



**Airworthiness
Directive
2002-396/2**

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

Eurocopter Deutschland

Effective Date: March 20, 2003

Affected:

Kind of aeronautical product: Helicopter
Manufacturer: Eurocopter Deutschland, Ottobrunn, Germany
Type: EC 135
Models affected: all
Serial numbers affected: 0005 up to 0249
- affected components / spare parts: main rotor actuators P/N
L673M20A1005 (S/N 0020, 0026 up to 0029)
German Type Certificate No.: 3061

Subject:

- Cancellation Notice -

Flight Control - Main Rotor - Hydraulic Actuators - Check of the Serial Number of and, if necessary, replacement of the Main Rotor Actuator

Reason:

The manufacturer of the main rotor actuators has informed us that, due to a production failure, several main rotor actuators have been fitted with control spool valves in which a bore is missing. The absence of this bore causes the loss of the by-pass function of the spool control valve in case of a jamming in the principal spool sleeve interaction.

In the unlikely case of a jammed principal spool valve this may lead to the loss of the control capability in the affected axis.

Action:

The reason for the technical problem is no longer existing.
This Revision cancels the instructions given in Airworthiness Directive No. 2002-396.

Compliance:

With immediate effect.

Technical publication of the manufacturer:

- none -

Note:

This AD supersedes the AD-No. 2002-396 dated December 12, 2002.

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

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

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.

An appeal to this notice may be raised within a period of one month following notification. Appeals are to be raised with the Luftfahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig, in writing or for the purpose of drawing up minutes.