

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.: 91-014-065(B)R3

In case of any difficulty, reference should be made to the French original issue.

EUROCOPTER FRANCE

SA 330 helicopters

Tail rotor head spindles

The present Airworthiness Directive applies to SA 330 helicopters, versions F, G and J, fitted with a tail rotor transmission system, all part numbers, with laminated blades (SB 01-46 R1) or metal blades (SB 01-47 R1).

Subsequent to the failure of a tail rotor head (T.R.H.) spindle in flight, the following measures are rendered mandatory :

A) Within the 30 flying hours following receipt of the original Airworthiness Directive (if this has not already been done), for tail rotor transmission systems which are installed on an aircraft and have logged at least 100 operating hours since new or since overhaul :

- Apply paragraphs 1C(1), 1C(2), 1C(3) and 1C(5) of the referenced EUROCOPTER FRANCE SA 330 Service Bulletin N° 01-46 R1 or 01-47 R1 depending on the type of blades.

B) Before installing a T.R.H. held as a spare but which has already been installed on aircraft and has logged at least 100 operating hours since new or since overhaul :

- Apply paragraphs 1C(1), 1C(2) and 1C(5) of one or other of the referenced Service Bulletins, depending on the type of blades.

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- C) Immediately if abnormal vibrations are detected on the T.R.H. and not remedied by balancing as per work card N° 65.20.602 (laminated or metal blades) :
- Apply paragraphs 1C(1), 1C(2) and 1C(5) of one or other of the referenced Service Bulletins, depending on the type of blades.
- D) 50 hours at the most after applying paragraphs 1C(1) and 1C(2) and then at intervals not exceeding 50 operating hours :
- Apply paragraphs 1C(1), 1C(2) and 1C(5) of one or other of the referenced Service Bulletins, depending on the type of blades.
- E) During each check after the last flight of the day :
- Apply paragraph 1C(5) of one or other of the referenced Service Bulletins, depending on the type of blades.

Ref. : EUROCOPTER FRANCE SA 330 Service Bulletins :
N° 01-46 R1 (laminated blades)
N° 01-47 R1 (metal blades)

The present Airworthiness Directive supersedes AD N° 91-014-065(B)R2 dated May 15, 1991.

EFFECTIVE DATES :

ORIGINAL AD : RECEIPT OF TELEGRAPHIC AD DATED
JANUARY 16, 1991
REVISION 1 : RECEIPT OF TELEGRAPHIC AD DATED
JANUARY 23, 1991
REVISION 2 : MAY 25, 1991
REVISION 3 : NOVEMBER 7, 1992