



**Airworthiness  
Directive  
D-2005-414**

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

**Effective Date: 24. November 2005**

**Eurocopter Deutschland**

**Affected:**

Kind of aeronautical product: Helicopter  
Manufacturer: Eurocopter Deutschland, Ottobrunn, Germany  
Type: EC 135  
Models affected: all  
Serial numbers affected: all, equipped with removable and/or fixed part of emergency flotation system version I  
German Type Certificate No.: 3061

**Subject:**

Landing Gear – Emergency Flotation System – Assembly of new removable parts of the emergency flotation system version II.

**Reason:**

The Luftfahrt-Bundesamt which is responsible for ECD development is of the opinion that the removable part of the ECD emergency flotation system version I does no longer meet its requirements because of the increased admissible maximum take-off weight of the EC135 models.

Due to this reason all removable parts of the emergency flotation system version I must be replaced with the removable parts of emergency flotation system version II which also includes all optional pieces of equipment that have become incompatible after retrofitting.

**Action:**

Remove removable part of emergency flotation system version I. Install removable parts of emergency flotation system version II. Install all components relevant for the emergency flotation system version II.

The actions must be performed in accordance with the instructions of the referenced Service Bulletin.

**Compliance:**

The action must be done within the next 4 weeks.

**Technical publication of the manufacturer:**

Eurocopter Deutschland EC135 Alert Service Bulletin No. EC135-32A-010 dated 13. September 2004 which becomes herewith part of this AD and must be obtained from Messrs.:

Eurocopter Deutschland  
P.O. Box  
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 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

Enquiries regarding this Airworthiness Directive should be referred to Mr. Olaf Schneider, Airworthiness Directive Section at the above address, fax-no. 0049 531/2355-720. Please note, that in case of any difficulty, reference should be made to the German issue!

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.

**EASA-Approval**

Approved by the European Aviation Safety Agency (EASA) under approval number 2005-6414 on 24 November 2005.