

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. : 86-126-29(B)
In case of any difficulty, reference should
be made to the French original issue.

AEROSPATIALE AS 355 helicopters

Behaviour of the helicopter on the ground with rotor turning

Present A.D. applies to AEROSPATIALE AS 355 E, F, F₁, F₂ helicopters.

Three accidents of twin engine AS 355 F have been reported in which a phenomenon like a resonance on ground has been indicated occurring, in one case, after in flight vibrations.

In order to prevent similar risks, following measures are made mandatory :

1/ - Actions to be done on :

1.1./ - main rotor : check the balls as per MET work card 62.20.00.601 :

NOTE : STARFLEX arms and frequency adaptations must be checked daily.

1.2./ - MGB suspension : check the condition of :

1.2.1./ - laminate bearings as per MET work card 63.00.00.602.

1.2.2./ - MGB struts as per MET work card 63.00.00.606 completed by instructions given in paragraph C.C.B. of Telex Service AS 355 n° 01-14 A.

1.3./ - landing gear : carry out all the tasks described in paragraph C.C.C. of Telex Service AS 355 n° 01-14 A.

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2/ - Within the required time :

All this actions must be performed before the 31st OCTOBER 1986.

NOTE : MGB struts check performed as per requirements of the Telegraphic AD T86-126-29(B) may be considered as a right reply to the requirements of this AD, if all the criterias of the paragraph C.C.B. of Telex Service n° 01-14 A are taking into account.

3/ - On each helicopter on which beginning of divergent dynamic excitation (in flight or on ground with rotor running), all the following actions must be performed or again :

- check of STARFLEX arms, balls and frequency adaptators as per MET work card 62.20.00.601.
- actions described in the above paragraphs 1.2 and 1.3.

Cf. : Telex Service AEROSPATIALE AS 355 n° 01-14 A

DATE OF EFFECTIVITY : OCTOBER 15 TH, 1986