

United States of America
Department of Transportation—Federal Aviation Administration
Supplemental Type Certificate

Number SA00680SE

This certificate, issued to **Electronics International
63296 Powell Butte Highway
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 FAA Approved Model List (AML)
Make: No. SA00680SE for a list of the approved airplane
Model: models and applicable airworthiness regulations.

Description of the Type Design Change: Installation of Electronics International Inc. Model UBG-16, or UBG-16T bar graph engine analyzer in accordance with Electronics International Inc. Master Drawing List MDL 1111982, Revision "NEW", dated November 11, 1998, and Installation Instructions II 1111981, dated November 11, 1998, or later FAA approved revisions.

NOTE: The UBG-16 and UBG-16T listed here are designed as advisory engine analyzers, and are not to be used as primary engine instruments.

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 and AML No. SA00680SE 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: November 12, 1998

Date reissued: July 8, 2005

Date of issuance: March 10, 1999

Date amended:



By direction of the Administrator

[Signature]
(Signature)

of 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.

FAA Approved Model List (AML) SA00680SE

For

Electronics International, Inc. Digital Automatic Engine Analyzers

Issue Date: March 10, 1999

Item	Aircraft Make	Aircraft Model	Original Type Certificate Number	Certification Basis For Alteration	FAA Sealed Drawings		Installation Instructions		AML Amended Date
					Number	Revision	Number	Revision	
1	Aero Commander (Voltaire)	10, 10A, 100, 100A, 100-180	1A21	CAR 3	MDL 1111982	11/11/98 IR or Later FAA Approved Revision	II 1111981	11/11/98 IR or Later FAA Approved Revision	7/8/2005
2	Aerocar Inc.	I	4A16	CAR 3	"	"	"	"	Initial Release
3	Aeronca Inc. (Also See American Champion)	C-2 Series	ATC 351	ATC 351	"	"	"	"	Initial Release
		C-3 Series	A 396	Aero Bol. 7-A	"	"	"	"	Initial Release
		K&50 Series	688, 676	688, 676	"	"	"	"	Initial Release
		L Series	ATC 596 & 614	ATC 596 & 614	"	"	"	"	Initial Release
		15 Series	A802	CAR 3	"	"	"	"	Initial Release
4	Aeromot	50-L, 50-LA, 65-LA, 65-LB	A-702	CAR 4A	"	"	"	"	7/8/2005
		AMT-100, AMT-200, AMT-200S, AMT-300	TG00004AT	CFR 21	"	"	"	"	7/8/2005
5	Aerospatiale (Also see Socola)	SE 3160 Alovette	HI IN	CAR 10	"	"	"	"	Initial Release
		III	HI IN	CAR 10	"	"	"	"	Initial Release
		SA 315 Series	HI IN	CAR 10	"	"	"	"	Initial Release
		SA 316 Series	HI IN	CAR 10	"	"	"	"	Initial Release
		SA 319 Series	HI IN	CAR 10	"	"	"	"	Initial Release
		262A Series	A6EU	CAR 10	"	"	"	"	Initial Release
		SN-601	A37EU	FAR 21.29	"	"	"	"	Initial Release
		SA-350 Series, 360 Series	H8 EU	FAR 21.29	"	"	"	"	Initial Release
		SA-365 Series	H10 EU	FAR 21.29	"	"	"	"	Initial Release
		J-2	ATC 620	ATC 620	"	"	"	"	Initial Release
6	Aircraft Associates Inc. Air Tractor	AT-300, -302, -400	A9SW	FAR 21.25(a)(1)	"	"	"	"	Initial Release
		S-1A Series	A737	CAR 4a	"	"	"	"	Initial Release
		S1B Series	A754	CAR 4a	"	"	"	"	Initial Release
9	Alliance Aircraft Group (Helio Enterprises)	H-250, H-295, HT-295	1A8	CAR 3	"	"	"	"	7/8/2005
		H-391B, H-395, H395A	1A8	CAR 3	"	"	"	"	7/8/2005
		H-391	1A8	CAR 3	"	"	"	"	7/8/2005
		H-700, H-800	1A8	CAR 3	"	"	"	"	7/8/2005
10	Alon	See Univair							
		7AC, 7BCM, 7DC, 7TDC	A-759	CAR 4A	"	"	"	"	7/8/2005
11	American Champion (Aeronca, Bellanca, Trytek)	7CCM, 57CCM	A-759	CAR 4A	"	"	"	"	7/8/2005
		71C, 7EC, 57EC, 7HC, 7KC	A-759	CAR 4A	"	"	"	"	7/8/2005
		7GCA, 7GCB, 7GCAA, 7KCAB, 7ECA, 7GCBC	A-759	CAR 4A	"	"	"	"	7/8/2005
		7KCAB, L-16A, L-16B	A-759	CAR 4A	"	"	"	"	7/8/2005
		7GCBA	A-759	CAR 8	"	"	"	"	7/8/2005
		8KCAB, 8GCBC	A21CE	FAR 23	"	"	"	"	7/8/2005
		11AC, 11BC, 11IAC, 11IBC	A-761	CAR 4A	"	"	"	"	7/8/2005
11CC, 11IIC	A-796	CAR 3	"	"	"	"	7/8/2005		
12	American General Aircraft Augustair Inc. (Varga)	See Continental American							
		2150, 2150A, 2180	4A19	CAR 3	"	"	"	"	7/8/2005
14	Aviat Inc.	A-1, A-1A, A-1B	A22NM	FAR 23	"	"	"	"	7/8/2005

