



CIVIL AVIATION AUTHORITY
CZECH REPUBLIC
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AIRWORTHINESS DIRECTIVE

Number: CAA-AD-012/2003

Date of issue: January 21 2003

Eurocopter
AS 355

HELICOPTER – ROTOR FLIGHT CONTROL – CYCLIC STICK (ATA 67) – INSPECTION/REPLACEMENT

Applicability: AS 355 helicopter versions E, F, F1, F2 and N, modified per MOD 070682 (this MOD forms the subject of EUROCOPTER AS 355 Service Bulletin No. 67.08), and before embodiment of MOD 073179. The component affected is the lower friction cup P/N 350A27-1612-20 of the cyclic stick.

Effective date: upon receipt

Compliance: Required as indicated in DGAC AD 2003-003(A)

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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DGAC AD No.: 2003-003(A)
AS 355 helicopters
Rotor flight control - Cyclic stick (ATA 67)

1. EFFECTIVITY

AS 355 helicopter versions E, F, F1, F2 and N, modified per MOD 070682 (this MOD forms the subject of EUROCOPTER AS 355 Service Bulletin No. 67.08), and before embodiment of MOD 073179.
The component affected is the lower friction cup P/N 350A27-1612-20 of the cyclic stick.

2. REASON

This Airworthiness Directive (AD) is issued following the discovery of a risk of binding in the cyclic stick "nose-up" control stop position configuration, due to uncovering of the lower friction cup causing interference with the trimming edge of the friction bowl.

3. MANDATORY ACTIONS AND COMPLIANCE TIME

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

3.1. No later than within one month, and after each readjustment of the cyclic stick longitudinal nose-up control stop, measure the cyclic stick bowl-lower friction cup overlapping in compliance with the instructions described in paragraph 2.B.1 of referenced EUROCOPTER AS 355 Alert Telex (AT) No. 67.00.24 R1.

3.2. After compliance has been ensured with paragraph 3.1. above:

- If the overlapping is correct, the cup need not be replaced.

Return the system to original configuration in compliance with the instructions described in paragraph 2.B.3 of the referenced AT.

- If the overlapping is not correct, no later than within the next 2 months, replace the cup in compliance with the instructions described in paragraph 2.B.2 of the referenced AT.

3.3. Before installing a replacement quadrant/cups assembly on aircraft, discard the lower friction cups P/N 350A27-1612-20.

REF.: EUROCOPTER AS 355 Alert Telex No. 67.00.24 R1.
EFFECTIVE DATE: On receipt from JANUARY 08. 2003