

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

Number SA2557NM

This certificate, issued to K S AVIONICS INC.
25216 Cypress Avenue
Hayward, California 94544

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 23 of the Federal Aviation Regulations.

Original Product — Type Certificate Number: See Attached Master Eligibility List No. 2557
Make: See Attached Master Eligibility List No. 2557
Model: See Attached Master Eligibility List No. 2557

Description of Type Design Change: Installation of K S Avionics EGT/CHT-2() combined exhaust gas and cylinder head temperature monitoring system in accordance with K S Avionics Inc. Drawing No. A600TD-(**) Rev I, dated October 3, 1994 or later FAA Approved revision.

Limitations and Conditions: This approval should not be extended to other specific airplanes of these models 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 effects upon the airworthiness of that airplane.

Original cylinder head temperature head equipment, if required by the original type design, must remain installed and operable. See continuation page 3.

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: June 29, 1984

Date issued:

Date of issuance: April 29, 1985

Date amended: January 12, 1995



By direction of the Administrator

[Signature]

Manager, Propulsion Branch
Los Angeles 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.

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

Number SA2557NM

Limitations and Conditions (continued):

A copy of pages 1 & 3 of this STC must be included in the permanent records of each airplane modified in accordance with this STC.

CHT and EGT limits must be maintained using the original (Primary) aircraft CHT and EGT gages, if installed.

Required Equipment:

Systems covered
by drawings:

A600TD-2X4 ()

A600TD-2X6 ()

FAA Approved Airplane Flight
Manual Supplement / Supplemental
Airplane Flight Manual:

A9003-4, Initial Issue, dated
12-2-94 or later FAA Approved revision

A9003-6, Initial Issue, dated
12-2-94 or later FAA Approved revision

- END -

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

FAA APPROVED

K S AVIONICS

MASTER ELIGIBILITY LIST

NO. 2557

INSTALLATION OF COMBINED EXHAUST GAS

AND

CYLINDER HEAD TEMPERATURE MONITORING SYSTEM

STC NUMBER: SA2557NM

DATED: 4-29-85

REVISION: C

DATE: FEB 22 2007 *SAJ ANM-145L*

This Master Eligibility List consists of 13 pages

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REVISION LOG
TO FAA APPROVED
MASTER ELIGIBILITY LIST
NO. 2557

<u>REVISION NO.</u>	<u>REVISION DATE</u>	<u>REVISION</u>
N/C		Initial Release
A	JAN 12 1995	Addition of certain aircraft models and installation of alternate systems covered by Dwgs A600TD-2X4() and A600TD-2X6().
B	Aug 07 2000	Addition of aircraft models on pages 9 and 13.
C	FEB 22 2007 <i>Sub App-142L</i>	Addition of Cessna 206H and T206H models on page 7.

MAKE	MODEL	I. C.	TOP DRAWING NOS.	APPROVED
Aero Commander	100, 100A, 100-180	1A21	A600TD-2(L) -2S4(L) -2X4D	4-29-85
Aero Commander (Meyers)	200, A, B, C, D	3A18	A600TD-2(L) -2S6(L) -2X6B	4-29-85
Aero Commander	500, 500B U, S, 520, 560 560A, -E, 560F, 680, 680-E, F, FL, FL(P); 720	6A1 2A4	A600TD-2T(L) -2ST(L) -2TS6(L) -2STS6(L) -2X6D	4-29-85
Aero Commander	500A 685	6A1 2A4	A600TD-2T(L) -2ST(L) -2TS6(L) -2STS6(L) -2X6B	4-29-85
SOCATA-Group AEROSPATIALE	TB-10	A51EU	A600TD-2(L) -2S4(L) -2X4D	1-12-95
SOCATA-Group AEROSPATIALE	TB-20, 21	A51EU	A600TD-2(L) -2S6(L) -2X6D	1-12-95
Avions Pierre	R2160	A48EU	A600TD-2(L) -2S4(L) -2X4D	4-29-85
Beech	C17L, SC17L, C17B, SC17B C17R, SC17R D17R D17A	ATC602 ATC604 638 713	A600TD-2(L)	4-29-85
Beech	18A, S18A 18D, S18D, A18A, SA18A A18D, SA18D 18S, B18S D18C, D18S, E18S, E18S- -9700, G18S, H18, C-45G, TC-45G, C-45H, TC-45H, TC-45J, JRB-6, 3N, 3NM, 3TM, RC-45J, UC-45J D18C-T C18S	630 A684 710 A765 770 A757	A600TD-2T(L) -2ST(L)	4-29-85

