

# 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. : 75-204-016(B)R1  
In case of any difficulty, reference should  
be made to the French original issue.

## AEROSPATIALE SA 341 G - 342 J (GAZELLE) Helicopters

### Tail rotor drive shaft

(Monitoring of steel bushings, aft bearings and attachment straps  
on tail rotor transmission system)

This Airworthiness Directive applies to SA 341 G - 342 J helicopters fitted with the following assemblies :

- horizontal drive shafts P/N 341A.34.1106.00, .01 or .03 without elastomer sleeve P/N 341A.34.1034.20 (modification AMS 07.9016) or horizontal drive shafts P/N 341A.34.1106.00, .01, .02 or .03.
- coupling shafts P/N 341A.34.1114.00, .01 or .02
- bearing attachment straps P/N 341A.34.1033.00

Subsequent to in-service reports, the following checks are rendered mandatory :

a) on receipt of this directive :

1. Mark the angular position of the steel bushings on horizontal drive shafts P/N 341A.34.1106.00, .01 and .03 with paint.
2. Visually check the bearings on horizontal drive shafts P/N 341A.34.1106.00 and .01 and coupling shafts P/N 341A.34.1114.00 (loss of grease, traces of rust, damaged seals) and remove and replace bearings as necessary.

b) During each check after the last flight of the day, make sure that the index marks made per paragraph a.1 are aligned (if one or both the bushings have rotated with respect to the tube, remove the drive shaft element and send it to a specialized shop for overhaul) and perform a visual check as described in paragraph a.2.

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August 23, 1989

AEROSPATIALE SA 341 G - 342 J  
Helicopters (GAZELLE)

Ref. : 75-204-016(B)R1

- c) Within 10 flying hours after receipt of this directive, then :
- every 50 hours for assemblies 341A.34.1106.00, .01 and 341A.34.1114.00, check bearings to ensure that there are no friction points
  - every 100 hours check condition of straps P/N 341A.34.1033.00 to ensure, that there are no cracks on inside and outside surfaces
  - every 400 hours for assemblies 341A.34.1106.02, .03 and 341A.34.1114.01, .02, check bearings 330A.34.9903 after a flight or a ground run to ensure that there are no friction points (rotate the drive shaft for approximately one minute).

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Revision 1 of this Directive supersedes the original  
A.D 75-204-16(B) dated 12/11/75

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Cf. AEROSPATIALE SA 341-342 S.B. N° 05-07, Rev. 3

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**EFFECTIVE DATE : NOVEMBER 12th, 1975**  
(date of the original A.D.)