

AIRWORTHINESS DIRECTIVE

released by DIRECTION GENERALE 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.: 83-095-006(B)R2

In case of any difficulty, reference should be made to the French original issue.

AEROSPATIALE AS 332 helicopters

Main rotor mast shaft

This Airworthiness Directive applies to AEROSPATIALE AS 332 helicopters, versions C, C1, L and L1, fitted with the following main rotor shafts :

- P/N 330A31.1222.05, -06 modified per AMS 07.43069
- P/N 330A31.1222.08, -09, -11 and -12.

With a view to determining whether the frequency adapter (visco-elastic shock absorbers) attachment lugs on the main rotor mast shaft are cracked, the following measures are rendered mandatory at the time limits indicated from the effective date of this Airworthiness Directive :

1. For shafts installed on MRH on which AEROSPATIALE AS 332 SB n° 62-03 (modification AMS 07.43089) has not been embodied, visually check the frequency adapter attachment lugs for cracks :
 - a) without removing the bolt, during the check after the last flight of the day or every 8 flying hours if the aircraft flies for more than 8 hours a day.
 - b) removing the bolt and the thrust washers, during the check after the last flight of the day or every 10 flying hours if the aircraft flies for more than 10 hours a day.
2. For shafts installed on MRH on which AEROSPATIALE AS 332 SB n° 62-03 (modification AMS 07.43089) has been embodied, without disassembling the components, visually check the adapter attachment yoke lugs thicknesses for cracks, during the check after the last flight of the day (irrespective of the daily flying time).

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3. If a crack is found, the main rotor hub must be replaced before flights are resumed.

Cf. : AEROSPATIALE AS 332 SB n° 05-01 R3

This revision 2 cancels and replaces AD n° 83-095-006(B)R1 dated September 19, 1990.

EFFECTIVE DATE : JUNE 8, 1983
(same as the original A.D.)