


EASA	NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE
	<p>PAD No.: 09-043</p> <p>Date: 20 February 2009</p> <p>Note: This Proposed Airworthiness Directive (PAD) 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>In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance/cancellation of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below. All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation closing date indicated.</p>	
Type Approval Holder's Name : MICROTURBO	Type/Model designation(s) : SAPHIR 2 Auxiliary Power Units
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
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 aircraft.</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>The observed failure mode is 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>
Effective Date:	[TBD: 14 days after final AD issue date]

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. This Proposed AD will be closed for consultation on 20 March 2009. 2. Enquiries regarding this PAD should be referred to the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA. E-mail ADs@easa.europa.eu. 3. For any question concerning the technical content of the requirements in this PAD, 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