



SUPPLEMENTAL TYPE CERTIFICATE

10014219, REV. 3

This Supplemental Type Certificate 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 and in accordance with Commission Regulation (EC) No. 1702/2003 to

THIELERT AIRCRAFT ENGINES GMBH

PLATANENSTRASSE 14
09350 LICHTENSTEIN
GERMANY

and certifies that the change in the type design for the product listed below with the limitations and conditions specified meets the applicable Type Certification Basis and environmental protection requirements when operated within the conditions and limitations specified below:

Original Product TC Number : DGAC TC NO 45
TC Holder : APEX AIRCRAFT
Model : APEX DR 400 RP, 400/120D
Model : APEX DR 400/140B
Model : APEX DR 400/180R, 400/200R

Description of Design Change:

1. Installation of TAE 125 engine
2. Installation of TAE 125-02-99 engine and installation of FADEC Backup Battery
3. Installation of TAE 125-02-114 engine

EASA Certification Basis:

The Certification Basis for the original product and the following additional or alternative airworthiness requirements are applicable to this certificate/ approval.

JAR 23, Amdt. 1 Initial Issue (not required by 21A.101, elected to comply by the applicant)

This certificate/ approval involves a change to the certificated noise and/ or emissions levels.

See Continuation Sheet(s)

For the European Aviation Safety Agency,

Date of issue: 05.04.2011

European Aviation Safety Agency
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Note:

The following numbers are listed on the certificate:
EASA old Project Number: EASA.A.S.01380, REV. 3

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Associated Technical Documentation:

For TAE 125 engine:

1. Type Design Definition TD 60-01
2. Pilot's Operating Handbook for DR400/120D/140B/180RI200R equipped with TAE 125
3. Supplemental Airplane Maintenance Manual AMM-60-01

For TAE 125-02-99 engine:

1. Type Design Definition TD 60-01 Issue 2
2. Supplemental Pilot's Operating Handbook, Doc-No. 60-0310-60021, Revision 3
3. Supplemental Airplane Maintenance Manual AMM-60-01

For TAE 125-02-114 engine:

1. Type Design Definition TD 60-01 Issue 3
 2. Supplement Pilot's Operating Handbook, Doc-No. 60-0310-60121, Initial Issue
 3. Supplement Airplane Maintenance Manual AMM-60-02S
- or later revisions of the above listed documents approved by EASA

Limitations:

Installation of TAE 125-02-114 is limited to DR 400 models with S/N 2574 and upwards.

Conditions:

Prior to installation of this modification it must be determined that the interrelationship between this modification and any other previously installed modification and/ or repair will introduce no adverse effect upon the airworthiness of the product.

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