

United States of America  
Department of Transportation -- Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA02779AT

*This certificate issued to* Aerospace Welding Minneapolis, Inc.  
1045 Gemini Road  
Eagan, MN 55121

*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 -310P, -350P, -500TP, -350T

*Description of Type Design Change:*

Modification of the Engine Mount Assembly in accordance with Kosola and Associates Drawing Nos. K89137, Revision C, dated June 19, 2003 (including DCN D1) (PA-46-350P), and No. K84010 dated April 30, 2003, (PA-46-310P) and K102460, dated November 9, 2004 (PA-46-500TP) or Aerospace Welding Minneapolis, Inc Drawing Nos. A89137, Revision -, dated September 13, 2013 (PA-46-350P), and No. A84010, Revision -, dated September 19, 2013 (PA-46-310P) and A102460, Revision -, dated September 20, 2013 (PA-46-500TP), or later FAA approved revisions.

*Limitations and Conditions:*

1. Modifications to Piper PA-46-310P, -350P, and -500TP engine mounts made prior to January 11, 2013 may use the Instructions for Continued Airworthiness (ICA) that were in place at the time of modification, or later FAA accepted revision, as per previously approved amendments of this STC. Reference: Kosola Document ICA-1.
2. Modifications to Piper PA-46-310P, -350P, -500TP, and -350T engine mounts made after January 11, 2013 should use Kosola Document ICA-1, dated December 27, 2012, or later FAA accepted revision. This revision is a required part of this STC and must be made available to the operator at the time of installation.

Continued on page 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 :* December 27, 2002

*Date reissued :* April 4, 2013

*Date of issuance :* Original: December 22, 2003  
Transfer: July 8, 2013

*Date amended :* January 28, 2004; January 28, 2005;  
January 11, 2013, December 03, 2013

*By direction of the Administrator*

**Original Signed By:**  
**Timothy Smyth**

(Signature)

Timothy Smyth  
Manager, Propulsion & Program Management Branch  
Chicago Aircraft Certification Office



INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional 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.

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### TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number

\_\_\_\_\_

to *(Name of transferee)* \_\_\_\_\_

*(Address of transferee)* \_\_\_\_\_

*(Number and Street)*

\_\_\_\_\_  
*(City, State, and ZIP code)*

from *(Name of grantor) (Print or type)* \_\_\_\_\_

*(Address of grantor)* \_\_\_\_\_

*(Number and Street)*

\_\_\_\_\_  
*(City, State, and ZIP code)*

Extent of Authority (if licensing agreement): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date of Transfer: \_\_\_\_\_

Signature of grantor *(In ink)*: \_\_\_\_\_

United States of America  
Department of Transportation -- Federal Aviation Administration  
**Supplemental Type Certificate**

(Continuation Sheet)

*Number* SA02779AT

Amended on January 11, 2013

*Limitations and Conditions: (Continued)*

3. Modifications to Piper PA-46-310P, -350P, -500TP, and -350T engine mounts made after July 8, 2013 should use Aerospace Welding Minneapolis, Inc Document ICA-1, Revision A, dated November 22, 2013, or later FAA accepted revision. This revision is a required part of this STC and must be made available to the operator at the time of installation.
4. This approval should not be extended to other aircraft of this model series unless the installer determines that the relationship between this change and any other previously incorporated approved modifications will introduce no adverse effect upon the airworthiness of that aircraft.
5. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

*Certification Basis:*

Based on 14 CFR § 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the type certification basis is as follows:

1. The type certification basis for subject aircraft is shown on TCDS A25SO for parts not changed or not affected by the change.

**Regulations at the amendment level in TCDS**

14CFR §§ 23.301, 23.303, 23.305, 23.307, 23.601, 23.603, 23.605, 23.609, 23.611, 23.613, 23.615, 23.625, 23.1529

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STC was re-issued on April 4, 2013 due to typographical error which omitted information that was on the Amended STC from January 28, 2005. There is no new approval associated with the re-issue. The re-issue is for clarification purposes.