

# AIRWORTHINESS DIRECTIVE

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*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.: 90-205-027(B)R1  
In case of any difficulty, reference should be made to the French original issue.

## EUROCOPTER FRANCE

### SA 365 N Helicopters

Tail rotor control shaft

The present Airworthiness Directive applies to SA 365 N helicopters equipped with a tail gearbox (TGB) P/N 365A33.5000.00 (pre and post modification 365A07.65B17).

With a view to discerning possible wear of the control shaft bearings, the following measures are rendered mandatory :

1. Perform the sensitive check described in paragraph 1.C.1 of the referenced EUROCOPTER FRANCE SA 365 N Service Bulletin N° 05.24 :
  - 1.1 after the last flight of the day following the effective date of Revision 1 of the present Airworthiness Directive, on TGBs which have logged at least 100 hours in service at this same date;
  - 1.2 when reaching 100 hours in service for TGBs which have logged less than 100 hours at the effective date of Revision 1 of the present Airworthiness Directive;
  - 1.3 then at intervals of no more than 100 flying hours.

**NOTE** : If there is a play, compliance with the instructions given in paragraphs 1.C.2 and 1.C.3 of the referenced Service Bulletin must be ensured before flights are resumed.

2. Perform the checks described in paragraph 1.C.2 of the referenced Service Bulletin and, if necessary, the actions described in paragraph 1.C.3 :

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- 2.1 within 50 hours in service from the effective date of Revision 1 of the present Airworthiness Directive, on TGBs which have logged at least 500 hours in service at this same date;
- 2.2 when reaching 550 hours in service for TGBs which have logged less than 500 hours in service at the effective date of Revision 1 of the present Airworthiness Directive;
- 2.3 then at intervals of no more than 550 hours;
- 2.4 before flights are resumed if metal chips are detected on the magnetic plug.

### 3. Spares

When installing a TGB which is held as a spare and which has logged at least 100 hours in service, comply with the instructions given in paragraph 1.C.1 of the referenced Service Bulletin.

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Ref : EUROCOPTER FRANCE SA 365 N Service Bulletin No 05.24

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The present Revision 1 replaces original AD 90-205-027(B) dated November 28, 1990.

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#### EFFECTIVE DATES :

Original AD : DECEMBER 08, 1990  
Revision 1 : JULY 17, 1993