

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. : 97-145-042(AB)
In case of any difficulty, reference should be made to the French original issue.

EUROCOPTER

AS 365 N helicopters

MGB Planet gear shaft

This Airworthiness Directive applies to AS 365 N and AS 365 N1 helicopters. Further to two reports of cracks in the MGB planet gear shaft, the following measures are rendered mandatory for the MGBs P/N 365A32-6000-00, 365A32-6000-02 and 365A32-6001-00, that have not been modified per MOD 077244 (reinforced epicyclic module).

1. Checks :

- 1.1 Check the MGB magnetic plug after each flight when the rotor is stopped.
- 1.2 Check the MGB oil filter during each check after the last flight of the day, without exceeding 12 flying hours between checks.
- 1.3 Take the vibration measurements on the ground in accordance with the MET work card CT 05.53.00.221 :
 - as soon as magnetic chips are found on the MGB magnetic plug,
 - or as soon as magnetic metal chips are found in the MGB oil filter,
 - or in the event of abnormal vibrations reported by the crew.

2. Before resuming flights, remove the MGB if :

- vibrations at a frequency of 26.07 Hz are identified,
- or the total surfaces area covered by the magnetic metal chips on the plug and on the filter is equal to or greater than 50 mm².

Ref. : EUROCOPTER AS 365 N and N1 Telex Service N° 05.00.38

This Airworthiness Directive has been the subject of a "telegraphic" message on July 10, 1997.

EFFECTIVE DATE :

On receipt from JULY 10, 1997

n/DJ

July 10, 1997

EUROCOPTER
AS 365 N helicopters

97-145-042(AB)