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MAKE	MODEL	T.C.	TOP DRAWING NOS.	APPROVED
Beech	23, A23-19, 19A, B19, M19A, A23-24, B23, C23, A24, A24R, B24R C24R	A1CE	A600TD-2(L) -2S4(L) -2X4D	4-29-85
Beech	A23, A23A	A1CE	A600TD-2(L) -2S4(L) -2X4B	4-29-85
Beech	35; A35-G35; 35R; 35-33, A33, B33 C33, C33A; E33, A, C; F33, A, C; G33; H, J, K, M, N, P, S, V35; V35A, B; 36, A36; A36TC; B36TC	A777 3A15	A600TD-2(L) -2S6(L) -2X6B	4-29-85
Beech	45, A45, D45	5A3	A600TD-2(L) -2S6(L) -2X6B	4-29-85
Beech	50, B50; D50, A, B, E, E-5990; E50, F, G, H, J	5A4	A600TD-2T(L) -2ST(L) -2TS6(L) -2STS6(L) -2X6D	4-29-85
Beech	95, B95, B95A, D95A, E95	3A16	A600TD-2T(L) -2ST(L) -2TS4(L) -2STS4(L) -2X4D	4-29-85
Beech	95-55, -A55, -B55, -B55A, -B55B, -C55, -C55A; D55, D55A; E55, E55A; 58, 58A	3A16	A600TD-2T(L) -2ST(L) -2TS6(L) -2STS6(L) -2X6B	4-29-85
Beech	56TC, A56TC	3A16	A600TD-2T(L) -2ST(L) -2TS6(L) -2STS6(L) -2X6D	4-29-85

STC SA2557NM

MASTER ELIGIBILITY LIST

MAKE	MODEL	T.C.	TOP DRAWING NOS.	APPROVED
Beech	58P, 58PA, 58TC 58TCA	A23CE	A600TD-2T(L) -2ST(L) -2TS6(L) -2STS6(L) -2X6B	4-29-85
Beech	60, A60, B60	A12CE	A600TD-2T(L) -2ST(L) -2TS6(L) -2STS6(L) -2X6D	4-29-85
Beech	65; A65; A65-8200; 65-80, A80, -A80-8800, -B80, -88; 70	3A20	A600TD-2T(L) -2ST(L) -2TS6(L) -2STS6(L) -2X6D	4-29-85
Beech	76	A29CE	A600TD-2T(L) -2ST(L) -2TS4(L) -2STS4(L) -2X4D	4-29-85
Beech	77	A30CE	A600TD-2(L) -2S4(L) -2X4D	4-29-85
Bellanca	14-13; 14-13-2, 14-13-3, 14-13-3W	773	A600TD-2(L) -2S6(L) -2X6A	4-29-85
Bellanca	7AC, 7BCM, 7CCM, 7DC, 7EC, 7ECA, 7FC, 7JC, 7S7ACs, 7CCMs, 7DCs	759	A600TD-2(L) -2S4(L) -2X4E	4-29-85
Bellanca	7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC	759	A600TD-2(L) -2S4(L) -2X4D	4-29-85
Bellanca	8KCAB, 8GCBC	A21CE	A600TD-2(L) -2S4(L) -2X4D	4-29-85
Bellanca	14-19 -2, -3 -3A; 17-30	1A3	A600TD-2(L) -2S6(L) -2X6B	4-29-85

