

Department of Transportation Federal Aviation Administration

# Supplemental Type Certificate

*Number* SA01157LA

*This certificate, issued to* **Electronics International, Inc.  
63296 Powell Butte Hwy.  
Bend, OR 97701**

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified herein meets the airworthiness requirements of Part 21 of the Federal Aviation Regulations.*

*Original Product* : Type Certificate Number: \* See attached FAA Approved Model List (AML);  
*Make* : No. SA01157LA for a list of approved aircraft  
*Model* : models and applicable airworthiness TCDS

*Description of the Type Design Change:* Installation of Electronics International Model FP-5 or FP-5L Fuel Flow/Fuel Pressure Instrument as a replacement instrument in accordance with document H SO506931 revisions listed on the attached AML No. SA01157LA, or later FAA approved revision

*Limitations and Conditions:* The installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft. The approval of this modification applies to the above noted airplane model series only. A copy of this STC, the AML and Airplane Flight Manual Supplement, AFM2112, Rev. B, or later FAA approved revision must be included in the permanent records of 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 suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* September 11, 2000

*Date issued:* December 3, 2001 January 20, 2005

*Date of issuance:* June 1, 2003

*Date amended:* January 20, 2005



*By direction of the Administrator*

*[Signature]*

15620005

Acting Manager, Seattle Aircraft Certification Office

(17)

Any alteration of this certificate is prohibited by a fine of not less than \$1,000 or imprisonment not exceeding 5 years, or both.

*This certificate may be transferred in accordance with FAR 21.47*

Department of Transportation—Federal Aviation Administration  
**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* SA01157LA

**Electronics International, Inc.**

Reissued: December 3, 2001 January 20, 2005

Amended: January 20, 2005

*Limitations and Conditions: (cont'd)*

In locations where this STC removes an existing combination manifold pressure (MAP)/fuel flow instrument an FAA approved MAP gage must be installed in the aircraft with the FP-5 or FP-5L fuel flow/fuel pressure instrument installed by this STC.

This instrument must not be the primary source of information for determining the fuel quantity on board.

The instrument fuel pressure limits must be programmed at the factory and may not be pilot programmable.

- END -

**FAA Approved Model List (AML) SA01157LA**  
**For Installation of**  
**Electronics International, Inc. Primary Fuel Flow/Pressure Instruments**

Issue Date: June 1, 2001

row	Aircraft Make	Aircraft Model	Original Type Certificate Number	Certification Basis for Alteration	Flight Manual Supplement		Installation Instructions		AMT Amended Date
					Number	Revision	Number	Revision	
					9102	9102	9102	9102	
1	Aero Commander	440	1421	CFR 23	-	-	-	-	-
2	Aeromob	580	1195	CFR 23	-	-	-	-	-
2	Aerospaciale	560	1000	CFR 23	-	-	-	-	-
4	Alliance Aircraft Group <i>(Helo Helicopters)</i>	EC135 EC155	152 153	CFR 23 CFR 23	-	-	-	-	-
5	Alouette	540	1000	CFR 23	-	-	-	-	-
1	American Biamp	540	1000	CFR 23	-	-	-	-	-
	American Champion <i>(Champion Aviation Products)</i>	540, 540A, 540B, 540C, 540D, 540E, 540F, 540G, 540H, 540I, 540J, 540K, 540L, 540M, 540N, 540O, 540P, 540Q, 540R, 540S, 540T, 540U, 540V, 540W, 540X, 540Y, 540Z	1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030	CFR 23	-	-	-	-	-
1	American General Aircraft	540	1000	CFR 23	-	-	-	-	-
5	Augustine Inc. (Varen)	540	1000	CFR 23	-	-	-	-	-
10	Avial Inc. <i>(The Sky Chief Product of Aviation Industries)</i>	540, 540A, 540B, 540C, 540D, 540E, 540F, 540G, 540H, 540I, 540J, 540K, 540L, 540M, 540N, 540O, 540P, 540Q, 540R, 540S, 540T, 540U, 540V, 540W, 540X, 540Y, 540Z	1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030	CFR 23	-	-	-	-	-
11	Beech Aircraft Corp.	540, 540A, 540B, 540C, 540D, 540E, 540F, 540G, 540H, 540I, 540J, 540K, 540L, 540M, 540N, 540O, 540P, 540Q, 540R, 540S, 540T, 540U, 540V, 540W, 540X, 540Y, 540Z	1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030	CFR 23	-	-	-	-	-



FAA Approved Model List (AML) SA011571A  
For Installation of  
Electronics International, Inc. Primary Fuel Flow/Pressure Instruments

