

SERVICE INFORMATION NO. SI 42-081

NOTE: SI's are used only:
1) To distribute information from DAI to our customers.
2) To distribute applicable information/documents from our suppliers to our customers with additional information.
Typically there is no revision service for SI's. Each new information or change of that will be sent along with a new SI.

I. TECHNICAL DETAILS

1.1 Airplanes affected:

All DA 42 airplanes equipped with TAE 125-01 engines.

1.2 Subject:

EASA AD No. 2008-0128
ATA-Code: 05-00

1.3 Reason:

EASA has issued an Airworthiness Directive concerning the Operation & Maintenance Manual OM-02-01 for Thielert's TAE 125-01 engine which requires the implementation of the instructions, limitations, inspections and corrective measures as specified in issue 3, revision 5 of chapter 5 of the mentioned manual.


1.4 Information:

For detailed technical information see EASA AD No. 2008-0128 which is applicable without any further additions or restrictions.

II. OTHERS

The EASA AD No. 2008-0128 is attached to this SI.

In case of doubt contact Thielert Aircraft Engines GmbH.

EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2008-0128</p> <p>Date: 09 July 2008</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 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 14(4) exemption].</p>		
<p>Type Approval Holder's Name :</p> <p>Thielert Aircraft Engines GmbH</p>	<p>Type/Model designation(s) :</p> <p>TAE125-01 engines</p>	
<p>TCDS Number : EASA.E.055</p>		
<p>Foreign AD : Not applicable</p>		
<p>Supersedure : This AD supersedes EASA AD 2006-0044, dated 16 February 2006.</p>		
ATA 05	Time Limits / Maintenance Checks – Airworthiness Limitations – Implementation	
<p>Manufacturer(s):</p>	<p>Thielert Aircraft Engines GmbH.</p>	
<p>Applicability:</p>	<p>TAE 125-01, all serial numbers.</p> <p>These engines are known to be installed on, but not limited to, Cessna 172 and (Reims-built) F172 series (EASA STC Nr. EASA.A.S.01527); Piper PA-28 series (EASA STC Nr. EASA.A.S.01632), APEX (Robin) DR 400 series (EASA STC Nr. EASA.A.S.01380); and Diamond DA40 and DA42 aircraft.</p>	
<p>Reason:</p>	<p>As a consequence of occurrences and service experience, Thielert Aircraft Engines GmbH has amended the ALS of the Operation & Maintenance Manual OM-02-01 to include an inspection of the alternator 14V P/N 02-7150-5502R3, and a replacement of the rail pressure valve. Failure of these parts could result in in-flight shut downs of the engine(s).</p> <p>For the reasons described above, this EASA AD requires the implementation of the instructions, limitations, inspections and corrective measures as specified in issue 3 revision 5 of the chapter 5 of the OM-02-01.</p>	
<p>Effective Date:</p>	<p>23 July 2008.</p>	
<p>Required action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <p>(1) Within the next 3 months after the effective date of this AD, amend the approved engine maintenance schedule to incorporate the instructions of Chapter 5 "Airworthiness Limitations" of OM-02-01 Issue 3 Revision 5.</p>	

	(2) Thereafter, within the thresholds and intervals defined, accomplish the tasks in accordance with the instructions of Chapter 5 "Airworthiness Limitations" of OM-02-01 Issue 3 Revision 5.
Ref. Publications:	Thielert Aircraft Engines GmbH Operation & Maintenance Manual TAE 125-01 OM-02-01, Chapter 5 at Issue 3 Revision 5, dated 09 May 2008. The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.
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 May 2008 as PAD 08-060 for consultation until 16 June 2008. No comments were received during the consultation period. 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: Thielert Aircraft Engines GmbH Platanenstraße 14 D-09350 Lichtenstein, Germany Telephone +49-37204-696-0; Fax +49-37204-696-55 E-mail info@centurion-engines.com