United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number **SA4307NM**

This certificate, issued to **Machen, Inc.**
10555 Airport Drive
Coeur d'Alene Airport
Hayden Lake, ID 83835

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.*

Original Product—Type Certificate Number: A17WE

Make: Aerostar

Model: PA-60-600, -601, -601P

Description of the Type Design Change: Installation of Hartzell HC-C3YR-2UF/FC8468DB-14 or Hartzell HC-C3YR-2UF/FC8468DB-14(MM) propellers and increase in maximum continuous power to 300 HP for the existing Lycoming IO-540-K1F5 or -K1J5 engines installed on the Aerostar Model 600 and IO-540-S1A5 engine installed on the Aerostar 601 and 601P models.

Note: Do not mix (MM) blades with non-(MM) blades on the same propeller hub. Lycoming engine model IO-540-S1A5 installed on the Aerostar 601 and 601P aircraft have been modified to installation of turbochargers in accordance with STC SE60WE.

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 these models 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.

(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: June 21, 1988

Date of issuance: April 19, 1988

Date reissued:

Date amended: 10/18/96; 11/01/98

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)

United States of America
Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate
(Continuation Sheet)

Number SA4307NM

Machen, Inc.
Reissued:
Amended: 10/18/96; 11/01/98

Limitations and Conditions continued:

A copy of this Certificate and the appropriate FAA Approved Airplane Flight Manual Supplement for the Aerostar Model 600 or FAA Approved Airplane Flight Manual Supplement for Model 601 and 601P, all dated April 19, 1988, or later FAA approved revisions, must be maintained as part of the permanent records for the modified aircraft. The existing King KFC-200 Autopilot installed under King Radio STC SA1184CE is considered applicable and requires no change or special information when installed with the Machen conversion under STC SA4307NM.

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.

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