



CIVIL AVIATION AUTHORITY  
CZECH REPUBLIC

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## AIRWORTHINESS DIRECTIVE

**Number: CAA-AD-T-062/1999R1**

Replaces CAA-AD-T-062/1999

Date of issue: February 17, 2004

**AIRBUS**

A310, A300-600

### AIRCRAFT - THRUST REVERSER - DIRECTIONAL PILOT VALVE - INSPECTION

**Applicability:** All AIRBUS A300-600 and A310 aircraft equipped with CF6-80A3 or CF6-80C2 Engines.

**Effective date:** April 15, 2004

**Compliance:** Required as indicated DGAC AD F-1999-242-289 R1.

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*Remarks: The compliance of this AD must be recorded in Aircraft Logbook, where applicable the requirements of this AD must be integrated into Aircraft Technical Documentation. Address inquiries concerning this AD to: Civil Aviation Authority, Airworthiness Division, Ruzyně Airport, 160 08 Prague 6, Czech Republic, tel.: 420 2 33320922, fax: 420 2 20562270.*

**Ing. Pavel MATOUŠEK**  
**Director of Airworthiness Division**  
**CAA CZ**

**DGAC AD No.: F-1999-242-289 R1**

Airworthiness Directive(s) replaced: 1999-242-289 original issue

**AIRBUS**

**A310 and A300-600 aircraft**

Type certificate(s) No. 72, TCDS No 145  
ATA 78

**Subject: Thrust reverser - Directional pilot valve**

**1. EFFECTIVITY:**

All AIRBUS A300-600 and A310 aircraft equipped with CF6-80A3 or CF6-80C2 Engines.

**2. REASONS:**

This Airworthiness Directive is prompted by a recent finding of possible undetected leakage of Directional Pilot Valve (DPV) used in the Thrust Reverser (T/R) deployment on CF6-80A3 or CF6-80C2 Engines.

When associated with an open Pressure Regulating and Shutoff Valve (PRSOV) failure, this condition, if not corrected, could result in an inadvertent T/R deployment in flight.

The purpose of Revision 1 of this AD is to increase the thrust reverser DPV leak check interval from 700 flight hours to 1400 flight hours or 7000 flight hours depending on aircraft configuration regarding the third line of defense (TLOD) modification as specified in paragraph 4.1.1 of AOT A300-600-78A6016 Revision 1 or A310-78A2017 Revision 1.

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

3.1. To prevent an inadvertent T/R deployment in flight accomplish the following before June 28, 1999:

a) A300- 600 aircraft:

Perform an on-wing T/R DPV leak check in accordance with Middle River Aircraft Systems (MRAS) Service Bulletin 78A1081 (CF6-80C2) as described in paragraph 4.2. of AIRBUS AOT A300-600 78A6016 dated June 04, 1999.

b) A310 aircraft:

Perform an on-wing T/R DPV leak check in accordance with MRAS Service Bulletin 78A4022 (CF6-80A3) or 78A1081 (CF6-80C2) as described in paragraph 4.2 of AIRBUS AOT A310-78A2017 dated June 4, 1999.

If a DPV does not comply with the appropriate MRAS SB requirements, or if the DPV leak check cannot be performed before June 28, 1999:

i) deactivate the T/R following the instructions described in AIRBUS Aircraft Maintenance Manual (AMM) 78-31-00 page block 901,

ii) remove/replace the faulty DPV with one that has not been operated in revenue service since being tested per the applicable Component Maintenance Manual.

3.2. Repeat the DPV leak check and apply correctives actions if required in accordance with instructions given in AOT A300-600-78A6016 Revision 1 or A310-78A2017 Revision 1 dated December 16, 2003 at intervals not exceeding 1400 FH (for a/c not equipped with TLOD) or 7000 FH (for a/c equipped with TLOD).

**4. REFERENCE PUBLICATIONS:**

AIRBUS AOT A300-600 78A6016 dated June 4, 1 999  
AIRBUS AOT A310-78A2017 dated June 4, 1999  
AIRBUS AOT A300-600-78A6016 Revision 1 dated December 16, 2003  
AIRBUS AOT A310-78A2017 Revision 1 dated December 16, 2003.  
(Any later approved revision of these AOT's is acceptable).

MRAS SB 78A1081 (CF6-80C2)  
MRAS SB 78A4022 (CF6-80A3)  
AMM 78-31-00 page block 901.

**5. EFFECTIVE DATES:**

Original issue: Upon receipt of the telegraphic AD issued on June 07, 1999  
Revision 1: February 14, 2004.

**6. REMARK:**

For questions concerning the technical content of the requirements of this AD, contact:  
AIRBUS - Hubert Angelier - Fax: 33 5 61 93 45 80

**7. APPROVAL:**

This AD is approved under EASA reference No 2004-755 dated January 28, 2004.