

Department of Transportation Federal Aviation Administration

Supplemental Type Certificate

Number SA00233SE*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 3 of the Civil Air Regulations, dated May 15, 1956, through Amendment 3-6, effective September 13, 1961, and par. 3.705(a) of Amendment 3-7 effective September 14, 1969.

Original Product—Type Certificate Number: A1EA
Make: Piper
Model: PA-30 and PA-39

Description of the Type Design Change: Installation of the Precise Flight Series 100 Speedbrake System in accordance with Drawing List 571S001A, Revision C, dated September 27, 1995, or later FAA approved revision. Or Installation of Precise Flight, Inc. Speedbrake 2000 System in accordance with Precise Flight Drawing List 577S0000, Revision A, dated January 18, 2000, 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. Additionally, this modification requires the aircraft to have 50 watt alternators installed, or an electrical load analysis must be performed to ensure sufficient electrical power under worst case conditions. A copy of this Certificate and the appropriate FAA approved Airplane Flight Manual Supplement (AFMS) must be maintained as part of the permanent records for the modified airplane. Depending on Speedbrake system configuration installed, the appropriate AFMS is either AFMS for Precise Flight 100 Speedbrake System, dated September 14, 1995, or AFMS for Precise Flight Speedbrake 2000 System, dated January 18, 2000, or later approved revisions.

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: May 10, 1995
Date of issuance: September 14, 1995

Date reissued: September 3, 2004
Date amended: January 18, 2000; March 10, 2005



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.