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MASTER ELIGIBILITY LIST

MAKE	MODEL	T. C.	TOP DRAWING NOS.	APPROVED
Bellanca	14-19;17-31,-31TC	1A3	A600TD-2(L) -2S6(L) -2X6D	4-29-85
Cessna	152,A152	3A19	A600TD-2(L) -2S4(L) -2X4D	4-29-85
Cessna	150,150A-H,J-M; A150K,L,M	3A19	A600TD-2(L) -2S4(L) -2X4E	4-29-85
Cessna	170,170A,B	799	A600TD-2(L) -2S6(L) -2X6E	4-29-85
Cessna	172 thru 172H	3A12	A600TD-2(L) -2S6(L) -2X6E	4-29-85
Cessna	172I thru 172Q	3A12	A600TD-2(L) -2S4(L) -2X4D	4-29-85
Cessna	175,A,B,C;P172D;	3A17	A600TD-2(L) -2S6(L) -2X6E	4-29-85
Cessna	R172E,F,G,H,J,K	3A17	A600TD-2(L) -2S6(L) -2X6B	4-29-85
Cessna	172RG	3A17	A600TD-2(L) -2S4(L) -2X4D	4-29-85
Cessna	180;180A-H,J,K	5A6	A600TD-2(L) -2S6(L) -2X6B	4-29-85
Cessna	182;182A-H,J-N,P, Q,R	3A13	A600TD-2(L) -2S6(L) -2X6B	4-29-85
Cessna	R182,T182,TR182	3A13	A600TD-2(L) -2S6(L) -2X6D	4-29-85

MASTE IGIBILITY LIST

MAKE	MODEL	T.C.	TOP DRAWING NOS.	APPROVED
Cessna	185; 185A-E; A185E, F 188; 188A, B; A188, A, B; T188C	3A24 A9CE	A600TD-2(L) -2S6(L) -2X6B	4-29-85
Cessna	177, A, B	A13CE	A600TD-2(L) -2S4(L)	4-29-85
Cessna	177RG	A20CE	-2X4D	
Cessna	190; 195, A, B	A790	A600TD-2(L)	4-29-85
Cessna	206, H*; P206, A-E; U206, A-G; TP206A-E; TU206A-G; T206H*	A4CE	A600TD-2(L) -2S6(L) -2X6B -2X6D*	4-29-85
Cessna	207, A; T207, A	A16CE	A600TD-2(L) -2S6(L) -2X6B	FEB 22 2007 <i>Prof</i> <i>Asst-1452</i> 4-29-85
Cessna	210, A-N, J-N; 210-5; 210-5A; T210F-N, J-N; P210N	3A21	A600TD-2(L) -2S6(L) -2X6B	4-29-85
Cessna	T303	A34CE	A600TD-2T(L) -2ST(L) -2TS6(L) -2X6B	4-29-85
Cessna	305A, C, D, F	5A5	A600TD-2(L) -2S6(L) -2X6B	4-29-85
Cessna	305B, E	3A14	A600TD-2(L) -2S6(L) -2X6B	4-29-85
Cessna	310, A-L, N, P, Q, R; E310H, J; 310J-1; T310P, Q, R,	3A10	A600TD-2T(L) -2ST(L) -2TS6(L) -2STS6(L) -2X6B	4-29-85
Cessna	320, A-F; 320-1, 335, 340, 340A	3A25	A600TD-2T(L) -2ST(L) -2TS6(L) -2STS6(L) -2X6B	4-29-85

*Top Drawing A600TD-2X6D applicable to Cessna 206H and T206H models in place of -2X6B. TD's -2(L) & -2S6(L) apply to all 206 models.

