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| EASA | NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE |
|  | <p>PAD No.: 14-022</p> <p>Date: 27 January 2014</p> <p>Note: This Proposed Airworthiness Directive (PAD) 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>In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below. All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation closing date indicated.</p> | |
| <p>Design Approval Holder's Name:</p> <p>ATR-GIE AVIONS de TRANSPORT RÉGIONAL</p> | <p>Type/Model designation(s):</p> <p>ATR 42 and 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: | ATR42-500 and ATR72-212A aeroplanes, all Manufacturer Serial Numbers (MSN), on which ATR modification 5848 has been embodied in production, except MSN 1006, 1007, 1010, 1095, 1100 and MSN 1102 through 1118 inclusive. |
| 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. The 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: | [TBD: 14 days after final AD issue date] |

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| 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. This Proposed AD will be closed for consultation on 24 February 2014. 2. Enquiries regarding this PAD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail: ADs@easa.europa.eu. 3. For any question concerning the technical content of the requirements in this PAD, 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. |