

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. : 2001-178-058(A) R1
In case of any difficulty, reference should be made to the French original issue.

EUROCOPTER

SA 313/318 helicopters

Main Gear Box - Bevel Gear (ATA 01, 63)

1. EFFECTIVITY:

SE 3130, SE 313B, SA 3180, SA 318B and SA 318C helicopters equipped with main gear box (MGB) P/N 319A62-00-000.4 with the following serial numbers:

S/N M1242, M2194, M2516, NT3488, NT3563, 3.2888, 3.3091, 3-11336.

2. REASONS:

This Airworthiness Directive is prompted following the discovery of a crack in the bevel gear of a main gear box installed on an Alouette helicopter, which may cause deterioration of the main gear box and subsequently the loss of the main rotor drive requiring an auto-rotation landing.

Revision 1 of this Airworthiness Directive covers the conversion of Alert Telex No. 01.67 into Alert Service Bulletin (ASB) No. 01.67 with no change to the technical content.

3. MANDATORY ACTIONS AND COMPLIANCE TIME:

Within 50 flight hours at the latest following the effective date of the original issue of this Airworthiness Directive and at the latest by December 31, 2001, remove the MGB and check both bevel gear faces for cracks in accordance with the instructions described in paragraph 2 of referenced EUROCOPTER Alouette II Alert Service Bulletin No. 01.67.

Reminder: In accordance with the Maintenance Manual:

1. Check the magnetic plug after the last flight of the day, without exceeding 10 flight hours between two inspections.
2. Check the main gear box oil filter at intervals not exceeding 25 flight hours.

| REF.: EUROCOPTER Alouette II Alert Service Bulletin No. 01.67.

| This Revision 1 replaces AD 2001-178-058(A) dated May 16, 2001.

EFFECTIVE DATES :

| **Original AD** : Upon receipt of TAD 2001-148-xxx(A)
 dated APRIL 20, 2001

| **Revision 1** : AUGUST 18, 2001