

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate*Number* SA2683NM*This certificate, issued to* Precise Flight, Inc.

63120 Powell Butte Rd.

Bend, OR 97701

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

Original Product—Type Certificate Number:

*See attached FAA Approved Model List (AML) No. SA2683NM for list of approved airplane models and applicable airworthiness regulations

*Make:**Model:*

Description of the Type Design Change: Installation of Precise Flight, Inc. Stand-By Vacuum System (SVS) in accordance with the appropriate Precise Flight, Inc. Engineering Drawing listed on FAA Approved Model List No. SA2683NM, dated March 17, 2000, or later FAA approved revision.

NOTE: As a prerequisite to this change, the engine must be modified in accordance with Precise Flight, Inc. SFC No. SE1779NM or SE1780NM, dated December 28, 1982, or later FAA approved revision. Also, modified aircraft must be equipped with a vacuum indicator.

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, AML No. SA2683NM and the appropriate FAA Approved Flight Manual Supplement (AFMS) listed on AML No. SA2683NM 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: October 31, 1983*State received:**Date of issuance:* November 7, 1983*State amended:*

December 16, 1983; December 7, 1984;

October 31, 1989; July 5, 1991

March 17, 2000

*By Signature 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 2 years, or both.

FAA APPROVED MODEL LIST NO. SA2683NM
PRECISE FLIGHT STANDBY VACUUM SYSTEM
LIST OF ACTIVE PAGES

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27	March 17, 2000

AMENDED DATE: March 17, 2000

FAA Approved:


Acting Manager, Seattle Aircraft
Certification Office

FAA APPROVED MODEL LIST (AML) NO. SA2683NM
PRECISE FLIGHT, INC.

For

INSTALLATION OF PRECISE FLIGHT STANDBY VACUUM SYSTEM

Issue Date: May 23, 1988

Item	Aircraft Make	Aircraft Model	Original Type Certificate Number	Certification Basis for Alteration	FAA Approved Airplane Flight Manual Supplement*	FAA Approved Drawing*		AML Amdt. Date
						Number	REV	
1	Aerocar, Inc.	I	4A16	CAR 3	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
2	Aerocar, Inc.	I	4A16	CAR 3	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000
3	Aerodifusion, S.L.	Jodel D-1190S	A11IN	CAR 10	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
4	Aerodifusion, S.L.	Jodel D-1190S	A11IN	CAR 10	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000

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5	Aeromere S.A.	Falco F.9.L	7A11	CAR 10	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
6	Aeromere S.A.	Falco F.9.L	7A11	CAR 10	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000
7	Aeronautica Macchi S.p.A.	AL60, AL60-B, AL60-F5, AL60-C5	7A12	CAR 10 (CAR 3)	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
8	Aeronautica Macchi S.p.A.	AL60, AL60-B, AL60-F5, AL60-C5	7A12	CAR 10 (CAR 3)	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000

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9	Aeronautica Macchi S.p.A.	AM-3	A19EU	FAR 21.29 (CAR 3)	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
10	Aeronautica Macchi S.p.A.	AM-3	A19EU	FAR 21.29 (CAR 3)	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000
11	Aeronca, Inc. (Wm. Brad Mitchell)	15AC, S15AC	A-802	CAR 3	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
12	Aeronca, Inc. (Wm. Brad Mitchell)	15AC, S15AC	A-802	CAR 3	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000

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13	Aerospatiale (Socata Groupe)	TB20 Trinidad	A51EU	FAR 23	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
14	Aerospatiale (Socata Groupe)	TB20 Trinidad	A51EU	FAR 23	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000
15	American Champion Corp.	11AC, S11AC, 11BC, S11BC	A-761	CAR 4a	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
		11CC, S11CC	A-796	CAR 3				
16	American Champion Corp.	11AC, S11AC, 11BC, S11BC	A-761	CAR 4a	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000
		11CC, S11CC	A-796	CAR 3				

