

Department of Transportation Federal Aviation Administration

Supplemental Type Certificate

Number SA01863SE*This certificate, issued to***Dan Stewart
405 Norman Avenue
Cashmere, WA 98815**

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 of the Civil Air Regulations.

<i>Original Product Type Certificate Number:</i>	1A4, PA-20 Series, 1A6, PA-22 Series, 1A1, PA-16
<i>Make:</i>	Piper Aircraft Inc.
<i>Model:</i>	PA-20, PA-20S, PA-20"115", PA20S"115", PA-20"135", PA-20S"135", PA-22, PA-22-108, PA-22-135, PA-22S-135, PA-22-150, PA-22S-150, PA-22-160, PA-22S-160 PA-16

Description of the Type Design Change: Installation of Niagara Oil Cooler in the above model aircraft in accordance with Dan Stewart Installation Instructions No. 1005, Rev. A, dated October 17, 2008.
Note: PA-22 series aircraft modified in accordance with STC SA181RM are eligible for modification under this STC.

Limitations and Conditions:

Approval of this change in type design applies to the above model airplane only. This approval should not be extended to other airplanes of this model on which other previously-approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously-approved modifications will introduce no adverse effect upon the airworthiness of that engine. This modification must be maintained in accordance with Section 5, paragraph 3, of the above installation instructions. A copy of this certificate SA01863SE, shall be maintained as part of the permanent records for the modified airplane.

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.

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: May 23, 2008*Date reissued:**Date of issuance:* July 23, 2008*Date amended:* January 27, 2009*By direction of the Administrator*

(Signature)

 Manager, Seattle Aircraft
 Certification Office

(Title)

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 in accordance with FAR 21.47.