

DepartmentofTransportation_FederalAviationAdministration

Supplemental Type Certificate

Number SA4389NM

This certificate, issued to **Precise Flight, Inc.
63354 Powell Butte Road
Bend, OR 97701**

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 February 1, 1965, with Amendments 23-1 through 23-6.

Original Product—Type Certificate Number: A17WE
Make: Piper
Model: PA-60-600, -601, -601P, -602P and -700P

Description of the Type Design Change: Installation of Precise Flight, Inc. Series 200 Speedbrake Systems in accordance with Precise Flight, Inc. Installation Instructions No. 570S004A, dated December 23, 1988, and Drawing List No 570S005A, dated December 19, 1988, or later FAA approved revisions.

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, Continuation Sheet, and FAA approved Airplane Flight Manual Supplement, dated December 20, 1988, or later FAA approved revisions, 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.

(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: September 12, 1988 *Date reissued:*
Date of issuance: December 23, 1988 *Date amended:* June 15, 1990; November 7, 2003



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.

Supplemental Type Certificate

(Continuation Sheet)

Number **SA4389NM**

Precise Flight, Inc.

Reissued:

Amended: 6/15/90; 11/7/03

Limitations and Conditions (cont'd): The conditions and limitations of the original Type Certificate A17WE apply except as follows:

This Continuation Sheet, which is part of Supplemental Type Certificate No. SA4389NM, prescribes the conditions and limitations under which the STC was issued and meets the airworthiness requirements of the Federal Aviation Regulations.

I. Piper Model PA-60-601, -601P, -602P and -700P (Aerostar) (Normal Category) as modified by STC SA4389NM.

EQUIPMENT: Piper Pilot's Operating Handbook and AFMS for the Speedbrake System must be maintained in the airplane at all times.

Note 1: Current weight and balance report, including list of equipment in the certified empty weight, must be in the aircraft.

Note 2: In addition to the Placards and Markings required by Type Certificate Data Sheet A17WE, Note 2, apply the following:

- a. The following placard is to be located at the circuit breaker panel:

SPEEDBRAKE

- b. The following placard is to be located at the Speedbrake Control Switch (S):

OFF
SPEED
BRAKE
ON

or

SPEEDBRAKE

Supplemental Type Certificate

(Continuation Sheet)

Number SA4389NM

Precise Flight, Inc.

Reissued:

Amended: 6/15/90; 11/7/03

Limitations and Conditions (cont'd):

- c. The following placard is to be placed in front of and in full view of the pilot:

SPEEDBRAKE EQUIPPED: FOR OPERATING LIMITATIONS –
SEE AFM SUPPLEMENT IN OWNER'S MANUAL OR
PILOT'S OPERATING HANDBOOK.

NOTE 3: With the described Speedbrake System installation, performance will be at least equal to or better than that given in the Pilot's Operating Handbook for the Piper airplane.

- END -