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17	American General Aircraft Holding Co.	AG-5B	A16EA	FAR 23	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
18	American General Aircraft Holding Co.	AG-5B	A16EA	FAR 23	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000
195	Arctic Aircraft Co., Inc.	S-1A, S-1A-65F, -85F, -90F	A-737	CAR 4a	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
		S-1B1, L-6, XL-6, S-1B2	A-754	CAR 4a				
20	Arctic Aircraft Co., Inc.	S-1A, S-1A-65F, -85F, -90F	A-737	CAR 4a	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000
		S-1B1, L-6, XL-6, S-1B2	A-754	CAR 4a				

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21	Bellanca Aircraft Corp. (American Champion Aircraft Corp.)	7AC, 7ACA, S7AC, L-16A, L-16B, 7BCM, 7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB	A-759	CAR 4a	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
22	Bellanca Aircraft Corp. (American Champion Aircraft Corp.)	7AC, 7ACA, S7AC, L-16A, L-16B, 7BCM, 7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB	A-759	CAR 4a	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000

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23	Bellanca Aircraft Corp.	14-19-2, 14-19-3A, 17-30, 17-31, 17-31TC	1A3	CAR 3	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
		17-30A, 17-31A, 17-31ATC	A18CE	FAR 23				
		8KCAB 8GCBC	A21CE	FAR 23				
		14-9, 14-9L	716	CAR 4a				
		14-12F-3	745AIR	CAR 4a				
		14-13, 14-13-2, 14-13-3, 14-13-3W	A-773	CAR 4a				
24	Bellanca Aircraft Corp.	14-19-2, 14-19-3A, 17-30, 17-31, 17-31TC	1A3	CAR 3	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000
		17-30A, 17-31A, 17-31ATC	A18CE	FAR 23				
		8KCAB 8GCBC	A21CE	FAR 23				
		14-9, 14-9L	716	CAR 4a				
		14-12F-3	745AIR	CAR 4a				
		14-13, 14-13-2, 14-13-3, 14-13-3W	A-773	CAR 4a				

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25	Biemond, C.	Teal CB1	A15WE	CAR 8	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
26	Biemond, C.	Teal CB1	A15WE	CAR 8	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000
27	Board, G.R.	Columbia XJL-1	AR-26	CAR 8	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
28	Board, G.R.	Columbia XJL-1	AR-26	CAR 8	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000

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29	Bolkow-Apparatebau	Bolkow Jr.	A1EU	CAR 10	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
30	Bolkow-Apparatebau	Bolkow Jr.	A1EU	CAR 10	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000
31	Clark Aircraft Co. Inc.	12	2A12	CAR 8 (CAM 8)	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
32	Clark Aircraft Co. Inc.	12	2A12	CAR 8 (CAM 8)	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000

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33	Falcon Aircraft Corp. (Elzie Wright Jr.)	F-1	A16SO	FAR 21 (FAR 23)	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
34	Falcon Aircraft Corp. (Elzie Wright Jr.)	F-1	A16SO	FAR 21 (FAR 23)	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000
35	Flug und Fahrzeugwerke	AS 202/15	A34EU	FAR 21.29 (FAR 23)	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
36	Flug und Fahrzeugwerke	AS 202/15	A34EU	FAR 21.29 (FAR 23)	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000

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37	Found Brothers Aviation Ltd.	FBA-2C	A7EA	CAR 3	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
38	Found Brothers Aviation Ltd.	FBA-2C	A7EA	CAR 3	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000
39	Fuji Heavy Industries	FA-200-160, FA-200-180, FA-200-180AO	A4PC	CAR 10	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
40	Fuji Heavy Industries	FA-200-160, FA-200-180, FA-200-180AO	A4PC	CAR 10	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000

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41	Funk Aircraft Co.	Funk C	2-564	CAR 4.031	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
42	Funk Aircraft Co.	Funk C	2-564	CAR 4.031	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000
43	Garcia, Henry S. (Edward Scott Kearns)	Trojan A-2	A-801	CAR 3	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
44	Garcia, Henry S. (Edward Scott Kearns)	Trojan A-2	A-801	CAR 3	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000

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45	Globe (Swift Museum)	GC-1A, GC-1B	A-766	CAR 4a	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
46	Globe (Swift Museum)	GC-1A, GC-1B	A-766	CAR 4a	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000
47	Goodyear Aircraft Corp.	GA-22A	1A12	CAR 3	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
48	Goodyear Aircraft Corp.	GA-22A	1A12	CAR 3	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000

* or later FAA Approved Revision

FAA APPROVED MODEL LIST (AML) NO. SA2683NM
PRECISE FLIGHT, INC.