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15	<i>(Pitts, Sky, Child F. Doyle) (Christen Industries)</i> Ayres Corp.	S-1 Series	A8SO	FAR 23	MDL 1111982	11/11/98 IR or Later FAA Approved Revision	II 1111981	11/11/98 IR or Later FAA Approved Revision	Initial Release
		S-2 Series	A8SO	FAR 23	"	"	"	"	Initial Release
		S2R Series	A3SW	CAR 3	"	"	"	"	Initial Release
		S2R Series	A4SW	CAR 8	"	"	"	"	Initial Release
		S Series	2A7	CAR8.10(a)(1)	"	"	"	"	Initial Release
		S Series	2A9	CAR8.10(a)(1)	"	"	"	"	Initial Release
		600 Series	A3SW	CAR3	"	"	"	"	Initial Release
		Funk Series	2-564	CAR 04.031	"	"	"	"	Initial Release
		B17B, B17L, SB17L	ATC 560	CAR 4A	"	"	"	"	Initial Release
		B17R	ATC 579	CAR 4A	"	"	"	"	Initial Release
		C17B, C17L	ATC 602	CAR 4A	"	"	"	"	Initial Release
		C17R	ATC 604	CAR 4A	"	"	"	"	Initial Release
		18 Series	A-757, A-765	CAR 4A	"	"	"	"	Initial Release
		19 Series, 23 Series, 24 Series	AICE	CAR Part 3	"	"	"	"	Initial Release
		33 Series, 35 Series, 36 Series	3A15	CAR Part 3	"	"	"	"	Initial Release
45 Series	5A3	CAR Part 3	"	"	"	"	Initial Release		
50 Series	5A4	CAR Part 3	"	"	"	"	Initial Release		
60 Series	A12CE	FAR Part 23	"	"	"	"	Initial Release		
65 Series, 70 Series, 90 Series	3A20	CAR 3	"	"	"	"	Initial Release		
76 Series	A29CE	FAR Part 23	"	"	"	"	Initial Release		
77 Series	A30CE	FAR Part 23	"	"	"	"	Initial Release		
F90 Series	A31CE	FAR Part 23	"	"	"	"	Initial Release		
95 Series, 55 Series, 56 Series	3A16	CAR Part 3	"	"	"	"	Initial Release		
58 Series	A23CE	FAR Part 23	"	"	"	"	Initial Release		
99 Series, 100 Series	A14CE	FAR Part 23	"	"	"	"	Initial Release		
200 Series	A24CE	FAR Part 23	"	"	"	"	Initial Release		
300 Series, 1900 Series, 1900C Series	A24CE	FAR Part 23	"	"	"	"	Initial Release		
47 Series	H-1, 2H3, 2-H1	FAR Part 29	"	"	"	"	Initial Release		
7 Series	A-759	CAR 4A	"	"	"	"	Initial Release		
11 Series	A-761, 796	CAR 4A	"	"	"	"	Initial Release		
14 Series, 17 Series	A18CE	FAR Part 23	"	"	"	"	Initial Release		
8 Series	A21CE	FAR Part 23	"	"	"	"	Initial Release		
300 Series	ATC 328	ATC 328	"	"	"	"	Initial Release		
400 Series	ATC 319	ATC 319	"	"	"	"	Initial Release		
DW-1	A4NW	FAR 21	"	"	"	"	7/8/2005		
75 thru E75, A75JL, A75L300, A75N1 thru E75N1, 1B75A	A-743	CAR 4A	"	"	"	"	7/8/2005		
Twin Pioneer Series 2 & 3	7A7	CAR 10	"	"	"	"	Initial Release		
Beagle B206 Series 1 & 2	A11EU	FAR 21.29	"	"	"	"	Initial Release		
Beagle B121 Series 1, 2 & 3	A22EU	FAR 21.29	"	"	"	"	Initial Release		
18	Bell Helicopter (Textron)								
19	Bellanca Aircraft Corp. <i>(Also See American Champion)</i>								
20	Boeing Aircraft								
21	British Aerospace								

