AIRWORTHINESS DIRECTIVE

For the reasons set out in the background section, the CASA delegate whose signature appears below revokes Airworthiness Directive (AD) AD/A330/23 and issues the following AD under subregulation 39.1 (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.

Airbus Industrie A330 Series Aeroplanes

AD/A330/23 Elevator Servo Control Transducer Attachment Lug Inspection and FCOM Amendment

Amdt 1

Applicability: Airbus A330-200 and A330-300 series aeroplanes.


2. Perform an initial and repetitive inspections of the elevator servo controls per the requirements of Airbus SB A330-27A3115 Rev 02.

Note: DGAC AD F-2003-460 refers.

Compliance: Requirements 1 and 2: As detailed in the DGAC AD F-2003-460 with a revised effective date of this Directive.

This Amendment becomes effective on 18 March 2004.

Background: Two cases have been reported of the elevator dropping to the full down position, without ECAM warning, while the flight crew were carrying out pre-flight controls check. This occurred after hydraulic power-up and prior to engine start. The cause has been identified as cracking of the elevator servo control mode selector valve position transducer body attachment lugs. This resulted in displacement of the transducer, external hydraulic fluid leakage and subsequent loss of the corresponding hydraulic circuit.

This amendment introduces repetitive inspection of the transducer attachment and simplifies the flight control check procedures.

Original issue of this Directive became effective on 1 October 2003 and was based on DGAC Emergency AD U2003-371(B).

James Coyne
Delegate of the Civil Aviation Safety Authority

5 February 2004

The above AD is notified in the Commonwealth of Australia Gazette on 25 February 2004.