For
INSTALLATION OF PRECISE FLIGHT STANDBY VACUUM SYSTEM

Issue Date: May 23, 1988

Item	Aircraft Make	Aircraft Model	Original Type Certificate Number	Certification Basis for Alteration	FAA Approved Airplane Flight Manual Supplement*	FAA Approved Drawing*		AML Amdt. Date
						Number	REV	
49	Great Lakes Aircraft Co. (Chapparral Motors, Inc.)	2T-1A-1 2T-1A-2	A18EA	Aero Bul. 7A (FAR 23)	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
50	Great Lakes Aircraft Co. (Chapparral Motors, Inc.)	2T-1A-1 2T-1A-2	A18EA	Aero Bul. 7A (FAR 23)	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000
51	Grumman Amer. Aviation (AgCat Corp.)	G-164, G-164A, G-164B	1A16	CAR 8.10(a)(a) (CAM 8)	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
	Grumman American Aviation (American General Aircraft Holding Co.)	AA-1, AA-1A, AA-1B, AA-1C	A11EA	FAR 23				
		AA-5, AA-5A, AA-5B	A16EA	FAR 23				
52	Grumman Amer. Aviation (AgCat Corp.)	G-164, G-164A, G-164B	1A16	CAR 8.10(a)(a) (CAM 8)	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000
	Grumman American Aviation (American General Aircraft Holding Co.)	AA-1, AA-1A, AA-1B, AA-1C	A11EA	FAR 23				
		AA-5, AA-5A, AA-5B	A16EA	FAR 23				

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PRECISE FLIGHT, INC.

For

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						Number	REV	
53	Gulfstream Aerosapace	111	A11SO	FAR 23 (FAR 21)	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000	3/17/2000
	Gulfstream Aerosapace (Commander Aircraft Co.)	Rockwell Commander112, 112, 112B, 112TC, 112TCA, 114, 114A	A12SO	FAR 23			Rev. 25, dated 8/26/99	
54	Gulfstream Aerosapace	111	A11SO	FAR 23 (FAR 21)	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000	3/17/2000
	Gulfstream Aerosapace (Commander Aircraft Co.)	Rockwell Commander112, 112, 112B, 112TC, 112TCA, 114, 114A	A12SO	FAR 23			Rev.-, dated 12/22/1999	
55	Helio Aircraft LTD. (Alliance Aircraft Group)	H-250, H-295, H-391, H-391B, H395, H-395A, HT-295 L-28A, U-10D,	1A8	CAR 3	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
56	Helio Aircraft LTD. (Alliance Aircraft Group)	H-250, H-295, H-391, H-391B, H395, H-395A, HT-295 L-28A, U-10D	1A8	CAR 3	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000

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PRECISE FLIGHT, INC.

For

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57	C. ITOH AIRCRAFT MAINTENANCE	N-62	A3PC	CAR 10	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
58	C. ITOH AIRCRAFT MAINTENANCE	N-62	A3PC	CAR 10	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000
59	Jamieson Corp.	J-2-L1B	A3EA	CAR 3	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
60	Jamieson Corp.	J-2-L1B	A3EA	CAR 3	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000

