
AIRWORTHINESS DIRECTIVE

For the reasons set out in the background section, the CASA delegate whose signature appears below issues the following Airworthiness Directive (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.

Eurocopter AS 355 (Twin Ecureuil) Series Helicopters**AD/AS 355/93****Main and Tail Rotors - Servo Controls****6/2007**

Applicability: Eurocopter AS 355 F, F1, F2 and N helicopters that are fitted with GOODRICH main and tail rotor servo-controls without the letter "R" marked in the inspection box of the servo-control identification plate, and whose Part Number (P/N) and Serial Number (S/N) are listed in paragraph 1.A of Eurocopter Alert Service Bulletin (ASB) AS 355 No. 67.00.28.

Requirement:

1. Check for identification of the P/N and S/N of the servo-controls installed on helicopters and on the shelves listed in paragraph 1.A of Eurocopter ASB AS 332 No. 67.00.37 or later approved revisions.
2. Remove from service those servo-controls identified as having P/N and S/N listed in paragraph 1.A of Eurocopter ASB AS 355 No. 67.00.28 or later approved revisions.
3. Do not install servo-controls with P/N and S/N as listed in paragraph 1.A Eurocopter ASB AS 355 No. 67.00.28 unless they have returned to conformity as detailed in Eurocopter ASB AS 355 No. 67.00.28 or later approved revisions.

Note: EASA AD 2007-0099 dated 11 April 2007 refers.

Compliance:

1. Within 2 months from the effective date of this AD.
2. Within 2 years from the effective date of this AD.
3. From the effective date of this AD.

This Airworthiness Directive becomes effective on 7 June 2007.

Eurocopter AS 355 (Twin Ecureuil) Series Helicopters

AD/AS 355/93 (continued)

Background: This AD is in response to a manufacturing non-conformity found on one batch of servo-control cap P/N 800137. A defective servo-control may not stop the rotation of the distributor sleeve which could cause untimely movements of the servo-controls which are used on the main and anti-torque rotors. This can lead to loss of control of the helicopter.



David Punshon
Delegate of the Civil Aviation Safety Authority

26 April 2007