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22	Camair Aircraft Corp. Cessna Aircraft (Also see Reims)	Navion 480	2A2	CAR 3	MDL 1111982	11/11/98 IR or Later FAA Approved Revision	II 1111981	11/11/98 IR or Later FAA Approved Revision	Initial Release
23		120 Series, 140 Series	A768 & 5A2	CAR 4A	"	"	"	"	Initial Release
		C-145, C-165	A-701	CAR 4A	"	"	"	"	7/8/2005
		150 Series, 152 Series	3A19	CAR Part 3	"	"	"	"	Initial Release
		170 Series	A799	CAR Part 3	"	"	"	"	Initial Release
		172 Series, 175 Series	3A12, 3A17	CAR Part 3	"	"	"	"	Initial Release
		177 Series	A13CE, A20CE	FAR Part 23	"	"	"	"	Initial Release
		180 Series	5A6	CAR Part 3	"	"	"	"	Initial Release
		182 Series, 185 Series	3A13, 3A24	CAR Part 3	"	"	"	"	Initial Release
		188 Series	A9CE	FAR Part 23	"	"	"	"	Initial Release
		190 Series, 195 Series	A-790	CAR Part 3	"	"	"	"	Initial Release
		206 Series	A4CE	CAR Part 3	"	"	"	"	Initial Release
		207 Series	A16CE	FAR Part 23	"	"	"	"	Initial Release
		210 Series	3A21	CAR Part 3	"	"	"	"	Initial Release
		303 Series, 305 Series	5A5, 3A14	CAR Part 3	"	"	"	"	Initial Release
		310 Series	3A10	CAR Part 3	"	"	"	"	Initial Release
		320 Series, 335 Series, 340 Series	3A25	CAR Part 3	"	"	"	"	Initial Release
		321	3A11	CAR Part 3	"	"	"	"	7/8/2005
		336	A2CE	CAR Part 3	"	"	"	"	Initial Release
		337	A6CE	CAR Part 3	"	"	"	"	Initial Release
		401 Series, 402 Series, 411 Series, 414 Series, 421 Series, 425 Series	A7CE	CAR Part 3	"	"	"	"	Initial Release
		404	A25CE	FAR Part 23	"	"	"	"	Initial Release
		406	A25CE	FAR Part 23	"	"	"	"	7/8/2005
24	Christen Industries Inc. Child, Doyle F. Clark	See Aviat							Initial Release
25		See Aviat							Initial Release
26		1000	2A6	CAR 8	"	"	"	"	7/8/2005
27	Commander Aircraft	12	2A12	CAR 8	"	"	"	"	7/8/2005
		111 Series, 112 Series	A12S0	FAR 23	"	"	"	"	Initial Release
		114 Series	A12S0	FAR 23	"	"	"	"	Initial Release
		500 Series, 520, 560-A, 560-E	6A1	CAR 3	"	"	"	"	7/8/2005
		560-F, 680, 680-E, 680-F, 680FL, 685	2A4	CAR 3	"	"	"	"	7/8/2005
		700	A12SW	FAR 23	"	"	"	"	7/8/2005
		720	2A4	CAR 3	"	"	"	"	7/8/2005
		114B	A12S0	FAR 23	"	"	"	"	7/8/2005
		Colonial C. Series	1A13	FAR Part 23	"	"	"	"	Initial Release
		Lake I.A. Series	1A13	FAR Part 23	"	"	"	"	Initial Release
28	Consolidated Aeronautic (Lake)	A8EU	FAR 21.29	"	"	"	"	Initial Release	
		DH Series	2-439	FAR 21.29	"	"	"	Initial Release	
		DH Series	2-393	FAR 21.29	"	"	"	Initial Release	
29	De Havilland (Bombardier, Inc.)	80A	2-393	FAR 21.29	"	"	"	Initial Release	
								7/8/2005	

