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| <b>EASA</b>   | <b>AIRWORTHINESS DIRECTIVE</b>  |  |
|    | <p><b>AD No : 2007-0238 R1</b></p> <p><b>Date : 26 March 2008</b></p>   |  |
| <p>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.</p> |   |  |
| <p><b>Type Approval Holder's Name :</b></p> <p>AIRBUS SAS</p>   | <p><b>Type/Model designation(s) :</b></p> <p>A310 aircraft</p>  |  |
| <p>TCDS Number: France No 145</p>   |   |  |
| <p>Foreign AD: Not applicable.</p>  |   |  |
| <p>Revision: This Airworthiness Directive (AD) revises and replaces EASA AD 2007-0238 dated 03 September 2007.</p>  |   |  |
| <p><b>ATA 53</b></p>  | <p><b>Fuselage – Upper Frame Bases – Arch Junctions from FR43 to FR46 – Modification</b></p>  |  |
| <p>Manufacturer(s):</p>   | <p>AIRBUS (formerly AIRBUS INDUSTRIE)</p>   |  |
| <p>Applicability:</p>   | <p>A310 aircraft, all certified models, all serial numbers, except for aircraft on which AIRBUS Service Bulletin (SB) A310-53-2124 original issue (AIRBUS modification 13023) has been embodied in-service.</p>   |  |
| <p>Reason:</p>  | <p>DGAC France issued AD F-2005-078 to require the modification (AIRBUS modification 13023), defined in Airbus SB A310-53-2124, to increase the service life of junctions of center box upper frame bases to upper fuselage arches. This structural modification falls within the scope of the work related to the extension of the service life of A310 aircraft and widespread fatigue damage evaluations.</p> <p>The threshold timescales for accomplishment of the tasks as defined in SB A310-53-2124 were refined and reduced. Consequently, EASA AD 2007-0238 was issued to require compliance with Revision 1 of SB A310-53-2124 at the reduced compliance times, and has superseded the requirements of DGAC France AD F-2005-078.</p> <p>Airbus has identified that, because of wrong reference material introduced in SB A310-53-2124 Revision 1, the SB instructions cannot be accomplished properly. Operators that have already tried to apply SB A310-53-2124 at Revision 1 should contact Airbus; see also Airbus SBIT ref. 914.0135/08, dated 03 March 2008.</p> <p>Consequently, this AD has been revised to exclude reference to Revision 1 of SB A310-53-2124 and requires accomplishment of the task(s) as described in the original SB A310-53-2124 instead. The reduced compliance times as introduced by AD 2007-0238 at original issue remain valid. It is expected that Airbus will re-publish a corrected version SB A310-53-2124 at Revision 2, which is likely to result in further AD action.</p> |  |

SUPERSEDED

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| Effective Date: | 17 September 2007   |
| Compliance:     | <p>Required as indicated, unless accomplished previously:</p> <p><b>Note:</b> A310-300 aircraft models with an Average Flight Time (AFT) lower than or equal to 3.17 hours are considered as A310-300 (short range); A310-300 aircraft models with an AFT higher than 3.17 hours are considered as A310-300 (long range).</p> <p><b><u>1. A310-300 series aircraft (short range):</u></b></p> <p>At the latest of the times specified in paragraphs 1.1 and 1.2 below, perform an inspection followed by cold expansion of the most fatigue sensitive fasteners holes in accordance with the instructions of SB A310-53-2124 original issue:</p> <p><b>1.1</b> Before accumulation of 26 500 Flights Cycles (FC) or 72 300 Flights Hours (FH), whichever occurs first; or</p> <p><b>1.2</b> Within the next 3 000 FC after the effective date of this directive, without exceeding 29 200 FC or 81 800 FH since first flight, whichever occurs first.</p> <p><b><u>2. A310-300 series aircraft (long range):</u></b></p> <p>At the latest of the times specified in paragraphs 2.1 and 2.2 below, perform an inspection followed by cold expansion of the most fatigue sensitive fasteners holes in accordance with the instructions of SB A310-53-2124 original issue:</p> <p><b>2.1</b> Before accumulation of 23 400 FC or 117 000 FH, whichever occurs first, or</p> <p><b>2.2</b> Within the next 3 000 FC after the effective date of this directive, without exceeding 25 800 FC or 129 000 FH since first flight, whichever occurs first.</p> <p><b><u>3. A310-203C aircraft:</u></b></p> <p>At the latest of the times specified in paragraphs 3.1 and 3.2 below, perform an inspection followed by cold expansion of the most fatigue sensitive fasteners holes in accordance with the instructions of SB A310-53-2124 original issue:</p> <p><b>3.1</b> Before accumulation of 21 100 FC or 50 400 FH, whichever occurs first, or</p> <p><b>3.2</b> Within the next 3 000 FC after the effective date of this directive, without exceeding 26 000 FC or 62 100 FH since first flight, whichever occurs first.</p> <p><b><u>4. All other A310-200 series aircraft:</u></b></p> <p>At the latest of the times specified in paragraphs 4.1 and 4.2 below, perform an inspection followed by cold expansion of the most fatigue sensitive fasteners holes in accordance with the instructions of SB A310-53-2124 original issue:</p> <p><b>4.1</b> Before accumulation of 23 400 FC or 46 800 FH, whichever occurs first, or</p> <p><b>4.2</b> Within the next 3 000 FC after the effective date of this directive, without exceeding 28 800 FC or 57 700 FH since first flight, whichever occurs first.</p> |
| References:     | AIRBUS Service Bulletin A310-53-2124 original issue.  |
| Remarks:        | <ol style="list-style-type: none"> <li>1. If requested and appropriately substantiated, EASA can accept Alternative Methods of Compliance for this AD.</li> <li>2. The original issue of this AD was posted on 03 August 2007 as PAD 07-133 for consultation until 31 August 2007. No comments were received during the consultation period.</li> <li>3. Enquiries regarding this AD should be referred to the AD Focal Point - 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 SAS – EAW (Airworthiness Office, Tel.:+ 33 5 61 93 36 96, Fax: +33 5 61 93 44 51).</li> </ol>   |