

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.: 82-62-30 (B)
In case of any difficulty, reference should
be made to the French original issue.

AEROSPATIALE HELICOPTERS - SA 341 G/SA 342 J GAZELLE

MONITORING OF FREEWHEEL FLANGE BEARING

The present airworthiness directive concerns the flanges equipped with free-wheel units P/N :

- 341A35.0110.00 before modification AMS 341A07.9536
- 341A35.0110.01 before modification AMS 341A07.9536
- 341A35.0110.02 after modification AMS 341A07.9536

With the aim of precluding deterioration in flight of the freewheel flange bearing, the following measures have been rendered mandatory :

- 1) - During the next inspection after the last flight of the day following the effective date of the present directive and thereafter during each pre or post flight inspection, perform the inspections prescribed in paragraph 1.C (1) (a) of AEROSPATIALE service bulletin GAZELLE No 05-20.

If a defect is found, remove the freewheel and replace the bearing.

- 2) - On the occasion of each periodic T1 inspection (300 hour interval) performed from the effective date of the present directive, check for play between the bearing and the freewheel flange in accordance with the instructions of paragraph 1.C (1) (b) of AEROSPATIALE service bulletin GAZELLE No 05-20.

If the play found is greater than 0.6 mm (total indicator reading), before further flight, replace the bearing and also replace the freewheel shaft and flange if measurements of their diameters exceed the maximum permissible values given in section 51.11 of the repair manual.

- 3) - On the effective date of the present directive, inform the crews about

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Date : 5.5.1982

AEROSPATIALE HELICOPTERS SA
Material : 341G/SA 342J GAZELLE

Reference : 82-62-30 (B)

contents of AEROSPATIALE service bulletin GAZELLE No 05-20 and, in particular, of paragraph 1.C (2) of this document which details the nature of the phenomena the observation of which allows detecting a defect of the freewheel bearing in flight and necessitates rapid landing as soon as the terrain allows.

Those informations will be subsequently introduced in the approved flight manuals of the helicopter models concerned, on the occasion of a future revision of these documents.

NOTE : The present directive is not applicable to the following flange assemblies :

- 341A.35.1101.00 after modification AMS 341A.07.9542
- 341A.35.0230.00 after modification AMS 341A.07.9542
- 341A.35.0230.01 after modification AMS 341A.07.9542

Ref. : AEROSPATIALE Service Bulletin GAZELLE No 05.20 and subsequent approved revisions.

EFFECTIVE DATE : MAY 12, 1982