



CIVIL AVIATION AUTHORITY
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AIRWORTHINESS DIRECTIVE

Number: CAA-AD-T-066/2002R1
Supersedes CAA-AD-T-066/2002
Date of issue: February 04, 2003
EUROCOPTER
AS 355

HELICOPTER – MAIN GEARBOX LUBRICATION PUMP (ATA 63) – INSPECTION

Applicability: AS 355 helicopters, versions E, F, F1, F2 and N equipped with main gearbox (MGB) lubrication pumps, all part numbers.

Effective date: Upon receipt.

Compliance: Required as indicated in DGAC AD T2002-331-071(A) R1.

Remarks: The compliance of this AD must be recorded in Aircraft Logbook, where applicable the requirements of this AD must be integrated into Aircraft Technical Documentation. Address inquiries concerning this AD to: Civil Aviation Authority, Airworthiness Division, Ruzyně Airport, 160 08 Prague 6, Czech Republic, tel: 420 233320922, fax: 420 220562270.

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director

DGAC AD No.: 2002-331-071(A) R1 - EUROCOPTER - AS 355 Helicopters
SUBJECT: MGB - Lubrication Pump (ATA 63)

1. EFFECTIVITY

AS 355 helicopters, versions E, F, F1, F2 and N equipped with main gearbox (MGB) lubrication pumps, all part numbers.

2. REASON

This Airworthiness Directive (AD) is issued following four reports of MGB lubrication pump deterioration. In time, the insufficiently lubricated power transmission assembly deteriorates until it causes the loss of the drive train for one or even both engines (deterioration of the combiner gearbox gears).

Revision 1 of this AD takes into account Revision 1 of the Alert Telex (AT) referenced below, with no modification to the technical content.

3. MANDATORY ACTIONS AND COMPLIANCE TIME

The following measures are rendered mandatory from the effective date of this AD at original issue:

3.1. At each check after the last flight of the day (ALF) without exceeding 10 hours between two checks, inspect the MGB magnetic plug and oil sight in compliance with the instructions described in paragraph 2.B.1 of EUROCOPTER AS 355 Alert Telex No. 05.00.40 R1 referenced below.

Depending on the result of the check, comply with the instructions given in paragraph 2.B.2 of the Alert Telex referenced below.

3.2. Before installing a main gearbox (MGB) or a pump held as spares, with flight hours (except for newly overhauled MGBs), on an aircraft, perform the operations described in paragraph 2.B.2 of the Alert Telex referenced below.

REF.: EUROCOPTER AS 355 Alert Telex No. 05.00.40 R1.

This revision 1 replaces the original AD 2002-331-071(A) dated July 10, 2002.

EFFECTIVE DATES:

Original AD: From receipt of the telegraphic AD dated JUNE 21, 2002

Revision 1: FEBRUARY 01, 2003