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30	Diamond Aircraft Industries Dornier-Werke	DH Series DH Series L-20A DHC Series DHC Series DA 20-A1, DA 20-C1 DO 27 Q-6 DO 28 A-1, DO 28 B-1 DO 28 D, DO 28 D-1 228-100, 228-101, 228-200, 228-201, 228-202, 228-212 F Series & 280 Series	A-816 A-807 AR-33 AR-13 1A19 TA4CH A8N 7A13 A16EU A16EU HICE	CAR 10 CAR 10 CAR 8 CAR 8 CAR 10 FAR 21 CAR 10 CAR 10 FAR 23 FAR 23 CAR Part 6	MDL 1111982	11/11/98 IR or Later FAA Approved Revision	11/11/98 IR or Later FAA Approved Revision	Initial Release Initial Release 7/8/2005 Initial Release Initial Release 7/8/2005 7/8/2005 7/8/2005 7/8/2005 Initial Release 7/8/2005	
31	Enstrom Helicopter	See Unair	A67EU	FAR 23				7/8/2005	
32	ERCO	EA-300, EA-300S, EA 300/200, 300L	A-706	CAR 4A				7/8/2005	
33	Extra Flugzeugbau	24R9, 24R9S, 24R40, 24R40S, 24R46, 24R46A, 24R46S	A-707	CAR 4A				7/8/2005	
34	Fairchild	24W-9, 24W-9S, 24W-40, 24W-40S, 24W-41, 24W-41A 24W-41AS, 24W-41S, 24W-46, 24W-46S M62A, M62A-3, M62A-4, M62B, M62C, M-628 24 C8C, 24 C8CS	A-707 A-724 A-555 A-2-599	CAR 4A CAR 4A BUL 7A CAR 4A				7/8/2005 7/8/2005 7/8/2005 7/8/2005	
35	Forney	See Unair	A8FC	CAR 10				7/8/2005	
36	Fuji	FA-200-160, 180, 180AO	A-766	CAR 4A				7/8/2005	
37	Globe	GC-1A, GC-1B	ATC354	ATC354				Initial Release	
38	Great Lakes	2T Series 2T Series 2T Series 2T Series	ATC-167 2-3339 ATC22B A18EA	ATC-167 ATC228 FAR 23 FAR 21				Initial Release Initial Release Initial Release Initial Release 7/8/2005	
39	Grob	G-115, 115A, 115B, 115C, 115C2, 115D, 115D2	A-57EU	FAR 21				Initial Release	
40	Gulfstream Aerospace	111 Series 112 Series 114 Series	1150 A1250 A1250	FAR Part 23 FAR Part 23 FAR Part 23				Initial Release Initial Release Initial Release	
41	Gulfstream American (American General) (Grumman Aircraft) (Tiger Aircraft) (Socata Group Aerospace)	Grumman: G164 Series G Series GA Series AA Series	1A16 1A17, A12EA A1750 A11EA, A16EA	CAR 8.10 CAR 4B FAR Part 23 FAR Part 23				Initial Release Initial Release Initial Release Initial Release	
42	Helio Aircraft (Also see Alliance Aircraft)	H-250	1A8	CAR 3				7/8/2005	
43	Hiller	15A, 20 UH-12 Series	3A3 6H1	CAR 4A CAR 6				Initial Release	

