

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. : 93-105-052(B) R2
In case of any difficulty, reference should be made to the French original issue.

EUROCOPTER FRANCE

316-319 helicopters

Main rotor blades

The present Airworthiness Directive applies to SE 3160, SA 316B, SA 316C and SA 319B (ALOUETTE III) helicopters fitted with main rotor blades part numbers :

3160S11-30-000 all dash numbers
3160S11-40-000 all dash numbers
3160S11-50-000 all dash numbers.

In order to prevent blade fatigue damage initiated by fretting corrosion due to incorrect positioning of the main rotor blade root reinforcement band, the following measures are rendered mandatory :

1. Comply with the instructions given in paragraph 2.1 of the referenced EUROCOPTER FRANCE 316-319 (ALOUETTE III) Service Bulletin N° 65-137 R1 :
 - 1.1 Before 2900 operating hours since new or since reconstruction for blades which have logged less than 2800 hours since new or since reconstruction, as applicable, at the effective date of revision 2 of the present Airworthiness Directive.
 - 1.2 Within 100 operating hours after the effective date of revision 2 of the present Airworthiness Directive for blades which, at the same date, have logged 2800 hours or more since new or since reconstruction, as applicable.
2. If the results of the checks are satisfactory (c.f. paragraph 2.1.1.a. of the referenced Service Bulletin), modify the part numbers of the blades in accordance with paragraph 2.3 of the referenced Service Bulletin and return them to service in compliance with the requirements specified in paragraph 2.4 of the same Service Bulletin.
3. If the check results are not satisfactory (c.f. paragraph 2.1.1.b. of the referenced Service Bulletin), remove the blades from service :
 - 3.1 When they have logged 3000 hours since new or since reconstruction, as applicable, for the blades subject of paragraph 1.1 above.
 - 3.2 Within the next 200 hours after the effective date of revision 2 of the present Airworthiness Directive for the blades subject of paragraph 1.2 above.

.../...

n/W

November 24, 1993

EUROCOPTER FRANCE
316-319 helicopters

93-105-052(B) R2

REF. : EUROCOPTER FRANCE 316-319 (ALOUETTE III)
Service Bulletin N° 65-137 R1

The present Revision 2 replaces AD 93-105-052(B)R1 dated September 29, 1993.

EFFECTIVE DATES :

Original issue : JULY 03, 1993
Revision 1 : DECEMBER 01, 1993
Revision 2 : DECEMBER 04, 1993