

DepartmentofTransportation_FederalAviationAdministration

Supplemental Type Certificate

Number SA2106NM*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 * of the * Regulations.*

Original Product—Type Certificate Number:

*See attached Master Eligibility List (MEL)

Make:

No. SA2106NM for list of approved airplane

Model:

models and applicable airworthiness regulations.

Description of the Type Design Change: Installation of Precise Flight Speedbrake System in accordance with Precise Flight, Inc. Speedbrake System (SBS) Installation Manual, Report No. 111, dated May 27, 1983, 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, MEL No. SA2106NM, and Precise Flight, Inc. Airplane Flight Manual Supplement 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: February 16, 1983*Date reissued:**Date of issuance:* May 27, 1983*Date amended:* 5/24/84; 10/25/85; 11/7/03*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 **SA2106NM**

Precise Flight, Inc.

Reissued:

Amended: 5/24/84; 10/25/85; 11/7/03

Limitations and Conditions (cont'd): The conditions and limitations of the original Type Certificate as reflected in the Master Eligibility List (MEL) apply except as follows:

This addendum, which is part of Supplemental Type Certificate No. SA2106NM, prescribes the conditions and limitations under which the STC was issued and meets the airworthiness requirements of the Civil Air Regulations.

CESSNA MODELS 180, 182, 185, 210-5 (205), 206, 207, 210E, 210F and T210F, 4PCLM (NORMAL CATEGORY) AS MODIFIED BY STC SA2106NM.

EQUIPMENT: Cessna Owner's Manual or Pilot's Operating Handbook and AFMS for the Speedbrake System (SBS) 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 Sheets as referenced in the MEL, apply the following:

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

SPEEDBRAKE

- b. The following placard is to be on the left horn of the pilot's control wheel near the speedbrake control switch:

SPEEDBRAKE
PUSH
TO DEPLOY

- c. If the standby vacuum system is installed, the following placard is to be in front and in full view of the pilot:

THIS AIRCRAFT IS EQUIPPED WITH PRECISE FLIGHT, INC.
STANDBY VACUUM SYSTEM. REFER TO AFM OR PILOT'S
OPERATING HANDBOOK FOR OPERATING INSTRUCTIONS.

Supplemental Type Certificate

(Continuation Sheet)

Number SA2106NM

Precise Flight, Inc.

Reissued:

Amended: 5/24/84; 10/25/85; 11/7/03

Limitations and Conditions (cont'd):

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

SPEEDBRAKE SYSTEM FOR OPERATING INSTRUCTIONS AND
LIMITATIONS – SEE SUPPLEMENT IN OWNER'S MANUAL
OR
PILOT'S OPERATING HANDBOOK.

e. The following placard is to be placed in front and in full view of the Cessna Models 210E, 210F and T210F:

OPERATION LIMITATIONS
SPEEDBRAKES SHALL NOT BE ACTIVATED
ABOVE 185 KIAS

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

- END -