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Item	Aircraft Make	Aircraft Model	Original Type Certificate Number	Certification Basis for Alteration	FAA Approved Airplane Flight Manual Supplement*	FAA Approved Drawing*		AML Amdt. Date
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61	JODEL, AVION BEUNE (COTE D'OR)	D-140-B DR-1050 D-1190 150	A3IN A4IN A10IN A14IN	CAR 10 CAR 10 CAR 10 CAR 10	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
62	JODEL, AVION BEUNE (COTE D'OR)	D-140-B DR-1050 D-1190 150	A3IN A4IN A10IN A14IN	CAR 10 CAR 10 CAR 10 CAR 10	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000
63	Lake Aircraft (Revo, Inc.)	C-1, C-2, LA-4, LA-4-200, 250 (LAKE)	1A13	CAR 3	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
64	Lake Aircraft (Revo, Inc.)	C-1, C-2, LA-4, LA-4-200, 250 (LAKE)	1A13	CAR 3	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000

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PRECISE FLIGHT, INC.

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						Number	REV	
65	Land Air Sales (Luscombe Aircraft Corp.)	(Luscombe, Temco) 11A	A-804	CAR 3	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
66	Land Air Sales (Luscombe Aircraft Corp.)	(Luscombe, Temco) 11A	A-804	CAR 3	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000
67	Luscombe Aircraft Corp. (The Don Luscombe Aviation History Foundation)	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F	A-694	CAR 4a	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
68	Luscombe Aircraft Corp. (The Don Luscombe Aviation History Foundation)	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F	A-694	CAR 4a	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000

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69	Maule Aircraft	Bee Dee M-4 M-4, M-4C, M-4S, M-4T M-4-180C, -180S, -210, -210C, -210S, -210T, -220S, -220T M-5-180C, -200, -210C, -210TC, -220C, -235, -235C M-6-180, -235 M-7-235 MX-7-180 MX-7-235	3A23	CAR 3	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
70	Maule Aircraft	Bee Dee M-4 M-4, M-4C, M-4S, M-4T M-4-180C, -180S, -210, -210C, -210S, -210T, -220S, -220T M-5-180C, -200, -210C, -210TC, -220C -235, -235C M-6-180, -235 M-7-235 MX-7-180 MX-7-235	3A23	CAR 3	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000

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Item	Aircraft Make	Aircraft Model	Original Type Certificate Number	Certification Basis for Alteration	FAA Approved Airplane Flight Manual Supplement*	FAA Approved Drawing*		AML Amdt. Date
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71	MBB-Bolkow	BO-209-150FV BO-209-150RV BO-209-160FV BO-209-160RV BO-209-150FF	A27EU	FAR 21.29 (FAR 23)	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
72	MBB-Bolkow	BO-209-150FV BO-209-150RV BO-209-160FV BO-209-160RV BO-209-150FF	A27EU	FAR 21.29 (FAR 23)	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000
73	Nardi S.A.	FN-333	7A5	CAR 10	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
74	Nardi S.A.	FN-333	7A5	CAR 10	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000

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75	Navion Aircraft Company Ltd.	Navion (L-17A), Navion A (L-17B), L-17C, Navion B, D, E, F, G, H	A-782	CAR 3	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
76	Navion Aircraft Company Ltd.	Navion (L-17A), Navion A (L-17B), L-17C, Navion B, D, E, F, G, H	A-782	CAR 3	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000
77	Pitts Aviation (Sky International Inc.)	S-1S, S-1T, S-2, S-2A	A8SO	FAR 21 (FAR 23)	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
78	Pitts Aviation (Sky International Inc.)	S-1S, S-1T, S-2, S-2A	A8SO	FAR 21 (FAR 23)	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000

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PRECISE FLIGHT, INC.

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Item	Aircraft Make	Aircraft Model	Original Type Certificate Number	Certification Basis for Alteration	FAA Approved Airplane Flight Manual Supplement*	FAA Approved Drawing*		AML Amdt. Date
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79	PROCAER	F15/B, F/15C,	A1IN	FAR 21.29 (FAR 23)	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000	3/17/2000
		F15/E	A28EU	FAR 21.29 (FAR 23)			Rev. 25, dated 8/26/99	
80	PROCAER	F15/B, F/15C,	A1IN	FAR 21.29 (FAR 23)	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000	3/17/2000
		F15/E	A28EU	FAR 21.29 (FAR 23)	Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)		Rev.-, dated 12/22/1999	
81	Prop-Jets Inc.	200, 200A, 200B, 200C, 200D	3A18	CAR 3	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
82	Prop-Jets Inc.	200, 200A, 200B, 200C, 200D	3A18	CAR 3	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000

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FAA APPROVED MODEL LIST (AML) NO. SA26832NM
PRECISE FLIGHT, INC.

