
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 39.1 (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/A330/19 Thrust Reverser - Directional Pilot Valve 8/2003 Pressure Test/Replacement

Applicability: Airbus A330 series Aeroplanes with General Electric Company (GE) CF6-80E1 series turbofan engines installed.

- Requirement:**
1. In accordance with paragraph 2.B. and 2.C. of the Accomplishment Instructions of Middle River Aircraft Systems Alert Service Bulletin (ASB) 78A5053 dated 30 October 2001, carry out a Directional Pilot Valve (DPV) assembly pressure test for leakage, and;
 - a. as necessary, replace the DPV assembly with a serviceable assembly and;
 - b. successfully accomplish a systems test of the thrust reverser; **OR**
 2. In accordance with paragraph 2.B. and 2.C. of the Accomplishment Instructions of Middle River Aircraft Systems ASB 78A5053 dated 30 October 2001, replace the DPV assembly with a serviceable assembly and successfully accomplish a systems test of the thrust reverser; **OR**
 3. In accordance with paragraph 2.B. and 2.C. of the Accomplishment Instructions of Middle River Aircraft Systems ASB 78A5053 dated 30 October 2001, deactivate the thrust reverser; and
 - a. operate the aeroplane in accordance with the conditions and limitations of the Minimum Equipment List (MEL) applicable to the registration mark of the aeroplane; and
 - b. replace the DPV assembly with a serviceable assembly and successfully accomplish a systems test of the thrust reverser.
 4. Repeat Requirements 1, or 2, or 3 of this Directive.

Airbus Industrie A330 Series Aeroplanes

AD/A330/19 (continued)

Definition of a Serviceable DPV Assembly

For the purpose of this Directive, a serviceable DPV assembly is an assembly that has either accumulated zero time-since-new (TSN), or has accumulated zero time-in-service (TIS) after having passed the tests contained in the Middle River Aircraft Systems Component Maintenance Manual GEK 85007 (78-31-51), Directional Pilot Solenoid Valve, Page Block 101, Testing and Trouble Shooting, or equivalent approved maintenance date, or has been successfully leak tested in accordance with paragraph 2.B. of the Accomplishment Instructions of Middle River Aircraft Systems ASB 78A5053 dated 30 October 2001.

Note: FAA AD 2002-06-07 Amdt 39-12684 refers.

Compliance: For Requirement 1, 1(a)&(b) or 2: Prior to exceeding 7,000 flight hours time-since-new (TSN) or 1,000 flight hours time-in-service (TIS) after the effective date of this Directive.

For Requirement 3, excluding 3(a)&(b): Prior to exceeding 7,000 flight hours time-since-new (TSN) or 1,000 flight hours time-in-service (TIS) after the effective date of this Directive.

For Requirement 3(a): Prior to further flight after deactivation of the thrust reverser in accordance with Requirement 3.

For Requirement 3(b): Within 10 days after deactivation of the thrust reverser in accordance with Requirement 3.

For Requirement 4: At intervals of not exceeding 7,000 flight hours since the last check or replacement of the DPV assembly.

This Airworthiness Directive becomes effective on 7 August 2003.

Background: This AD is prompted by a review of thrust reverser safety analyses following a report of inadvertent thrust reverser deployment on another make and model engine. The actions specified in this AD are intended to prevent inadvertent in-flight thrust reverser deployment.



Jim Coyne
Delegate of the Civil Aviation Safety Authority

26 June 2003