



Airworthiness Directive

D-2008-178

Luffahrt-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: EC135
Models affected: EC135 all models
EC635 all models
Serial Numbers affected: All
German Type Certificate No.: 3061
EASA Type Certificate No.: EASA.R.009

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. As some bearings of the EC135 are fixed with the same procedure, they could be affected by the same production discrepancy.

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 possibly 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 repeated together with the periodical inspection or with the 12-month inspection (whatever comes first).

Technical publication of the manufacturer:

EUROCOPTER Alert Service Bulletin EC135-67A-019 dated April 28, 2008. This Service Bulletin become herewith part of this AD and may be obtained from:

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