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| EASA | AIRWORTHINESS DIRECTIVE | |
|  | AD No : 2006-0332 Date: 27 October 2006 | |
| 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. | | |
| Type Approval Holder's Name : AIRBUS SAS | | Type/Model designation(s) : A330 aircraft |
| TCDS Number : EASA A.004 | | |
| Foreign AD : Not applicable. | | |
| Supersedure : Not applicable. | | |
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| ATA 53 | Fuselage – Skin – Inspection/Repair | |
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| Manufacturer(s): | AIRBUS (formerly AIRBUS INDUSTRIE) | |
| Applicability: | AIRBUS A330 aircraft, models -201, -202, -203, -223, -243, -301, -321, -322, -323, -341, -342 and -343, all serial numbers, except those on which AIRBUS modification 49144 (install rudder fly by wire) has been embodied in production. | |
| Reason: | <p>A review of the repair substantiations of the SRM has been done to take into account the latest aircraft operational data (Aircraft Weight Variant and Fatigue Flight Mission Profiles). As a result, all permanent fuselage skin (Figure 202-210/213-214) and lap joint doubler (Figure 215-216) repair principles published in the SRM chapter 53-00-11, Page Block 201 have been replaced with Oct/05 Revision by updated, simplified and harmonized repair principles.</p> <p>These updates led to the de-validation of some repairs and to reassess the repair inspection requirements. This situation if not corrected, can affect the aircraft structural integrity with a possible risk of decompression.</p> <p>In order to maintain the structural integrity, this Airworthiness Directive (AD) renders mandatory the inspection of the fuselage to identify possible permanent skin repairs and permanent longitudinal lap joint repairs and to apply the associated corrective actions.</p> | |
| Effective Date: | 06 November 2006 | |

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| Compliance: | <p>Unless already accomplished,</p> <p><u>1- For aircraft with Weight Variant (WV) greater than WV 004 and lower than or equal to WV 027 :</u></p> <p>1.1. Within 18 months after the effective date of this AD, perform a detailed visual inspection of the fuselage outer skin, - for permanent skin repairs in the area between frame (FR) 54 and FR58 and - for permanent longitudinal lap joint repairs in the area between FR53.3 and FR58 (for Section 15, between FR53.3 and FR54, only the area between Stringer "STGR" 22LH and STGR22RH upper shell), and if necessary, apply the corrective actions, in accordance with the instructions given in AIRBUS SB A330-53-3161.</p> <p>1.2. Within 18 months after the effective date of this AD, perform a detailed visual inspection of the fuselage outer skin, - for permanent skin repairs in the area between FR18 and FR38 and between FR58 and FR91, and - for permanent longitudinal lap joint repairs in the area between FR18 and FR53.3 and between FR58 and FR91 (for Section 15, between FR39 and FR53.3, only the area between STGR22LH and STGR22RH upper shell), and if necessary, apply the corrective actions, in accordance with the instructions given in AIRBUS SB A330-53-3162.</p> <p><u>2. For aircraft with WV lower than or equal to WV 004:</u></p> <p>Within 18 months after the effective date of this AD, perform a detailed visual inspection of the fuselage outer skin, - for permanent skin repairs in the area between FR18 and FR38 and between FR54 and FR91, and - for permanent longitudinal lap joint repairs in the area between FR18 and FR91 (for Section 15, between FR39 and FR54, only the area between STGR22LH and STGR22RH upper shell), and if necessary, apply the corrective actions, in accordance with the instructions given in AIRBUS SB A330-53-3162.</p> |
| Ref. Publications: | AIRBUS Service Bulletin A330-53-3161 and A330-53-3162 or any later approved revisions. |
| Remarks : | <ol style="list-style-type: none"> 1. If requested and appropriately substantiated the responsible EASA manager for the related product has the authority to accept Alternative Method of Compliance (AMOCs) for this AD. 2. This AD was posted as PAD 06-223 for consultation on 12 September 2006 with a comment period until 27 September 2006. No comments were received during the consultation period. 3. Enquiries regarding this Airworthiness Directive should be referred to the Airworthiness Directive Focal Point - Certification Directorate, EASA. E-mail: ADs@easa.europa.eu 4. For any question concerning the technical content of the requirements in this AD, please contact AIRBUS SAS –Airworthiness Office - EAL Fax: +33 5 61 93 45 80. |