

Supplemental Type Certificate

IMPORT

Number SA03249NY

This certificate issued to MT- Propeller Entwicklung GmbH
Flugplatzstrasse 1
94348 Atting, Germany

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.

Original Product -- Type Certificate Number: No. A8EA

Make: Piper Aircraft, Inc.

Model: PA-31T, PA-31T1, PA-31T2

Description of Type Design Change:

Installation of Model MTV-27-1-E-C-F-R(P)/CFR210-58d 5-bladed, full feathering, reversible wood composite propellers in accordance with MT-Propeller documents Master Operation Manual List, Doc. No. E-1931, Revision 1, dated February 13, 2012, and Installation Instructions, Doc. No. E-1933, Revision 1, dated February 13, 2012.

The following MT-Propeller documents are required with this installation:

EASA approved Airplane Flight Manual Supplement, Doc. No. E-1932, Revision 0, dated September 21, 2011 and Instructions for Continued Airworthiness, Doc. No. E-1934, Revision 0, dated September 21, 2011.

Limitations and Conditions:

1. The Installer must determine whether this design change is compatible with previously approved modifications.
2. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.
3. This installation is applicable to both Piper Aircraft Models PA-31T/PA-31T1/PA-31T2 and Piper Aircraft Models PA-31T/PA-31T1/PA-31T2 modified with PT6A-135 or PT6A-135A engines per FAA STC SA00863SE.

(See Continuation Sheet 2 of 3)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: September 28, 2010

Date reissued:

Date of issuance: February 13, 2013

Date amended:

By direction of the Administrator



(Signature)
For Gaetano Sciortino

Manager
New York Aircraft Certification Office

(Title)

Supplemental Type Certificate

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Issuance date: February 13, 2013

Certification Basis:

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for changes that are not significant in FAA Order 8110.48, the certification basis for this modification are as follows:

- The type certification basis for the Piper Aircraft, Inc. Model PA-31T, PA-31T1, and PA-31T2 aircraft is shown on TCDS NO. A8EA for parts **not changed or not affected** by the change.
- The type certification basis for Piper Aircraft, Inc. Model PA-31T, PA-31T1, and PA-31T2 aircraft is shown on TCDS NO. A8EA for parts **changed or affected by the change** with the following 14 CFR exceptions:

Section 23.33	Amendment 23-0
Section 23.45	Amendment 23-34
Section 23.49	Amendment 23-21
Section 23.51	Amendment 23-34
Section 23.53	Amendment 23-34
Section 23.65	Amendment 23-34
Section 23.67	Amendment 23-34
Section 23.75	Amendment 23-34
Section 23.77	Amendment 23-34
Section 23.867	Amendment 23-7
Section 23.901	Amendment 23-34
Section 23.905	Amendment 23-29
Section 23.907	Amendment 23-0
Section 23.925	Amendment 23-0
Section 23.933	Amendment 23-34
Section 23.937	Amendment 23-7
Section 23.1041	Amendment 23-7
Section 23.1043	Amendment 23-0
Section 23.1045	Amendment 23-7
Section 23.1149	Amendment 23-0
Section 23.1153	Amendment 23-0
Section 23.1155	Amendment 23-7
Section 23.1309	Amendment 23-34
Section 23.1529	Amendment 23-26
Section 36	Amendment 36-28

- For Piper Aircraft, Inc. Model PA-31T, PA-31T1, and PA-31T2 aircraft modified with PT6A-135 or PT6A-135A engines per FAA STC SA00863SE, the additional certification basis below also applies. For the same regulation, the higher amendment level below supersedes any above amendment level.

Section 23.1	Amendment 23-34
Section 23.21	Amendment 23-0
Section 23.51	Amendment 23-50
Section 23.53	Amendment 23-50

(See Continuation Sheet 2 of 3)

United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate
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Issuance date: February 13, 2013

Section 23.143	Amendment 23-50
Section 23.149	Amendment 23-50
Section 23.771	Amendment 23-14
Section 23.905	Amendment 23-43
Section 23.925	Amendment 23-51
Section 23.929	Amendment 23-51
Section 23.933	Amendment 23-51
Section 23.939	Amendment 23-42
Section 23.1027	Amendment 23-43
Section 23.1041	Amendment 23-51
Section 23.1045	Amendment 23-51
Section 23.1141	Amendment 23-51
Section 23.1163	Amendment 23-42
Section 23.1183	Amendment 23-51
Section 23.1301	Amendment 23-20
Section 23.1513	Amendment 23-0
Section 23.1521	Amendment 23-50
Section 23.1541	Amendment 23-21
Section 23.1543	Amendment 23-50
Section 23.1545	Amendment 23-50
Section 23.1549	Amendment 23-45
Section 36	Amendment 36-28

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