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44	Hughes Helicopters	UH-12 Series	6H2	CAR 6	MDL 1111982	11/11/98 IR or Later, FAA Approved Revision	II 1111981	11/11/98 IR or Later, FAA Approved Revision	Initial Release
45	Hynes	UH-12 Series	4H10	CAR 6	"	"	"	"	Initial Release
46	Industrie Aeronautiche Meccaniche	UH-12 Series	4H11	CAR 6	"	"	"	"	Initial Release
47	Interceptor	UH-12 Series	HIWE	CAR 6	"	"	"	"	Initial Release
48	Jodel	UH-12 Series	4H12	CAR Part 6	"	"	"	"	Initial Release
49	Lake	300 & 269 Series	2H2	CAR Part 6	"	"	"	"	Initial Release
50	Luscombe	H-2, H-4	A12EU	FAR 21.29	"	"	"	"	Initial Release
51	Marchetti (Also see SIAI)	PD 808/526	7A4	CAR 10	"	"	"	"	Initial Release
52	Maule Aircraft Corp.	P-166 Series	A3IN	CAR 10	"	"	"	"	7/8/2005
53	McDonnell Douglas	See Prop-Jets	A4IN	CAR 10	"	"	"	"	7/8/2005
54	Meyers	D-140-B	A10IN	CAR 10	"	"	"	"	7/8/2005
55	Mooney	DR-1050	A14IN	CAR 10	"	"	"	"	7/8/2005
56	Navion	D-1190			"	"	"	"	Initial Release
57	North American Aviation	150			"	"	"	"	Initial Release
58	Partenavia Costruzioni Aeronautiche	See Consolidated Aeronautics	1A8	CAR 3	"	"	"	"	Initial Release
59	Piaggio	H-295	1A8	CAR 3	"	"	"	"	Initial Release
		HT-295	1A8	CAR 3	"	"	"	"	Initial Release
		H-391	1A8	CAR 3	"	"	"	"	Initial Release
		H-391B	1A8	CAR 3	"	"	"	"	Initial Release
		H-395	1A8	CAR 3	"	"	"	"	Initial Release
		H995A	A2EA	CAR 3	"	"	"	"	Initial Release
		500	A-694	CAR 4A	"	"	"	"	7/8/2005
		8A thru 8F, T-8F	A9EU	FAR 21	"	"	"	"	7/8/2005
		S205-18F, -18/R	A9EU	FAR 21	"	"	"	"	7/8/2005
		S205-20F, -20/R	A9EU	FAR 21	"	"	"	"	7/8/2005
		S205-22/R	A9EU	FAR 21	"	"	"	"	7/8/2005
		S208, S208A	A10EU	CAR 3	"	"	"	"	7/8/2005
		F260, F260B-F	3A23	CAR Part 3	"	"	"	"	Initial Release
		M Series	A-807	CAR 4	"	"	"	"	Initial Release
		DC3 Series	A-618	CAR 4	"	"	"	"	Initial Release
		DC4 Series			"	"	"	"	7/8/2005
		See Prop-Jets			"	"	"	"	
		M-18C, M-18C55, M-18L, M-18LA	A-803	CAR 3	"	"	"	"	7/8/2005
		M20 Series	2A3	CAR 3	"	"	"	"	Initial Release
		M22	A6SW	CAR 3	"	"	"	"	Initial Release
		See Camiar, Ryan and Thompson			"	"	"	"	Initial Release
		AT-6	A-2-575	CAR 4A	"	"	"	"	Initial Release
		P68 Series	A31EU	FAR 21.29	"	"	"	"	Initial Release
		P 136-L Series	A813	CAR 10	"	"	"	"	Initial Release

