



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

## IMPORT

Number: SA03637NY

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-46-350P & PA-46R-350T

### Description of Type Design Change:

1. The installation of MT-Propeller Entwicklung GmbH's 4-Blade Model# MTV-14-B / 195-30b propellers and spinners containing Lycoming TIO-540-AE2A model engines or turbo-supercharged variance of Lycoming's TIO-540-AEA model engine in accordance with the configuration stated in the Master Operation Manual List, Doc. No. E-2030, November 17, 2015, Rev. 2 or later EASA approved revision and Installation Instructions, Doc. No. E-2031, December 6, 2010, Rev. 0 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 "Limitation" section of MT-Propeller Entwicklung GmbH Airplane Flight Manual Supplement, Doc. No E-2029 & E-2029-1, November 17, 2015, Rev. 1 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.*

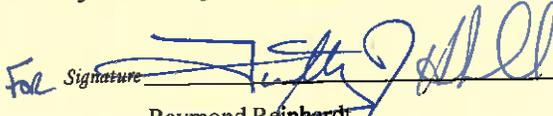
Date of Application: November 18, 2013

Date Reissued:

Date of Issuance: December 15, 2015

Date Amended:

By Direction of the Administrator

For Signature   
Title Raymond 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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# Supplemental Type Certificate

(Continuation Sheet)

Number: SA03637NY

Date of issuance: December 15, 2015

Description of Type Design Change (continued):

2. Operation must be in accordance with Aircraft Flight Manual Supplement, Doc. No E-2029 & E-2029-1, November 17, 2015, Rev. 1 or later EASA accepted revision, and is required for this installation.
3. Maintenance must be in accordance with Instruction for Continued Airworthiness, Doc. No. E-2032, December 6, 2010, Rev. 0 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 PA-46-350P & PA-46R-350T aircraft is as follows:

- a) The type certification basis for the Piper PA-46-350P & PA-46R-350T 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-46-350P & PA-46R-350T aircraft as shown on TCDS A25SO for parts changed or affected by the change with the following exceptions:
  - o Compliance with 14 CFR §23.1529 at Amendment 23-26.
  - o Compliance with 14 CFR §23.53, 23.55, 23.57, 23.59, 23.61, 23.721, 23.803, & 23.815 at Amendment 23-34.
  - o Compliance with 14 CFR §23.811, 23.813 at Amendment 23-36.
  - o Compliance with 14 CFR §23.831 at Amendment 23-42.
  - o Compliance with 14 CFR §23.905 & 23.934 at Amendment 23-43.
  - o Compliance with 14 CFR §23.251, 23.305, 23.397, 23.573, 23.672, 23.773, 23.851, 23.1507, & 23.1549 at Amendment 23-45.
  - o Compliance with 14 CFR §23.805 & 23.812, at Amendment 23-46.
  - o Compliance with 14 CFR §23.301, 23.337, 23.341, 23.393, 23.571, 23.574, & 23.575, at Amendment 23-48.
  - o Compliance with 14 CFR §23.677, 23.691, 23.703, 23.745, 23.775, 23.783, 23.791, 23.841, 23.853, 23.855, & 23.867 at Amendment 23-49.
  - o Compliance with 14 CFR §23.63, 23.66, 23.69, 23.71, 23.73, 23.237, 23.1543, 23.1545, 23.1555, 23.1559, 23.1581, 23.1583, & 23.1585 at Amendment 23-50.
  - o Compliance with 14 CFR §23.777 at Amendment 23-51.
  - o Compliance with 14 CFR §23.907 at Amendment 23-59.
  - o Compliance with 14 CFR part 36 at Amendment 36-28.

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