – Cable Cut Flip Guard – Replacement

Manufacturer(s):

Airbus Helicopters Deutschland GmbH (formerly Eurocopter Deutschland GmbH), Airbus Helicopters Inc. (formerly American Eurocopter LLC)

Applicability:

MBB-BK 117 D-2 and MBB-BK117 D-2m helicopters, all serial numbers (s/n).

Reason:

Occurrences were reported of unintended lifting of the flip guard for the rescue hoist cable cut pushbutton on MBB-BK117 helicopters. The flip guard has two stable positions (open / closed). If the unintended opening is not detected, the double action requirement for rescue hoist cable cut activation is not guaranteed.

This condition, if not corrected, could lead to inadvertent activation of the rescue hoist cable cut function, possibly resulting in personal injury.

To address this unsafe condition, Airbus Helicopter issued Alert Service Bulletin (ASB) MBB-BK117 D-2-67A-002 (hereafter referred to as "the ASB" in this AD), providing instructions to replace the bi-stable cover flip guard with a mono-stable (closed) one.

For the reason described above, this AD requires replacement of the bi-stable flip guard, and re-identification of the collective lever switch unit (CLSU).



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

Required as indicated, unless accomplished previously:

Note 1: CLSU having Part Number (P/N) D671M50C1020, P/N D671M50C1040, or P/N D671M50C1050, except those modified in accordance with the instructions of the ASB and identified with placard "ASB MBB-BK117 D-2-7A-002", are hereafter referred to as "affected CLSU" in this AD.

Note 2: For the purpose of this AD, an "affected part" is an affected CLSU (see Note 1 of this AD), or a collective lever having an affected CLSU installed, or a cable cut flip guard having P/N 79552176.

Modification:

- (1) For a helicopter equipped with an affected part (see Note 2 of this AD): Within 440 flight hours after the effective date of this AD, modify that helicopter by modifying and re-identifying each affected CLSU (see Note 1 of this AD) in accordance with the instructions of the ASB.

Parts Installation:

- (2) From the effective date of this AD, do not install an affected part (see Note 2 of this AD) on any helicopter.

Ref. Publications:

AH ASB MBB-BK117 D-2-67A-002 original issue, dated 23 January 2017.

The use of later approved revisions of this 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. This AD was posted on 24 January 2017 as PAD 17-013 for consultation until 21 February 2017. The Comment Response Document can be found at <http://ad.easa.europa.eu>.
3. Enquiries regarding this AD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
4. For any question concerning the technical content of the requirements in this AD, please contact: Airbus Helicopters Deutschland GmbH, Industriestrasse 4, 86609 Donauwörth, Federal Republic of Germany
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