


EASA	NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE
	<p>PAD No.: 08-082</p> <p>Date: 16 July 2008</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 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>	
<p>Type Approval Holder's Name :</p> <p>Thielert Aircraft Engines GmbH</p>	<p>Type/Model designation(s) :</p> <p>TAE125 engines</p>
<p>TCDS Number : EASA E.055</p>	
<p>Foreign AD : Not applicable</p>	
<p>Supersedure : This PAD proposes to supersede EASA AD 2008-0130 dated 15 July 2008.</p>	
ATA 61	Propellers – Propeller Control Valve – Replacement (Life Limit)
Manufacturer(s):	Thielert Aircraft Engines GmbH.
Applicability:	TAE125-01 and TAE125-02-99 engines, all serial numbers, if installed on Diamond Aircraft Industries Model DA 42 aircraft.
Reason:	<p>In-flight engine shutdown incidents have been reported on Diamond Aircraft Industries DA 42 aircraft equipped with TAE125 engines. Preliminary investigations showed that it was mainly the result of failure of the propeller control valve. This condition, if not corrected, could lead to further cases of engine in-flight shutdown, possibly resulting in reduced control of the aircraft.</p> <p>EASA AD 2008-0130 has been published to require implementation of a life limit of 300 flight hours (FH) for the Proportional Pressure Reducing Valve 24V (propeller control valve) Part Number (P/N) NM-0000-0124501 on TAE125-01 engines and replacement of propeller control valves that have exceeded the established life limit. The same P/N valve is also installed on TAE125-02-99 engines.</p> <p>As this problem has only manifested itself on these engines as installed on Diamond Aircraft Industries DA 42 aircraft, TAE125-01 or TAE125-02-99 engines installed on other aircraft are not affected.</p> <p>For the reasons stated above, this EASA PAD proposes to retain the requirements of AD 2008-0130, which is to be superseded, and to expand the applicability to include TAE125-02-99 engines on Diamond DA 42 aircraft that have the affected valve installed.</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> <p>(1) For TAE125-01 engines, initially replace the propeller control valve P/N NM-0000-0124501 in accordance with the instructions of Thielert Aircraft Engines (TAE) Service Bulletin (SB) TM TAE125-0018 at the time indicated in Table 1 below:</p> <table border="1" data-bbox="574 349 1412 817"> <thead> <tr> <th colspan="2">Table 1</th></tr> <tr> <th>Gearbox accumulated time since new:</th><th>Compliance time:</th></tr> </thead> <tbody> <tr> <td>More than 400 FH</td><td>55 FH or during the next scheduled maintenance, whichever occurs first after 29 July 2008, the effective date of AD 2008-0130.</td></tr> <tr> <td>Less than 400 FH</td><td>Upon accumulating 300 FH (first scheduled maintenance), or within 110 FH, whichever occurs later after 29 July 2008, the effective date of AD 2008-0130.</td></tr> </tbody> </table> <p>(2) For TAE125-02-99 engines, initially replace the propeller control valve P/N NM-0000-0124501 in accordance with the instructions of TAE SB TM TAE125-1007 P1 at the time indicated in Table 2 below:</p> <table border="1" data-bbox="574 936 1412 1344"> <thead> <tr> <th colspan="2">Table 2</th></tr> <tr> <th>Gearbox accumulated time since new:</th><th>Compliance time:</th></tr> </thead> <tbody> <tr> <td>More than 400 FH</td><td>55 FH or during the next scheduled maintenance, whichever occurs first after the effective date of this AD</td></tr> <tr> <td>Less than 400 FH</td><td>Upon accumulating 300 FH (first scheduled maintenance), or within 110 FH, whichever occurs later after the effective date of this AD</td></tr> </tbody> </table> <p>(3) After compliance with paragraph (1) or (2) of this AD, as applicable to engine model, at intervals not to exceed 300 FH, replace the propeller control valve P/N NM-0000-0124501 in accordance with the instructions of TAE SB TM TAE125-0018 or SB TM TAE125-1007 P1, as applicable.</p>	Table 1		Gearbox accumulated time since new:	Compliance time:	More than 400 FH	55 FH or during the next scheduled maintenance, whichever occurs first after 29 July 2008, the effective date of AD 2008-0130.	Less than 400 FH	Upon accumulating 300 FH (first scheduled maintenance), or within 110 FH, whichever occurs later after 29 July 2008, the effective date of AD 2008-0130.	Table 2		Gearbox accumulated time since new:	Compliance time:	More than 400 FH	55 FH or during the next scheduled maintenance, whichever occurs first after the effective date of this AD	Less than 400 FH	Upon accumulating 300 FH (first scheduled maintenance), or within 110 FH, whichever occurs later after the effective date of this AD
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Ref. Publication:	<p>Thielert Aircraft Engines SB TM TAE125-0018 dated 19 June 2008 and TM TAE125-1007 P1 dated 11 July 2008.</p> <p>The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.</p>																
Remarks :	<ol style="list-style-type: none"> This Proposed AD will be closed for consultation on 30 July 2008. Enquiries regarding this PAD should be referred to the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA. E-mail ADs@easa.europa.eu. For any questions concerning the technical content of the requirements in this PAD, 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 																