

**BUREAU VERITAS**

# **AIRWORTHINESS DIRECTIVE**

released by Direction Générale de l'Aviation Civile

*Inspections and/or modifications described below are mandatory. No person may operate a product to which this Airworthiness Directive applies except in accordance with the requirements of this Airworthiness Directive.*

Translation of "Consigne de Navigabilité"  
Réf. : 86-35-28(B)R1  
In case of any difficulty, reference should  
be made to the French original issue.

## **AEROSPATIALE HELICOPTERS AS 355 ALL MODELS**

### **ECUREUIL II/TWINSTAR**

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**Main rotor head - Roving sleeve beams**  
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The present Airworthiness Directive applies to AEROSPATIALE AS 355 helicopters (all models) fitted with roving sleeve upper and lower beams P/N 350A31.1831.04 and .05 and 350A31.1831.06 and .07.

A crack has been found in a roving sleeve beam of a DAUPHIN SA 365C helicopter. Due to the technological similarity of AS 355 and SA 365C main rotor heads and the results of investigations conducted to date, the following measures are made mandatory unless already applied.

A/ - From the effective date of the present Airworthiness Directive, the operating time limit of roving sleeve beams P/N 350A31.1831.04 and .05 and 350A31.1831.06 and .07 is reduced from 3 000 to 1 500 operating hours.

Roving sleeve beams already installed on aircraft at the effective date of the present Airworthiness Directive, must be removed from service according to the conditions specified in paragraphs 1 and 2 below.:

- 1/- Sleeve attach beams with 2900 or more operating hours as of March 12, 1986 :
- Remove them from service within 100 operating hours after March 12, 1986.

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July 9, 1986

**AEROSPATIALE HELICOPTERS AS 355  
ALL MODELS - ECUREUIL II/TWINSTAR**

Ref. : 86-35-28(B)R1

2/- Sleeve attach beams with less than 2900 operating hours as of March 12, 1986 must be removed from service as specified below, according to their total operating hours as of July 16, 1986.

2.1 More than 2000 hours : remove them from service within 100 operating hours after July 16 1986, without exceeding 3000 hours.

2.2 1500 to 2000 hours : remove them from service within 200 operating hours after July 16 1986, without exceeding 2100 hours.

2.3 1200 to 1500 hours : remove them from service within 300 operating hours after July 16 1986, without exceeding 1700 hours.

2.4 Less than 1200 hours : remove them from service before they reach 1500 operating hours.

B/ - Moreover, in the event of sudden or repeated occurrence of a severe tracking defect, before the next flight apply checking and corrective instructions already in force, together with the following measures :

- Remove blades and visually check that sleeve bushes are not separated.
- If any bush separation is found, remove and replace the sleeve attach beams concerned.

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Cf. AEROSPATIALE AS 355 telex service Nr. 01-13  
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The present revision 1 of the Airworthiness Directive 86-35-28(B) replaces the original edition of 05 March 1986

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EFFECTIVE DATE : 16 JULY, 1986