

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 Bufl. 7-A	"	"	"	"	Initial Release	
		K&50 Series	688, 676	688, 676	"	"	"	"	Initial Release	
		L Series	ATC 596 & 614	ATC 596 & 614	"	"	"	"	Initial Release	
4	Aeromot	15 Series	A802	CAR 3	"	"	"	"	Initial Release	
		50-L, 50-LA, 65-LA, 65-LB	A-702	CAR 4A	"	"	"	"	7/8/2005	
5	Aerospatiale (Also see Socata)	AMT-100, AMT-200, AMT-200S, AMT-300	TG00004AT	CFR 21	"	"	"	"	7/8/2005	
		SE 3160 Alovelette	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	HI0 EU	FAR 21.29	"	"	"	"	Initial Release	
		J-2	ATC 620	ATC 620	"	"	"	"	"	Initial Release
		AT-300, -302, -400	A9SW	FAR 21.25(a)(1)	"	"	"	"	"	Initial Release
		6	Aircraft Associates Inc. Air Tractor	S-1A Series	A737	CAR 4a	"	"	"	"
S1B Series	A754			CAR 4a	"	"	"	"	Initial Release	
7	Artic Aircraft Co.	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	
		See Univair	"	"	"	"	"	"	7/8/2005	
8	Alliance Aircraft Group (Helio Enterprises)	7AC, 7BCM, 7DC, 7DDC	A-759	CAR 4A	"	"	"	"	7/8/2005	
		7CCM, 7TCCM	A-759	CAR 4A	"	"	"	"	7/8/2005	
		7JC, 7EC, 7TEC, 7HC, 7KC	A-759	CAR 4A	"	"	"	"	7/8/2005	
		7GCA, 7GCB, 7GCAA, 7KCAB, 7ECA, 7GBCB	A-759	CAR 4A	"	"	"	"	7/8/2005	
		7KCAB, L-16A, L-16B	A-759	CAR 4A	"	"	"	"	7/8/2005	
9	Alon	7GCBA	A-759	CAR 8	"	"	"	"	7/8/2005	
		8KCAB, 8GCBC	A21CE	FAR 23	"	"	"	"	7/8/2005	
		11AC, 11BC, S11AC, S11BC	A-761	CAR 4A	"	"	"	"	7/8/2005	
		11CC, S11CC	A-796	CAR 3	"	"	"	"	7/8/2005	
		See Gulfstream American	"	"	"	"	"	"	7/8/2005	
10	American Champion (Aeronca, Bellanca, Trytek)	2150, 2150A, 2180	4A19	CAR 3	"	"	"	"	7/8/2005	
		A-1, A-1A, A-1B	A22NM	FAR 23	"	"	"	"	7/8/2005	
11	American General Aircraft Augustair Inc. (Varga)	A-1, A-1A, A-1B	"	"	"	"	"	"	7/8/2005	
		"	"	"	"	"	"	"	7/8/2005	
12	American General Aircraft	"	"	"	"	"	"	"	7/8/2005	
13	Augustair Inc. (Varga)	"	"	"	"	"	"	"	7/8/2005	
14	Aviat Inc.	"	"	"	"	"	"	"	7/8/2005	

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	
15	(Pitts, Sky, Child F. Doyle) (Christen Industries) Ayres Corp.	S-1 Series	ASSO	FAR 23	MDL 1111982	11/11/98 IR or Later FAA Approved Revision	"	11/11/98 IR or Later FAA Approved Revision	Initial Release
		S-2 Series	ASSO	FAR 23	"	"	"	"	Initial Release
		S2R Series	A3SW	CAR 3	"	"	"	"	Initial Release
		S2R Series	A4SW	CAR 8	"	"	"	"	Initial Release
		S Series	2A7	CAR 8 10(a)(1)	"	"	"	"	Initial Release
		S Series	2A9	CAR 8 10(a)(1)	"	"	"	"	Initial Release
		600 Series	A3SW	CAR 3	"	"	"	"	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		
18	Bell Helicopter (Textron)	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, A75H, A75L300, A75N1, B75A	A-743	CAR 4A	"	"	"	7/8/2005	
		Twin Pioneer Series 2 & 3	7A7	CAR 10	"	"	"	Initial Release	
19	Bellanca Aircraft Corp. (Also See American Champion)	Beagle B206 Series 1 & 2	A11EU	FAR 21.29	"	"	"	Initial Release	
		Beagle B121 Series 1, 2, & 3	A22EU	FAR 21.29	"	"	"	Initial Release	
20	Boeing Aircraft								
21	British Aerospace								

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	
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, 332 Series, 340 Series	3A25	CAR Part 3	"	"	"	"	7/8/2005
