

**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. : 83-202-13(B)  
In case of any difficulty, reference should  
be made to the French original issue.

### **AEROSPATIALE HELICOPTERS AS 332 SUPER PUMA (ALL MODELS)**

#### **Monitoring the forward support fitting on the tail gearbox**

The present Airworthiness Directive concerns AEROSPATIALE helicopters AS 332 (all models) which have not been modified to AMS 07.2283.

Following the detection of cracks in the forward support fitting on the tail gearbox, the following measures have been rendered mandatory :

- 1/- From the effective date of the present Airworthiness Directive and after every last flight of the day, visually inspect the tail boom pylon external structure in the tail gearbox area, in accordance with the instructions given in Work Card 05.21.00.603 of the Maintenance Manual dated 83-44 and circulated by the manufacturer AEROSPATIALE via Advance Revision No 4D.
- 2/- Using an endoscope, visually inspect the tail boom pylon internal structure in the tail gearbox area, in accordance with the instructions given in Work Card 53.10.00.606 of the Maintenance Manual dated 83.44 and circulated by the manufacturer AEROSPATIALE via Advance Revision No 4D. This inspection shall be carried out within the following periods, unless already complied with :
  - A - Within the next 50 hours of operation following the effective date of the present Airworthiness Directive, for the helicopters having accumulated 350 hours of operation or more on that date.
  - B - Before reaching 400 hours of operation for the helicopters having accumulated less than 350 hours of operation on the effective date of the present Airworthiness Directive.
  - C - Subsequently, this inspection shall be repeated at intervals not exceeding 400 hours of operation.
- 3/- In case of unbalance being found on the tail rotor, perform the following checks prior to any flight in addition to the steps called for in Work Card 05.53.00.612 :
  - visually inspect the area indicated in Work Card 05.21.00.603 of the Maintenance Manual dated 83-44 and circulated via Advance Revision No 4D.
  - using an endoscope, visually inspect the area indicated in Work Card 53.10.00.606 of the Maintenance Manual dated 83-44 and circulated via Advance Revision No 4D.
- 4/- In case of detection of a crack during one of the inspections called for in parag. 1, 2 and 3 above, remove and replace the tail gearbox forward support fitting prior to any further flight.

**EFFECTIVE DATE : DECEMBER 28, 1983**

Dec.21, 1983

**AEROSPATIALE HELICOPTERS AS 332  
SUPER PUMA (ALL MODELS)**

**Ref.: 83-202-13(B)**