

## SERVICE INFORMATION NO. SI D4-047

**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 send along with a new SI.

### I. TECHNICAL DETAILS

#### 1.1 Airplanes affected:

All DA 40 D aircraft

#### 1.2 Subject:

EASA AD 2006-0044  
ATA-Code: 05-00

#### 1.3 Reason:

EASA has issued an Airworthiness Directive requiring revision of the Thielert TAE125-01 Operation & Maintenance Manual No. OM 02-01, necessary maintenance actions and the inspection of the fuel feed pump of the Thielert engine.


#### 1.4 Information:

For detailed technical information see EASA Airworthiness Directive which is applicable without any further additions or restrictions.

### II. OTHERS

The EASA Airworthiness Directive No.: 2006-0044 is attached to this SI.

In case of doubt contact Thielert Aircraft Engines or Diamond Aircraft Industries.

EASA	AIRWORTHINESS DIRECTIVE	
	<p><b>AD No : 2006-0044</b></p> <p><b>Date: 15 February 2006</b></p>	
<p>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 Registry.</p>		
<p><b>Type Approval Holder's Name :</b> Thielert Aircraft Engines</p>	<p><b>Type/Model designation(s) :</b> TAE 125-01</p>	
<p>TCDS Number : LBA Germany TCDS 4631</p>		
<p>Foreign AD : not applicable</p>		
<p>Supersedure : LBA Germany D-2005-152</p>		
<p><b>ATA 05</b></p>	<p><b>Time Limits/Maintenance Checks - Revision of Chapter 5 (Airworthiness Limitation Section) of Thielert TAE 125-01 Operation &amp; Maintenance Manual OM 02-01</b></p>	
<p><b>Manufacturer(s):</b></p>	<p>Thielert Aircraft Engines</p>	
<p><b>Applicability:</b></p>	<p>TAE 125-01 – All serial numbers – Installed on, but not limited to, Part 23 aeroplanes</p>	
<p><b>Reason:</b></p>	<p>This AD is issued in conjunction with the revision of Chapter 5 of the Thielert TAE 125-01 Operation &amp; Maintenance Manual OM 02-01. The revised Chapter 5 now incorporates an additional exchange interval of 300 h for the low pressure fuel pump due to an engine in flight shut-down caused by a pump failure as a result of pinion wear.</p>	
<p><b>Effective Date:</b></p>	<p>28 February 2006</p>	
<p><b>Compliance:</b></p>	<p>Accomplish the following immediately after the effective date of this airworthiness directive:</p> <ol style="list-style-type: none"> <li>1. Revise the Thielert TAE125-01 Operation &amp; Maintenance Manual No. OM 02-01 by replacing of revision 0, 1 or 2 of the "Airworthiness Limitations Section" (Chapter 5) with revision 3 issue 3 and Perform the necessary maintenance actions as required in Chapter 5 revision 3 issue 3.</li> </ol>	

	<p>2. For all fuel pumps having accumulated less than 300 flight hours the initial fuel feed pump inspection has to be performed according Chapter 5, Rev. 3 Iss. 3.</p> <p>For all fuel pumps having accumulated between 300 and 400 flight hours the initial fuel feed pump inspection has to be performed within 14 days after the Effective Date of this airworthiness directive.</p> <p>For all fuel pumps having accumulated more than 400 flight hours the initial fuel feed pump inspection has to be performed within 3 days after the Effective Date of this airworthiness directive.</p>
Ref. Publications:	<p>Thielert TAE125-01 Operation &amp; Maintenance Manual No. OM 02-01, Chapter 5, Rev. 3 Iss. 3, dated 15 February 2006.</p> <p>Thielert Service Bulletin TM TAE 125-0010.</p>
Remarks :	<ol style="list-style-type: none"> <li>1. If requested and appropriately substantiated the responsible EASA manager for the related product has the authority to accept Alternative Method of Compliance (AMOCs) for this AD.</li> <li>2. This AD was posted as PAD 06-011 for consultation on 16 January 2006 with a comment period until 01 February 2006. The Comment Response Document can be found at <a href="http://www.easa.eu.int/home/aw_dir_en.html">http://www.easa.eu.int/home/aw_dir_en.html</a>.</li> <li>3. Enquiries regarding this AD should be addressed to Mr. M. Capaccio, AD Focal Point, Certification Directorate, EASA. E-mail <a href="mailto:ADs@easa.eu.int">ADs@easa.eu.int</a>.</li> <li>4. For any question concerning the technical content of the requirements in this AD, please contact Thielert Aircraft Engines (Ph.: +49 37204 6960; Fax +49 37204 69650)</li> </ol>