


EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2014-0056</p> <p>Date: 07 March 2014</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 EU 748/2012, Part 21.A.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>Design Approval Holder's Name: ATR-GIE AVIONS DE TRANSPORT RÉGIONAL</p>		<p>Type/Model designation(s): ATR 42 and ATR 72 aeroplanes</p>
TCDS Number:	EASA.A.084	
Foreign AD:	Not applicable	
Supersedure:	None	
ATA 92	Electrical Routing – Electronic Rack 120VU Shelf / Electrical Harness – Inspection / Modification	
Manufacturer(s):	ATR-GIE Avions de Transport Régional (formerly Aerospatiale – Aeritalia, Aerospatiale – Alenia, Aerospatiale ATR – ALENIA, EADS ATR – Alenia).	
Applicability:	<p>ATR 42-500 aeroplane model, from Manufacturer Serial Number (MSN) 669 to 1005 inclusive, and</p> <p>ATR 72-212A aeroplane model, MSN 773, MSN 774, from MSN 776 to 1094 inclusive, from MSN 1096 to 1099 inclusive and MSN 1101.</p>	
Reason:	<p>During inspection of an aeroplane on the production line, interference was detected between electrical harnesses (2M-2S-6M) and a bonding lead, located in zone 214, positioned above and forward of the 120VU shelf. Subsequent investigation revealed that the interference was a result of an incorrect installation of the affected bonding lead.</p> <p>This condition, if not detected and corrected, could lead to arcing and chafing, possibly resulting in an uncontrolled fire.</p> <p>To address this potential unsafe condition, ATR issued Service Bulletin (SB) ATR42-92-0025 and SB ATR72-92-1034, as applicable to aeroplane model, to provide inspection instructions.</p> <p>For the reasons described above, this AD requires a one-time inspection of the electrical harness 2M-2S-6M in zone 214 and, depending on findings, accomplishment of corrective action(s).</p>	

Effective Date:	21 March 2014
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <p>(1) Within 1 000 flight hours after the effective date of this AD, accomplish a one-time inspection of the bonding lead routing above the 120VU shelf in accordance with the instructions of ATR SB ATR42-92-0025 or SB ATR72-92-1034, as applicable to aeroplane model.</p> <p>(2) If, during the inspection as required by paragraph (1) of this AD, any damage or incorrect routing is detected, before next flight, accomplish the corrective action(s) in accordance with ATR SB ATR42-92-0025 or SB ATR72-92-1034, as applicable to aeroplane model.</p>
Ref. Publications:	<p>ATR SB ATR42-92-0025 original issue dated 07 November 2013.</p> <p>ATR SB ATR72-92-1034 original issue dated 07 November 2013.</p> <p>The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.</p>
Remarks:	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was posted on 27 January 2014 as PAD 14-022 for consultation until 24 February 2014. No comments were received during the consultation period. 3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail: ADs@easa.europa.eu. 4. For any question concerning the technical content of the requirements in this AD, please contact: 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: continued.airworthiness@atr.fr.