United States Of America

Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number SA10822SC

This Certificate issued to Aspen Avionics, Inc.
5001 Indian School Rd. NE
Albuquerque, NM 87110

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 *of the* Civil Air *Regulations.*

Original Product Type Certificate Number: (See attached FAA Approved Model

Make: List (AML) for models and

Model: applicable airworthiness regulations.)

Description of Type Design Change: Installation of EFD1000 Primary Flight Display in accordance with Aspen Avionics Installation Manual document #A-01-126-00, Revision C, dated 3/28/2008, or later approved FAA revision. Airplane Flight Manual Supplement document #A-01-175-00, Revision B, dated 3/17/2008 or document #A-01-179-00, Revision A, dated 3/17/2008, or later FAA approved revision is required.

Limitations and Conditions: The installer must determine whether this design change is compatible with previously approved modifications. 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.

Certification Basis: In accordance with 14 CFR 23 Amendment 23-55.

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 22, 2007

Date of issuance: March 28, 2008

Date reissued:

Date amended:

By direction of the Administrator

Gary A Sharon
(*Signature*)

for S. Frances Cox
Manager, Special Certification Office
Southwest Region

(*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)

STC No. SA10822SC

Aspen Avionics, Inc.
5001 Indian School NE
Albuquerque, NM 87110 USA

Date of issuance: March 28, 2008

Aircraft Make	Aircraft Model(s)	Type Certificate Number (TCDS)	Cert. Basis	Class 1 or 2
Aermacchi S.p.A (Siai Marchetti)	S.205-18/F, S.205-18/R, S.205-20/F, S.205-20/R, S.205-22/R, S.208, S.208A	A9EU	FAR 23	1
Aero Commander (Dynac Aerospace Corp)	10, 10A, 100, 100A, 100-180	1A21	CAR 3	1
Aeronautica Macchi S.p.A (Macchi)	AL 60, AL 60-B, AL 60-F5, AL 60-C5	7A12	CAR 3	1
American Champion	402	A3CE	CAR 3	2
Bellanca (Alexandria Aircraft LLC)	14-19-3, 14-19-3A,17-30, 17-31, 17-31TC	1A3*	CAR 3	1
	17-30A, 17-31A, 17-31ATC	A18CE	FAR 23	1
Cessna	150, 150A, 150B, 150C 150D, 150E, 150F, 150G,150H, 150J, 150K, 150L, 150M, A150K, A150L,A150M, 152, A152	3A19	CAR 3, FAR 23	1
	172, 172A, 172B, 172C, 172D, 172E, 172F, 172G,172H, 172I, 172K, 172L, 172M, 172N, 172P, 172Q,172R, 172S	3A12	CAR 3, FAR 23	1
	172RG, P172D, R172E, R172F, R172G, R172H, R172J, R172K, 175, 175A, 175B, 175C	3A17	CAR 3	1
	177, 177A, 177B	A13CE	FAR 23	1
	177RG	A20CE	FAR 23	1
	182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, 182S, 182T, R182, T182, TR182, T182T	3A13	CAR 3, FAR 23	1
	210, 210A, 210B, 210C, 210D, 210E, 210F, T210F, 210G, T210G, 210H, T210H, 210J, T210J, 210K, T210K, 210L, T210L, 210M, T210M, 210N, P210N, T210N, 210R, P210R, T210R, 210-5, 210-5A	3A21	CAR 3	1
	206, P206, P206A, P206B, P206C, P206D, P206E, TP206A, TP206B, TP206C, TP206D, TP206E, U206, U206A, U206B, U206C, U206D, U206E, U206F, U206G, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, TU206G, 206H, T206H	A4CE	CAR 3	1
	207, 207A, T207, T207A	A16CE	FAR 23	1
	T-303 (Crusader)	A34CE	FAR 23	2

