



**Airworthiness  
Directive  
2000-270**

**Luftfahrt-Bundesamt**  
Airworthiness Directive Section  
Hermann-Blenk-Str. 26  
38108 Braunschweig  
G E R M A N Y

**EUROCOPTER DEUTSCHLAND**

**Effective Date: 04 August 2000**

**Affected:**

Kind of aeronautical product: Helicopter  
Manufacturer: EUROCOPTER DEUTSCHLAND, Post-Box, 81663 München, GERMANY  
Type: EC 135  
Models affected: all  
Serial numbers affected: all EC 135, S/N 0005 up to and including S/N 0169 equipped with air conditioning system, except:  
S/N 0030, 0076, 0093, 0098, 0102, 0104, 0106, 0108, 0110, 0111, 0113, 0114, 0116, 0117, 0119, 0121, 0145, 0146, 0148, 0150, 0152, 0155  
German Type Certificate No.: 3061

**Subject:**

Air Conditioning System, electrical Wiring, ATA-Code 21-00-00, Installation of an insulating mat in the area of the spring resistor

**Reason:**

In an EUROCOPTER DEUTSCHLAND helicopter EC135, the spring resistor located in the pallet (compressor/condensator unit) of the air conditioning system broke and one end of the spring resistor touched the floor of the pallet causing a short circuit.

The actions specified by this AD are intended to prevent a short circuit in the event of such damage which could result in smoke and fire in the helicopter.

**Action:**

The following actions are required by this Airworthiness Directive:

1. Installation of an insulating mat in the area of the spring resistor.
2. Deactivation of the air conditioning system and protection of the instrument panel against switching on of the air conditioning system.
3. Attachment of a placard on the instrument panel.

All necessary actions must be performed on the basis of the mentioned Service Bulletin of the manufacturer.

**Compliance:**

For the listed actions, the following compliance times have been laid down:

1. Within the next 25 flight hours.
2. If the insulating mat has not been installed within the 25 flight hours after receipt of this airworthiness directive, further operation of the air conditioning system is not permitted.
3. In the scope of action no. 2.

**Technical publication of the manufacturer:**

EUROCOPTER DEUTSCHLAND Alert Service Bulletin SB No. EC135-21A-002 Revision 1 dated 02 August 2000. This Service Bulletin becomes herewith part of this AD and can be obtained from:

EUROCOPTER DEUTSCHLAND  
Attn. Mr. B. Schwarze  
Post-Box  
81663 München  
Fax +49 (0) 89 6000 9137  
Phone +49 (0) 89 6000 6060

Enquiries regarding this Airworthiness Directive should be referred to Mr. Martin Borsum, 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!