



**Airworthiness
Directive
1997-350**

Luffahrt-Bundesamt
Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
Federal Republic of Germany

Eurocopter Deutschland

Effective Date: December 18, 1997

Affected:

Kind of aeronautical product: Helicopter
Manufacturer: Eurocopter Deutschland, Ottobrunn, Germany
Type: MBB-BK 117
Models affected: All
Serial numbers affected: 7001 up to 7250 and 7500 up to 7509
German Type Certificate No.: 3049

Subject:

Main gear / main transmission – Life Limited Part – Introduction of Life Limit on Bevel Gear P/N 117-12215-01

Reason:

The working life of the tail rotor (output) drive unit of the main transmission has been recalculated. This requires the introduction of a life limitation of 18500 h on the bevel gear P/N 117-12215-01.

Action:

Enter life limitation in Accessory Replacement Record and Historical Record "Main Transmission".

Note: To obtain the replacement time entry, the installation (i.e. total operating time of part) to date must be determined. If it can not be determined, the total operating time of all part shall be considered to be the operating time of the main transmission.

Compliance:

Action must be performed until December 31, 1997, if not already has been done.

Technical publication of the manufacturer:

Eurocopter Deutschland MBB-BK 117 Alert Service-Bulletin No. ASB-MBB-BK 117-10-113 dated September 30, 1997 which becomes herewith part of this AD and may be obtained from Messrs.:

Eurocopter Deutschland GmbH
Postfach

D-81663 München
Federal Republic of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

Holders of affected aircraft registered in Germany have to observe the following:

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed

Instructions about Available Legal Remedies:

An appeal to this notice may be raised within a period of one month following notification. Appeals must be submitted in writing or registered at the Luffahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig.