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| EASA | AIRWORTHINESS DIRECTIVE |
|  | <p>AD No.: 2009-0100</p> <p>Date: 04 May 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.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 Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive 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 14(4) exemption].</p> | |
| <p>Type Approval Holder's Name :</p> <p>MICROTURBO</p> | <p>Type/Model designation(s) :</p> <p>SAPHIR 2 Auxiliary Power Units</p> |
| TSO authorization : Letter 4188 DTA/M dated 19 July 1971 | |
| Foreign AD : Not applicable | |
| Supersedure : None | |
| ATA 49 | Auxiliary Power Unit – Exhaust Thermal Insulation – Replacement |
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| Manufacturer(s): | Microturbo |
| Applicability: | <p>Microturbo SA Saphir 2 Model 016 Auxiliary Power Units (APUs) on which the exhaust thermal insulation has been replaced since 01 January 1995.</p> <p>These APUs are known to be installed on, but are not limited to, Dassault Falcon 20 aeroplanes.</p> |
| Reason: | <p>Due to a lapse in manufacturing quality control, the exhaust thermal insulation of certain Microturbo SA Saphir 2 Model 016 APUs may not meet the approved design standard, and may fail in service. The affected part numbers are 016-33-01 (Inner Thermal Insulation), 016-33-02 (Outer Thermal Insulation) and 016-33-03 (EGT Sensor Thermal Insulation). Only parts replaced since 1995 are affected.</p> <p>This condition, if not corrected, could result in rapid deterioration and physical breakdown of the exhaust thermal insulation, leading to loss of insulation efficiency and ultimately exposure of the hot APU exhaust section and risk of fire.</p> <p>Since the issue of Safety Information Notice (SIN) 2007-23, EASA has issued AD Policy (document C.Y001-01 dated 28 July 2008), confirming the Agency to be competent to issue Mandatory Continuing Airworthiness Information to require correction of unsafe conditions resulting from production and/or maintenance deficiencies.</p> |

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| | For the reasons described above, this AD replaces SIN 2007-23, requiring the inspection and replacement of affected exhaust thermal insulation. |
| Effective Date: | 18 May 2009 |
| Required Action(s) and Compliance Time(s): | <p>Required as indicated unless accomplished previously.</p> <ol style="list-style-type: none"> 1. Within 10 APU operating hours from the effective date of this AD, if the exhaust thermal insulation has been replaced since 01 January 1995, inspect the exhaust thermal insulation for signs of deterioration. Repeat the inspection at intervals not exceeding 10 APU operating hours. If deterioration is detected, replace the exhaust thermal insulation before operating the APU again, in accordance with the accomplishment instructions in the referenced Microturbo Alert Service Bulletin. 2. Within 50 APU operating hours from the effective date of this AD, if the exhaust thermal insulation has been replaced since 01 January 1995, replace the exhaust thermal insulation in accordance with the accomplishment instructions in the referenced Microturbo Alert Service Bulletin. |
| Ref. Publications: | <p>Microturbo Alert Service Bulletin 49-11A76 Revision 1, dated 6 September 2007</p> <p>The use of later approved revisions of this document is acceptable for compliance with the 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. This AD was posted on 20 February 2009 as PAD 09-043 for consultation until 20 March 2009. The Comment Response Document can be found at http://ad.easa.europa.eu. 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 question concerning the technical content of the requirements in this AD, please contact: MICROTURBO - Support Clients, 8, Chemin du pont de Rupé, BP 62089 31019 Toulouse - Cedex 2 – FRANCE Telephone +33 (0)5 61 37 55 00; Fax: +33 (0)5 61 70 74 45 E-mail technical.support@microturbo.fr |