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## AIRWORTHINESS DIRECTIVE

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On the effective date specified below, and for the reasons set out in the background section, the CASA delegate whose signature appears below revokes Airworthiness Directive (AD) AD/AS 355/86 and issues the following AD under subregulation 39.001(1) of CASR 1998. The AD requires that the action set out in the requirement section (being action that the delegate considers necessary to correct the unsafe condition) be taken in relation to the aircraft or aeronautical product mentioned in the applicability section: (a) in the circumstances mentioned in the requirement section; and (b) in accordance with the instructions set out in the requirement section; and (c) at the time mentioned in the compliance section.

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### Eurocopter AS 355 (Twin Ecureuil) Series Helicopters

**AD/AS 355/86**  
**Amdt 1**

**Tail Rotor Controls**

**6/2006**

**Applicability:** Model AS 355 E, F, F1, F2 and N, helicopters fitted with stainless steel-caged ball-type yaw controls pre-MOD 072771, part numbers:

- 704A 34-130-068 for helicopters with automatic flight control system (AFCS), but with collective-to-yaw control coupling,
- 704A 34-130-086 for helicopters without AFCS, and without collective-to-yaw control coupling.

**Requirement:**

1. Unless previously accomplished, remove the stainless steel-caged ball-type control and install the new Teflon-caged ball-type control in accordance with instructions specified in Paragraph 2 of the referenced ASB.
2. Do not install on the helicopter any stainless steel cage ball type yaw controls as identified in the Applicability section of this Directive.

*Reference Document: EUROCOPTER AS 355 Alert Service Bulletin (ASB) No. 67.00.26 R2 or subsequent EASA approved revision.*

*Note: EASA AD 2006-081 refers and supersedes DGAC AD F-2005-043.*

**Compliance:**

1. Within 30 days of the effective date of this AD.
2. From the effective date of this Directive.

This Amendment becomes effective on 8 June 2006.

**Background:** This Airworthiness Directive was issued following multiple cases of binding discovered in the stainless steel-caged ball-type yaw controls which may generate increased control loads or a feeling of seizure at the pedal units.

This amendment changes applicability with no change to the requirement.

**Eurocopter AS 355 (Twin Ecureuil) Series Helicopters**

AD/AS 355/86 Amdt 1 (continued)

The original issue of this AD became effective 9 June 2005.

A handwritten signature in black ink, appearing to read 'James Coyne', with a stylized flourish at the end.

James Coyne  
Delegate of the Civil Aviation Safety Authority

28 April 2006