

AIRWORTHINESS DIRECTIVE

released by DIRECTION GENERALE DE L'AVIATION CIVILE

Inspection 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' ref. : 96-100-058(B)
In case of any difficulty, reference should be made to the French original issue.

EUROCOPTER FRANCE

AS 332 helicopters

Spindles and flapping hinge pins

This Airworthiness Directive applies to AS 332 helicopters, versions C, C1, L and L1 with a main rotor hub assembly that has not been modified per MOD. 07-43100 and is fitted with spindles P/N 332A31-1390-00 to -07 ; 332A31-1398-00 and flapping hinge pins P/N 332A31-1380 all dash numbers.

Further to tests which evidenced aging of the frequency adapters that creates considerable loads on the spindles and flapping hinge pins, the following measures are rendered mandatory :

1. Spindles and flapping hinge pins that have not been overhauled :
 Scrap the parts in accordance with the measures laid down in paragraph 2B of the EUROCOPTER FRANCE AS 332 Service bulletin N° 01.00.44 :
 - 1.1. Within 6 months of the effective date for this Airworthiness Directive, for spindles and flapping hinge pins that at this same date have been in service for more than 12 years since they were first installed on an aircraft.
 - 1.2. Within 18 months of the effective date for this Airworthiness Directive, for spindles and flapping hinge pins that at this same date have been in service for more than 8 years since they were first installed on an aircraft.
2. Spindles and flapping hinge pins that have been overhauled once or more than once :
 Scrap the parts in accordance with the measures laid down in paragraph 2B of the referenced Service Bulletin :
 - 2.1. Before September 1, 1996, for spindles and flapping hinge pins that, at the effective date for this Airworthiness Directive, have been in service for more than six years since their last overhaul.
 - 2.2. Before September 1, 1997, for spindles and flapping hinge pins that, at the effective date for this Airworthiness Directive, have been in service for more than four years since their last overhaul.
3. Specific Cases :
 Scrap the parts in accordance with the measures laid down in paragraph 2B of the referenced Service Bulletin :
 - 3.1. Within 6 months of the effective date for this Airworthiness Directive, for the spindle that bears the serial number FR 25012.

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V/DJ

May 22, 1996

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AS 332 helicopters

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- 3.2. Within 18 months of the effective date for this Airworthiness Directive, for the spindle that bears the serial number FR 25866.
- 3.3. Within 6 months of the effective date for this Airworthiness Directive, for the flapping hinge pins that bear the serial numbers M 243, FR 139, FR 230, M 127 and M 112.
4. From September 1, 1997 onwards, the service-life of the spindles and flapping hinge pins referenced in this Airworthiness Directive and to which the above paragraphs 1 to 3 do not apply, shall be limited to 8 years.
5. The spindles and flapping hinge pins that are referenced in this Airworthiness Directive and held as spares may be put into service providing that compliance is ensured with the limits specified in the above paragraphs 1 to 4.

REF. : EUROCOPTER FRANCE AS 332 Service Bulletin N° 01.00.44

EFFECTIVE DATE : JUNE 01, 1996