		321	3A11	CAR Part 3	"	"	"	"	Initial Release
		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	"	"	"	"	7/8/2005
		406	A25CE	FAR Part 23	"	"	"	"	Initial Release
24	Christen Industries Inc.	See Aviat							Initial Release
25	Child, Doyle F.	See Aviat							Initial Release
26	Clark	1000	2A6	CAR 8	"	"	"	"	7/8/2005
		12	2A12	CAR 8	"	"	"	"	7/8/2005
		111 Series, 112 Series	A12S0	FAR 23	"	"	"	"	Initial Release
27	Commander Aircraft	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
28	Consolidated Aeronautic (Lake)	Colonial C. Series	1A13	FAR Part 23	"	"	"	"	Initial Release
		Lake L.A. Series	1A13	FAR Part 23	"	"	"	"	Initial Release
		DH Series	A8EU	FAR 21.29	"	"	"	"	Initial Release
29	De Havilland (Bombardier, Inc.)	DH Series	2-439	FAR 21.29	"	"	"	"	Initial Release
		80A	2-393	FAR 21.29	"	"	"	"	7/8/2005

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 Scaled 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	
		DH Series	A-816	CAR 10	"	"	"	"	Initial Release
		DH Series	A-807	CAR 10	"	"	"	"	Initial Release
		L-20A	AR-33	CAR 8	"	"	"	"	7/8/2005
		DHC Series	AR-13	CAR 8	"	"	"	"	Initial Release
		DHC Series	IA19	CAR 10	"	"	"	"	Initial Release
		DA 20-A1, DA20-C1	TA4CH	FAR 21	"	"	"	"	7/8/2005
30	Diamond Aircraft Industries	DO 27 Q-6	A81N	CAR 10	"	"	"	"	7/8/2005
	Dornier-Werke	DO 28 A-1, DO 28 B-1	7A13	CAR 10	"	"	"	"	7/8/2005
		DO 28 D, DO 28 D-1	A16EU	FAR 23	"	"	"	"	7/8/2005
		228-100, 228-101, 228-200, 228-201, 228-202, 228-212	A16EU	FAR 23	"	"	"	"	7/8/2005
31	Enstrom Helicopter	F Series & 280 Series	HICE	CAR Part 6	"	"	"	"	Initial Release
32	ERCO	See <i>Univair</i>							7/8/2005
33	Extra Flugzeugbau	EA-300, EA-300S, EA 300/200, 300L	A67EU	FAR 23	"	"	"	"	7/8/2005
34	Fairchild	24R9, 24R9S, 24R40, 24R40S, 24R46, 24R46A, 24R46S 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 M-84-C	A-706 A-707 A-707 A-724 A-535 A-2-599	CAR 4A CAR 4A CAR 4A CAR 4A BUL 7A CAR 4A	"	"	"	"	7/8/2005 7/8/2005 7/8/2005 7/8/2005 7/8/2005 7/8/2005 7/8/2005
35	Forney	See <i>Univair</i>							7/8/2005
36	Fuji	FA-200-160, 180, 180AO	A4PC	CAR 10	"	"	"	"	7/8/2005
37	Globe	GC-1A, GC-1B	A-766	CAR 4A	"	"	"	"	7/8/2005
38	Great Lakes	2T Series	ATC354	ATC354	"	"	"	"	Initial Release
		2T Series	ATC-167	ATC-167	"	"	"	"	Initial Release
		2T Series	2-3339	2-3339	"	"	"	"	Initial Release
		2T Series	ATC22B	ATC228	"	"	"	"	Initial Release
		2T Series	A18EA	FAR 23	"	"	"	"	Initial Release
		2T Series	A-57EU	FAR 21	"	"	"	"	7/8/2005
39	Grob	G-115, 115A, 115B, 115C, 115C2, 115D, 115D2	115O	FAR Part 23	"	"	"	"	Initial Release
40	Gulfstream Aerospace	111 Series	A12SO	FAR Part 23	"	"	"	"	Initial Release
		112 Series	A12SO	FAR Part 23	"	"	"	"	Initial Release
		114 Series	A12SO	FAR Part 23	"	"	"	"	Initial Release
41	Gulfstream American (American General) (Gruzman Aircraft) (Tiger Aircraft) (Socata Group Aerospatiale)	Gruzman: G164 Series G Series GA Series AA Series	IA16 IA17, A12EA A17SO 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	IA8	CAR 3	"	"	"	"	Initial Release
