

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

Number SA2350NM

This certificate, issued to Electronics International, Inc.

*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 Civil Air Regulations.*

Original Product — Type Certificate Number: * * See Attached Master Eligibility List
Make: * (MEL) Number SA2350NM for list of
Model: * approved airplane models and applicable
airworthiness regulations.

Description of Type Design Change: Installation of Electronics International, Inc. Digital Carburetor/Outside Air Temperature Gauges listed on the attached Continuation Sheet, and the associated accessories in accordance with Electronics International, Inc. Installation Instructions No. II 070781-1.

Limitations and Conditions:

Approval of this change in type design applies to the above referenced models 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. (Continued on Page 3 of 3, Continuation Sheet.)

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: July 8, 1983

Date reissued:

Date of issuance: February 16, 1984

Date amended: May 26, 1987



By direction of the Administrator

D. L. Ruggin
(Signature)

Assistant 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.

United States of America
Department of Transportation—Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Number

SUPPLEMENTAL TYPE CERTIFICATE NO. SA2350NM

Description of Type Design Change: (Continued)

Approved Electronics International, Inc. Carburetor/Outside Air Temperature Gauges:

<u>Model</u>	<u>Type</u>
EAE-1	EGT Left, OAT and EGT Right
A-1	OAT Gauge
EAC-1	EGT, OAT and CHT Gauge
CA-1	Carb/Outside Air Temp. Gauge

NOTE: The models listed herein are designed for monitoring exhaust gas and cylinder head temperatures and are not primary instruments.

Limitations and Conditions: (Continued)

A copy of this Certificate, Continuation Sheet, Master Eligibility List (MEL) SA2350NM, Electronics International, Inc. Installation Instructions No. II 070781-1 and Operating Instructions No. OI 040831 shall be maintained as part of the permanent records for the modified aircraft.

- END -

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

LIST of ACTIVE PAGES
for
Approved Model List (AML) SA2350NM

DATE
June 6, 1990

<u>PAGE</u>	<u>AMENDMENT DATE</u>
This Page -----	June 6, 1990
1 -----	None
2 -----	None
3 -----	None
4 -----	June 6, 1990
5 -----	None
6 -----	None
7 -----	None
8 -----	None
9 -----	None
10 -----	None
11 -----	June 6, 1990

FAA Approved Stewart R Miller

Amended _____

FAA APPROVED

ELECTRONICS INTERNATIONAL, INC.

MASTER ELIGIBILITY LIST (MEL) SA2350NM

FOR

INSTALLATION OF ELECTRONICS INTERNATIONAL DIGITAL CARBURETOR/OUTSIDE AIR TEMPERATURE GAUGES

DATE: February 16, 1984

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	FAA SEALED DRAWING/DRAWING LIST		AFM SUPPLEMENT NUMBER/DATE	MEL AMENDMENT DATE
					NUMBER	REV.		
1.	Aerocar Inc.	I	4A16	CAR 3	TD 010972			
2.	Aeronca Inc.	C-2 Series C-3 Series K & 50 Series L Series 15 Series	ATC 351 A 396 688, 676 ATC 596 & 614 A802	ATC 351 Aero Bul. 7-A 688, 676 ATC 596 & 614 CAR 3				
3.	Aircraft Associates Inc.	J-2	ATC 620	ATC 620				
4.	Arctic Aircraft Co.	S-1A Series S-1B Series	A737 A754	CAR 4a CAR 4a				
5.	Ayres Corp.	S2R Series	A3SW, A4SW	CAR 3 CAR 8				
6.	Air Tractor Inc.	AT-300, -300, -302, -400	A9SW	FAR 21.25(a)(1)				
7.	Ballouer	Funk Series	2-564	CAR 04.031				

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*8.	Beech Aircraft Corp	18 Series 19, 23, 24 Series 33, 35, 36 Series 45 Series 50 Series 60 Series 65, 90 Ser. 76 Series 77 Series 95, 55, 56 Series 58 Series Series	A-757, -765 A-1CE 3A15 5A3 5A4 A12CE 3A20 A29CE A30CE 3A16 A23CE	CAR 4a CAR 03 CAR Part 3 CAR Part 3 CAR Part 03 CAR Part 3 FAR Part 23 CAR 3 Part 23 Part 23 CAR Part 3 FAR Part 23	TD 010972			
9.	Bell Helicopter Textron	47 Series	H-1, 2H3, 2H1	CAR 6	TD 010972			

* NOTE: Amended Item #8 to remove Beech F90, 99, 100 and 200 Series aircraft on 5/26/87.

