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| EASA | AIRWORTHINESS DIRECTIVE |
|  | AD No.: 2006 - 0111 Date: 12 May 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 Registration. | |
| Type Approval Holder's Name: AIRBUS SAS | Type Model designations: A310 aircraft |
| TCDS Number: France No 145 | |
| Foreign AD: None | |
| Supersedure: None | |
| ATA 27 | Flight controls - Flaps – Inspection of transmission shaft |
| Manufacturer: | AIRBUS SAS (formerly AIRBUS INDUSTRIE) |
| Applicability: | AIRBUS A310 aircraft, all certified models and all serial numbers. |
| Reason: | <p>During High Time Equipment (HTE) reviews conducted within the scope of the A310 Aircraft Design Service Goal (DSG) extension work, the manufacturer evidenced that the splined couplings and the sliding bearings of the flap transmission system could be affected by corrosion and wear and this especially as their protective components, wiper rings and rubber gaiters could be defective.</p> <p>An inspection program developed by the manufacturer is rendered mandatory by this Airworthiness Directive (AD) to maintain the functional integrity of the flap transmission system.</p> |
| Effective Date: | 19 May 2006. |
| Compliance: | The following measures are rendered mandatory on the effective date of this AD unless already accomplished: |

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| | <ol style="list-style-type: none"> 1. Within 2,500 flight cycles following the effective date of this AD, perform the inspections of the splined couplings and the sliding bearings of the flap transmission shaft and accomplish the corrective actions, if necessary, in accordance with the instructions of AIRBUS Service Bulletin (SB) A310-27-2099. 2. Repeat this inspection in accordance with the instructions of SB A310-27-2099 at intervals not exceeding 2,500 flight cycles. 3. If a defect is observed, remove the incriminated shafts and the idlers within 400 flight cycles following the discovery of the defective items and carry out the repairs in accordance with the instructions of SB A310-27-2099. |
| Ref. Publications: | AIRBUS Service Bulletin A310-27-2099 original issue or 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 Methods of Compliance (AMOCs) for this AD. 2. This AD was posted as P-00-134 for consultation on 15 February 2006 with a comment period until 14 March 2006. No comment was raised during the consultation period. 3. Enquiries regarding this Airworthiness Directive should be referred to Mr. M. Capaccio, Airworthiness Directive Focal Point - Certification Directorate, EASA. E-mail: AD@easa.eu.int. 4. For any question concerning the technical content of the requirements in this AD, please contact AIRBUS SAS - EAW (Airworthiness Office, Ph.: +33 5 61 93 44 96; Fax: + 33 5 61 93 44 51). |