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60	<i>(Also see Industrie)</i> Pilatus Britten-Norman	P-166, P-166B, P-166C	7A4	CAR 10	"	"	"	"	7/8/2005
		BN Series	A17EU	FAR 21.29	"	"	"	"	Initial Release
		PC-6, PC-6HI, PC-6HD	A17EU	CAR 3	"	"	"	"	7/8/2005
61	Piper Aircraft	2 Series	ATC595	ATC595	MDL 1111982	11/11/98 IR or Later FAA Approved Revision	II 1111981	11/11/98 IR or Later FAA Approved Revision	Initial Release
		J3 Series	ATC660	ATC660	"	"	"	"	Initial Release
		J3 Series	A-691	CAR 4A	"	"	"	"	Initial Release
		J3 Series	A-692	CAR 4A	"	"	"	"	Initial Release
		J3 Series	A-698	CAR 4A	"	"	"	"	Initial Release
		J3 Series	695	695	"	"	"	"	Initial Release
		J4 Series	A-703	CAR 4A	"	"	"	"	Initial Release
		J4 Series	708	708	"	"	"	"	Initial Release
		J4 Series	A-740, 721	CAR 4A	"	"	"	"	Initial Release
		J4 Series	A-725	CAR 4A	"	"	"	"	Initial Release
		J5 Series	A-691	CAR 4A	"	"	"	"	7/8/2005
		PA-11, PA-11S	A-780	CAR 3	"	"	"	"	Initial Release
		PA12 Series	A-797	CAR 3	"	"	"	"	Initial Release
		PA14 Series	A-800	CAR 3	"	"	"	"	Initial Release
		PA15 Series	IA1	CAR 3	"	"	"	"	Initial Release
		PA16 Series	A-805	CAR 3	"	"	"	"	Initial Release
		PA17 Series	IA2	CAR 3	"	"	"	"	Initial Release
		PA18 Series	AR-7	CAR 8.10(b)	"	"	"	"	Initial Release
		PA-19, PA-19S	IA2	CAR 3	"	"	"	"	7/8/2005
		PA20 Series	IA4	CAR 3	"	"	"	"	Initial Release
		PA22 Series	IA61EU	CAR 3	"	"	"	"	Initial Release
		PA23 Series	IA10	CAR 3	"	"	"	"	Initial Release
		PA24 Series	IA15	CAR 3	"	"	"	"	Initial Release
PA25 Series	2A8	CAR 3	"	"	"	"	Initial Release		
PA25 Series	2A10	CAR 8.10(b)	"	"	"	"	Initial Release		
PA25 Series	2A13	CAR 3	"	"	"	"	Initial Release		
PA28 Series	A1EA	CAR 3	"	"	"	"	Initial Release		
PA30 Series, PA39 Series, PA40 Series	A8EA	CAR 3 (FAR 23)	"	"	"	"	Initial Release		
PA31 Series	A3SO	CAR 3	"	"	"	"	Initial Release		
PA32 Series	A7SO	FAR 23	"	"	"	"	Initial Release		
PA34 Series	A9SO	FAR 23	"	"	"	"	Initial Release		
PA36 Series	A10SO	FAR 21	"	"	"	"	Initial Release		
PA36 Series	A18SO1	FAR 23	"	"	"	"	Initial Release		
PA38 Series	A19SO	FAR 23	"	"	"	"	Initial Release		
PA44 Series	A25SO	FAR 23	"	"	"	"	Initial Release		
PA46 Series	A17WE	FAR 23	"	"	"	"	Initial Release		
		PA60-600, PA60-601, PA-60-601P, PA60-602P, PA60-700P							

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62	Pitts	See Aviat	3A18	CAR 3	"	"	"	"	Initial Release
63	Prop Jets Inc. (Aero Comm.)	200 Series	A4EU	CAR 10	"	"	"	"	Initial Release
64	Reims Aviation (Cessna)	172 Series	A18EU	FAR 21.29	"	"	"	"	Initial Release
		172 Series	A13EU	FAR 21.29	"	"	"	"	Initial Release
		150 Series	A42EU	CAR 3	"	"	"	"	Initial Release
		182 Series	A23EU	FAR 21.29	"	"	"	"	Initial Release
		337 Series	A26EU	FAR 23	"	"	"	"	Initial Release
65	Revo	See Lobe	"	"	"	"	"	7/8/2005	
66	Robinson Helicopter Rockwell International (Also see Ayres)	R 22	H10WE	FAR 27	"	"	"	"	Initial Release
		111 Series	A1250	FAR 23	"	"	"	"	Initial Release
67	Rusr, Robert F. (Chippmunk) Ryan Aeronautical Co.	112 & 114 Series	A7SO	FAR 23	"	"	"	"	Initial Release
		500, 520, 560	6A1	CAR 3	"	"	"	"	Initial Release
		680, 720	2A4	CAR 3	"	"	"	"	Initial Release
		21 Series, 22 Series	A44EU	FAR 21.29	"	"	"	"	Initial Release
68	Ryan Aircraft Corp.	SCW-145	658	CAR 4A	"	"	"	"	Initial Release
		ST Series	ATC 571	CAR 4A	"	"	"	"	Initial Release
		ST Series	ATC 681	CAR 4A	"	"	"	"	Initial Release
		ST Series	A-749	CAR 4A	"	"	"	"	Initial Release
69	Ryan Aircraft Corp.	B Series	ATC 25	CAR 4A	"	"	"	"	Initial Release
		See Sky Enterprises	"	"	"	"	"	"	7/8/2005
70	Sea Bee	S205-18F, -18R	A9EU	FAR 21	"	"	"	"	7/8/2005
		S205-20F, -20R	A9EU	FAR 21	"	"	"	"	7/8/2005
		S205-22R	A9EU	FAR 21	"	"	"	"	7/8/2005
		S208, S208A	A10EU	CAR 3	"	"	"	"	7/8/2005
		F260, F260B-F	A86EU	FAR 23	"	"	"	"	7/8/2005
71	SIAI Marchetti	S211A	HRISO	FAR 21.25	"	"	"	"	Initial Release
		H19 Series	2-391	FAR 21.25	"	"	"	"	Initial Release
		S-39 Series	A-593	Aero Buh-7A	"	"	"	"	Initial Release
		S-43 Series	752	CAR 4A	"	"	"	"	Initial Release
		VS-44-A	H-2	CAR 6	"	"	"	"	Initial Release
		S-51 Series	H-3	CAR 6	"	"	"	"	Initial Release
		S-52 Series	HINE	CAR 6	"	"	"	"	Initial Release
		S-55 Series	HINE	CAR 6	"	"	"	"	Initial Release
		S-58 Series	HINE	CAR 6	"	"	"	"	Initial Release
		S-61 Series	HINE	CAR 7	"	"	"	"	Initial Release
72	Sikorsky Aircraft	S-62A Series	HINE	CAR 7	"	"	"	"	Initial Release
		S-64 Series	HINE	CAR 8	"	"	"	"	Initial Release
		S-76 Series	HINE	FAR 29	"	"	"	"	Initial Release