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Item	Aircraft Make	Aircraft Model	Original Type Certificate Number	Certification Basis for Alteration	FAA Approved Airplane Flight Manual Supplement*	FAA Approved Drawing*		AML Amdt. Date
						Number	REV	
83	SIAI – MARCHETTI (Aermachhi S.p.A.)	S.205-18/F, -18R, -20/F, -20/R, -22/R, S.208, S.208A	A9EU	FAR 21.29 (FAR 23)	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
		F.260, F.260B	A10EU	CAR 10				
84	SIAI – MARCHETTI (Aermachhi S.p.A.)	S.205-18/F, -18R, -20/F, -20/R, -22/R, S.208, S.208A	A9EU	FAR 21.29 (FAR 23)	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000
		F.260, F.260B	A10EU	CAR 10				
85	SOCATA GROUPE	MS880B, MS885, MS892A-150, MS892E-150, MS893A, MS893E, MS894A, MS894E	7A14	CAR 10 (CAR 3)	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
		TB10, TB21, TB9	A51EU	FAR 23				
86	SOCATA GROUPE	MS880B, MS885, MS892A-150, MS892E-150, MS893A, MS893E, MS894A, MS894E	7A14	CAR 10 (CAR 3)	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000
		TB10, TB21, TB9	A51EU	FAR 23				

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87	Stinson (Univar Aircraft Corp.)	108-2, 108-3	A-767	CAR 3	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
88	Stinson (Univar Aircraft Corp.)	108-2, 108-3	A-767	CAR 3	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000
89	SUD Aviaiton	GY.80-150, GY.80-160, GY.80-180	A12IN	CAR 10	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
90	SUD Aviaiton	GY.80-150, GY.80-160, GY.80-180	A12IN	CAR 10	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000

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91	Taylor-Craft Aviation	F19, F21, F21A	1A9	CAR 3	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
92	Taylor-Craft Aviation	F19, F21, F21A	1A9	CAR 3	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000
93	Univar Aircraft Corp.	AirCoupe A-2, A2-A, F-1, F-1A 415-D, 415-E, M10	A-787	CAR 3	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
		415-C, 415-CD	A-718	CAR 4a				
94	Univar Aircraft Corp.	AirCoupe A-2, A2-A, F-1, F-1A 415-D, 415-E, M10	A-787	CAR 3	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000
		415-C, 415-CD	A-718	CAR 4a	Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)			

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Item	Aircraft Make	Aircraft Model	Original Type Certificate Number	Certification Basis for Alteration	FAA Approved Airplane Flight Manual Supplement*	FAA Approved Drawing*		AML Amdt. Date
						Number	REV	
95	VARGA Aircraft Corp. (Augustair, Inc.)	2150, 2150A, 2180	4A19	CAR 3	Supplemental Flight Manual for SA2683NM dated 6/8/98. (SVS III)	SVS III Engineering Drawing 000V0000 And Installation Report No. 50050	Rev.-, dated 3/10/2000 Rev. 25, dated 8/26/99	3/17/2000
96	VARGA Aircraft Corp. (Augustair, Inc.)	2150, 2150A, 2180	4A19	CAR 3	Supplemental Flight Manual for Push Operated Cable Valve dated 2/4/2000. (SVS V) OR Supplemental Flight Manual for Pull Operated Cable Valve dated 2/4/2000. (SVS V)	SVS V Engineering Drawing 000V0000 And Installation Report No. 08072	Rev.-, dated 3/10/2000 Rev.-, dated 12/22/1999	3/17/2000

* or later FAA Approved Revision