



Airworthiness Directive

D-2008-179

Luftfahrt-Bundesamt

Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
GERMANY

EUROCOPTER Deutschland

Effective Date: 31 May 2008

Affected:

Kind of aeronautical product: Helicopter
Manufacturer: EUROCOPTER Deutschland, Donauwörth, Germany
Type: MBB-BK117
Models affected: MBB-BK117C-2
Serial Numbers affected: All
German Type Certificate No.: 3049
EASA Type Certificate No.: EASA.R.010

Subject:

Impair of the controls' freedom of movement by incorrect fixed bearings in the main rotor and tail rotor flight controls due to a production discrepancy.

Reason:

During accomplishment of an inspection on a MBB BK117 C-2, bearings were detected which had not been correctly fixed. Not properly fixed bearings may cause the respective lever to shift in the axial direction. Under unfavourable circumstances, the lever might get into contact with the helicopter structure and thus impair the controls' freedom of movement.

The actions specified by this airworthiness directive are intended to prevent impair of the controls' freedom of movement by incorrect fixed bearings which can result in reduced controllability of the helicopter.

Action:

This airworthiness directive requires the following actions:

1. The affected bearings must be checked for correct attachment.
2. Rebond bearings or replace control levers if incorrect fixed bearings have been found during the inspection.
3. Inform EUROCOPTER Customer Service about inspection findings.

All necessary actions have to be performed on the basis of the referenced manufacturer service bulletin.

Compliance:

The inspection and the possible necessary repair of the control levers must be accomplished within the next 50 fh after publication of this Airworthiness Directive, but not later than June 30, 2008.

The inspection must be reported together with the periodical inspection or with the 12-month inspection (whatever comes first).

Technical publication - the manufacturer:

EUROCOPTER Alert Service Bulletin MBB BK117 C-2-67A-010 dated April 28, 2008. This Service Bulletin become herewith part of this AD and may be obtained from:

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