

Supplemental Type Certificate

Number SA00954SE

This certificate, issued to **J. P. Instruments**
P.O. Box 7033
Huntington Beach, CA 92646

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 FAA Approved Model List (AML)
Make: No. SA00954SE for a list of approved airplane
Model: models and applicable airworthiness regulations.

Description of the Type Design Change: Installation of J.P. Instruments (JPI) Primary Temperature Indicating System in accordance with JPI Installation Manual for the EDM 711, Report 106P, Revision B, dated August 2, 2001, or later FAA approved revision.

Limitations and Conditions: Approval of this change in type design applies to the aircraft models listed on the AML 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, FAA Approved Model List (AML) No. SA00954SE, and Airplane Flight Manual Supplement EDM -711, dated August 10, 2001, 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 17, 1999

Date reissued:

Date of issuance: August 10, 2001

Date amended:



By direction of the Administrator

Edwina H. ...
(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.

J.P. INSTRUMENTS
FAA APPROVED MODEL LIST (AML) NUMBER SA00954SE
FOR
INSTALLATION OF THE EDM 711 SERIES
PRIMARY INSTRUMENTS (CHT, TIT, OIL as applicable)

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	AML REVISION DATE
1.	American General Aircraft Holdings, Grumman	AA-5, AA-5A, AA-5B	A16EA	FAR 23	8/10/2001
2.	American General Aircraft Holdings, Grumman	AA-1, AA-1A, AA-1B	A11EA	FAR 23	8/11/03
3.	American Champion Aircraft Corp.	8GCBC	A21CE	FAR 23	8/11/03
4.	Aviat Aircraft Inc. Husky	A-1, A-1A, A-1B	A22NM	FAR 23	8/11/03
5.	Beech	C24R, B24R	A1CE	CAR 3	8/11/03
6.	Beech	C35	A-777	CAR 3	8-/10/2001
7.	Beech	E33,E33A,E33C, F33, F33A,F33C,G33, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 36, A36, 35-33, 35-B33, 35-C33, 35- C33A	3A15	CAR 3	8/11/03
8.	Beech	35, A35, B35, D35, E35, F35, G35, 35R	A-777	CAR 3	8/11/03
9.	Beech	S35, V35, 35A, 35B, As Modified Per STC SA1035WE	3A15	CAR 3	8/11/03
10.	Beech	35-A33, A36TC, B36TC	3A15	CAR 3	8/10/2001
11.	Bellanca	14-19-2	1A3	CAR 3	8/11/03
12.	Bellanca	17-30A, 17-31A	A18CE	FAR 23	8/11/03
13.	Bellanca Inc.	17-31ATC	A18CE	FAR 23	8/10/2001
14.	Cessna	150, 150A, B, C, D, E, F, G, H, J, K, L, M, A150K, A150L, A150M, 152, A152	3A19	CAR 3	8/11/03
15.	Cessna	150, 150A, B, C, D, E, F, G, H, J, K, L, M, A150K, A150L, A150M, 152, A152 Per STC SA4795SW, SA3788NM	3A19	CAR 3	8/11/03
16.	Cessna	170, 170A,B	A-799	CAR 3	8/10/2001
17.	Cessna	172, 172A, B, C, D, E, F, G, H, 172 I, K, L, M, N, P, Q	3A12	CAR 3	8/10/2001
18.	Cessna	172R, S	3A12	FAR 23	8/11/03
19.	Cessna	172RG	3A17	CAR 3	8/10/2001
20.	Cessna	175, 175A, B, C, P172D	3A17	CAR 3	8/11/03
21.	Cessna	177,177A, 177B	A13CE	FAR 23	8/10/2001
22.	Cessna	177RG	A20CE	FAR 23	8/10/2001
23.	Cessna	180, 180A, B, C, D, E, F, G, H, J, K	5A6	CAR 3	8/10/2001

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24.	Cessna	182,182A,B,C,D,E,F,G,H,J,K, L, M, N, P, Q, R	3A13	CAR 3	8/10/2001
25.	Cessna	182S ,T, T182T	3A13	FAR 23	8/11/03
26.	Cessna	182E, F, G, H, J, K, L, M, N, P, Q (Peterson, STC SA3825SW)	3A13	CAR 3	8/11/03
27.	Cessna	182 Series Air Plains Corp, STC SA00152WI Engine IO-520 and IO-550	3A13	CAR 3	8/11/03
28.	Cessna	R182, T182, TR182	3A13	CAR 3	8/10/2001
29.	Cessna	185,185A,B,C,D,E,A185E,A185F	3A24	CAR 3	8/10/2001
30.	Cessna	206, P206, P206A, B, C, D, E, TP206A, B, C, D, E, U206, U206A, B, C, D, E, F, G, TU206A, B, C, D, E, F, G	A4CE	CAR 3	8/10/2001
31.	Cessna	206H, T206H	A4CE	FAR 23	8/11/03
32.	Cessna	U206A, B, C, D, E, F, G (with Lycoming TIO-540- series engine per STC SA2123NM)	A4CE	CAR 3	8/11/03
33.	Cessna	207, 207A, T207, T207A	A16CE	FAR 23	8/10/2001
34.	Cessna	210, 210A, B, C, D, E, F 210-5, 210-5A, T210F, 210G, T210G, 210H, T210H, 210J, T210J, T210K, 210K, 210L, T210L, 210M, T210M, 210N, P210N, T210N, 210R, P210R, T210R	3A21	FAR 23	8/10/2001
35.	Cirrus	SR-20, SR-22	A00009CH	FAR 23	8/11/03
36.	Commander	112, 112B,112TC,112TCA, 114, 114B, 114TC	A12SO	FAR 23 CAR 3	8/11/03
37.	EXTRA	EA-300,S, L, EA-300/200	A67EU	FAR 21.29 FAR 23	8/10/2001
38.	Extra	EA-400	A43CE	FAR 23	8/11/03
39.	GENERAL AVIA	F22B, F22C, F22R	A75EU	FAR 23	8/10/2001
40.	Helio (Alliance Aircraft)	H-295, HT-295, H-395,H391B	1A8	CAR 3	8/11/03
41.	Jobmaster Company	DGA-15P (Army UC-70; Navy GH-1, GH-2,GH-3, NH-1	A-717	CAR 4a	8/10/2001
42.	Lancair	LC40-550FG	A00003SE	FAR 23	8/11/03
43.	Lake Consolidated Aeronautics- REVO/LanShe	Lake Model 250; Lake Model 250 as modified by STC SA469NE	1A13	FAR 23	8/11/03

