



CIVIL AVIATION AUTHORITY
CZECH REPUBLIC
Airworthiness Division
Airport Ruzyně, 160 08 Prague 6
Tel: 420 233320922, fax: 420 220562270

AIRWORTHINESS DIRECTIVE

Number: CAA-AD-T-096/2003
Date of issue: December 12, 2003
EUROCOPTER
AS 355

HELICOPTER – TRANSMISSIONS – MAIN GEARBOX FREE WHEEL (ATA 63)

Applicability: AS 355 helicopter versions E, F, F1, F2 and N fitted with a new MGB bevel reduction gear or a MGB bevel reduction gear newly overhauled or repaired at EUROCOPTER - MARIGNANE works, and/or a new MGB combiner gearbox or a combiner gearbox newly overhauled or repaired at EUROCOPTER -MARIGNANE works.

Effective date: Upon receipt

Compliance: Required as indicated in DGAC AD UF-2003-454.

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.

Ing. Pavel MATOUŠEK
director

DGAC AD No.: UF-2003-454

EUROCOPTER - AS 355 helicopters

SUBJECT: TRANSMISSIONS - MAIN GEARBOX (MGB) FREE-WHEEL (ATA 63)

1) EFFECTIVITY:

AS 355 helicopter versions E, F, F1, F2 and N fitted with a new MGB bevel reduction gear or a MGB bevel reduction gear newly overhauled or repaired at EUROCOPTER - MARIGNANE works, and/or a new MGB combiner gearbox or a combiner gearbox newly overhauled or repaired at EUROCOPTER -MARIGNANE works.

2) REASON:

This Airworthiness Directive (AD) is issued following a case of MGB free-wheel slippage with resulting engine shut-down due to overspeed, which occurred during the single-engine phase of an acceptance flight at the EUROCOPTER works.

3) MANDATORY ACTIONS AND COMPLIANCE TIMES:

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

- 3.1. For aircraft equipped with at least one of the dynamic components listed in paragraph 1 above, having logged less than 10 flying hours since new or overhaul or repair: flights are prohibited.
- 3.2. For aircraft equipped with the dynamic components listed in paragraph 1 above, having logged 10 flying hours or more since new or overhaul or repair: flights can be continued.
- 3.3. For dynamic components listed in paragraph 1 above, held as spares: comply with the instructions described in paragraph 3.1 or 3.2 above, according to the flying hours logged.

4) REFERENCE PUBLICATION:

EUROCOPTER AS 355 Alert Telex No. 63.00.21 (or any further approved revision to this Alert Telex).

5) EFFECTIVE DATE: Upon receipt.

6) REMARK:

For any questions concerning the technical content of the requirements in this AD, please contact: EUROCOPTER (STXD) - Aeroport Marseille Provence, 13725 Marignane Cedex - France. Phone: +33 (0)4 42 85 97 97 - Fax: +33 (0)4 42 85 99 66 E-mail: Directive.technical-support@eurocopter.com