



SUPPLEMENTAL TYPE CERTIFICATE

10038174, REV. 2

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 (EU) No. 748/2012 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 : FAA A8EA
TC Holder : PIPER AIRCRAFT INC.
Model : PA-31T, PA-31T1, PA-31T2
Model : PA-31T*, PA-31T1*, PA-31T2*
Model : (*)MODIFIED WITH PT6A-135 OR
Model : -135A ENGINES PER FAA STC
Model : SA00863SE

Description of Design Change:

Installation of 5-blade MTV-27-1-E-C-F-R(P)/CFR210-58d propellers

See Continuation Sheet(s)

For the European Aviation Safety Agency,

Date of issue: 09 January 2013



European Aviation Safety Agency
Carl Thomas

Certification Manager General Aviation

Note:
The following numbers are listed on the certificate:
EASA current Project Number: 0010005970-001

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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, Amendment 34 for the following paragraphs:

23.33, 23.45, 23.49, 23.51, 23.53, 23.65, 23.67, 23.75, 23.77, 23.867, 23.901, 23.933, 23.905, 23.907, 23.925, 23.937, 23.939, 23.1041, 23.1043, 23.1045, 23.1155, 23.1309, 23.1529

For aircraft modified with PT6A-135 or -135A engines per FAA STC SA00863SE, CS 23 initial issue is applicable for the following paragraphs:

23.1, 23.21, 23.51, 23.53, 23.143, 23.149, 23.771, 23.905, 23.925, 23.929, 23.933, 23.939, 23.1027, 23.1041, 23.1045, 23.1513, 23.1521, 23.1541, 23.1543, 23.1545, 23.1549

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:

- Airplane Flight Manual Supplement E-1932, Revision 0, 21.09.2011
 - Installation Instruction E-1933, Revision 0, 21.09.2011
 - Instructions for Continued Airworthiness E-1934, Revision 0, 21.09.2011
 - Master Operation Manual List E-1931, Revision 0, 21.09.2011
- 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.

- end -

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