United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA4009NM

This certificate, issued to Merlyn Products, Inc.

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 23 *of the* Federal Aviation *Regulations.* Effective 2/1/65, with Amendments 23-1 through 23-6, effective 8/1/67.

Original Product — Type Certificate Number: A17WE

Make: Piper

Model: PA-60-600/-601/-601P/-602P (Aerostar 600/601/601P/602P)

Description of Type Design Change:

Installation of the Merlyn Products, Inc. Induction Air Intercooler System on Piper Aerostars equipped with Lycoming IO-540-AA1A5/-P1A5/-S1A5 engines in accordance with the FAA sealed Merlyn Products Top Drawing List No. 11-TDL-1, dated April 15, 1988, and the Induction Air Intercooler Installation Instructions, Report No. 11-1, dated April 15, 1988, or later FAA approved revision.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft 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, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate, Continuation Sheet and FAA Approved Flight Manual Supplement dated as shown on the Continuation Sheet, must be maintained as part of the permanent records for the modified aircraft.

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: August 19, 1987

Date reissued:

Date amended: March 29, 1988; May 16, 1988; August 16, 1989

By direction of the Administrator

Stewart R. Miller

(Signature)

Assistant 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 SA4009NM

LIMITATIONS AND CONDITIONS: (continued)

Aircraft Model	AFMS Date	Eligible Lycoming Engines	Eligible Rotomaster Turbochargers
PA-60-602P	08/18/87	IO-540-AA1A5	600726-01/-02
PA-60-601P	03/22/88	IO-540-P1A5 OR	600574-01/-02 OR
Revised	05/16/88	IO-540-S1A5	600575-01/-02
PA-60-601	05/16/88	IO-540-P1A5 OR IO-540-S1A5	600532-01/-02
PA-60-600	05/16/88	IO-540-P1A5 OR IO-540-S1A5 (PAC Option 35)	600575-01/-02 OR 600532-01/-02 OR 600574-01/-02

- END -

Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both.

FAA FORM 8110-2-1 (10-69)

This certificate may be transferred in accordance with FAR 21.47.