

	AIRWORTHINESS DIRECTIVE No F-2005-043	Distribution: A	Issue date: March 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: 67	Subject: Rotor flight controls - Yaw control			

1. **EFFECTIVITY:**

AS 355 helicopter versions E, F, F1, F2 and N, fitted with stainless steel-caged ball-type controls, PNos:

- 704A 34-130-068 with automatic flight control system (pre-MOD 072771),
- 704A 34-130-086 without automatic flight control system (pre-MOD 072771).

2. **REASON:**

This Airworthiness Directive (AD) is issued following many cases of binding discovered in yaw control stainless steel-caged ball-type controls which may generate increased control loads or a feeling of seizure at the pedal units.

3. **MANDATORY ACTIONS AND COMPLIANCE TIMES:**

The following actions must be taken as from the effective date of this AD:

3.1. Aircraft having logged 2000 flying hours or more:

- No later than within 6 months, remove the stainless steel-caged ball-type control and install the new Teflon-caged ball-type control in compliance with the instructions specified in § 2. of EUROCOPTER AS 355 Alert Service Bulletin (ASB) No. 67.00.26 R1, referenced below.

3.2. Aircraft having logged less than 2000 flying hours:

3.2.1. No later than within 6 months after the aircraft has reached 2000 flying hours and at the latest by December 31, 2005, comply with the instructions specified in § 2. of the referenced ASB.

3.2.2. For aircraft that will not have logged 2000 flying hours by December 31, 2005:

- At the latest by December 31, 2005, comply with the instructions specified in § 2. of the referenced ASB.

3.3. Stainless steel-caged ball-type controls PNos. 704A34-130-068 and 704A34-130-086, held as spares, are to be returned to EUROCOPTER for exchange, by December 31, 2005.



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4. REFERENCE PUBLICATION:

EUROCOPTER AS 355 Alert Service Bulletin No. 67.00.26 R1
(Any subsequent approved revision of this ASB is acceptable).

5. EFFECTIVE DATE:

March 26, 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 2005-2236 dated March 09, 2005.

SUPERSEDED