



**Airworthiness  
Directive  
2001-281**

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

**Eurocopter Deutschland**

**Effective Date: October 18, 2001**

**Affected:**

Kind of aeronautical product: Helicopter  
Manufacturer: Eurocopter Deutschland, München, Germany  
Type: BO 105  
Models affected: all, except BO 105 CB-5, CBS-5, DBS-5, CB-3 and CBS-5 KLH  
Serial numbers affected: all  
German Type Certificate No.: 3025

**Subject:**

Main Rotor P/N 105-14101 – Implementation of a calendar life limit for tension-torsion-straps 2602559 and 2606576

**Reason:**

The life limits valid up to now for tension-torsion-straps 2602559 and 2606576 are supplemented by a calendar life limit of 10 years. Tension-torsion-straps 2602559 and 2606576 are no longer available from the manufacturer as spare parts. In order to enable the installation of the alternatively tension-torsion-straps 2604067 or J17322-1, a retrofit modification of the main rotor head is to be accomplished.

**Action:**

Find out the total time in service of the installed tension-torsion-straps. If necessary: exchange the tension-torsion-straps and modify the main rotor head in accordance with the instructions of the Alert Service Bulletin.

**Compliance:**

Action must be done within the next 4 weeks.

**Technical publication of the manufacturer:**

Eurocopter Deutschland BO 105 Alert Service Bulletin No. ASB-BO 105-10-115 dated June 25, 2001 which becomes herewith part of this AD and must be obtained from Messrs.:

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P.O. Box

D-81663 München  
Federal Republic of Germany

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

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

Action 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 must be submitted in writing or registered at the Luftfahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig.