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| <b>EASA</b>  | <b>AIRWORTHINESS DIRECTIVE</b>   |
|   | <b>AD No.: 2015-0207</b>   |
|  | <b>Date: 14 October 2015</b> <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 EU 1321/2014 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 [EU 1321/2014 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].</p> |  |
| <b>Design Approval Holder's Name:</b><br>AIRBUS  | <b>Type/Model designation(s):</b><br>A330 and A340 aeroplanes  |
| TCDS Number: EASA.A.004, EASA.A.015  |  |
| Foreign AD: Not applicable   |  |
| Supersedure: None  |  |
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| <b>ATA 52</b>  | <b>Doors – Forward Avionics Door Cross-Members – Inspection</b>  |
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| <b>Manufacturer(s):</b>  | Airbus (formerly Airbus Industrie)   |
| <b>Applicability:</b>  | <p>Airbus A330-201, A330-202, A330-203, A330-223, A330-243, A330-301, A330-302, A330-303, A330-321, A330-322, A330-323, A330-341, A330-342 and A330-343 aeroplanes, all manufacturer serial number (MSN), except those on which Airbus modification (mod) 49194 has been embodied in production.</p> <p>Airbus A340-211, A340-212, A340-213, A340-311, A340-312 and A340-313, all MSN, except those on which Airbus mod 49194 has been embodied in production.</p> <p>Airbus A340-541 and A340-642 all MSN, except those on which Airbus mod 51172 has been embodied in production.</p>  |
| <b>Reason:</b>   | <p>Cracks were reported by A330 and A340 operators, on repaired forward avionics door cross-members. Analysis revealed that after repair, a crack in the swan neck area could develop, reducing the structural integrity of the cross-members.</p> <p>This condition, if not detected and corrected, could lead to in-flight loss of the forward avionics door, possibly resulting in injury to persons on the ground.</p> <p>To address this potential unsafe condition, Airbus published Service Bulletin (SB) A330-52-3109, SB A340-52-4112 and SB A340-52-5033 to provide inspection and repair instructions.</p> <p>For the reasons described above, this AD requires inspection of the avionics door cross-members to detect any repair(s) and, depending on findings,</p> |

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|  | accomplishment of applicable corrective action(s).  |
| Effective Date:                            | 28 October 2015   |
| Required Action(s) and Compliance Time(s): | <p>Required as indicated, unless accomplished previously:</p> <p>(1) Within 600 flight cycles (FC) after the effective date of this AD, accomplish a visual inspection of the forward avionics door cross-members in accordance with the instructions of Airbus SB A330-52-3109, or Airbus SB A340-52-4112, or Airbus SB A340-52-5033 as applicable.</p> <p>A review of the aeroplane maintenance records is acceptable in lieu of the inspection as specified in the applicable Airbus SB, provided that the aeroplane configuration can be conclusively determined from that review.</p> <p>(2) If, during the inspection as required by paragraph (1) of this AD, one or more repairs are detected on any cross-member of the forward avionics door, within 600 FC after the effective date of this AD, accomplish the applicable inspection(s) and corrective action(s) in accordance with the instructions of Airbus SB A330-52-3109, or Airbus SB A340-52-4112, or Airbus SB A340-52-5033, as applicable.</p> |
| Ref. Publications:                         | <p>Airbus SB A330-52-3109 original issue dated 16 June 2015.</p> <p>Airbus SB A340-52-4112 original issue dated 16 June 2015.</p> <p>Airbus SB A340-52-5033 original issue dated 16 June 2015.</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"> <li>1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.</li> <li>2. This AD was posted on 10 September 2015 as PAD 15-119 for consultation until 08 October 2015. No comments were received during the consultation period.</li> <li>3. Enquiries regarding this AD should be referred to the Safety Information Section, Certification Directorate, EASA. E-mail: <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a>.</li> <li>4. For any question concerning the technical content of the requirements in this AD, please contact: AIRBUS – Airworthiness Office - EAL<br/>E-mail: <a href="mailto:airworthiness.A330-A340@airbus.com">airworthiness.A330-A340@airbus.com</a>.</li> </ol>   |