



**Airworthiness  
Directive  
1999-102/2**

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

**Eurocopter Deutschland**

Effective Date: March 05, 1999

**Affected:**

Kind of aeronautical product: Helicopter  
Manufacturer: Eurocopter Deutschland  
Type: EC135  
Models affected: All  
Serial numbers affected: 0005 through 0095  
German Type Certificate No.: 3061

**URGENT AIRWORTHINESS DIRECTIVE**

**Subject:**

Fuselage - Tail Boom - Bearing-Location No. 1 of the Tail Rotor Shaft - Roller Bearing Attachment Hardware (ATA: 53).

**Reason:**

Loose roller bearing attachment hardware, and a separated screw head bold of the roller bearing attachment hardware was found on Eurocopter Deutschland EC135 series helicopters. This unsafe condition could result in a tail rotor drive shaft failure at bearing location No. 1, and consequent structure damage and the loss of control of the helicopter.

**Action:**

1. Perform a one time inspection of the roller bearing attachment hardware at bearing location No. 1 of the tail rotor drive shaft in accordance with the Eurocopter Alert Service Bulletin EC 135-53A-008; or; Alert Service Bulletin EC 135 135-53A-008 with revised page 1 of Revision 01. If any discrepancy is detected, replace the screw connections in accordance with the Alert Service Bulletin.
2. Replace the screw connections of the affected attachment hardware with modified parts in accordance with a method approved by the Luffahrt-Bundesamt.

**Compliance:**

PRIOR TO FURTHER FLIGHT after receipt of this AD, unless already accomplished in accordance with superseded AD 1999-102, perform the actions required by paragraph 1 of this AD.

Note: The Luffahrt-Bundesamt permits a flight to the nearest location, where the requirements of the paragraph 1 can be accomplished.

Within 75 flight hours after the accomplishment of the actions of paragraph 1, perform the replacement as required by paragraph 2.

**Technical publication of the manufacturer:**

Eurocopter Alert Service Bulletin EC 135-53A-008, dated March 2, 1999, and Revision 01, dated March 5, 1999, which becomes herewith part of this AD. The service information referenced in this Airworthiness Directive may be obtained from manufacturer Eurocopter Deutschland GmbH, P.O. Box 801140, D-81663 München, Federal Republic of Germany; Telephone +49-89-6000-7630 and Fax +49-89-6000-3309.

**This AD supersedes AD 1999-102, dated 03.03.1999.**

**This urgent AD 1999-102/2, issued on 05.03.1999, becomes effective upon receipt.**

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