



Airworthiness Directive

AD No.: 2021-0231

Issued: 15 October 2021

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, 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 (EU) 2018/1139, Article 71 exemption].

Design Approval Holder's Name:

AIRBUS HELICOPTERS DEUTSCHLAND GmbH

Type/Model designation(s):

MBB-BK117 C-2 helicopters

Effective Date: 29 October 2021

TCDS Number(s): EASA.R.010

Foreign AD: Not applicable

Supersedure: None

ATA 25 – Equipment / Furnishings – Emergency Flashlight – Replacement

Manufacturer(s):

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

Applicability:

MBB-BK117 C-2 helicopters, all serial numbers (s/n).

Definitions:

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

The ASB: Airbus Helicopters (AH) Alert Service Bulletin (ASB) MBB-BK117 C-2-25A-021.

Affected part: Emergency flashlights, having a Part Number (P/N) identified as “old P/N” in Table 1 of this AD.

Serviceable part: Emergency flashlights, having a P/N identified as “new P/N” in Table 1 of this AD. The ASB provides instructions to modify and re-identify an affected part into a serviceable part.

Groups: Group 1 helicopters are those that have an affected part installed. Group 2 helicopters are those that do not have an affected part installed.



Reason:

An occurrence was reported of restricted collective lever movement on a helicopter. Subsequent inspection determined that the emergency flashlight was stuck under that lever. The flashlight strap got entangled with the cargo hook emergency release lever, causing the emergency flashlight leaving its seat.

This condition, if not corrected, could lead to reduced control of the helicopter, possibly resulting in damage to the helicopter and/or injury to occupants.

To address this possible unsafe condition, AH issued the ASB providing instructions to remove the strap of the emergency flashlight.

For the reason stated above, this AD requires replacement of each affected part with a serviceable part. This AD also prohibits (re)installation of affected parts.

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

Required as indicated, unless accomplished previously:

Part(s) replacement:

- (1) For Group 1 helicopters: Within 12 months after the effective date of this AD, replace each affected part with a serviceable part. This can be accomplished by modification of the affected part(s) in accordance with the instructions of the ASB.

Table 1 – Affected and Serviceable Parts

Old P/N	New P/N
11359000001	L335M0001101
11359000010	L335M0002101
21359200000	L335M0003101

Part(s) installation:

- (2) Do not install an affected part on any helicopter, as required by paragraph (2.1) or (2.2) of this AD, as applicable:

(2.1) For Group 1 helicopters: After replacement or modification of each affected part on a helicopter as required by paragraph (1) of this AD.

(2.2) For Group 2 helicopters: From the effective date of this AD.

Ref. Publications:

AH ASB MBB-BK117 C-2-25A-021 original issue dated 25 August 2021.

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. This AD was posted on 15 September 2021 as PAD 21-136 for consultation until 13 October 2021. No comments were received during the consultation period.
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 Deutschland GmbH, Industriestrasse 4, 86609 Donauwörth, Federal Republic of Germany, Telephone: + 33 (0)4 42 85 97 97;
Web portal: <https://keycopter.airbushelicopters.com> > Technical Request Management
E-mail: customersupport.helicopters@airbus.com.

