United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA4156NM

This certificate, issued to Merlyn Products, Inc.

certifies that the change in the type design for the following product with the limitations and conditions thereto as specified hereon meets the airworthiness requirements of Part 23 *of the* Federal Aviation *Regulations.*

Original Product—Type Certificate Number: A17WE

Make: Piper

Model: PA-60-600, PA-60-601P and PA-60-602P (Aerostar 600, 601P and 602P)*

Description of Type Design Change: Installation of Merlyn Products, Inc. Induction Air Intercooler System (STC No. SA4009NM), new Rotomaster ME60 turbochargers and Hartzell HC-C3YR-2UF/FC6660 or HC-C3YR-2UF/FC8468(D)-8R propeller on aircraft equipped with Lycoming IO-540-AA1A5 (MP) engines (STC No SE4157NM), in accordance with the FAA sealed Merlyn Products, Inc. Top Drawing List, 12-TDL-1, Revision H, dated January 5, 1994, and the Samurai 350 Installation Instructions, Report No. 12-1, Revision H, dated December 20, 1993, or later FAA approved revision. For PA-60-601, only, the Hartzell HC-C3YR-2UF/FC8468-8R is also approved.

* Aircraft with Max Takeoff Weight below 6,000 lb. are not eligible for this modification.

Limitations and Conditions: The approval of this change in type design applies to the above model aircraft only. This approval should not be extended to aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the relationship (See "continuation Sheet," 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: May 27, 1987

Date of issuance: January 4, 1988

Date reissued:

Date amended: March 29, 1988; May 8, 1990, June 27, 1994

By direction of the Administrator

(Signature)

Acting 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.

FAA Form 8110-2 (10-68)

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Supplemental Type Certificate

(Continuation Sheet)

Number SA4156NM

LIMITATIONS AND CONDITIONS: (continued)

between this change and any of these other previously approved modification will introduce no adverse effect upon the airworthiness of that aircraft.

A copy of this Certificate and Continuation Sheet, Merlyn Products, Inc. Top Drawing List, 12-TDL-1, and the Samurai 350 Installation Instructions, Report No. 12-1, shall be maintained as part of the permanent records of the modified aircraft. The FAA Approved Airplane Flight Manual Supplement dated June 22, 1994, or latest approved revision, shall be attached to the Airplane Flight Manual for the aircraft.

- END -

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.