



**Airworthiness
Directive**
D-2005-229R1

Luftfahrt-Bundesamt
Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
G E R M A N Y

Thielert Aircraft Engines

Effective Date: 25 June 2005

Affected:

Kind of aeronautical product:	Aircraft Engine
Manufacturer:	Thielert Aircraft Engines GmbH, Platanenstrasse, Lichtenstein, Germany
Type:	TAE125
Models affected:	TAE125-01
Serial Numbers affected:	All Engines of the a.m. model on which a clutch is installed, which has been delivered with a "Form One" number listed in the referenced manufacturer service bulletin
German Type Certificate No.:	4631

Subject:

Loss of power in flight due to a failure of the clutch friction plate.

Reason:

An incident with a TAE125 powered aircraft due to significant loss of power in flight has been reported to the Luftfahrt-Bundesamt. An investigation performed by the manufacturer revealed a failure of the clutch friction plate. The actions specified by this Airworthiness Directive are intended to prevent loss of power in flight which could result in reduced controllability of the aircraft and possible forced landing.

Action:

This airworthiness directive requires an exchange of the clutch assembly in compliance with the manufacturer repair manual, RM-02-01, chapter 5 or an exchange of the clutch friction plate in compliance with the manufacturer repair manual, RM-02-01, chapter 56.

All necessary actions must be performed on the basis of the referenced manufacturer Service Bulletin.

Compliance:

All necessary actions must be performed before the next flight or June 30, 2005; whichever occurs first.

Technical publication of the manufacturer:

Thielert Service Bulletin No. TM TAE 125-0011 Revision 3 of 13 June 2005. This service bulletin becomes herewith part of this AD and may be obtained from:

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EASA-Approval

Approved by the European Aviation Safety Agency (EASA) under approval number EASA.E.AD.01002 on 23 June 2005.