680SE
Engine Analyzers

Issue Date: March 10, 1999

Aircraft Model	FAA Sealed Drawings		Installation Instructions		AML Amended Date
	Number	Revision	Number	Revision	
TC-3	MDL 1111982	11/11/98 IR or Later FAA Approved Revision	II 1111981	11/11/98 IR or Later FAA Approved Revision	7/8/2005
see Aviat					7/8/2005
IB9, IB10, IB20, IB21					Initial Release
IB200					7/8/2005
23 Series					Initial Release
23 Series					Initial Release
23 Series					Initial Release
23 Series					Initial Release
1 Series					Initial Release
4 Series					Initial Release
4 Series					Initial Release
5 Series					Initial Release
SM Series					Initial Release
SM Series					Initial Release
SM Series					Initial Release
SM Series					Initial Release
SM Series					Initial Release
SM Series					Initial Release
SM Series					Initial Release
SM Series					Initial Release
SM Series					Initial Release
SM Series					Initial Release
SM Series					Initial Release
SR Series					Initial Release
SR Series					Initial Release
SR Series					Initial Release
SR Series					Initial Release
SR Series					Initial Release
SR Series					Initial Release
SR Series					Initial Release
UC-1 (Twin-Bee)					Initial Release
Republic RC-3					Initial Release
GC Series					Initial Release
BC & BCS Series					Initial Release
19 & F21					Initial Release
DC Series					7/8/2005
DF-65, DL-65, DCO-65, L-2, L-2A, L-2B, L-2C, L-2E, L-2M					Initial Release
BF Series					Initial Release
BL Series					Initial Release
A thru Z Series					Initial Release
L-17A, L-17B, L-17C					7/8/2005

FAA Approved Mo

Electronics International, Inc

Aircraft Model	FAA Sealed Drawings	Installation Instructions	AML Amended Date
TC-3	MDL 1111982	II 1111981	7/8/2005
IB9, IB10, IB20, IB21			Initial Release
IB200			7/8/2005
23 Series			Initial Release
23 Series			Initial Release
23 Series			Initial Release
23 Series			Initial Release
1 Series			Initial Release
4 Series			Initial Release
4 Series			Initial Release
5 Series			Initial Release
SM Series			Initial Release
SM Series			Initial Release
SM Series			Initial Release
SM Series			Initial Release
SM Series			Initial Release
SM Series			Initial Release
SM Series			Initial Release
SM Series			Initial Release
SM Series			Initial Release
SR Series			Initial Release
SR Series			Initial Release
SR Series			Initial Release
SR Series			Initial Release
SR Series			Initial Release
SR Series			Initial Release
SR Series			Initial Release
SR Series			Initial Release
UC-1 (Twin-Bee)			Initial Release
Republic RC-3			Initial Release
GC Series			Initial Release
BC & BCS Series			Initial Release
19 & F21			Initial Release
DC Series			7/8/2005
DF-65, DL-65, DCO-65, L-2, L-2A, L-2B, L-2C, L-2E, L-2M			Initial Release
BF Series			Initial Release
BL Series			Initial Release
A thru Z Series			Initial Release
L-17A, L-17B, L-17C			7/8/2005

