

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

*Number* SA03145AT

*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:* A19SO

*Make:* Piper

*Model:* PA-44-180

*Description of Type Design Change:*

Modification of the carburetor air box assemblies, Piper P/N's 86245-34 and 86245-36, in accordance with Kosola and Associates Drawing No. 200317, Revision A, dated September 8, 2003, or Aerospace Welding Minneapolis, Inc Drawing No. 200317, Revision A, dated September 4, 2013, or later FAA approved revision.

*Limitations and Conditions:*

Kosola and Associates Report No. ICA-2, "Instructions for Continued Airworthiness", dated June 22, 2004, or Aerospace Welding Minneapolis, Inc Document No. ICA-2, "Instructions for Continued Airworthiness", dated October 29, 2013, or later FAA accepted revision is a required part of this STC. The compatibility of this design change with other previously approved modifications must be determined by the installer. If the holder of this STC 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.

*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 :* July 23, 2003

*Date reissued :*

*Date of issuance :* Original: September 23, 2005  
Transfer: July 9, 2013

*Date amended :* September 30, 2005, November 7, 2013



*By direction of the Administrator*

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

(Signature)

Timothy Smyth  
Manager, Propulsion & Program Management Branch  
Chicago 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.

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)*: \_\_\_\_\_

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**Supplemental Type Certificate**

(Continuation Sheet)

*Number* SA03145AT

Amended on xxx xx, 20xx

*Certification Basis:*

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