MASTER ELIGIBILITY LIST

MAKE	MODEL	T.C.	TOP DRAWING NOS.	APPROVED
Cessna.	336	A2CE	A600TD-2T(L) -2ST(L) -2TS6(L) -2STS6(L) -2X6B	4-29-85
Cessna	337, A-H; M337B; T337B-H; T337H-SP; P337H	A6CE	A600TD-2T(L) -2ST(L) -2TS6(L) -2STS6(L) -2X6B	4-29-85
Cessna	404	A25CE	A600TD-2T(L) -2ST(L) -2TS6(L) -2STS6(L) -2X6B	4-29-85
Cessna	401, A, B; 402, A-C; 411, A; 414, A; , 421, A-C	A7CE	A600TD-2T(L) -2ST(L) -2TS6(L) -2STS6(L) -2X6B	4-29-85
Commander Aircraft	112, 112B, 112TC, 112TCA	A12SO	A600TD -2(L) -2S4(L) -2X4D	
Commander Aircraft	114, 114A, 114B	A12SO	A600TD -2(L) -2S6(L) -2X6D	
DeHavilland	DHC-2, MK-I, II, III	A806	A600TD-2(L)	4-29-85
DeHavilland	DHC-3	A815	A600TD-2(L)	4-29-85
Grumman	AA-1, -1A, -1B, -1C	A11EA	A600TD-2(L) -2S4(L) -2X4D	4-29-85
Grumman	AA-5, -5A, -5B	A16EA	A600TD-2(L) -2S4(L) -2X4D	4-29-85

MASTER ELIGIBILITY LIST

MAKE	MODEL	T.C.	TOP DRAWING NOS.	APPROVED
Grumman	GA-7	A17S0	A600TD-2T(L) -2ST(L) -2TS4(L) -2STS4(L) -2X4D	4-29-85
Lake (Consolidated Aeronautics, Inc.	LA-4,-4A,-4P, -4-200	(1A13)	A600TD-2(L) -2S4(L) -2X4D	4-29-85
Lake (Consolidated Aeronautics, Inc.	250	1A13	A600TD-2(L) -2S6(L) -2X6D	4-29-85
Maule	M-5-180C,-210TC, M-6-180,MX-7-160,C, -180AC, -180B,-180C, MXT-7-160,-180,A	3A23	A600TD-2(L) -2S4(L) -2X4D	8-7-00
Maule	BeeDee M-4;M-4,C,S,T	3A23	A600TD -2(L) -2S6(L) -2X6E	4-29-85
Maule	M-4-180C,S,T;M-4-220, M-4-220C,S,T;M-5-220C	3A23	A600TD -2(L) -2S6(L) -2X6A	4-29-85
Maule	M-4-210,M-4-210C,S,T; M-5-210C	3A23	A600TD -2(L) -2S6(L) -2X6B	4-29-85
Maule	M-5-235C,M-6- 235 M-7-235B,-235C,-260,C, MT-7-235,-260	3A23	A600TD -2(L) -2S6(L) -2X6D	8-7-00
Mooney	M20, A-J	2A3	A600TD-2(L) -2S4(L) -2X4C	4-29-85
Mooney	M20K	2A3	A600TD-2(L) -2S6(L) -2X6B	4-29-85
Mooney	M22	A6SW	A600TD-2(L) -2S6(L) -2X6C	4-29-85
Navion	Navion, A,D,E,F,G,H	A782	A600TD-2(L) -2S6(L) -2X6D	4-29-85

MAKE	MODEL	T.C.	TOP DRAWING NOS.	APPROVED
Navion	Navion B	A782	A600TD -2(L) -2S6(I) -2X6D	4-29-85
Piper	PA-18, S, A, "105", S"105", "125", S"125" AS"125", "135", S"135", AS"135", "150", A"150", S"150", AS"150"	1A2	A600TD-2(L) -2S4(L) -2X4D	4-29-85
Piper	PA-20, S, "115", S"115", "135", S"135"	1A4	A600TD-2(L) -2S4(L) -2X4D	4-29-85
Piper	PA-22, -108, -135, S-135, -150, S-150, -160, S-160	1A6	A600TD-2T(L) -2S4(L) -2X4D	4-29-85
Piper	PA-23, -160	1A10	A600TD-2T(L) -2ST(L) -2TS4(L) -2STS4(L) -2X4D	4-29-85
Piper	PA-23, -235, -250, PA-E23-250	1A10	A600TD-2T(L) -2ST(L) -2TS6(L) -2STS6(L) -2X6D	4-29-85
Piper	PA-24-250, 260	1A15	A600TD-2(L) -2S6(L) -2X6D	4-29-85
Piper	PA-24 -180	1A15	A600TD-2(L) -2S4(L) -2X4D	4-29-85
Piper	PA-24-400	1A15	A600TD-2(L)	4-29-85
Piper	PA-25	2A8	A600TD-2(L) -2S4(L) A600TD-2X4D	4-29-85

