



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

IMPORT

Number: SA03446NY

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
Model: PA-46-500TP

Description of Type Design Change:

1. The installation of MT-Propeller Entwicklung GmbH's 5-Blade (Model# MTV-27-1-E-C-F-R(P) / CFR203-58d) propellers and spinners on Piper PA-46-500TP aircraft containing Pratt & Whitney PT6A-42A engine to be done in accordance with Master Operation Manual List, Doc. No. E-2167, October 23, 2013, Rev. 0 or later EASA approved revision and Installation Instructions, Doc. No. E-2169, October 28, 2013, Rev. 0 or later EASA approved revision.
2. Operation must be in accordance with Aircraft Flight Manual Supplement, Doc. No E-2168, October 28, 2013, Rev. 0 or later EASA accepted revision, and is required for this installation.

(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 "Limitation" section of MT-Propeller Entwicklung GmbH Airplane Flight Manual Supplement, Doc. No E-2168, October 28, 2013, Rev. 0 or later EASA accepted revision, and is required for this installation.
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: December 20, 2013

Date reissued:

Date of issuance: June 26, 2014

Date amended:

By direction of the Administrator

Signature

For Title Gactano Sciortino
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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Supplemental Type Certificate

(Continuation Sheet)

Number: SA03446NY

Date of Issuance: June 26, 2014

Description of Type Design Change: (Continued)

3. Maintenance must be in accordance with Instruction for Continued Airworthiness, Doc. No. E-2170, October 23, 2013, Rev.0 or later EASA accepted revision.

Certification Basis:

Based on 14 CFR §21.115 and §21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification to the Piper PA-46-500TP aircraft is as follows:

- a) The type certification basis for the Piper PA-46-500TP aircraft as shown on TCDS A25SO for parts **not changed or not affected** by the change.
- b) The type certification basis for the Piper PA-46-500TP aircraft as shown on TCDS A25SO for parts **changed or affected** by the change with the following exemptions:
 - Compliance with 14 CFR part 36 at Amendment 36-28.

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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).