



CIVIL AVIATION AUTHORITY  
CZECH REPUBLIC  
Airworthiness Division  
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## AIRWORTHINESS DIRECTIVE

**Number: CAA-AD-012/2003R1**  
Supersedes CAA-AD-012/2003  
Date of issue: February 26, 2004  
**EUROCOPTER**  
AS 355

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

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**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:** April 15, 2004

**Compliance:** Required as indicated in DGAC AD F-2003-003 R1.

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*Remarks: The compliance of this AD must be recorded in Sailplane 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.: F-2003-003 R1**

**Issue date: February 18, 2004**

**AS 355 helicopters**

**Rotor flight control - Cyclic stick (ATA 67)**

**Airworthiness Directive(s) replaced: 2003-003 original issue**

#### **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.

Revision 1 of this AD covers the conversion of EUROCOPTER AS 355 Alert Telex No. 67.00.24 R1 into an Alert Service Bulletin (ASB) with the same number, with no change to the technical content.

#### **3. MANDATORY ACTIONS AND COMPLIANCE TIME**

The following measures are rendered mandatory from the effective date of the original issue 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 ASB 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 ASB.

- 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 ASB.

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

#### **4. REFERENCED PUBLICATION:**

EUROCOPTER AS 355 Alert Service Bulletin No. 67.00.24

(Any later approved revision of this ASB is acceptable).

#### **5. EFFECTIVE DATES:**

Original issue: Upon receipt from January 08, 2003

Revision 1: February 28, 2004

#### **6. REMARK:**

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

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#### **7. APPROVAL:**

This AD is approved under EASA reference No 2004-1054 dated February 10, 2004.