Issue Date: June 1, 2001

Item	Aircraft Make	Aircraft Model	Original Type Certificate Number	Certification Basis For Alteration	Flight Manual Supplement		Installation Instructions		AML Amended Date
					Number	Revision	Number	Revision	
					AMEL-1	Revision Approved	Installation Approved	Revision Approved	
16	Chid Doyle &	See AML	1000	1000	-	-	-	-	-
18	Chrosten Industries	See AML	1000	1000	-	-	-	-	-
17	Cirrus Design Corporation	See AML	See AML	15K70	-	-	-	-	10/22/01
19	Clark	See AML	100	1000	-	-	-	-	12/13/01
21	Commander Aircraft	DL 1128-111 1111-111 1111-11 111-111-111 1111-111 1111-11 DL 1128-111 1111-111 1111-11 DL 1128-111 1111-111 1111-11 DL 1128-111 1111-111 1111-11 DL 1128-111 1111-111 1111-11	1000	15K71	-	-	-	-	10/22/01
21	Dallas/Fort Worth Aircraft	DL 1128-111 1111-111 1111-11 DL 1128-111 1111-111 1111-11 DL 1128-111 1111-111 1111-11 DL 1128-111 1111-111 1111-11 DL 1128-111 1111-111 1111-11 DL 1128-111 1111-111 1111-11 DL 1128-111 1111-111 1111-11 DL 1128-111 1111-111 1111-11 DL 1128-111 1111-111 1111-11 DL 1128-111 1111-111 1111-11	1000	15K72	-	-	-	-	10/22/01
21	Diamond Aircraft Industries	DA 40, DA 40-1, DA 40-2 DA 42	1000	15K73	-	-	-	-	10/22/01
22	Dornier-Work	DL 1128-111 1111-111 1111-11 DL 1128-111 1111-111 1111-11 DL 1128-111 1111-111 1111-11 DL 1128-111 1111-111 1111-11	1000	15K74	-	-	-	-	10/22/01
23	E-BU-40	See AML	-	-	-	-	-	-	-
24	Elex Flugzeugbau	See AML	1000	1000	-	-	-	-	10/22/01
25	Evans	See AML	-	-	-	-	-	-	10/22/01
26	Flitecraft	See AML	1000	1000	-	-	-	-	10/22/01
27	Gulfstream American Corp	GA 800, GA 800-1, GA 800-2 GA 800, GA 800-1, GA 800-2	1000	15K75	-	-	-	-	10/22/01
28	Interceptor	See AML	-	-	-	-	-	-	-
28	Inlet	DL 1128-111 1111-111 1111-11 DL 1128-111 1111-111 1111-11 DL 1128-111 1111-111 1111-11 DL 1128-111 1111-111 1111-11	1000	15K76	-	-	-	-	10/22/01
29	Lake Control	See AML	1000	1000	-	-	-	-	10/22/01
30	Lake Control	See AML	1000	1000	-	-	-	-	10/22/01



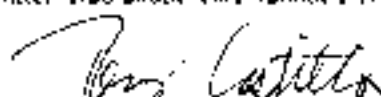
**FAA Approved Model List (AML) SA01157LA**  
**For Installation of**  
**Electronics International, Inc. Primary Fuel Flow/Pressure Instruments**

Issue Date: June 1, 2001

No.	Aircraft Make	Aircraft Model	Original Type Certificate Number	Certification Basis For Alteration	Flight Manual Supplement		Installation Instructions		AML Amended Date
					Number	Revision	Number	Revision	
33					AM, II	01-01-0001 000001 000001 000001	01-01-0001 000001 000001 000001		
		Boeing 737-400	14791	CAK					
		Boeing 737-500	14792	CAK					
		Boeing 737-600	14793	CAK					
42	Pitts	See List							01-01-0001
43	Prop Jets (Prop. Jets) Aircraft Manufacturer: Boeing	See List		CAK					01-01-0001
44	Boeing	See List							01-01-0001
45	Boeing	See List							01-01-0001
46	Sky International	See List							01-01-0001
47	Sucata Group (Sucata)	Boeing 737-400	14791	CAK					
		Boeing 737-500	14792	CAK					
		Boeing 737-600	14793	CAK					
48	Stinson	See List							
49	Swift	See List							01-01-0001
50	Thompson Aircraft Manufacturer: Boeing	Boeing 737-400	14791	CAK					01-01-0001
		Boeing 737-500	14792	CAK					
51	Tiger Aircraft	See List							
52	Tritek	See List							
53	Univair Aircraft Aircraft Manufacturer: Boeing	Boeing 737-400	14791	CAK					
		Boeing 737-500	14792	CAK					
		Boeing 737-600	14793	CAK					
54	Varga	See List							
55	WNA - PZL - Marzec (PZL) United List	See List		CAK					

Amended Date: 1/20/2005; 10/17/2005; 1/10/2006

FAA Approved: \_\_\_\_\_



Acting Manager, Seattle Aircraft  
 Certification Office