

**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. : 85-94-25(B)  
In case of any difficulty, reference should  
be made to the French original issue.

### **AEROSPATIALE HELICOPTERS AS 355 ALL VERSIONS (ECUREUIL II/TWINSTAR)**

#### **MAIN ROTOR SHAFT P/N 350A 37.1076.04,.05 AND .06**

It was found that a possibility of misinterpreting the monitoring directives prescribed in Airworthiness Directive n° 83-174-20(B) existed. In consequence, the following measures have been rendered mandatory (unless already complied with) :

- 1 - Within the 10 hours of flight following the effective date of the present Airworthiness Directive, perform the visual check and, if necessary, the dye penetrant check called for in paragraphs BB(1) and BB(2) of AEROSPATIALE Telex Service AS 355 N° 05-13.

Any shaft found cracked shall be removed and replaced prior to any flight.

In case of evidence of corrosion, fretting or tool marks, perform the steps required to eliminate the defect(s) prior to any flight and if necessary, return the main rotor shaft to an approved workshop, as called for in paragraph BB (2) of AEROSPATIALE Telex Service AS 355 N° 05-13.

Perform the final steps on shaft before reuse, in accordance with the instructions given in paragraph IC (3) of AEROSPATIALE Service Bulletin AS 355 N° 05-08 Revision 1 (or subsequent approved revision).

- 2 - From the effective date of the present Airworthiness Directive, perform the visual check operations without disassembly, prescribed in AS 355 AEROSPATIALE document : "Master Servicing Recommendations" Chapter 5.99, "Airworthiness Limitations" :
  - . daily (during the inspection following the last flight of the day).
  - . immediatly, after experiencing, in stabilized flight, an important vibration due to out of track blades.

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**JUNE 19, 1985**

**AEROSPATIALE HELICOPTERS AS 355  
ALL VERSIONS (ECUREUIL II/TWINSTAR)**

**Ref. : 85-94-25(B)**

NOTE : The measures prescribed in the present Airworthiness Directive, are supplementary to those called for in Airworthiness Directive 83-174-20(B) which therefore remain applicable to the main rotor shaft assemblies concerned.

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Cf. : AEROSPATIALE AS 355 TELEX SERVICE N° 05-13

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EFFECTIVE DATE : JUNE 26, 1985