



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

IMPORT

Number: SA03775NY

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 23 of the Federal Aviation Regulations.

Original Product – Type Certificate Number: A25SO
Make: Piper Aircraft, Inc.
Model: PA-46-310P

Description of Type Design Change:

1. The installation of MT-Propeller Entwicklung GmbH's Model# MTV-14-D/195-30b 4-Blade constant speed propeller and spinner on Piper Aircraft, Inc. Model PA-46-310P aircraft or aircraft with TCM TSIO-550-C engine installed via SA00380AT in accordance with the configuration stated in the Master Operation Manual List, Doc. No. E-1967, Rev. 2, dated March 08, 2016, or later EASA approved revision and Installation Instructions, Doc. No. E-1969, Rev. 0, dated December 06, 2010, or later EASA approved revision.

(See Description of Type Design Change Continued on Page 3 of 3)

Limitations and Conditions:

1. The aircraft must be operated in accordance with the "Limitations" section of Airplane Flight Manual Supplement, Doc. No E-1968 Rev. 1, dated March 08, 2016, or E-1968-1, Rev. 1, dated March 08, 2016 or later EASA accepted revisions.
2. The installer must determine whether this design change is compatible with previously approved modifications.
3. If the holder agrees to permit another person to use the certificate to alter the product, the holder must give the other person written evidence of that permission.

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

Date of Application: November 18, 2013

Date Reissued:

Date of Issuance: July 28, 2016

Date Amended:

By Direction of the Administrator

Signature

Title **Raymond H. Reinhardt**
Acting Manager
New York Aircraft Certification Office

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification Office of the transfer of this Supplemental Type Certificate. The FAA will reissue the certificate in the name of the transferee and forward it to him.

Transfer Endorsement

Transfer the ownership of Supplemental Type Certificate Number: SA03775NY

To (Name and address of transferee)

From (Name and address of grantor)

Extent of Authority (if licensing agreement):

Date of transfer:

Signature of grantor: _____

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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(Continuation Sheet)

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Date of Issuance: July 28, 2016

Description of Type Design Change (continued):

2. Operation must be in accordance with Aircraft Flight Manual Supplement, Doc. No Doc. No E-1968, Rev. 1, dated March 08, 2016 or E-1968-1, Rev. 1, dated March 08, 2016, or later EASA accepted revisions, and is required as part of this installation.
3. Maintenance must be in accordance with Instructions for Continued Airworthiness, Doc. No. E-1970, Rev. 0, dated December 06, 2010, or later EASA accepted revision.

Certification Basis:

Based on 14 CFR §21.115 and §21.101, and FAA Order 8110.48, the certification basis for this modification to the Piper Aircraft PA-46-310P aircraft is as follows:

- a) The type certification basis for the Piper Aircraft PA-46-310P aircraft as shown on TCDS A25SO for parts not changed or not affected by the change.
- b) The type certification basis for the Piper Aircraft PA-46-310P aircraft as shown on TCDS A25SO for parts changed or affected by the change with the following exceptions:
 - Compliance with 14 CFR Part 36 at Amendment 36-30.

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Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).