United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA979NW

This certificate, issued to Machen, 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 December 1, 1978.

Original Product — Type Certificate Number: A17WE

Make: Piper Aerostar

Model: 601 (modified)

Description of Type Design Change: Installation of a Lycoming LTIO-, TIO-540-J2BD(MA)* engines, Hartzell HC-C3YR-2LUF/FJC-8468B-10Q and HC-C3YR-2UF/FC-8468B-10Q or Hartzell HC-C3YR-2LUF/FJC-8468DB-14 and HC-C3YR-2UF/FC-8468DB-14 propellers, Woodward propeller synchrophasers and unfeathering accumulators, modified pressurization system to 4.25 psi, Aero-Air Corporation air conditioning system, 35 ampere hour batteries, interior sound reduction package, aerodynamic performance package, and associated systems in accordance with Machen, Inc. Report No. 66-1.

NOTE: *Modified in accordance with STC SE978NW

Limitations and Conditions: Data pertaining to this modification are considered inadequate for duplication in other aircraft. This approval is limited to the installation in Piper Aerostar 601, Serial Number 61-0060-113, modified with structural changes in accordance with STC SA2664WE only. A copy of this Certificate and FAA Approved Airplane Flight Manual Supplement amended April 10, 1981, shall 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: August 25, 1978

Date of issuance: July 16, 1980

Date reissued:

Date amended: April 10, 1981

By direction of the Administrator

Darrell M. Pedersen

(Signature)

acting Chief, Seattle Area 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)