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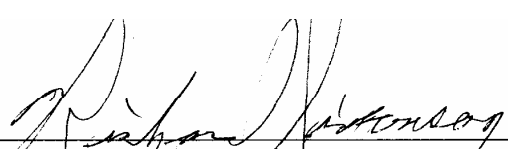
ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	AML REVISION DATE
44.	Maule	M-5-180C M-5-200 MX-7-180, A, B MXT-7-180, A, B, MXT-7-160 MX-7-160	3A23	CAR 3	8/10/2001
45.	Maule	MX-7-180C, M-7-260, MT-7-260C, M-5-210C, M-6-235, A,B, C, M-7-235A,B,C	3A23	CAR 3	8/11/03
46.	Maule	M-5-235C	3A23	CAR 3	8/10/2001
47.	Meyers (Prop-Jets Inc.)	200B, C, D	3A18	CAR 3	8/11/03
48.	Mooney	M20E, F, J, K	2A3	CAR 3	8/10/2001
49.	Mooney	M20J Missile (STC SA00472SE)	2A3	CAR 3	8/11/03
50.	Mooney	M22	A6SW	CAR 3	8/11/03
51.	Mooney	M20K (with Rocket Conversion TSIO520NB)	2A3	CAR 3	8/10/2001
52.	North American	AT-6 (SNJ-2),-6A,B,C,D,E,F, (SNJ-3,4,5,6,7)	A-2-575	CAR 3	8/10/2001
53.	Piper	PA-12, 12S with Lycoming 0-320 STC SA4-456	A-780	CAR 3	8/11/03
54.	Piper	PA-18S "105" PA-18 "125" (Army L-21A) PA-18S "125", PA-18AS "125", PA-18 "135" (Army L-21B), PA-18A "135", PA-18S "135", PA-18AS "135", PA-18 "150", PA-18A "150", PA-18S "150", PA- 18AS "150",	1A2	CAR 3	8/10/2001
55.	Piper	PA-20, -20S, 20-"115", 20S-"115", PA-20-"135", -20S-"135"	1A4	CAR 3	8/10/2001
56.	Piper	PA-22, -22-108, -22-135, -22S-135, PA-22S-150, -22-160, -22S-160	1A6	CAR 3	8/10/2001
57.	Piper	PA-24-400	1A15	CAR 3	8/11/03
58.	Piper	PA-24,-250, -260	1A15	CAR 3	8/10/2001
59.	Piper	PA-25-235	2A8	CAR 3	8/11/03
60.	Piper	PA-28-140,-150,-151,-160,-161, PA-28-180, PA-28S-160, PA-28R-180	2A13	CAR 3	8/10/2001
61.	Piper	PA-28-181, PA-28R-200	2A13	CAR 3	8/10/2001
62.	Piper	PA-28-201T, PA-28RT-201, PA-28RT-201T	2A13	CAR 3	8/11/03
63.	Piper	PA-28-235, -28-236	2A13	CAR 3	8/10/2001

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64.	Sky Enterprises (Republic) Sea Bee	RC-3	A-769	CAR 3	8/11/03
65.	PITTS (AVIAT) White Inter.Ltd.	S-2S, S-2B	A8SO	FAR 23	8/10/2001
66.	Thompson	Navion, A,B,C,D,E,F,G with IO-520 Series eng.	A-782	CAR 3	8/10/2001
67.	Thompson	Navion, B, F, G, H	A-782	CAR 3	8/10/2001
68.	Siai-Marchetti	F.260, B,C,D,F	A10EU	FAR 23 CAR 10	8/10/2001
69.	Swift Museum (Globe)	GC-1B (With Continental IO-360 series engine Per STC SA53NW)	A-766	CAR 4a	8/11/03
70.	Swift Museum (Globe)	GC-1B (With Lycoming 0-320 series engine Per STC SA2-1007)	A-766	CAR 4a	8/11/03
71.	S.O.C.A.T.A Aerospatiale	TB10,TB20, TB21,200	A51EU	FAR 21.29	8/10/2001
72.	Socata	TB 9	A51EU	FAR21.29	8/11/03
73.	Zlin (Moravan)	Z-143L	A76EU	FAR 23	8/11/03

February 19, 1999 Rev NC, Rev. A August 11, 2003

FAA APPROVED: _____


Acting Manager, Special Certification Branch
 Seattle Aircraft Certification Office

Amendment Date: August 11, 2003