8103

United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA660WE

This certificate, issued to HTL Division-Pacific Scientific

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 3 or 4a *of the* Civil Air *Regulations.*

Original Product — Type Certificate Number: See Master Eligibility List No. 660

Make: See Master Eligibility List No. 660

Model: See Master Eligibility List No. 660

Description of Type Design Change: Installation of HRD-type fire extinguishing system in accordance with American Standard Advance Technology Laboratories RMC Instruments Sealed Drawing List Numbers as listed on sealed FAA Approved Master Eligibility List No. 660.

Limitations and Conditions: The approval of this change in type design applies basically to the aircraft models listed on FAA Approved Master Eligibility List No. 660 and should not be extended to other specific airplanes of this model on which other previously approved modifications are incorporated, unless it is determined that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that airplane. American Standard Advanced Technology Laboratories RMC Instruments FAA Approved AFM Supplement per sealed Master Eligibility List is required.

This certificate and the type design 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: 20 March 1964

Date of issuance: 27 April 1964

Date reissued: 15 December 1969; 30 Dec. 1971; February 4, 1987

Date amended:

By direction of the Administrator

Marvin F. Rammelsberg

(Signature)

for Manager, Western 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 Form 8110-2 (10-68)

FAA APPROVED

MASTER ELIGIBILITY LIST

NUMBER 660

ITEM NO.	AIRCRAFT			KIT NO.	SEALED DRAWING LIST			AFM SUPPLEMENT	
	MAKE	MODEL	TC NO.		DWG. NO.	REV.	DATE	DATE	REVISED
1.	Beech	65; 65/80; 65/A80; A65	3A20	23404	23404	E	12/18/72	5/26/64	5/16/74
2.	Beech	95; B95; B95A; D95A; 95-55; 95-A55	3A16	60-001	60-001	D	12/18/72	12/19/63	
3.	Cessna	175; 175A; 175B; 175C; P172D	3A17	60-002	60-002	B	12/18/72	4/27/64	
4.	Piper	PA-23; PA-23-160; PA-23-235; PA-23-250	1A10	60-003	60-003	C	12/18/72	4/27/64	
5.	Beech	A35; B35; C35; D35; E35; F35; G35; 35R	A777	60-004	60-004	D	2/22/74	5/9/68	6/25/74
6.		Deleted							
7.	Beech	50; B50; C50; D50; D50A; D50B; D50C; D50E; E50; F50; G50; H50; J50	5A4 & STC SA76SW	23404	23404	E	12/18/72	5/26/64	5/16/74
8.	Cessna	310; 310A; 310B; 310C; 310D; 310F; 310G; 310H; E310H	3A10	60-005	60-005	B	12/18/72	5/26/64	
9.	Beech	65/A80; 65/80; 65; F50; 50; C50; D50A; D50B; D50C; D50E; E50; G50; H50; J50; B50; D50	3A20 & SA4	60-006	60-006	C	12/18/72	9/29/64	

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	MAKE	MODEL	TC NO.		DWG. NO.	REV.	DATE	DATE	REVISED
10.	Beech	D18C; D18S; E18S; E18S-9700; G18S; H18; C45G; TC45G; C45H; TC45H; TC45J; JRB-6; SNB-5; STC-SA111WE	765	60-009	60-009	B	12/18/72	1/13/65	
11.	Cessna	421	A7CE	60-012	60-012	D	12/18/72	3/7/69	
12.	Piper	PA31	A8EA	60-014	60-014	C	12/18/72	8/15/69	11/19/71
13.	Beech	56TC (Baron)	3A16	60-013	60-013	B	12/18/72	4/24/70	
14.	Beech	Model 60 Duke	A12CE	30180002	30180002	C	12/18/72	9/3/70	
15.	Cessna	T310P; T310Q	3A10	30180005	30180005	D	12/18/72	9/15/70	10/26/70
16.	Cessna	401; 401A; 401B; 402; 402A; 402B	A7CE	30180005	30180005	D	12/18/72	9/15/70	10/26/70
17.	Cessna	310; 310A; 310B; 310C; 310D; 310F; 310G; 310H; 310I; 310J; 310J-1; E310J; 310K; 310L; 310N; 310P; 310Q	3A10	30180007	30180007	D	12/18/72	10/2/70	
18.	Cessna	320D; 320E; 320F	3A25	30180005	30180005	D	12/18/72	9/15/70	10/26/70
19.	Cessna	414	A7CE	30180008	30180008	D	10/25/75	11/9/70	12/12/75
20.	Cessna	421; 421A; 421B	A7CE	30180006	30180006	G	09/15/76	11/19/70	

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	MAKE	MODEL	TC NO.		DWG. NO.	REV.	DATE	DATE	REVISED
21.	Beech	Baron Model D55	3A16	30180009	30180009	E	3/20/78	5/25/71	
22.	Piper	PA-31P (Pressurized)	A8EA	30180015	30180015	C	12/18/72	7/1/71	
23.	Cessna	340; 340A	3A25	30180008	30180008	D	10/25/75	11/9/70	12/12/75
24.	Beech	65; A65; 65/80; 65/A80; 65/B80	3A20	30180021	30180021	B	2/21/74	9/22/72	
25.	Beech	Model 60 Duke	A12CE	30180026	30180026	A	10/24/72	1/12/73	
26.	Beech	65; A65; 70; 65-80; 65-A80; 65-B80	3A20	30180022	30180022	C	3/20/74	5/16/73	
27.	Beech	50; B50; C50; D50; D50A; D50B; D50C; D50E; E50; F50; G50; H50; J50	SA4	30180030	30180030	-	3/7/73	5/16/73	
28.	Beech	V-35	3A15	30180046	30180046	-	2/25/74	6/25/74	
29.	Beech	H-35; J-35; K-35; M-35; N-35; P-35; 35-33; 35-A33; 35-B33; V-35A	3A15	30180047	30180047	-	3/12/74	6/25/74	
30.	Piper	PA-24; PA-24-250; PA-24-400; PA-24-260	1A15	30180049	30180049	B	8/23/74	11/19/74	
31.	Aero Cdr.	680; 680E; 720	2A4	30180028	30180028	B	6/11/74	7/31/74	

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	MAKE	MODEL	TC NO.		DWG. NO.	REV.	DATE	DATE	REVISED
32.	Cessna	337;337A;337B;M337B;T337B; 337C;T337C;337D;T337D;337E; T337E;T337F;337G;T337G	A6CE	30180020	30180020	C	1/15/75	8/28/75	
33.	Cessna	310R	3A10	30180051	30180051	C	8/31/78	11/11/74	
34.		Deleted							
35.		Deleted							
36.		Deleted							
37.		Deleted							
38.	DeHavilland	DHC-2	806	30180072	30180072	D	10/18/77	5/17/76	
39.		Deleted							
40.	Jetstream	HP137, STC SA2293SW	A21EU	30180067	30180067	B	11/22/76	1/18/77	
41.	Cessna	T210F, T210G, T210H, T210J, T210K, T210L, T210M	3A21	30180044	30180044	C	11/05/76	6/07/77	
42.	Piper	PA-23-250C, -250D, -250E, -250F	1A10	30180060	30180060	C	8/02/77	7/28/78	
43.	DeHavilland	DHC-2	806	30180072-1	30180072-1	B	12/07/79	12/07/79	