



**Airworthiness  
Directive  
1999-264**

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

**Eurocopter Deutschland**

**Effective Date: July 02, 1999**

**Affected:**

Kind of aeronautical product: Helicopter  
Manufacturer: Eurocopter Deutschland, München, Germany  
Type: EC 135  
Models affected: All  
Serial numbers affected: All  
German Type Certificate No.: 3061

**Subject:**

Main Rotor System – Main Rotor Blade – Inspect screw connection of bearing support for correct fit

**Reason:**

During the flight, severe vibrations occurred on the helicopter. An inspection following landing revealed that, on several main rotor blades, the nut of the expansion bolt, which serves as bearing support attachment for the lead-lag damper, had become loose.

To ensure that no defective screw connection of this expansion bolt exists on main rotor blades currently in operation, an inspection is to be accomplished for correct fit of the nut and undamaged condition of the lockwire.

**Action:**

Visual inspection of the lockwire and of the head of the expansion bolt must be performed; check extent of thread protrusion of the expansion bolt through end of nut in accordance with the Alert Service Bulletin.

**Compliance:**

The visual inspection must be accomplished after the last flight of the day and must be repeated every 15 flight hours (FH) until the replacement of nuts and bearing pins by modified nuts and bearing pins has been accomplished.

**Technical publication of the manufacturer:**

Eurocopter Deutschland Alert Service Bulletin No. EC 135-62A-005 dated July 01, 1999 which becomes herewith part of this AD and must be obtained from Messrs.:

Eurocopter Deutschland  
P.O. Box

D-81663 München  
Federal Republik of Germany

Phone: + 49 (0) 89 6000-9137  
Fax: + 49 (0) 89 6000 6060

**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 Luftfahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig.