

Supplemental Type Certificate

IMPORT

Number ST01700NY

This certificate issued to Aerospace Logic Inc.
43-3150 Ridgeway Drive
Mississauga, Ontario
L5L 5R5 Canada

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 23/3 of the Federal Aviation/Civil Aviation Regulations.

Original Product -- Type Certificate Number : * See attached FAA Approved Model List (AML) number ST01700NY for list of approved airplane models, and applicable installation instructions.
Make :
Model :

Description of Type Design Change:

1. Installation of any of the following Aerospace Logic aircraft instruments: EGT-100 Exhaust Gas Temperature Indicator, CHT-100 Cylinder Head Temperature Indicator, FL-100 Dual Fuel Level Indicator, FP-100 Fuel Pressure and Ammeter Indicator, OL-100 Oil Pressure and Temperature Indicator, and VA-100 Voltmeter and Ammeter Indicator in accordance with Aerospace Logic Instruments Inc. document # STC-100 Ver. 1.4 dated June 10, 2003.

(Continued on Page 2 of 2)

Limitations and Conditions :

1. The Aerospace Logic Instruments Inc. installation must be maintained in accordance with Aerospace Logic Instruments Inc. Instructions for Continued Airworthiness document ICA-100 Ver. 1.0 Transport Canada accepted June 10, 2003.
2. A copy of this certificate and the FAA Approved Model List (AML) No. ST01700NY, amended November 2, 2004, or later FAA approved revisions, must be maintained as part of the permanent records for the modified aircraft.
3. Compatibility of this design change with previously approved modifications must be determined by the installer.
4. 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: June 11, 2003

Date reissued: November 2, 2004

Date of issuance: July 08, 2003

Date amended: November 2, 2004



By direction of the Administrator

[Signature]
(Signature)

Vito A. Pulera
Manager
New York Aircraft Certification Office

(Title)

Supplemental Type Certificate

(Continuation Sheet)

IMPORT

Number ST01700NY

Date of Amendment: November 2, 2004

Limitations and Conditions (continued):

5. **Service and Operating Information:**

Service and repair instructions (bulletins, letters, etc.), the structural repair manual, aircraft flight manual and overhaul and maintenance manuals which contain a statement that the document is Transport Canada approved are accepted by the FAA and are considered as FAA approved. These approvals pertain to the type design only.

...END...

FAA APPROVED MODEL LIST (AML) NO. ST01700NY

AEROSPACE LOGIC INSTRUMENTS

Original Issue Date: July 8, 2003
Amended Date: November 2, 2004

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	INSTALLATION INSTRUCTIONS		AFM SUPPLEMENT NUMBER AND DATE	AML AMENDMENT DATE
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1.	Aeronca	C-3, PC-3	A-396	Aero Bulletin 7A	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
2.	Aeronca	50-TC, 50-TL, 60-TF, 65-TAF, 65-TAL, 65-TC, 65-TF, 65-TL, YO-58	A-728	CAR 4a	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
3.	Aeronca	O-58-A, O-58B, SO-58B	A-751	CAR 4a	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
4.	Aeronca	1 Polm, 1 POSM, C-2 Scout, C-2 Standard, PC-2	ATC 351	Aero Bulletin 7A	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
5.	Aeronca	LA, LB	ATC 596	Aero Bulletin 7A	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
6.	Aeronca	LC, LCS	ATC 614	Aero Bulletin 7A	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004

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7.	Aeronca	50-M, KM	TC 676	Aero Bulletin 7A	See Notes 1-6 for installation of any of the identified indicators. See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
8.	Beech Aircraft Corp	18A, S18A	TC 630	Aero Bulletin 7A	See Notes 1-6 for installation of any of the identified indicators. See Notes 1-6 for installation of any of the identified indicators.	N/A	
9.	Beech Aircraft Corp	18D, A18A, A18D, S18D, SA18A, SA18D	A-684	Aero Bulletin 7A	See Notes 1-6 for installation of any of the identified indicators. See Notes 1-6 for installation of any of the identified indicators.	N/A	
10.	Raytheon Aircraft Co.	19A, B19, M19A, 23, A23, A23-19, A23-24, B23, C23, A24, A24R, B24R, C24R, A23A	AICE	CAR 3	See Notes 1-6 for installation of any of the identified indicators. See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
11.	Raytheon Aircraft Co.	35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, E33A, E33C, F33, F33A, F33C, G33, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 36, A36, A36TC, B36TC	3A15	CAR 3	See Notes 1-6 for installation of any of the identified indicators. See Notes 1-6 for installation of any of the identified indicators.	N/A	
12.	Bellanca/Alexandria	14-12F-3	TC 745	CAR 4a	See Notes 1-6 for installation of any of the identified indicators. See Notes 1-6 for installation of any of the identified indicators.	N/A	

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13.	Bellanca/Alexandria	14-13, 14-13-2, 14-13-3, 14-13-3W	A-773	CAR 4a	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	
14.	Bellanca/Alexandria	17-30A, 17-31, 17-31ATC	A18CE	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	
15.	Bellanca/Alexandria	14-19, 14-19-2, 14-19-3, 17-30, 17-31, 17-31TC	1A3	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	
16.	Bellanca Aircraft	CH-300 Pacemaker	ATC 129	Aero Bulletin 7A	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
17.	Bellanca Aircraft	CH-400 Skyrocket	ATC 319	Aero Bulletin 7A	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
18.	Bellanca Aircraft	300-W Pacemaker	ATC 328	Aero Bulletin 7A	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004

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19.	Bellanca Aircraft	CH6, CH8	ATC 47	Aero Bulletin 7A	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
20.	Bellanca Aircraft	E Pacemaker	ATC 476	Aero Bulletin 7A	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
21.	Bellanca Aircraft	F Skyrocket	TC 2-475	Aero Bulletin 7A	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
22.	Bellanca Aircraft	Pacemaker 31-42	TC 578	Aero Bulletin 7A	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
23.	Bellanca Aircraft	14-9, 14-9L	TC 716	Aero Bulletin 7A	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
24.	Cessna Aircraft	120, 140	A-768	CAR 4a	See Notes 1-3, 5 and 6 for installation of any of the identified indicators.	See Notes 1-3, 5 and 6 for installation of any of the identified indicators.	N/A	

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25.	Cessna Aircraft	140A	5A2	Landplane - CAR 3 Skiplane - CAR 4a Seaplane - CAR 4a	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	
26.	Cessna Aircraft	150, A, B, C, D, E, F, G, H, J, K, L, M, A150L, A150M, 152, A152, A150K	3A19	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
27.	Cessna Aircraft	170, 170A, 170B	A-799	CAR 3	See Notes 1-3, 5 and 6 for installation of any of the identified indicators.	See Notes 1-3, 5 and 6 for installation of any of the identified indicators.	N/A	
28.	Cessna Aircraft	172, A, B, C, D, E, F, G, H, I, K, L, M, N, P, Q	3A12	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	
29.	Cessna Aircraft	172R, 172S	3A12	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	
30.	Cessna Aircraft	175, 175A, 175B, 175C, P172D, R172E, R172F, R172G, R172H, R172J, R172K, 172RG	3A17	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	

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31.	Cessna Aircraft	177, 177A, 177B	A13CE	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	
32.	Cessna Aircraft	177RG	A20CE	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	
33.	Cessna Aircraft	336	A2CE	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
34.	Cessna Aircraft	180, A, B, C, D, E, F, G, H, J, K	5A6	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	
35.	Cessna Aircraft	182, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R, R182, TR182, T182	3A13	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
36.	Cessna Aircraft	182S, 182T, T182T	3A13	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	

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37.	Cessna Aircraft	185, A,B,C,D,E,F, A185E, A185F	3A24	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	
38.	Cessna Aircraft	320, 335, 340, 320-1, 320A, 320B, 320C, 320D, 320E, 320F, 340A	3A25	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
39.	Cessna Aircraft	188, 188A, 188B, A188, A188A, A188B, T188C	A9CE	Restricted – FAR 21 Normal – FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	
40.	Cessna Aircraft	190, 195, 195A, 195B	A-790	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	
41.	Cessna Aircraft	206, P206, A,B,C,D,E, U206, A,B,C,D,E,F,G, TP206A,B,C,D,E, TU206A,B,C,D,E,F,G	A4CE	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	
42.	Cessna Aircraft	C-38	TC668	Aero Bulletin 7A	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004

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43.	Cessna Aircraft	206H, T206H	A4CE	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	
44.	Cessna Aircraft	207, 207A, T207, T207A	A16CE	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	
45.	Cessna Aircraft	T303	A34CE	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
46.	Cessna Aircraft	337, 337A, 337B, 337C, 337D, 337E, 337F, 337G, 337H, M337B, P337H, T337B, T337C, T337D, T337E, T337F, T337G, T337H, T337H-SP	A6CE	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
47.	Cessna Aircraft	210, A,B,C,D,E,F,G,H,J,K,L,M,N,R, T210F,G,H,I,K,L,M,N,R, 210-5, 210-5A, P120N, P210R	3A21	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
48.	Cessna Aircraft	310, 310A, 310B, 310C, 310D, 310E, 310F, 310G, 310H, 310I, 310J, 310J-1, 310K, 310L, 310Q, 310N, 310P, 310R, E310H, E310J, T310P, T310Q, T310R	3A10	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004

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49.	Cessna Aircraft	321	3A11	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
50.	Cirrus Design Corporation	SR20, SR22	A00009CH	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
51.	Commander Aircraft	112, 112B, 112TC, 112TCA, 114, 114A, 114B, 114TC	A12SO	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	
52.	Diamond Aircraft	DA20-A1, DA20-C1	TA4CH	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	
53.	Diamond Aircraft	DA40	A47CE	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	
54.	Global Amphibians (Lake)	Colonial C-1, Colonial C-2, Lake LA-4, Lake LA-4A, Lake LA-4P, Lake LA-4-200, Lake Model 250	1A13	CAR 3 Lake Model 250 – FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	

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55.	Lancair Company	LC40-550FG, LC42-550FG	A00003SE	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
56.	Luscombe Aircraft Corp.	11A, 11E	A-804	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
57.	Luscombe Aircraft Corp.	Luscombe Phantom 1, Luscombe Phantom 1S	TC 552	Aero Bulletin 7A	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
58.	Luscombe Aircraft Corp.	Luscombe 4	TC 687	Aero Bulletin 7A	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
59.	Maule	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180S, M-4-180T, M-4-210, M-4-210C, M-4-210S, M-4-210T, M-5-180C, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-235C, M-6-180, M-6-235, MX-7-180, MX-7-420, MX-7-180AC, M-7-235A, M-7-235B, M-7-235C, M-8-235, MT-7-235, MX-7-160, MX-7-180A, MX-7-180B, MX-7-180C, MXT-7-160, MXT-7-180, MXT-7-180A, M-7-260, M-7-260C, MT-7-260, MX-7-160C	3A23	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004

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60.	Mooney	M20, A,B,C,D,E,F,G,J,K,L,M,R,S	2A3	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	
61.	Mooney	M22	A6SW	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	
62.	Pilatus Aircraft Ltd.	PC-6, PC-6/350, PC-6/350-H1, PC-6/350-H2, PC-6-H1, PC-6-H2	7A15	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
63.	Piper Aircraft Corporation	PA-23, PA-23-160, PA-23-235, PA-23-250, PA-E23-250	1A10	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
64.	Piper Aircraft Corporation	J-3	ATC 660	Aero Bulletin 7A	See Notes 1-3, 5 and 6 for installation of any of the identified indicators.	See Notes 1-3, 5 and 6 for installation of any of the identified indicators.	N/A	
65.	Piper Aircraft Corporation	PA-16, PA-16S	1A1	CAR 3	See Notes 1-3, 5 and 6 for installation of any of the identified indicators.	See Notes 1-3, 5 and 6 for installation of any of the identified indicators.	N/A	

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66.	Piper Aircraft Corporation	PA-30, PA-39, PA-40	A1EA	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A		Nov. 2, 2004
67.	Piper Aircraft Corporation	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, PA-11, PA-11S	A-691	CAR 4a	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A		Nov. 2, 2004
68.	Piper Aircraft Corporation	J3F-50, J3F-50S, J3F-60, J3F-60S, J3F-65, J3F-65S,	A-692	CAR 4a	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A		Nov. 2, 2004
69.	Piper Aircraft Corporation	J3L, J3L-65, J3L-65S, J3L-S	A-698	CAR 4a	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A		Nov. 2, 2004
70.	Piper Aircraft Corporation	J4, J4A, J4A-S	A-703	CAR 4a	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A		Nov. 2, 2004
71.	Piper Aircraft Corporation	J4E	A-740	CAR 4a	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A		Nov. 2, 2004

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72.	Piper Aircraft Corporation	PA-15	A-800	CAR 4a	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
73.	Piper Aircraft Corporation	PA-17	A-805	CAR 3	See Notes 1-3, 5 and 6 for installation of any of the identified indicators.	See Notes 1-3, 5 and 6 for installation of any of the identified indicators.	N/A	
74.	Piper Aircraft Corporation	PA-18, PA-18S, PA-18 "105" (Special), PA-18S "105" (Special), PA-18A, PA-18 "125", PA-18S "125", PA-18AS "125", PA-18 "135", PA-18A "135", PA-18AS "135", PA-18 "150", PA-18A "150", PA-18AS "150", PA-19, PA-19S, PA-18S "135", PA-18S "150"	IA2	CAR 3	See Notes 1-3, 5 and 6 for installation of any of the identified indicators.	See Notes 1-3, 5 and 6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
75.	Piper Aircraft Corporation	PA-20, PA-20S, PA-20 "115", PA-20S "115", PA-20 "135", PA-20S "135"	IA4	CAR 3	See Notes 1-3, 5 and 6 for installation of any of the identified indicators.	See Notes 1-3, 5 and 6 for installation of any of the identified indicators.	N/A	
76.	Piper Aircraft Corporation	PA-22, PA-22-108, PA-22-135, PA-22S-135, PA-22-150, PA-22S-150, PA-22-160, PA-22S-160	IA6	CAR 3	See Notes 1-3, 5 and 6 for installation of any of the identified indicators.	See Notes 1-3, 5 and 6 for installation of any of the identified indicators.	N/A	

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Original Issue Date: July 8, 2003
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77.	Piper Aircraft Corporation	PA-23, PA-23-160, PA-23-235, PA-23-250, PA-E23-250	1A10	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
78.	Piper Aircraft Corporation	PA-24, PA-24-250, PA-24-260, PA-24-400	1A15	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	
79.	Piper Aircraft Corporation	PA-28-140, PA-28-150, PA-28-160, PA-28-235, PA-28S-160, PA-28S-180, PA-28R-180, PA-28R-200, PA-28-151, PA-28-161, PA-28-181, PA-28R-201, PA-28R-201T, PA-28-236, PA-28RT-201, PA-28RT-201T, PA-28-201T	2A13	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	
80.	Piper Aircraft Corporation	PA-32-260, PA-32-300, PA-32S-300, PA-32R-300, PA-32RT-300, PA-32RT-300T, PA-32R-301(SP), PA-32R-301(HP), PA-32-301, PA-32-301T, PA-32R-301T, PA-32-301FT, PA-32-301XTC	A3SO	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
81.	Piper Aircraft Corporation	PA-34-200, PA-34-200T	A7SO	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004

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					NUMBER	REVISION NO. AND DATE		
82.	Piper Aircraft Corporation	PA36-285, PA-36-300, PA-36-375	A9SO	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
83.	Piper Aircraft Corporation	PA-38-112	A18SO	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	
84.	Piper Aircraft Corporation	PA-44-180, PA-44-180T	A19SO	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
85.	Piper Aircraft Corporation	PA-31, PA-31-300, PA-31-325, PA-31-350	A20SO	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
86.	Piper Aircraft Corporation	PA-46-310P, PA-46-350P	A25SO	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
87.	Piper Aircraft Corporation	PA-18A, PA-18A "135", PA-18A "150"	AR-7	CAR 8	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004

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88.	Piper Aircraft Corporation	Cub E-2	ATC 455	Aero Bulletin 7A	See Notes 1-6 for installation of any of the identified indicators. See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
89.	Piper Aircraft Corporation	Cub F-2	ATC 525	Aero Bulletin 7A	See Notes 1-6 for installation of any of the identified indicators. See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
90.	Piper Aircraft Corporation	J-2	ATC 595	Aero Bulletin 7A	See Notes 1-6 for installation of any of the identified indicators. See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
91.	Piper Aircraft Corporation	J-3	ATC 660	Aero Bulletin 7A	See Notes 1-3, 5 and 6 for installation of any of the identified indicators. See Notes 1-3, 5 and 6 for installation of any of the identified indicators.	N/A	
92.	Piper Aircraft Corporation	J3P	TC 695	Aero Bulletin 7A	See Notes 1-6 for installation of any of the identified indicators. See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
93.	Piper Aircraft Corporation	J4B	TC 708	Aero Bulletin 7A	See Notes 1-6 for installation of any of the identified indicators. See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004

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					NUMBER	REVISION NO. AND DATE		
94.	Piper Aircraft Corporation	J4F	TC 721	Aero Bulletin 7A	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
95.	Raytheon Aircraft Co.	56TC, 58, 58A, 95, 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B, 95-C55, 95-C55A, A56TC, B95, B95A, D55, D55A, D95A, E55, E55A, E95	3A16	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
96.	Raytheon Aircraft Co.	A45, D45	5A3	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
97.	Raytheon Aircraft Co.	50, B50, C50, D50, D50A, D50B, D50C, D50E, D50E-5990, E50, F50, G50, H50, J50	5A4	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
98.	Raytheon Aircraft Co.	35,35R, A35, B35, C35, D35, E35, F35, G35	A-777	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
99.	Raytheon Aircraft Co.	60 (Duke), A60, B60	A12CE	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004

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100.	Raytheon Aircraft Co.	58P, 58PA, 58TC, 58TCA	A23CE	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
101.	Raytheon Aircraft Co.	76	A29CE	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
102.	Raytheon Aircraft Co.	77	A30CE	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
103.	Reims Aviation	Cessna F 337G, Cessna FT337GP	A23EU	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
104.	Reims Aviation	Reims-Cessna F182P, Reims-Cessna F182Q, Reims-Cessna FR182	A42EU	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
105.	Reims Aviation	Cessna F150G, Cessna F150H, Cessna F150J, Cessna F150K, Cessna F150L, Cessna F150M, Cessna F152, Cessna FA150L, Cessna FA152, Cessna FRA150L, Cessna FRA150M	A13EU	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004

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					NUMBER	REVISION NO. AND DATE		
106.	Reims Aviation	Cessna F337E, Cessna F337F, Cessna F337H, Cessna FT337E, Cessna FT337F, Cessna FT337HP	A23EU	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
107.	Reims Aviation	Cessna F177RG	A26EU	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
108.	Reims Aviation	Cessna F172D, Cessna F172E, Cessna F172F, Cessna F172G, Cessna F172H, Cessna F172K, Cessna F172L, Cessna F172M, Cessna F172N, Cessna F172P	A4EU	CAR 10	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
109.	Socata-Groupes Aerospatiale	MS 880B, MS 885, MS 892A-150, MS 892E-150, MS 893A, MS 893E, MS 894A, MS 894E, Rallye 100S, Rallye 150ST, Rallye 150T, Rallye 235C, Rallye 235E	7A14	CAR 10	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
110.	Socata-Groupes Aerospatiale	TB 10, TB 20, TB 200, TB 21, TB 9	A-153	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004
111.	Socata-Groupes Aerospatiale	GA-7	A-231	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A	Nov. 2, 2004

