



## Notification of a proposal to issue an Airworthiness Directive

**PAD No.: 17-013**

**Issued: 24 January 2017**

Note: This Proposed Airworthiness Directive (PAD) 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.

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 DEUTSCHLAND GmbH

**Type/Model designation(s):**

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

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

**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 CSLU” 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. This Proposed AD will be closed for consultation on 21 February 2017.
2. Enquiries regarding this PAD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu).
3. For any question concerning the technical content of the requirements in this PAD, please contact: Airbus Helicopters Deutschland GmbH, Industriestrasse 4, 86609 Donauwörth, Federal Republic of Germany  
Telephone: + 49 (0)151 1422 8976; Facsimile: + 49 (0)906 71 4111.