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10.	Bellanca Aircraft Corp.	7 Series 11 Series 14, 17 Series 8 Series 300 Series 400 Series	A-759 A-761, 796 A-18CE A21CE ATC328 ATC319	CAR Part 4a CAR 4a CAR 3 FAR Part 23 FAR Part 23 ATC328 ATC319	TD 010972			
11.	British Aerospace	Twin Pioneer Series 2 & 3 Beagle B206 Series 1 & 2 Beagle B121 Series 1, 2 & 3	7A7 A11EU A22EU	CAR 10 FAR 21.29 (CAR 3) FAR 21.29 (FAR 23)				
12.	Cessna Aircraft	120, 140 Series 150, 152 Series 170 Series 172, 175 Series 177 Series 180 Series	A768, 5A2 3A19 A799 3A12, 3A17 A13CE, A20CE 5A6	CAR 4a CAR 3 (CAR 4a) CAR Part 3 CAR Part 03 CAR Part 3 FAR Part 23 CAR Part 3				

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12	Cessna Aircraft (Cont.)	182, 185 Series 188 Series 190 Series 206 Series 207 Series 210 Series 303, 305 Series 310 Series 320,335,340 Series 336, 337 401, 402 411,414,421 425 Series 404 Series	3A13, 3A24 A9CE A-790 A4CE A16CE 3A21 5A5, 3A14 3A10 3A25 A2CE, A6CE A7CE A25CE	CAR Part 3 FAR Part 21 CAR 3 CAR Part 3 FAR Part 23 CAR Part 3 CAR Part 3 CAR 3 CAR Part 3 CAR 3, CAR Part 3 CAR Part 3 FAR Part 23	TD 010972			6/06/90
13	Child Doyle F.	S-1, S-2, Series (Pitts)	ABS0	FAR 21 (FAR 23)				
14	Consolidated Aero-nautics	Colonial C. Series, Lake LA Series	1A13	CAR 03				
15	Enstrom Helicopter	F Series, 280 Series	HICE	CAR Part 6				

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16.	Great Lakes	2T Series	ATC-167 2-3339 ATC228 ATC354 A18EA	ATC-167 2-3339 ATC228 ATC354 FAR 23	TD 010972			
17.	Gulfstream American	Grumman: G-164 Series G Series AA Series GA Series	1A16 1A17, A12EA A11EA, A16EA A17SO	CAR 8.10(a)(1) CAR 4b FAR 23 FAR 23				
18.	Hiller Aviation	UH-12 Series	6H1, 6H2, 4H10, 4H11, HIWE	CAR 6				
19.	Hughes Helicopters	300 Series, 269 Series	4H12	CAR Part 6				
20.	Hynes	H-2, H-4 Series	2H2	CAR Part 6				
21.	Maule Aircraft Corp.	M Series	3A23	CAR Part 3				
22.	Mooney Aircraft	M20 Series	2A3	CAR 3				

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23.	North American Aviation	AT-6 Series	A-2-575	CAR 4a	TD 010972			
24.	Partenavia Costruzioni Aeronautiche	P68 Series	A31EU	FAR 21.29 (FAR 23)				
25.	Pilatus Britten-Norman	BN Series	A17EU	FAR 21.29, FAR 23				
26.	Piper Aircraft Corp.	J2 Series J3 Series J4 Series J5 Series PA12 Series PA14 Series PA15 Series PA16 Series PA17 Series PA18 Series PA20 Series	ATC595 ATC660, A-691, A-692, A698, 695 A-703, 708, A-740, 721 A-725 A-780 A-797 A-800 1A1 A-805 1A2, AR-7 1A4	ATC595 ATC 660 CAR 4a CAR 4a CAR 4a 695 CAR 4a 708 CAR 4a CAR 4a CAR 3 CAR 3 CAR 3 CAR 3 CAR 3 CAR 3 CAR 3 CAR 3 CAR 8.10(b) CAR 3				

