

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate*Number* SE1780NM

Precise Flight, Inc.
63120 Powell Butte Rd.
Bend, OR 97701

This certificate, issued to

certifies that the change in the type design for the following product with the limitations and conditions thereof as specified herein meets the airworthiness requirements of Part 33 of the Federal Aviation Regulations.

Original Product—Type Certificate Number:

*See attached FAA Approved Model List (AML)
No. SE1780NM for list of approved airplane models
and applicable airworthiness regulations

*Make:**Model:*

Description of the Type Design Change: Installation of Precise Flight, Inc. Standby Vacuum System SVS III, in accordance with Engineering Drawing 000V0000, Revision -, dated March 10, 2000, and Installation Report No. 50050, Revision 25, dated August 26, 1999, or later approved revision. Or Installation of Precise Flight, Inc. SVS V, in accordance with Precise Flight, Inc. Engineering Drawing 000V0000, Revision -, dated March 10, 2000 and Installation Instructions 08072, Revision -, dated December 12, 1999, or later FAA approved revision. Or Installation of Precise Flight Inc. SVS VI, in accordance with Precise Flight, Inc. Installation manual 08074, dated January 7, 2000, or later FAA approved revision.

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 this model on which other previously approved modifications are incorporated unless it is determined by the installer 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 AML No. SE1780NM, dated May 28, 1991, 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: December 13, 1982*Date received:*

December 28, 1982

Date amended:

December 30, 1983; January 31, 1985;

Date of issuance:

July 22, 1988; July 25, 1990;

January 31, 1991; April 21, 2000

*By direction of the Administrator:*

Richard K. ...
(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.

FAA APPROVED MODEL LIST NO. SE1780NM
PRECISE FLIGHT STANDBY VACUUM SYSTEM (SVS)
LIST OF ACTIVE PAGES

PAGE	AMMENDMENT DATE
2	12/28/82
3	07/21/88
4	04/01/91
5	04/11/83

FAA APPROVED: 
Acting Manager, Special Certification Branch
Seattle Aircraft Certification Office

Amendment Date: May 28, 1991

PRECISE FLIGHT, INC.
 FAA APPROVED MODEL LIST (AML) NO. SE1780NM
 FOR
 INSTALLATION OF STANDBY VACUUM SYSTEM (SVS)

Issue Date: December 28, 1982

Item	Engine Make	Engine Model	Original Type Certificate Number	Certification Basis For Alteration	FAA Approved Drawing No.	Revision No. and Date	AFM Supplement Number/Date	AML Amendment Date
1	Teledyne Continental	A-65 Series	E-25	CAR 13	CONT. SVS 0010			
2		A70, -2	ATC 32	CAR 13	CONT. SVS 0010			
3		A75	E-213	CAR13	CONT. SVS 0010			
4		A80	217	CAR 13	CONT. SVS 0010			
5		A-100	E-241	CAR 13	CONT. SVS 0010			
6		C-75	E-233	CAR13	CONT. SVS 0010			
7		C-90, 0-200	E-252	CAR 13	CONT. SVS 0010			
8		C-115, C-125	E-236	CAR 13	CONT. SVS 0010			

PRECISE FLIGHT, INC.
 FAA APPROVED MODEL LIST (AML) NO. SE1780NM
 FOR
 INSTALLATION OF STANDBY VACUUM SYSTEM (SVS)

Issue Date: December 28, 1982

Item	Engine Make	Engine Model	Original Type Certificate Number	Certification Basis For Alteration	FAA Approved Drawing No.	Revision No. and Date	AFM Supplement Number/Date	AML Amendment Date
9	Teledyne Continental	C-145, 0-300	E-253	CAR13	CONT. SVS 0010			
10		E-165, E-185	E-246	CAR 13	CONT. SVS 0010			
11		E-225	E-267	CAR 13	CONT. SVS 0010			
12		GO-300	E-298	CAR13	CONT. SVS 0010			
13		IO-346	E-3CE	CAR 13	CONT. SVS 0010			
14		TSIO-360, LTSIO-360	E9CE	CAR 13	CONT. SVS 0010			
15		GIO-470-A	E2CE	CAR13	CONT. SVS 0010			
16		0-470	E-269	CAR 13	CONT. SVS 0010			
17		0-470	E-273	CAR 13	CONT. SVS 0010			

PRECISE FLIGHT, INC.
 FAA APPROVED MODEL LIST (AML) NO. SE1780NM
 FOR
 INSTALLATION OF STANDBY VACUUM SYSTEM (SVS)

Issue Date: December 28, 1982

Item	Engine Make	Engine Model	Original Type Certificate Number	Certification Basis For Alteration	FAA Approved Drawing No.	Revision No. and Date	AFM Supplement Number/Date	AML Amendment Date
18	Teledyne Continental	IO-470	3EI	CAR13	CONT. SVS 0010			
19		IO-550	E3SO	FAR 33	CONT. SVS 0010			
20		FSO-470	E-281	CAR13	CONT. SVS 0010			
21		TSIO-470	3E3	CAR 13	CONT. SVS 0010			
22		IO-520	35CE	CAR 13	CONT. SVS 0010			
23		FSO-526	E-292	CAR13	CONT. SVS 0010			
24		GSO-526-A	E-303	CAR 13	CONT. SVS 0010			
25		GTSIO-520	E7CE	CAR 13	CONT. SVS 0010			
26		TSIO-520	E8CE	CAR13	CONT. SVS 0010			

PRECISE FLIGHT, INC.
 FAA APPROVED MODEL LIST (AML) NO. SE1780NM
 FOR
 INSTALLATION OF STANDBY VACUUM SYSTEM (SVS)

Issue Date: December 28, 1982

Item	Engine Make	Engine Model	Original Type Certificate Number	Certification Basis For Alteration	FAA Approved Drawing No.	Revision No. and Date	AFM Supplement Number/Date	AML Amendment Date
27	Teledyne Continental	6-260-A	E11CE	FAR 33	CONT. SVS 0010			
28		6-285	E12CE	FAR 33	CONT. SVS 0010			
29		6-320-B	E1S0	FAR 33	CONT. SVS 0010			
30		T6-320-A	E2S0	FAR 33	CONT. SVS 0010			
31		IO -360	E1CE	FAR 33	CONT. SVS 0010			