



Airworthiness Directive

AD No.: 2017-0238

Issued: 30 November 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-BK 117 D-2 helicopters

Effective Date: 7 December 2017

TCDS Number(s): EASA.R.010

Foreign AD: Not applicable

Supersedure: None

ATA – Rotorcraft Flight Manual – Emergency Procedures Section – Amendment

Manufacturer(s):

Airbus Helicopters Deutschland GmbH (formerly Eurocopter Deutschland GmbH)

Applicability:

MBB-BK 117 D-2 helicopters, all serial numbers.

Reason:

An occurrence was reported of erroneous low rotor revolutions per minute (RPM) indication after establishing One Engine Inoperative (OEI) condition.

This condition, if not corrected, could lead to inappropriate pilot response during operations in OEI condition, possibly resulting in damage to the helicopter and/or injury to occupants.

To address this unsafe condition, pending a software modification which will prevent further occurrences, Airbus Helicopters (AH) issued certain Rotorcraft Flight Manual (RFM) Temporary Revisions (TR), updating the "Emergency and malfunction procedures" section of the applicable RFM.

For the reason described above, this AD requires amendment of the MBB-BK 117 D2 RFM.

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, unless accomplished previously:

RFM Amendment:

- (1) Within 14 days after the effective date of this AD, amend section 3 of the RFM, “Emergency and malfunction procedures”, by inserting a copy of the RFM TR as identified in Table 1 of this AD, as applicable, inform all flight crews and, thereafter, operate the helicopter accordingly.

Table 1 – RFM Temporary Revision

MBB-BK 117 D-2 Configuration	RFM Temporary Revision
D-2 (basic)	TR No. 2, dated 20 November 2017
D-2 (Helionix Step 2)	TR No. 2, dated 20 November 2017
D-2m (Helionix Step 2)	TR No. 2, dated 20 November 2017

- (2) Amending the “Emergency and malfunction procedures” section of the applicable RFM of a helicopter by incorporating a later RFM revision which includes the same content as the RFM TR as identified in Table 1 of this AD, as applicable, is acceptable to comply with the RFM amendment requirement of paragraph (1) of this AD for that helicopter.

Ref. Publications:

AH Flight Manual BK117 D-2, TR 2, dated 20 November 2017.

AH Flight Manual BK117 D-2 (Helionix Step 2), TR 2, dated 20 November 2017.

AH Flight Manual BK117 D-2m (Helionix Step 2), TR 2, dated 20 November 2017.

The use of later approved revisions of these 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.
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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