United States of America

Department of Transportation—Federal Aviation Administration

# Supplemental Type Certificate

*Number* **SA3589NM**

*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-60-601, -601P, -602P

*Description of the Type Design Change:* Installation of Machen, Inc., intercooled engines as modified by Supplemental Type Certificate (STC) SE3590NM, optional Hartzell HC-C3YR-2UF/FC8468DB-14 or Hartzell HC-C3YR-2UF/FC8468DB-14(MM) propellers and associated systems in accordance with Machen, Inc., Report 62-1 or later FAA approved revision.

Note: Do not mix (MM) blades with non-(MM) blades on the same propeller hub. Performance is equal to or better than the unmodified aircraft for all aircraft modified in accordance with this STC.

*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. A copy of this Certificate and FAA Approved Airplane Flight Manual Supplement dated April 19, 1988, or later FAA approved revision, must be maintained as part of the permanent records for the modified aircraft.

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:* April 18, 1986
*Date of issuance:* August 22, 1986
*Date reissued:*
*Date amended:* 10/08/86; 04/19/88; 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)