		15A, 20	3A3	CAR 4A	"	"	"	"	7/8/2005
43	Hiller	UH-12 Series	6H1	CAR 6	"	"	"	"	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	
		UH-12 Series	6H2	CAR 6					Initial Release
		UH-12 Series	4H10	CAR 6					Initial Release
		UH-12 Series	4H11	CAR 6					Initial Release
		UH-12 Series	H1WE	CAR 6					Initial Release
44	Hughes Helicopters	300 & 269 Series	4H12	CAR Part 6					Initial Release
45	Hynes	H-2, H-4	2H2	CAR Part 6					Initial Release
46	Industrie Aeronautiche E Meccaniche	PD 808/526	A12EU	FAR 21.29					Initial Release
47	Interceptor	P-166 Series	7A4	CAR 10					Initial Release
48	Jodel	See Prop-Jets							7/8/2005
		D-140-B	A31N	CAR 10					7/8/2005
		DR-1050	A41N	CAR 10					7/8/2005
		D-1190	A101N	CAR 10					7/8/2005
		150	A141N	CAR 10					7/8/2005
49	Lake	See Consolidated Acronautics							Initial Release
	LTD (Navion)		1A8	CAR 3					Initial Release
		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
		HD95A	1A8	CAR 3					Initial Release
		500	A2EA	CAR 3					Initial Release
50	Luscombe	8A thru 8F, T-8F	A-694	CAR 4A					7/8/2005
51	Marchetti (Also see SIAI)	S205-18/F, -18/R	A9EU	FAR 21					7/8/2005
		S205-20/F, -20/R	A9EU	FAR 21					7/8/2005
		S205-22/R	A9EU	FAR 21					7/8/2005
		S208, S208A	A9EU	FAR 21					7/8/2005
		F260, F260B-F	A10EU	CAR 3					7/8/2005
52	Maule Aircraft Corp.	M Series	3A23	CAR Part 3					Initial Release
53	McDonnell Douglas	DC3 Series	A-807	CAR 4					Initial Release
		DC4 Series	A-618	CAR 4					Initial Release
54	Meyers	See Prop-Jets							7/8/2005
55	Mooney	M-18C, M-18C55, M-18L, M-18LA	A-803	CAR 3					7/8/2005
		M20 Series	2A3	CAR 3					Initial Release
		M22	A65W	CAR 3					Initial Release
56	Navion	See Camair Ryan and Thompson							Initial Release
57	North American Aviation	AT-6	A-2-575	CAR 4A					Initial Release
58	Partenavia Costruzioni Aeronautiche	P68 Series	A31EU	FAR 21.29					Initial Release
59	Piaggio	P.136-L Series	A813	CAR 10					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	
60	<i>(Also see Industrie)</i> Pilatus Britten-Norman	P-166, P-166B, P-166C	7A4	CAR 10	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
		BN Series PC-6, PC-6-H1, PC-6-H2	A17EU A17EU	FAR 21.29 CAR 3					Initial Release 7/8/2005
61	Piper Aircraft	2 Series	ATC595	ATC595					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
		J5 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
		PA18 Series	IA2	CAR 3					7/8/2005
		PA-19, PA-19S	IA2	CAR 3					Initial Release
		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							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	
62	Pitts	See Aviat							
63	Prop Jets Inc. (Aero Comm.)	200 Series	3A18	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
64	Reims Aviation (Cessna)	172 Series	A4EU	CAR 10	"	"	"	"	Initial Release
		172 Series	A18EU	FAR 21.29	"	"	"	"	Initial Release
		150 Series	A13EU	FAR 21.29	"	"	"	"	Initial Release
		182 Series	A42EU	CAR 3	"	"	"	"	Initial Release
		337 Series	A23EU	FAR 21.29	"	"	"	"	Initial Release
		177 Series	A26EU	FAR 23	"	"	"	"	Initial Release
65	Revo	See Lzke							7/8/2005
