



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

AIRWORTHINESS DIRECTIVE

Number: CAA-AD-077/2003R1

Nahrazuje CAA-AD-077/2003

Date of issue: June 08, 2004

EUROCOPTER

AS 355 E, F, F1, F2, N; AS 350 B, BA, ++

HELICOPTER – ROTOR FLIGHT CONTROLS – DOUBLE LOCKING OF THE STOP SCREWS

Applicability: This AD affects EUROCOPTER AS 350, AS 355, EC 130, AS 365, SA 366, EC 155, EC 120 listed in DGAC AD F-2003-322 R1.

Effective date: August 5, 2004

Compliance: Required as indicated in DGAC AD F-2003-322 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. This AD has been issued in accordance with F-2003-322 R1, which is approved under EASA reference No. 2004-5339.

Ing. Pavel MATOUŠEK
director

DGAC AD No.: F-2003-322 R1

EUROCOPTER

Type(s): AS 350, AS 355, EC 130, AS 365 N, SA 366, EC 155 and EC 120 helicopters

Airworthiness Directive(s) replaced: 2003-322 original issue

Rotor flight controls - Double locking of the stop screws (ATA 67)

1. EFFECTIVITY

The following helicopters:

| | |
|-------------------------------------|---|
| -AS 350 B, BA, BB, B1, B2, B3 and D | before embodiment of MOD 073206 or MOD 073102. |
| -AS 355 E, F, F1, F2 and N | Components affected: Roll, pitch and collective flight control stops. |
| -EC 130 B4 | |
| | |
| -AS 365 N, N1, N2 and N3 | before embodiment of MOD 0767B58. |
| -SA 366 G1 | Components affected: yaw channel auxiliary flight control stops. |
| -EC 155 B and B1 | control stops. |
| | |
| -EC 120 B | delivered before June 30, 2003. |
| | Components affected: roll, pitch and collective flight control stops. |

2. REASON

This Airworthiness Directive (AD) is issued to prevent the flight control stop screws from loosening, which could lead to misadjustment of the stops.

Revision 1 of this AD covers Revisions of the referenced Alert Service Bulletins (ASB), with no change to the technical content but with additional information for AS 350, AS 355 and EC 130 helicopters in the "EFFECTIVITY" paragraph.

3. MANDATORY ACTIONS AND COMPLIANCE TIMES

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

- 3.1. Within 100 flight hours, check and, if necessary, adjust the stops in compliance with the instructions described in paragraph 2.B.1. of the referenced Alert Service Bulletin (ASB) applicable to the type of helicopter.
- 3.2. Within 500 flight hours or within one year at the latest (whichever limit is reached first), seal the stop screws in compliance with the instructions described in paragraph 2.B.2. of the referenced ASB applicable to the type of helicopter.

4. REFERENCE PUBLICATIONS:

| | |
|------------------------------------|--------------------------|
| EUROCOPTER Alert Service Bulletins | AS 350 No. 67.00.25 R1 |
| | AS 355 No. 67.00.25 R1 |
| | EC 130 No. 67A004 R1 |
| | AS 365 N No. 67.00.09 R1 |
| | SA 366 No. 67.04 R1 |
| | EC 155 No. 67A003 R1 |
| | EC 120 No. 67A010 R2 |

(Any subsequent approved revision of these ASBs is acceptable).

5. EFFECTIVE DATES :

Original issue : SEPTEMBER 13, 2003

Revision 1 : June 05, 2004

6. REMARK:

For any questions concerning the technical content of the requirements in this AD, please contact:

EUROCOPTER (STXI) – Aeroport de 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

7. APPROVAL:

This AD Revision is approved under EASA reference No 2004-5339 dated May 17, 2004.