

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. : 79-254-12(B)
In case of any difficulty, reference
should be made to French original issue

AEROSPATIALE HELICOPTERS AS 350B ECUREUIL

(These helicopters are equipped with ARRIEL 1B TURBOMECA engines)

Engine monitoring : installation of a magnetic plug with warning system on engine oil system.

As a result of incidents encountered in service caused by damage to bearing in the ARRIEL engine reduction gear. The following modifications have been rendered mandatory :

- For ARRIEL 1B TURBOMECA engine : modification TU49 subject of ARRIEL TURBOMECA Service Bulletin n° 72.292.0021.
- For AEROSPATIALE AS 350B Helicopter : modification AMS 07.0615 subject of as 350 AEROSPATIALE Service Bulletin n° 77.02.

These modification shall have to be incorporated on 1st march 1980 at the latest.

Note : The incorporation of these modification eliminates the need for compliance with the directives for inspection of the magnetic plug on the engine reduction gear and engine oil pressure monitoring in flight subject of Airworthiness Directive 79-210-10 (B) dated 31/10/79 (as 350 AEROSPATIALE Service Bulletin n° 01.04).

The operating instructions applicable to this new system form the subject of temporary revision n° 4A of december 1979 to AS 350B flight manual.

In the event of landing following compliance with the emergency procedure called for in the flight manual, perform the following steps :

- Remove the magnetic plug with warning system and inspect the plus gap :
- A - In the presence of minute particles (dust) clean the magnetic plug and terminate the flight.
- B - In the presence of shining particles or dull needle-shaped fragments or in the event of malfunctioning of the electric system causing the magnetic plug warning light to remain "on", perform the maintenance operations required in accordance with the manufacturer's documentation prior to resuming the flight.

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Date : 12/19/1979

Material : AEROSPATIALE HELICOPTERS
AS 350B ECUREUIL

Reference ; 79-254-12(B)

Reference : AS350 AEROSPATIALE SERVICE BULLETIN n° 77-02
ARRIEL TURBOMECA SERVICE BULLETIN n° 72.292.0021

TURBOMECA ARRIEL SB n° 72.282.0021 is the subject of a separate ARRIEL
AIRWORTHINESS Directive ref. 79-252 (B) dated Decembre 19, 1979.

DATE OF EFFECTIVITY : JANUARY 15, 1980