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26.	Piper Aircraft Corp. (Cont'd)	PA22 Series	1A6	CAR 3	TD 010972			
		PA23 Series	1A10	CAR 3				
		PA24 Series	1A15	CAR 3				
		PA25 Series	2A8, 2A10	CAR 3 CAR 8.10(b)				
		PA 30, 39, 40 Series	A1EA	CAR 3				
		PA31 Series	A8EA	CAR 3 (FAR 23)				
		PA36 Series	A9SO, A10SO	FAR 23 FAR 21				
		PA38 Series	A18SO	FAR 23				
		PA28 Series	2A13	CAR 3				
		PA32 Series	A3SO, A7SO	CAR 3 FAR 23				
	PA44 Series	A19SO	FAR 23					
27.	Prop-Jets Inc (Aero Commander)	200 Series	3A18	CAR 3				
28.	Reims Aviation (Cessna)	172 Series	A4EU, A18EU	CAR 10 FAR 21.29 (CAR 3)				
		150 Series	A13EU	FAR 21.29				
		182 Series	A42EU	CAR Part 3				
		337 Series	A23EU	FAR 21.29 (FAR 23)				
		177 Series	A26EU	FAR Part 23				
29.	Robinson Helicopter	R22	H10WE	FAR 27				

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30.	Rockwell International	111 Series, 112 Series, 11 Series	A12S0	FAR 23 (FAR 36)	TD 010972			
31.	Rust, Robert E. (Chipmunk)	21, 22 Series	A44EU	FAR 21.29				
32.	Stearman Aircraft	C3 Series 4 Series 6 Series	ATC55, 2-159 2-445 ATC251 2-155 ATC305 ATC292 ATC459	ATC55 2-159 2-445 ATC251 2-155 ATC305 ATC292 ATC459				
33.	Stinson Division	SM Series SR Series	ATC16 ATC136 ATC48 ATC145 ATC161 ATC194 ATC298 ATC519 ATC530 ATC580 ATC594 ATC608 ATC609	ATC16 ATC136 ATC48 ATC145 ATC161 ATC194 ATC298 ATC519 ATC530 ATC580 ATC594 ATC608 ATC609				

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33.	Stinson Division (Cont'd)	SR Series (Cont'd)	ATC621 ATC625 ATC640	ATC621 ATC625 ATC640	TD 010972			
34.	Taylorcraft Aviation	BC & BCS Series 19 & F21 Series DC Series BF Series BL Series	A-696 1A9 A746 A-699 A-700	CAR Part 04 CAR Part 3 CAR 4a CAR 4a CAR 4a				
35.	Thompson, Jimmie, Enterprise (Navion)	A through H Series	A-782	CAR 3				
36.	Varga Aircraft Corp.	2150 Series	4A19	CAR 3				
37.	Waco Aircraft	A_ Series B & C Series	ATC 26, 664, 677, 598, 714, ATC 41 ATC 123 ATC 168, ATC 538	ATC 26 664 677 598 CAR 4a ATC 41 ATC 123 ATC 168 ATC 538				

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37.	Waco Air-craft (Cont'd)	B & C Series (Cont'd) D Series E Series G Series I, J, K Series O, P, Q Series R & S Series U, Y, Z Series	ATC 362 ATC 240 ATC 352 ATC 575 ATC639 ATC597 ATC42 665 2-430 ATC 13 2-363 ATC345 2-361 ATC 313 ATC468 ATC464 ATC491 ATC453 ATC502 ATC466 ATC311 ATC543 ATC479 ATC473 ATC467 ATC499 ATC511 ATC546 ATC568 ATC626	ATC 362 ATC 240 ATC 352 ATC 575 ATC639 ATC597 ATC42 665 2-430 ATC 13 2-363 ATC345 2-361 ATC 313 ATC468 ATC464 ATC491 ATC453 ATC502 ATC466 ATC311 ATC543 ATC479 ATC473 ATC467 ATC499 ATC511 ATC546 ATC568 Aero Bul. 7A	TD 010972			

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37	Waco Aircraft (Cont.)	U, Y, Z Series	ATC542 ATC586 ATC 627	ATC542 ATC586 ATC627	TD 010972			11/13/86	
38	Weatherly Aviation	201 Series 620 Series	A10WE A26WE	FAR 21.25(a) CAM 8) FAR 21.25(a)	TD 010972				
39	Stol Amphibian Corp.	UC-1 (Twin-Bee) Republic RC-3	A6EA	CAR 3	TD 121161	12/11/86		6/06/90	
			A-769	CAR 03	TD 121161	12/11/86		6/06/90	
40	Univair Aircraft Corp. (Erco) (Forney) (Erco) (Mooney) (Erco)	(Stinson) 108, 108-1, -2, -3, -5 G F-1 F-1A E 415-D M10 415-CD	A-767	CAR 3				6/06/90	
			A-787	CAR 3					
			A-787	CAR 3					
			A-787	CAR 3					
			A-787	CAR 3					
			A-787	CAR 3					
			A-718	CAR 4a					