


| EASA | AIRWORTHINESS DIRECTIVE | |
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|  | <p>AD No.: 2009-0084</p> <p>Date: 09 April 2009</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 EC 1702/2003, Part 21A.3B. In accordance with EC 2042/2003 Annex I, Part M.A.303, 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 21(4) exemption].</p> | | |
| <p>Type Approval Holder's Name :</p> <p>AIRBUS SAS</p> | <p>Type/Model designation(s) :</p> <p>A310, A300-600 and A300-600ST aeroplanes</p> | |
| <p>TCDS Number : France N° 145 and EASA A.014</p> | | |
| <p>Foreign AD : Not applicable</p> | | |
| <p>Supersedure : None</p> | | |
| <p>ATA 25</p> | <p>Equipment / Furnishings – Pilot and Co-pilot Seats – Deactivation of Power Movement</p> | |
| <p>Manufacturer(s):</p> | <p>Airbus (formerly Airbus Industrie)</p> | |
| <p>Applicability:</p> | <p>- A310-203, A310-203C, A310-204, A310-221, A310-222, A310-304, A310-306, A310-322, A310-324 and A310-325 aeroplanes, and</p> <p>- A300B4-601, A300B4-603, A300B4-605R, A300B4-620, A300B4-622, A300B4-622R, A300C4-605R Variant F, A300C4-620, A300F4-605R and A300F4-622R aeroplanes, and</p> <p>- A300F4-608ST aeroplanes,</p> <p>all serial numbers, if SOGERMA 2510112 series pilot- and/or 2510113 series co-pilot electrical seats are installed.</p> | |
| <p>Reason:</p> | <p>An A300-600 operator reported a recent event which occurred during the take-off roll, where a SOGERMA co-pilot seat slid back uncommanded to the end position. The seat horizontal movement actuator was replaced on the affected co-pilot seat. At the following take-off roll the same event occurred, the co-pilot seat sliding back uncommanded again. Further to these events, the inspection carried out on the two removed actuators ARTUS Part Number (P/N) RT19H4FX, revealed that the clutch was broken inside the shaft, thus unlocking the seat horizontal movement.</p> <p>An unwanted movement of pilot- or co-pilot seat in the horizontal direction is considered as potentially unsafe, especially during the take-off phase when the speed of the aeroplane is greater than 100 knots and until landing gear retraction.</p> | |

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| | <p>For the reasons described above and pending the development of a permanent solution, this AD requires the deactivation of the electrical powered SOGERMA pilot seats 2510112 series and co-pilot seats 2510113 series.</p> <p>In addition, this AD provides two (optional) interim solutions in order to restore a partial seat electrical adjustment (vertical only) or a full seat electrical adjustment (vertical and horizontal) by accomplishment of intermediate actions.</p> |
| Effective Date: | 23 April 2009 |
| Required Action(s) and Compliance Time(s): | <p>Required as indicated, unless already accomplished:</p> <ol style="list-style-type: none"> 1. Within the next 15 days after the effective date of this AD, de-activate the electrical supply of SOGERMA 2510112 series pilot seats and SOGERMA 2510113 series co-pilot seats, as installed, in accordance with the instructions of Airbus All Operators Telex (AOT) A300-25A2203 Revision 02 or AOT A300-25A6215 Revision 02 or AOT A300-25A9010 Revision 02, as applicable to aeroplane model. 2. Optional intermediate actions: <ol style="list-style-type: none"> 2.1 Restoration of vertical seat electrical adjustment: <p>Deactivation of electrical powered horizontal movement of SOGERMA 2510112 series pilot seats and/or SOGERMA 2510113 series co-pilot seats in accordance with the instructions of SOGERMA Alert Service Bulletin A2510112-25-764 original issue, allows restoration of the vertical adjustment only.</p> 2.2 Restoration of vertical and horizontal seat electrical adjustment: <p>Repetitive inspections of the switch position 'S4' and the related shim of SOGERMA 2510112 series pilot seats and/or SOGERMA 2510113 series co-pilot seats at intervals not to exceed 2 months in accordance with SOGERMA Inspection Service Bulletin 2510112-25-807 original issue, allows deactivation of both horizontal and vertical electrical movements, provided the measurement results of each inspection are within the acceptable value indicated in the SOGERMA Inspection Service Bulletin 2510112-25-807 original issue.</p> <p>Within 30 days after the first inspection, send a detailed and complete fleet inspection report, including measurement value(s) and P/N and serial number for each seat, to Airbus.</p> |
| Ref. Publications: | <p>AIRBUS AOT A310-25A2203 Revision 02, AOT A300-25A6215 Revision 02 and AOT A300-25A9010 Revision 02.</p> <p>SOGERMA Alert Service Bulletin A2510112-25-764 original issue. SOGERMA Inspection Service Bulletin 2510112-25-807 original issue.</p> <p>The use of later approved revisions of these documents is acceptable for compliance with 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. The required actions and the risk allowance have granted the issuance of a Final AD with Request for Comments, postponing the public consultation process after publication. 3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA. E-mail ADs@easa.europa.eu. 4. For any questions concerning the technical content of the requirements in this AD, please contact: AIRBUS SAS – EAW (Airworthiness Office, Telephone: + 33 5 61 93 36 96, Fax: + 33 5 61 93 44 51). |