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112.	Sierra Hotel Aero, Inc. (Navion)	Navion, Navion (L-17A), Navion A (L-17B), Navion A, Navion B, Navion D, Navion E, Navion F, Navion G, Navion H	A-782	CAR 3	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A Nov. 2, 2004
113.	Vulcanair S.p.A.	P 68 "Observer", P 68C, P 68C-TC, P 68, P 68B, P 68 "Observer 2", P68TC "Observer"	A31EU	FAR 23	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A Nov. 2, 2004
114.	Zenith Aircraft Corp.	Z-6-A	TC 2-269	Aero Bulletin 7A	See Notes 1-6 for installation of any of the identified indicators.	See Notes 1-6 for installation of any of the identified indicators.	N/A Nov. 2, 2004

Note 1: For installation of EGT-100 Exhaust Gas Temperature Indicator; refer to EGT-100 Operations and Installation Manual ASL000001 dated June 5, 2003 Ver. 1.9
 Note 2: For installation of CHT-100 Cylinder Head Temperature Indicator; refer to CHT-100 Operations and Installation Manual ASL000002 dated June 5, 2003 Ver. 1.9
 Note 3: For installation of FL-100 Dual Fuel Level Indicator; refer to FL-100 Operations and Installation Manual ASL000004 dated June 6, 2003 Ver. 1.9
 Note 4: For installation of FP-100 Fuel Pressure and Ammeter Indicator; refer to FP-100 Operations and Installation Manual ASL000008 dated June 6, 2003 Ver. 1.2
 Note 5: For installation of OL-100 Oil Pressure and Temperature Indicator; refer to OL-100 Operations and Installation Manual ASL000003 dated June 5, 2003 Ver. 1.3
 Note 6: For installation of VA-100 Voltmeter and Ammeter Indicator; refer to VA-100 Operations and Installation Manual ASL000009 dated June 6, 2003 Ver. 1.1

FAA Approved:



Vito A. Pulera, Manager
New York Aircraft Certification Office

Original Issue Date: July 8, 2003
Amended Date: November 2, 2004



INSTALLATION OF AEROSPACE LOGIC INSTRUMENTS

Document # STC-100

Note: Any one or combination of any of the following instruments is permissible for installation, including the installation of all instruments.

Installation of EGT-100 Series Instrument

Install in accordance with **EGT-100 Operations and Installation Manual Ver. 1.9** or later Transport Canada Civil Aviation approved version.

Installation of CHT-100 Series Instrument

Install in accordance with **CHT-100 Operations and Installation Manual Ver. 1.9** or later Transport Canada Civil Aviation approved version.

Installation of FL-100 Series Instrument

Install in accordance with **FL-100 Operations and Installation Manual Ver. 1.9** or later Transport Canada Civil Aviation approved version.

Installation of OL-100 Series Instrument

Install in accordance with **OL-100 Operations and Installation Manual Ver. 1.3** or later Transport Canada Civil Aviation approved version.

Installation of FP-100 Instrument

Install in accordance with **FP-100 Operations and Installation Manual Ver. 1.2** or later Transport Canada Civil Aviation approved version.

Installation of VA-100 Instrument

Install in accordance with **VA-100 Operations and Installation Manual Ver. 1.1** or later Transport Canada Civil Aviation approved version.

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
JUN 10 2003	
APPROVED	
BY	
NAPA NO	0-03-0390
CERT/ISSUE NO.	SA 03-56, 2003



Instructions for Continued Airworthiness

For

Aerospace logic Instruments

- EGT-100 Series and all variants
- CHT-100 Series and all variants
- FL-100-R and FL-100-5
- OL-100 Series and all variants
- FP-100 and all variants
- VA-100 and all variants

1. General:

The specific instruments are installed in the aircraft instrument panel.

Senders, probes and transducers are installed in locations as specified in the relative approved installation manuals.

2. Maintenance Instructions:

Maintenance of the specific instruments and associated senders, probes and transducers should be accomplished during routine annual or 100 hour inspections in accordance with applicable airworthiness standards.

No additional maintenance requirements are specified after the installation. Maintenance shall be on a "Condition Monitoring" basis. (Ref.: FAA Procedures 8310.4, paragraph 3033).

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
JUN 10 2003	
ACCEPTED	
B.	
NAPA NO.	0-03-0390
CERT/ISSUE NO.	SA03-26, 2x1

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