

EASA	EMERGENCY AIRWORTHINESS DIRECTIVE	
	EAD No.: 2008-0027 - E Date: 13 February 2008	
Type Approval Holder's Name:		Type/Model designation(s):
Thielert Aircraft Engines		TAE125-02-99 engines
TCDS Numbers: EASA E.055		
Foreign AD: None		
Supersedure: None		
ATA 73	Engine Fuel Injection System – High-Pressure Fuel Line Bracket – Installation	
Manufacturer:	Thielert Aircraft Engines	
Applicability:	TAE125-02-99 (CENTURION 2.0) engines, all serial numbers (s/n) from 02-02-1000, up to and including s/n 02-02-2279. 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:	In-flight engine shutdown incidents were reported on aircraft equipped with a TAE125-02-99 engine. This was found to be mainly the result of a cracked high pressure fuel line between high-pressure pump and fuel rail. These cracks were caused by vibration. For the reasons stated above, this Airworthiness Directive (AD) requires the installation of a supporting bracket on all affected TAE125-02-99.	
Effective Date:	15 February 2008	
Compliance	Required as indicated, unless accomplished previously: (1) <u>Total Engine Time below 20h:</u> before achieving 30 hours total engine time or at the next engine inspection, whichever occurs first, install supporting high pressure fuel line bracket in accordance with the instructions of Thielert Aircraft Engines Service Bulletin TM TAE 125-1005 P1, Revision 1	

	<p>(2) <u>Total Engine Time above 20h:</u> within the next 10 flight hours or at the next engine inspection, whichever occurs first, install supporting high pressure fuel line bracket in accordance with the instructions of Thielert Aircraft Engines Service Bulletin TM TAE 125-1005 P1, Rev 1</p>
Ref. Publications:	<p>Thielert Aircraft Engines Service Bulletin TM TAE 125-1005 P1, Revision 1 dated 11 February 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"> 1. If requested and appropriately substantiated EASA can accept Alternative Methods of Compliance for this AD 2. The safety assessment has requested not to implement the full consultation process and an immediate publication and notification. 3. Enquiries regarding this AD should be referred to the AD Focal Point - Certification Directorate, EASA. E-mail: ad@easa.europa.eu 4. For any questions concerning the content of this PAD, please contact: Thielert Aircraft Engines Platanenstraße 14 D-09350 Lichtenstein, Germany Telephone +49-37204-696-6 Fax +49-37204-696-55; E-mail info@centurionengines.com

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