

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. : 2003-321(A)
In case of any difficulty, reference should be made to the French original issue.

EUROCOPTER

AS 365 N and SA 366 helicopters

Landing gear - Brace strut actuator - Corrosion (ATA 32)

1. EFFECTIVITY

- AS 365 helicopter versions: N, N1, N2 and N3,
- SA 366 helicopter version: G1,

fitted with main landing gear brace strut actuator P/N 19570-XXX (i.e. 19570-100, 19570-101, etc.).

2. REASON

This Airworthiness Directive (AD) is issued to preclude the risk of brace strut actuator failure due to extensive corrosion of the nut that secures the end-fitting to the actuator body.

3. MANDATORY ACTIONS AND COMPLIANCE TIMES

The following actions are rendered mandatory from the effective date of this AD:

Remove the brace strut actuator and comply with the instructions described in paragraph 2.B of the referenced EUROCOPTER Alert Service Bulletin (ASB) that applies to the helicopter model.

- 3.1. No later than within the next 30 days, for actuators that were installed more than 6 years ago on aircraft operated in tropical and humid, or in salt-laden atmospheric conditions.
- 3.2. No later than within the next 3 months, for actuators that were installed more than 6 years ago on aircraft operated in normal climatic conditions, or that were installed more than 4 years and less than 6 years ago on aircraft operated in tropical and humid or in salt-laden atmospheric conditions.
- 3.3. On completion of 6 years for actuators that were installed less than 6 years ago on aircraft operated in normal climatic conditions.
- 3.4. On completion of 4 years for actuators that were installed less than 4 years ago on aircraft operated in tropical and humid or in salt-laden atmospheric conditions.
- 3.5. Before installation of a brace strut actuator, held as spares, on an aircraft.

REF.: - AS 365 N Alert Service Bulletin No. 32.00.10
- SA 366 Alert Service Bulletin No. 32.07
(or any further approved Revision of these ASB).

EFFECTIVE DATE : SEPTEMBER 13, 2003