



SUPPLEMENTAL TYPE CERTIFICATE

10034434, REV. 1

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

MT-PROPELLER ENTWICKLUNG GMBH

**FLUGPLATZSTRASSE 1
94348 ATTING
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 : EASA.IM.A.077

TC Holder : PIPER AIRCRAFT, INC.

Model : PA-46-310P

Description of Design Change:

- 1) Installation of MTV-14-D/190-17 on PA-46-310P
- 2) Installation of MTV-14-D/195-30a on PA-46-310P
- 3) Installation of MTV-14-D/195-30a on PA-46-310P equipped with TCM TSIO-550-C i.a.w. FAA STC SA00380AT
- 4) Installation of MTV-14-B/195-30b on PA-46-310P
- 5) Installation of MTV-14-B/195-30b on PA-46-310P equipped with TCM TSIO-550-C i.a.w. FAA STC SA00380AT

For installations 4 and 5 optional reduction of take-off propeller speed to 2500 rpm is included

See Continuation Sheet(s)

For the European Aviation Safety Agency,

Date of issue: 07.04.2011

European Aviation Safety Agency
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Note:

The following numbers are listed on the certificate:
EASA old Project Number: LBA STC (EMZ) SA0786 ISSUE 3, REV. 1

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EASA Certification Basis:

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

FAR 23 including Amendment 34 (not required by 21A.101, elected to comply by the applicant)

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

Associated Technical Documentation:

For installation 1 and 2:

- "Anhang zum Flughandbuch Nr. E-512", Issue 30.09.1996
- "Umrüstanweisung No E-511" Issue 30.09.1996

For installation 3:

- "Anhang zum Flughandbuch Nr. E-566", Issue 22.09.1997
- "Umrüstanweisung No. E-565", Issue 22.09.1997

For installation 4 and 5:

- Airplane Flight Manual Supplement E-1968, Revision 0 dated 06 December 2010
 - Airplane Flight Manual Supplement E-1968-1, Revision 0 dated 06 December 2010 (for propeller speed reduction to 2500 rpm)
 - Installation Instruction E-1969, Revision 0 dated 06 December 2010
 - Instructions for Continued Airworthiness E-1970, Revision 0 dated 06 December 2010
- or later revisions of the above listed documents approved by EASA

Limitations:

None

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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