Approved Model List (AML) SA00680SE

For

International, Inc. Digital Automatic Engine Analyzers

Issue Date: March 10, 1999

Original Type Certificate Number	Certification Basis For Alteration	FAA Sealed Drawings		Installation Instructions		AML Amended Date
		Number	Revision	Number	Revision	
		MDL 1111982	11/11/98 IR or Later FAA Approved Revision	II 1111981	11/11/98 IR or Later FAA Approved Revision	
						7/8/2005
ATC 655	Aero Bul. 7a	"	"	"	"	Initial Release
A-634	Aero Bul. 7a	"	"	"	"	Initial Release
A-738	CAR 4A	"	"	"	"	7/8/2005
A-767	CAR 3	"	"	"	"	Initial Release
A2EA	CAR 3	"	"	"	"	Initial Release
A-787	CAR 3	"	"	"	"	Initial Release
A-787	CAR 3	"	"	"	"	Initial Release
A-787	CAR 3	"	"	"	"	Initial Release
A-787	CAR 3	"	"	"	"	Initial Release
A-709	CAR 4A	"	"	"	"	7/8/2005
A-787	CAR 3	"	"	"	"	7/8/2005
A-718	CAR 4A	"	"	"	"	Initial Release
A-787	CAR 3	"	"	"	"	Initial Release
A-774	CAR 4A	"	"	"	"	7/8/2005
4A19	CAR 3	"	"	"	"	7/8/2005
ATC26	ATC26	"	"	"	"	Initial Release
644	644	"	"	"	"	Initial Release
677	677	"	"	"	"	Initial Release
598	598	"	"	"	"	Initial Release
714	CAR 4A	"	"	"	"	Initial Release
ATC41	ATC41	"	"	"	"	Initial Release
ATC123	ATC123	"	"	"	"	Initial Release
ATC168	ATC168	"	"	"	"	Initial Release
ATC538	ATC538	"	"	"	"	Initial Release
ATC639	ATC639	"	"	"	"	Initial Release
ATC597	ATC597	"	"	"	"	Initial Release
ATC42	ATC42	"	"	"	"	Initial Release
665	665	"	"	"	"	Initial Release
2-430	2-430	"	"	"	"	Initial Release
ATC 13	ATC 13	"	"	"	"	Initial Release
2-363	2-363	"	"	"	"	Initial Release
2-361	2-361	"	"	"	"	Initial Release
ATC313	ATC 313	"	"	"	"	Initial Release
ATC468	ATC468	"	"	"	"	Initial Release
ATC491	ATC491	"	"	"	"	Initial Release
ATC453	ATC453	"	"	"	"	Initial Release
ATC502	ATC502	"	"	"	"	Initial Release

FAA Approved Model List (AML) SA00680SE

For

Electronics International, Inc. Digital Automatic Engine Analyzers

Issue Date: March 10, 1999

Item	Aircraft Make	Aircraft Model	Original Type Certificate Number	Certification Basis For Alteration	FAA Sealed Drawings		Installation Instructions		AML Amended Date
					Number	Revision	Number	Revision	
					MDL 1111982	11/11/98 IR or Later FAA Approved Revision	II 1111981	11/11/98 IR or Later FAA Approved Revision	
			ATC466	AT466	"	"	"	"	Initial Release
		R Series, S Series	ATC311	ATC311	"	"	"	"	Initial Release
		R Series, S Series	ATC543	ATC543	"	"	"	"	Initial Release
		R Series, S Series	ATC542	ATC542	"	"	"	"	Initial Release
		U Series, Y Series, Z Series	ATC586	ATC586	"	"	"	"	Initial Release
		U Series, Y Series, Z Series	ATC627	ATC627	"	"	"	"	Initial Release
		U Series, Y Series, Z Series	A10WE	FAR 21.25	"	"	"	"	Initial Release
		201 Series	A26WE	FAR 21.25	"	"	"	"	Initial Release
		620 Series			"	"	"	"	Initial Release
87	Weatherly Aviation								

End of List

Amended Date: 07/08/2005

FAA Approved:



Acting Manager, Seattle Aircraft Certification Office