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| <b>EASA</b>                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                                                                                                                                                                                                                                                                                                                                    | <p><b>PAD No.: 08-060</b></p> <p><b>Date: 20 May 2008</b></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>                                                                                                                                                                                                            |
| 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. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Type Approval Holder's Name :</b><br><br>Thielert Aircraft Engines GmbH                                                                                                                                                                                                                                                                                                                                                          | <b>Type/Model designation(s) :</b><br><br>TAE125-01 engines                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| TCDS Number : EASA.E.055                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Foreign AD : Not applicable                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Supersedure : This Airworthiness Directive supersedes LBA AD D-2005-152 dated 7 April 2005.                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ATA 05</b>                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Time Limits / Maintenance Checks – Airworthiness Limitations – Implementation</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Manufacturer(s):                                                                                                                                                                                                                                                                                                                                                                                                                    | Thielert Aircraft Engines GmbH.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Applicability:                                                                                                                                                                                                                                                                                                                                                                                                                      | TAE 125-01, all serial numbers.<br><br>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.                                                                                                                                                                                                                                                        |
| Reason:                                                                                                                                                                                                                                                                                                                                                                                                                             | 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).<br><br>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. |
| Effective Date:                                                                                                                                                                                                                                                                                                                                                                                                                     | [TBD: 14 days after final AD issue date]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Required action(s) and Compliance Time(s):                                                                                                                                                                                                                                                                                                                                                                                          | Required as indicated, unless accomplished previously:<br>(1) Within the next 3 months after the effective date of this AD [TBD], amend the approved engine maintenance schedule to incorporate the instructions of Chapter 5 "Airworthiness Limitations" of OM-02-01 Issue 3 Revision 5.                                                                                                                                                                                                                                                                                             |

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|                    | (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: | <p>Thielert Aircraft Engines GmbH Operation &amp; Maintenance Manual TAE 125-01 OM-02-01, Chapter 5 at Issue 3 Revision 5, dated 09 May 2008.</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"> <li>1. This Proposed AD will be closed for consultation on 16 June 2008.</li> <li>2. Enquiries regarding this PAD should be referred to the Airworthiness Directives, Safety Management &amp; Research Section, Certification Directorate, EASA. E-mail <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a>.</li> <li>3. For any questions concerning the technical content of the requirements in this PAD, please contact:<br/> Thielert Aircraft Engines GmbH<br/> Platanenstraße 14<br/> D-09350 Lichtenstein, Germany<br/> Telephone +49-37204-696-0; Fax +49-37204-696-55;<br/> E-mail <a href="mailto:info@centurion-engines.com">info@centurion-engines.com</a></li> </ol> |