

	AIRWORTHINESS DIRECTIVE No F-2005-033	Distribution: A	Issue date: February 16, 2005	Page : 1/2
Direction générale 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.		<i>Translation of « Consigne de Navigabilité » of same number. In case of difficulty, reference should be made to the French issue.</i>	
	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: 05, 52	Subject: Doors - Pin of the sliding door rear fitting			

1. EFFECTIVITY:

AS 355 helicopter versions E, F, F1, F2 and N, fitted with sliding door(s).

2. REASONS:

This Airworthiness Directive (AD) is issued following a case of total failure and a case of a crack discovered on the support pin of the sliding door rear roller.

The metallurgical analysis of the pins has shown a non-conformity concerning the heat treatment of the material.

3. MANDATORY ACTIONS AND COMPLIANCE TIMES:

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

3.1. Aircraft equipped with sliding doors having logged less than 90 flying hours:

- At the latest at 110 flying hours, then at intervals of no more than 110 flying hours, check the sliding door rear roller support pin in compliance with the instructions specified in § 2.B of referenced EUROCOPTER AS 355 Alert Telex (AT) No. 05.00.45.

3.2. Aircraft equipped with sliding doors having logged 90 flying hours or more:

- No later than within 20 flying hours, then at intervals of no more than 110 flying hours, comply with the instructions specified in § 2.B of the AT referenced below.

3.3. Before installation, on an aircraft, of sliding doors held as spares and having logged flying hours, comply with the instructions specified in § 2.B of the AT referenced below.

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4. REFERENCE PUBLICATION:

EUROCOPTER AS 355 Alert Telex No. 05.00.45
(Any subsequent approved revision to this AT is acceptable).

5. EFFECTIVE DATE:

Upon receipt, as from February 16, 2005.

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 2005-1378 dated February 09, 2005.

SUPERSEDED