



CIVIL AVIATION AUTHORITY  
CZECH REPUBLIC  
Airworthiness Division  
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## AIRWORTHINESS DIRECTIVE

**Number:** CAA-AD-003/2003

Date of issue: January 03, 2003

**Eurocopter**  
AS 350, AS 355

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### HELICOPTER – ELECTRIC HOIST (ATA 25) – MODIFICATION

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**Applicability:** The following helicopters:

- AS 350 helicopters versions B, BA, BB, B1, B2, B3 and D.

- AS 355 helicopters versions E, F, F1, F2 and N,

equipped with the optional BREEZE or TRW (or LUCAS or AIR EQUIPEMENT) 300 lb. electric hoist and hoist box 26 M part number 350A63-1136-00 (AS 350) or 350A63-1136-01 (AS 355), not modified per MOD 073190, and delivered before October 1, 2002.

**Effective date:** Upon receipt

**Compliance:** Required as indicated in DGAC AD 2002-585(A).

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*Remarks: The compliance of this AD must be recorded in Aircraft Logbook, where applicable the requirements of this AD must be integrated into Aircraft Technical Documentation. Address inquiries concerning this AD to: Civil Aviation Authority, Airworthiness Division, Ruzyně Airport, 160 08 Prague 6, Czech Republic, tel: 420 233320922, fax: 420 220562270.*

**Ing. Pavel MATOUŠEK**  
director

## **DGAC AD No.: 2002-585(A)**

### **EUROCOPTER**

#### **AS 350 and AS 355 helicopters**

BREEZE or TRW (or LUCAS or AIR EQUIPEMENT) 300 lb. • Electric hoist installation (ATA 25)

#### **1. EFFECTIVITY**

The following helicopters:

- AS 350 helicopters versions B, BA, BB, B1, B2, B3 and D.

- AS 355 helicopters versions E, F, F1, F2 and N,

equipped with the optional BREEZE or TRW (or LUCAS or AIR EQUIPEMENT) 300 lb. electric hoist and hoist box 26 M part number 350A63-1136-00 (AS 350) or 350A63-1136-01 (AS 355), not modified per MOD 073190, and delivered before October 1, 2002.

#### **2. REASON**

This Airworthiness Directive (AD) is issued following the discovery of a case of failure of the emergency release control system to operate due to an anomaly in the electrical control circuit.

#### **3. MANDATORY ACTIONS AND COMPLIANCE TIME**

The following measures are rendered mandatory from the effective date of this AD:

3.1. Aircraft equipped with a BREEZE 300 lb. electric hoist:

- No later than within the next 100 flight hours or 2 months (whichever limit is reached first), remove and modify the hoist box in compliance with the instructions described in paragraph 2.B of the EUROCOPTER Alert Service Bulletin (ASB) referenced below, applicable to the helicopter version (No. 25.00.79 for AS 350 or No. 25.00.71 for AS 355).

3.2. Aircraft equipped with a TRW (or LUCAS or AIR EQUIPEMENT) 300 lb. electric hoist:

- No later than within the next 550 flight hours or 12 months (whichever limit is reached first), or before replacing this hoist with a BREEZE hoist, remove and modify the hoist box in compliance with the instructions described in paragraph 2.B of the ASB referenced below, applicable to the helicopter version.

3.3. Hoist boxes held as spares:

- Before installing a hoist box 26 M part number 350A63-1136-00 (AS 350) or part number 350A63-1136-01 (AS 355) on an aircraft, comply with the instructions described in paragraph 2.B.2.b of the ASB referenced below, applicable to the helicopter version.

REF.: EUROCOPTER AS 350 Alert Service Bulletin No. 25.00.79

EUROCOPTER AS 355 Alert Service Bulletin No. 25.00.71.

**EFFECTIVE DATE: DECEMBER 07, 2002**