66	Robinson Helicopter Rockwell International (Also see Ayres)	R.22	H10WE	FAR 27	"	"	"	"	Initial Release
		111 Series	A12SO	FAR 23	"	"	"	"	Initial Release
		112 & 114 Series	A7SO	FAR 23	"	"	"	"	Initial Release
		500, 520, 560	6A1	CAR 3	"	"	"	"	Initial Release
		680, 720	2A4	CAR 3	"	"	"	"	Initial Release
67	Rus, Robert F. (Chipmunk)	21 Series, 22 Series	A44EU	FAR 21.29	"	"	"	"	Initial Release
68	Ryan Aeronatical Co.	SCW-145	658	CAR 4A	"	"	"	"	Initial Release
		ST Series	ATC 371	CAR 4A	"	"	"	"	Initial Release
		ST Series	ATC 681	CAR 4A	"	"	"	"	Initial Release
		ST Series	A-749	CAR 4A	"	"	"	"	Initial Release
		B Series	ATC 25	CAR 4A	"	"	"	"	Initial Release
69	Ryan Aircraft Corp.	See Sky Enterprises							7/8/2005
70	Sea Bee	S205-18/F, -18/R	A9EU	FAR 21	"	"	"	"	7/8/2005
		S205-20/F, -20/R	A9EU	FAR 21	"	"	"	"	7/8/2005
		S205-22/R	A9EU	FAR 21	"	"	"	"	7/8/2005
		S208, S208A	A9EU	FAR 21	"	"	"	"	7/8/2005
		F260, F260B-F	A10EU	CAR 3	"	"	"	"	7/8/2005
		S211A	A86EU	FAR 23	"	"	"	"	7/8/2005
71	Sikorsky Aircraft	H19 Series	HR1SO	FAR 21.25	"	"	"	"	Initial Release
		S-39 Series	2-391	FAR 21.25	"	"	"	"	Initial Release
		S-43 Series	A-593	Aero Bul-7A	"	"	"	"	Initial Release
		VS-44-A	752	CAR 4A	"	"	"	"	Initial Release
		S-51 Series	H-2	CAR 6	"	"	"	"	Initial Release
		S-52 Series	H-3	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
		S-62A Series	HINE	CAR 7	"	"	"	"	Initial Release
		S-64 Series	HINE	CAR 8	"	"	"	"	Initial Release
		S-76 Series	HINE	FAR 29	"	"	"	"	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	
73	Sky Enterprises (SeaBee)	RC-3	A-769	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
74	Sky International	See Aviat	A51EU	FAR 23					7/8/2005
75	Socata Group Aerospiale (Gulfstream American)	TB9, TB10, TB20, TB21	A51EU	FAR 23					Initial Release
76	Stearman Aircraft	TB200	ATC55	ATC55					7/8/2005
		C3 Series	2-159	2-159					Initial Release
		C3 Series	2-445	2-445					Initial Release
		C3 Series	ATC-305	ATC-305					Initial Release
		4 Series	2-155	2-155					Initial Release
		4 Series	ATC-305	ATC-305					Initial Release
		4 Series	ATC-292	ATC-292					Initial Release
		6 Series	ATC459	ATC459					Initial Release
		SM Series	ATC16	ATC16					Initial Release
		SM Series	ATC136	ATC146					Initial Release
		SM Series	ATC48	ATC48					Initial Release
		SM Series	ATC45	ATC45					Initial Release
77	Stinson (Univair)	SM Series	ATC61	ATC61					Initial Release
		SM Series	ATC94	ATC94					Initial Release
		SM Series	ATC98	ATC98					Initial Release
		SM Series	ATC519	ATC519					Initial Release
		SR Series	ATC530	ATC530					Initial Release
		SR Series	ATC580	ATC580					Initial Release
		SR Series	ATC594	ATC594					Initial Release
		SR Series	ATC608	ATC608					Initial Release
		SR Series	ATC609	ATC609					Initial Release
		SR Series	ATC621	ATC621					Initial Release
		SR Series	ATC625	ATC625					Initial Release
		SR Series	ATC640	ATC640					Initial Release
		UC-1 (Twin-Bee)	A6EA	CAR 3					Initial Release
		Republic RC-3	A-769	CAR 3					Initial Release
		GC Series	A-766	CAR 4A					Initial Release
