

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. : 93-112-050(B)
In case of any difficulty, reference should be made to the French original issue.

EUROCOPTER FRANCE

313-318 helicopters

Main gearbox "A" frames

The present Airworthiness Directive applies to SE 3130, SA 3180, SE 313B, SA 318B and SA 318C (ALOUETTE II and ALOUETTE ASTAZOU) helicopters fitted with main gearbox "A" frames part numbers:

- 3130S21.34.000
- 3130S21.33.000
- 3160S22.04.000 and 0001
- 3160S22.05.000 and 0001
- 315A21.04.000
- 315A21.05.000.

Further to new fatigue tests, this Airworthiness Directive fixes service-life limits for "A" frames and new or "repair" eye end-fittings and specifies the compliance requirements.

The following measures are rendered mandatory :

1. Limitations

The limitations are given in the table in paragraph 1.C of the referenced EUROCOPTER FRANCE 316-319 Service Bulletin N° 01-49 R3.

This paragraph also specifies :

- the conditions in which the eye end-fitting can be repaired by replacing the self-aligning bearing (Point 1.1 of the IMPORTANT NOTE in paragraph 1.C of the referenced Service Bulletin)
- the repairs which are prohibited (Point 1.2 of the IMPORTANT NOTE in paragraph 1.C of the referenced Service Bulletin)

and, in each case, indicates the measures to be taken (in particular as regards the repair by replacing a 19 mm diameter self-aligning bearing with another 19 mm diameter self-aligning bearing, which is no longer authorized).

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July 07, 1993

EUROCOPTER
313-318 helicopters

93-112-050(B)

2. Compliance

- 2.1** In service : Within 50 flying hours after the effective date of the present Airworthiness Directive, define the component service-life limits.
- 2.2** Spares : Before putting a new or repaired MGB "A" frame into service, define the component service-life limits.

IMPORTANT :

If, after consulting the Equipment Log Card, the Record Sheet or other "A" frame follow-up documents, it is not possible to determine the flying time since :

- "A" frame, which has a serial number preceded by the letters RO, was put into service
- or
- an eye end-fitting was replaced
- or
- a self-aligning bearing was replaced

Scrap the MGB "A" frame within 100 flying hours following the effective date of the present Airworthiness Directive.

REF : EUROCOPTER FRANCE 313-318 Service Bulletin N° 01-49 R3

EFFECTIVE DATE : JULY 17, 1993