MAKE	MODEL	T.C.	TOP DRAWING NOS.	APPROVED
Piper	PA-25-235,-260	2A10	A600TD-2(L) -2S6(L) -2X6D	4-29-85
Piper	PA-28-235,-236	2A13	A600TD-2(L) -2S6(L) -2X6D	4-29-85
Piper	PA-28-201,-201T; PA-28R-201T,RT-201T	2A13	A600TD -2(L) -2S6(L) -2X6B	4-29-85
Piper	PA-28-140,-150 -160,-151,-161, -180,-181;S-160, -180;R-180,-200,	2A13	A600TD-2(L) -2S4(L) -2X4D	4-29-85
Piper	PA-30,-39,-40	A1EA	A600TD-2T(L) -2ST(L) -2TS4(L) -2STS4(L) -2X4D	4-29-85
Piper	PA-31P	A8EA	A600TD-2T(L) -2ST(L) -2TS6(L) -2STS6(L) -2X6D	4-29-85
Piper	PA-32-260, -300,-301, -301T;S-300, R-300,R-301, R-301T,RT-300, RT-300T	A3S0	A600TD-2(L) -2S6(L) -2X6D	4-29-85
Piper	PA-34-200	A7S0	A600TD-2T(L) -2ST(L) -2TS4(L) 2STS4(L) -2X4D	4-29-85
Piper	PA-34-200T, -220T	A7S0	A600TD-2T(L) -2ST(L) -2TS6(L) -2STS6(L) -2X6B	4-29-85

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MAKE	MODEL	T.C.	TOP DRAWING NOS.	APPROVED
Piper	PA-38-112	A18SO	A600TD-2(L) -2S4(L) -2X4D	4-29-85
Piper	PA-44-180, -180T	A19SO	A600TD-2T(L) -2ST(L) -2TS4(L) -2STS4(L) -2X4D	4-29-85
Piper	PA-46-310P	A25SO	A600TD-2(L) -2S6(L) -2X6B	4-29-85
Piper	PA-46-350P	A25SO	A600TD-2(L) -2S6(L) -2X6D	1-12-95
Piper	PA-60-600,-601 -601P,-602P, -700P	A17WE	A600TD-2T(L) -2ST(L) -2TS6(L) -2STS6(L) -2X6D	4-29-85
Pitts	S-1S,-1T,-2, -2A	A8SO	A600TD-2(L) -2S4(L) -2X4D	4-29-85
Pitts	S-2S, -2B	A8SO	A600TD-2(L) -2S6(L) -2X6D	4-29-85
Republic (STOL)	RC-3	A769	A600TD-2(L) -2S6(L) -2X6A	4-29-85
Stinson	108,-1,-2,-3,S	767	A600TD-2(L) -2S6(L) -2X6A	4-29-85
Swift	GC-1A	766	A600TD-2(L) -2S4(L) -2X4E	4-29-85
Swift	GC-1B	766	A600TD-2(L) -2S6(L) -2X6E	4-29-85
Siai Marchetti	S.205-22/R	A9EU	A600TD-2(L) -2S6(L) -2X6A	4-29-85

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MASI ELIGIBILITY LIST

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MAKE	MODEL	T.C.	TOP DRAWING NOS.	APPROVED
Aermacchi S.p.A. (Siai Marchetti)	F.260B, F.260C, SF.260D, F.260E, F.260F	A10EU	A600TD-2 (L) -2S6 (L) -2X6D	8-7-00
White International (Christen, Aviat)	A-1, A-1A*	A22NM	A600TD-2 (L) -2S4 (L) -2X4D	1-12-95 *
Taylorcraft	F19	1A9	A600TD-2 (L) -2S4 (L) -2X4E	1-12-95
Taylorcraft	F21, F21A, B; F22, F22A, B, C	1A9	A600TD-2 (L) -2S4 (L) -2X4D	1-12-95

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*White International model A-1A approval date