		BC & BCS Series	A-696	CAR Part 4					Initial Release
		19 & F21	1A9	CAR Part 3					Initial Release
		DC Series	A-746	CAR 4A					Initial Release
DF-65, DL-65, DCO-65, L-2, L-2A, L-2B, L-2C, L-2E, L-2M	A-746	CAR 4A					7/8/2005		
BF Series	A-699	CAR 4A					Initial Release		
BL Series	A-700	CAR 4A					Initial Release		
78	STOL Amphibian Corp.	A thru Z Series	A-782	CAR 3				Initial Release	
		L-17A, L-17B, L-17C	A-782	CAR 3				7/8/2005	
79	Swift Museum Foundation								
80	Taylorcraft Aviation	BC & BCS Series	A-696	CAR Part 4					Initial Release
		19 & F21	1A9	CAR Part 3				Initial Release	
		DC Series	A-746	CAR 4A					Initial Release
		DF-65, DL-65, DCO-65, L-2, L-2A, L-2B, L-2C, L-2E, L-2M	A-746	CAR 4A					7/8/2005
81	Thompson, Jimmie, Enterprise (Navion)	BF Series	A-699	CAR 4A				Initial Release	
		BL Series	A-700	CAR 4A				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	
82	Tiger Aircraft Trytek, E.J. (American Champion)	See <i>Chiffstream American</i>							
83		Aerona CF, KC	AIC 655	Aero Bul. 7a	"	"	"	"	7/8/2005
84	Univar Aircraft Corp. (Alon) (Forney) (Mooney) (ERCO)	Aerona K, KS	A-634	Aero Bul. 7a	"	"	"	"	Initial Release
		10A, 10B	A-738	CAR-4A	"	"	"	"	Initial Release
		108 Series	A-767	CAR 3	"	"	"	"	7/8/2005
		108 Series	A2EA	CAR 3	"	"	"	"	Initial Release
		F-1 & F-1A	A-787	CAR 3	"	"	"	"	Initial Release
		E & G	A-787	CAR 3	"	"	"	"	Initial Release
		415D	A-787	CAR 3	"	"	"	"	Initial Release
		A-2 & A-2A	A-787	CAR 3	"	"	"	"	Initial Release
		HW-75	A-709	CAR 4A	"	"	"	"	Initial Release
		L-5, L-5B, L-5C, L-5-D, L-5-E, L-5-E1, L-5-G	A-787	CAR 3	"	"	"	"	7/8/2005
		M10	A-718	CAR 3	"	"	"	"	Initial Release
		415C & 415CD	A-718	CAR 4A	"	"	"	"	Initial Release
		415-D, E, G	A-787	CAR 3	"	"	"	"	7/8/2005
		V-77	A-774	CAR 4A	"	"	"	"	7/8/2005
85	Varga Aircraft Corp.	2150 Series	4A19	CAR 3	"	"	"	Initial Release	
86	Waco Aircraft	A Series	ATC26	ATC26	"	"	"	"	Initial Release
		A Series	644	644	"	"	"	"	Initial Release
		A Series	677	677	"	"	"	"	Initial Release
		A Series	598	598	"	"	"	"	Initial Release
		A Series	714	CAR 4A	"	"	"	"	Initial Release
		A Series	ATC41	ATC41	"	"	"	"	Initial Release
		A Series	ATC123	ATC123	"	"	"	"	Initial Release
		A Series	ATC168	ATC168	"	"	"	"	Initial Release
		B Series, C Series	ATC538	ATC538	"	"	"	"	Initial Release
		B Series, C Series	ATC639	ATC639	"	"	"	"	Initial Release
		D Series	ATC597	ATC597	"	"	"	"	Initial Release
		D Series	ATC42	ATC42	"	"	"	"	Initial Release
		E Series	665	655	"	"	"	"	Initial Release
		E Series	2-430	2-430	"	"	"	"	Initial Release
		G Series	ATC 13	ATC 13	"	"	"	"	Initial Release
		G Series	2-363	2-363	"	"	"	"	Initial Release
		I Series, J Series, K Series	2-361	2-361	"	"	"	"	Initial Release
		I Series, J Series, K Series	ATC313	ATC 313	"	"	"	"	Initial Release
		O Series, P Series, Q Series	ATC468	ATC468	"	"	"	"	Initial Release
		O Series, P Series, Q Series	ATC491	ATC491	"	"	"	"	Initial Release
O Series, P Series, Q Series	ATC453	ATC453	"	"	"	"	Initial Release		
O Series, P Series, Q Series	ATC502	ATC502	"	"	"	"	Initial Release		

