


<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>	
	<p><b>AD No.: 2010-0061</b></p> <p><b>Date: 31 March 2010</b></p> <p>Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EC) No 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.</p>	
<p>This AD is issued in accordance with EC 1702/2003, Part 21A.3B. In accordance with EC 2042/2003 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD, unless otherwise specified by the Agency [EC 2042/2003 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].</p>		
<p><b>Type Approval Holder's Name:</b></p> <p>ATR - GIE Avions de Transport Régional</p>	<p><b>Type/Model designation(s):</b></p> <p>ATR 42 and ATR72 aeroplanes</p>	
<p>TCDS Number: EASA A.084</p>		
<p>Foreign AD: Not applicable</p>		
<p>Supersedure : This AD supersedes EASA AD 2009-0276R1 dated 05 February 2010.</p>		
<b>ATA 26</b>	<b>Fire Protection – Halon 1211 Fire Extinguishers – Identification / Replacement</b>	
<p>Manufacturer(s):</p>	<p>ATR - GIE Avions de Transport Régional (formerly AEROSPATIALE – AERITALIA, AEROSPATIALE – ALENIA, AEROSPATIALE ATR– ALENIA, EADS ATR – ALENIA)</p>	
<p>Applicability:</p>	<p>ATR42-200, ATR42-300, ATR42-320, ATR42-400, ATR42-500, ATR72-101, ATR72-201, ATR72-102, ATR72-202, ATR72-211, ATR72-212, and ATR72-212A aeroplanes, all serial numbers, if equipped with L’Hotellier Halon 1211 (BCF) fire extinguishers, Part Number (P/N) 863521-01, serial numbers (s/n) as listed in L’Hotellier Service Bulletin (SB) 863521-26-001 Revision 2 dated 04 February 2010.</p>	
<p>Reason:</p>	<p>The Civil Aviation Authority of the United Kingdom (UK) has informed EASA that significant quantities of Halon 1211 gas, determined to be outside the required specification, have been supplied to the aviation industry for use in fire extinguishing equipment. Halon 1211 (BCF) is used in lavatory waste bin fire extinguishers and portable fire extinguishers, usually fitted or stowed in aircraft passenger cabins and flight decks.</p> <p>EASA published Safety Information Bulletin (SIB) 2009-39 on 23 October 2009 to make the aviation community aware of this safety concern.</p> <p>The results of the ongoing investigation have now established that LyonTech Engineering Ltd, a UK-based company, has supplied further consignments of Halon 1211 (BCF) to L’Hotellier that do not meet the required specification. This Halon 1211 has subsequently been used to fill certain P/N 863521-01 portable fire extinguishers that are now likely to be installed in or carried on board ATR aeroplanes.</p>	

	<p>The contaminated nature of this gas, when used against a fire, may provide reduced fire suppression, endangering the safety of the aeroplane and its occupants. In addition, extinguisher activation may lead to the release of toxic fumes, possibly causing injury to aeroplane occupants.</p> <p>For the reasons described above, EASA issued AD 2009-0276 to require the identification and removal from service of certain batches of fire extinguishers and replacement with serviceable units.</p> <p>Since that AD was issued, L'Hotellier discovered that when revising the SB to revision 1, a group of serial numbers was inadvertently deleted.</p> <p>For the reason described above, this AD retains the requirements of EASA AD 2009-0276R1, which is superseded, and expands the Applicability by referencing the corrected L'Hotellier SB 863521-26-001 Revision 2.</p>
Effective Date:	14 April 2010
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <p><b>Re-statement of AD 2009-0276R1 requirements</b>, applicable to aeroplanes with L'Hotellier fire extinguishers installed, listed by s/n in L'Hotellier SB 863521-26-001 Revision 1 dated 28 January 2010:</p> <p>(1) Within 4 months after 06 January 2010 [the effective date of EASA AD 2009-0276], accomplish the following:</p> <p>(1.1) Identify the s/n of the P/N 863521-01 fire extinguisher(s) installed or carried on board the aeroplane, and</p> <p>(1.2) If any P/N 863521-01 fire extinguisher identified by s/n as required by paragraph (1.1) of this AD is listed in L'Hotellier SB 863521-26-001, remove it from the aeroplane and replace it with a serviceable unit.</p> <p><b>New requirement of this AD</b>, applicable to aeroplanes with L'Hotellier fire extinguishers installed, s/n QL 71732 through QL 71770 inclusive:</p> <p>(2) Within 4 months after the effective date of this AD, accomplish the following:</p> <p>(2.1) Identify the s/n of the P/N 863521-01 fire extinguisher(s) installed or carried on board the aeroplane, and</p> <p>(2.2) If any P/N 863521-01 fire extinguisher identified by a s/n between QL 71732 and QL 71770 inclusive, as required by paragraph (2.1) of this AD, remove it from the aeroplane and replace it with a serviceable unit.</p> <p><b>Applicable to all aeroplanes:</b></p> <p>(3) From the effective date of this AD, do not install any fire extinguisher as identified in L'Hotellier SB 863521-26-001 Revision 2 on any aeroplane, unless it has been overhauled with compliant Halon 1211 (BCF) and re-identified, in accordance with the instructions of L'Hotellier SB 863521-26-001.</p>
Ref. Publications:	<p>L'Hotellier SB 863521-26-001 revision 2 dated 04 February 2010.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>
Remarks:	<ol style="list-style-type: none"> <li>1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.</li> <li>2. The required actions and the risk allowance have granted the issuance of a Final AD with Request for Comments, postponing the public consultation process after publication.</li> <li>3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management &amp; Research Section, Certification</li> </ol>

	<p>Directorate, EASA. E-mail: <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a>.</p> <p>4. For any question concerning the technical content of the requirements in this AD, please contact:</p> <p>ATR - GIE Avions de Transport Régional Continued Airworthiness Service Tel.: +33 (0)5 62 21 62 21 - Fax: +33 (0) 5 62 21 67 18 E-mail: <a href="mailto:continued.airworthiness@atr.fr">continued.airworthiness@atr.fr</a>.</p> <p>For information on the fire extinguishers, contact:</p> <p>L'HOTELLIER, 4 rue Henri Poincaré, 92167 ANTONY Cedex, France Telephone +33(0) 1 46 66 08 08, Fax +33(0) 1 46 66 23 24 E-mail <a href="mailto:alain.dorneau@hs.utc.com">alain.dorneau@hs.utc.com</a>.</p> <p>To obtain a copy of the referenced SB 863521-26-001, please contact L'Hotellier at <a href="mailto:Sylvie.laruffa@hs.utc.com">Sylvie.laruffa@hs.utc.com</a>.</p>
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