

	AIRWORTHINESS DIRECTIVE No F-2003-431		Distribution: B	Issue date: December 10, 2003	Page: 1/2
	This Airworthiness Directive is published by the DGAC: ☒ on behalf of EASA, the Primary Airworthiness Authority for the affected product ☐ as the Registration Airworthiness Authority for the affected aircraft			<i>Translation of "consigne de navigabilité" of same number. In case of difficulty, reference should be made to the French text.</i>	
Direction générale de l'aviation civile France GSAC publication	No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive, unless otherwise agreed with the Authority of the State of Registry.				
Corresponding foreign Airworthiness Directive(s): Not applicable		Airworthiness Directive(s) replaced: 2001-636-088, cancelled by its revision 1			
Person in charge of airworthiness: ATR		Type(s): ATR 42 aircraft			
Type certificate(s) No. 176 TCDS No. 176					
ATA chapter(s): 25		Subject: Equipment/furnishings - Thermal/acoustical insulation materials			

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 polyethyleneterephthalate (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 embodiment 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 31st, 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.

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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:

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7. APPROVAL:

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

SUPERSEDED