



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

IMPORT

Number: SA04472NY

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 3/23 of Civil Air/Federal Aviation Regulations.

Original Product 2A13  
Type Certificate Number:

Make: *Piper Aircraft, Inc.*

Model: *PA-28R-180, PA-28R-200, PA-28R-201,*  
*PA-28RT-201*

*Description of Type Design Change:*

*1. Installation of MT-Propeller Entwicklung GmbH model MTV-12-B/188-59() 3-blade, constant speed propeller and spinner on Piper Aircraft, Inc. PA-28R-180, PA-28R-200, PA-28R-201, and PA-28RT-201 model aircraft equipped with Lycoming IO-360-B or IO-360-C series engine models in accordance with the configuration stated in Master Operational Manual List, Doc. No. E-3493, Rev. 4, dated October 5, 2020 or later EASA approved revision and Installation Instructions, Doc. No. E-3495, Rev. 1, dated March 2, 2020 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-3494, Rev. 4, dated October 5, 2020, or later EASA approved revision.*

*(See Limitations and Conditions continued on Page 3 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: 01/20/2020

Date Reissued:

Date of Issuance: 10/19/2020

Date Amended:

*By Direction of the Administrator*

*Signature:*

*Timothy J. Hadsall*

*Acting Manager, New York ACO Branch*

*Title: Compliance & Airworthiness Division*

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: \_\_\_\_\_

**To** (Name and address of transferee):

**From** (Name and address of grantor):

**Extent of Authority** (if licensing agreement):

**Date of transfer:**

**Signature of grantor:** \_\_\_\_\_

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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).

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# Supplemental Type Certificate

IMPORT

(Continuation Sheet)

Number: SA04472NY

Date of Issuance: October 19, 2020

## Description of Type Design Change (continued):

2. Operation must be in accordance with Airplane Flight Manual Supplement, Doc. No. E-3494, Rev. 4, dated October 5, 2020, or later EASA approved revision, and is required as part of this installation.
3. Maintenance must be in accordance with Instructions for Continued Airworthiness, Doc. No. E-3496, Rev. 1, dated March 2, 2020, or later EASA accepted revision, and is required as part of this installation.

## Limitations and Conditions (continued):

2. For the PA-28R-180 model aircraft, this installation approval is limited to aircraft equipped with Lycoming IO-360-B1E engines. For the PA-28R-200 model aircraft, this installation approval is limited to 1180 kg or 1202 kg MTOW configurations.
3. The installer must determine whether this design change is compatible with previously approved modifications.
4. 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.

## Certification Basis:

Based on 14 CFR §21.115 and §21.101, and FAA Order 8110.48, the certification basis for this modification to Piper Aircraft, Inc. PA-28R-180, PA-28R-200, PA-28R-201, PA-28RT-201 aircraft is as follows:

- a) The type certification basis for the Piper Aircraft, Inc. PA-28R-180, PA-28R-200, PA-28R-201, PA-28RT-201 aircraft as shown on TCDS 2A13 for parts not changed or not affected by the change.
- b) The type certification basis for the Piper Aircraft, Inc. PA-28R-180, PA-28R-200, PA-28R-201, PA-28RT-201 aircraft as shown on TCDS 2A13 for parts changed or affected by the change with the following exceptions:
  - Compliance with 14 CFR Part 36 at Amendment 36-31.

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Any alteration of this certificate and/or the Type Certificate Data Sheet is punishable by a fine 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 Title 14 of the Code of Federal Regulations, part 21, section 21.47 (14 CFR 21.47). A transfer must be endorsed as provided on the reverse hereof. A Type Certificate holder who allows a person to use the Type Certificate to manufacture a new aircraft, aircraft engine, or propeller must provide that person with a written licensing agreement acceptable to the FAA. (Ref. 14 CFR 21.55).

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