



CIVIL AVIATION AUTHORITY
CZECH REPUBLIC
Airworthiness Division
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AIRWORTHINESS DIRECTIVE

Number: CAA-AD-003/2004
Replaces CAA-AD-010/2002
Date of issue: January 07, 2004
ATR
ATR 42

AIRCRAFT - THERMAL/ACOUSTICAL INSULATION MATERIALS (ATA 25) - CHANGE

Applicability: ATR 42-400 and -500 aircraft models, all serial numbers, except those on which ATR modification 5117 or 5322 (Service Bulletin (SB) ATR 42-25-0134 Revision 1) has been embodied.

Effective date: February 19, 2004

Compliance: Required as indicated DGAC AD F-2003-431.

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

DGAC AD No. F-2003-431

AD replaced: 2001-636-088, cancelled by its revision 1

ATR 42

SUBJECT: Equipment/furnishings - Thermal/acoustical insulation materials

ATA 25

1. EFFECTIVITY:

ATR 42-400 and -500 aircraft models, all serial numbers, except those on which ATR modification 5117 or 5322 (Service Bulletin (SB) ATR 42-25-0134 Revision 1) has been embodied.

2. REASONS:

After some incidents initiated by electrical short circuit behind side wall, in which the flammability characteristics of thermal/acoustical insulation material made from metallized polyethyleneteraphthalate (MPET) may have been a contributing factor, the Certification Authority decided to improve flammability standards for thermal/acoustical insulation materials.

As consequence, new requirements have been created and the MPET (also called metallized MYLAR) shall be replaced on all aeroplanes.

Although no incident has never been experienced on ATR aeroplanes equipped with MPET, the actions mandated by the present Airworthiness Directive (AD) are intended to improve the fire safety standard of the insulation blankets installed on ATR aircraft.

This AD mandates embodiement of SB ATR 42-25-0134 Revision 1 which introduces replacement of new thermal/acoustical insulation materials.

3. MANDATORY ACTIONS AND COMPLIANCE TIMES:

In order to comply with the requirements, the following measures are rendered mandatory from the effective date of this AD:

During the next "eight year calendar check" and at the latest before May 31, 2009, remove the MPET insulation blankets and replace them with the new ones in accordance with the instructions given by SB ATR 42-25-0134 Revision 1.

Aircraft on which SB ATR 42-25-0134 has been embodied at the original issue must be put in conformity with Revision 1 of SB ATR 42-25-0134 before May 31, 2009.

4. REFERENCE PUBLICATION:

Service Bulletin ATR 42-25-0134 Revision 1
Any later approved revision of this SB is acceptable.

5. EFFECTIVE DATE:

December 20, 2003

6. REMARK:

For questions concerning the technical contents of this AD's requirements, contact:
ATR - Yves OTTOGALI - Fax: 33 5 62216718

7. APPROVAL:

This AD is approved under EASA reference No 1433 dated December 02, 2003.