



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

AIRWORTHINESS DIRECTIVE

Number: CAA-AD-117/2004

Date of issue: November 30, 2004

EUROCOPTER
AS 355

HELICOPTER – TAIL ROTOR BLADE TRAILING EDGE TAB – INSPECTION/MODIFICATION

Applicability: AS 355 helicopters, versions E, F, F1, F2 and N, fitted with tail rotor blades PN 355A 12.0040 all dash numbers, and PN 355A 12.0050 all dash numbers, with serial numbers from 8400 to 9224 inclusive, before embodiment of Repair Sheet FR No. 238 or of Work Card 64.10.00.872 [refer to the equipment log card (FME)].

Effective date: December 01, 2004

Compliance: Required as indicated in F-2004-176.

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

AIRWORTHINESS DIRECTIVE No F-2004-176		Issue date: November 10, 2004
Direction generate de l'aviation civile France GSAC publication	This Airworthiness Directive is published by the DGAC on behalf of EASA, Airworthiness Authority of the State of Design for the affected product, part or appliance.	Translation of « Consigne de Navigabilite » of same number. In case of difficulty, reference should be made to the French issue.
	No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive, unless otherwise agreed with the Authority of the State of Registry.	
Corresponding foreign Airworthiness Directive(s): Not applicable	Airworthiness Directive(s) replaced: None	
Person in charge of airworthiness: EUROCOPTER	Type(s): AS 355 helicopters	
Type certificate(s) No. 168 TCDS No 168		
ATA chapter: 64	Subject: Tail rotor - Tail rotor blade trailing edge tab	

1. EFFECTIVITY:

AS 355 helicopters, versions E, F, F1, F2 and N, fitted with tail rotor blades PN 355A 12.0040 all dash numbers, and PN 355A 12.0050 all dash numbers, with serial numbers from 8400 to 9224 inclusive, before embodiment of Repair Sheet FR No. 238 or of Work Card 64.10.00.872 [refer to the equipment log card (FME)].

2. REASONS:

This Airworthiness Directive (AD) is issued following some reports of significant tail rotor blade trailing edge tab debonding.

The loss of the tab leads to a significant increase in the vibration level of the aircraft.

3. MANDATORY ACTIONS AND COMPLIANCE TIMES:

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

3.1. No later than within 100 flying hours without exceeding 3 months (the first limit reached is applicable), install additional rivets on the trailing edge tab of blades listed in § 1, in compliance with the instructions specified in § 2.B. of referenced EUROCOPTER AS 355 Alert Service Bulletin No. 64.00.04.

3.2. Prior to installing blades listed in § 1, held as spares, comply with the instructions specified in § 2.B. of the referenced ASB.

4. REFERENCE PUBLICATION:

EUROCOPTER AS 355 Alert Service Bulletin No. 64.00.04 "corresponds to Repair Sheet FR No. 283".

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

5. EFFECTIVE DATE:

November 20, 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 2004-10841 dated November 03, 2004.