	336	A2CE	CAR 3	2
	337, 337A , 337B, T337B, 337C, 337E, T337E, T337C, 337D, T337D, M337B, 337F, T337F, 337G, T337G, 337H, P337H, T337H, T337H-SP	A6CE	CAR 3, FAR 23	2
Cirrus Design Corp	SR20, SR22	A00009CH	FAR 23	1
Commander Aircraft Co.	112, 112TC, 112B, 112TCA, 114, 114A, 114B, 114TC	A12SO	CAR 3	1
Diamond Aircraft Company	DA 20-A1, DA20-C1	TA4CH	FAR 23	1
	DA 40	A47CE	FAR 23	1
Grob-Werke	G115, G115A, G115B, G115C, G115C2, G115D, G115D2, G115EG	A57EU	FAR 23	1
Grumman American (Tiger Aircraft LLC)	AA-1, AA-1A, AA-1B, AA-1C	A11EA	FAR 23	1
	AA-5, AA-5A, AA-5B, AG-5B	A16EA	FAR 23	1
Hawker Beechcraft	35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, E33A, E33C, F33, F33A, F33C, G33, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 36, A36, A36TC, B36TC	3A15	CAR 3	1
	35, A35, B35, C35, D35, E35, F35, G35, 35R	A-777	CAR 3	1
	76	A29CE	FAR 23	1
	95, B95, B95A, D95A, E95	3A16*	CAR 3, FAR 23	2
	19A, B19, M19A, 23, A23, A23A, A23-19, A23-24, B23, C23, A24, A24R, B24R, C24R	A1CE	CAR 3	1
	50, B50, C50	5A4*	CAR 3	2
Helio (Alliance Aircraft Group, LLC)	HT-295	1A8*	CAR 3	1
King's Engineering Fellowship (The)	Model 44	A2WI	FAR 23	2
Liberty Aerospace Incorporated	XL-2	A00008DE	FAR 23	1
Lockheed Aircraft Corporation	402-2	2A11	CAR 3	2
Maule	MXT-7-180, MT-7-235, MXT-7-160, MXT-7-180A, MT-7-260, MT-7-420	3A23*	CAR 3	1
Mooney Aircraft Corp	M20, M20A, M20B, M20C, M20D, M20E, M20F, M20G, M20J, M20K, M20L, M20M, M20R, M20S	2A3	CAR 3	1
	M22	A6SW	CAR 3	1
Moravan (Moravan a.s.)	ZLIN Z-242L, Z-143L	A76EU	FAR 23	1
Navion Aircraft Company, Ltd. (Navion)	Navion, Navion A, Navion B, Navion D, Navion E, Navion F, Navion G, Navion H	A-782	CAR 3	1
OMF (Ostmeck. Flugzeugbau GmbH)	OMF-100-160	A46CE	FAR 23	1

Partenavia (Vulcanair S.p.A.)	P68, P68B, P68C, P68C-TC, P68 "Observer," P68 "Observer 2," P68 TC "Observer"	A31EU*	FAR 23	2
Piper (New Piper)	PA-22, PA-22-108, PA-22-135, PA-22S-135, PA-22-150, PA-22S-150, PA-22-160, PA-22S-160	1A6	CAR 3	1
	PA-23, PA-23-160	1A10*	CAR 3	2
	PA-24, PA-24-250, PA-24-260	1A15*	CAR 3	1
	PA-28-140, PA-28-150, PA-28-151, PA-28-160, PA-28-161, PA-28-180, PA-28-235, PA-28S-160, PA-28-161, PA-28-181, PA-28-235, PA-28S-160, PA-28R-201, PA-28R-201T, PA-28RT-201, PA-28RT-201T, PA-28-201T, PA-28-236	2A13	CAR 3	1
	PA-30, PA-39, PA-40	A1EA	CAR 3	2
	PA-32-260, PA-32-300, PA-32S-300, PA-32R-300, PA-32RT-300, PA-32RT-300T, PA-32R-301(SP), PA-32R-301(HP), PA-32R-301T, PA-32-301, PA-32-301T, PA-32-301FT, PA32-301XTC	A3SO	CAR 3	1
	PA-34-200, PA-34-200T, PA-34-220T	A7SO	CAR 3	2
	PA-44-180, PA-44-180T	A19SO	FAR 23	1
	PA-46-310P, PA-46-350P	A25SO*	FAR 23	1
Prop-Jets, Inc.	200, 200A, 200B, 200C, 200D, 400	3A18	CAR 3	1
PZL (Panstwowe Zaklady Lotnicze)	PZL-KOLIBER 150A, PZL-KOLIBER 160A,	A69EU	FAR 23	1
PZL (PZL Mielec)	PZL M20 03	A68EU	FAR 23	2
	PZL M26 01	A44CE	FAR 23	1
Quartz Mountain Aerospace Inc.	11E	A-804*	CAR 3	1
Slingsby Aviation Ltd.	T67M260, T67M260-T3A	A73EU	FAR 23	1
SOCATA (SOCATA Groupe Aerospatiale)	TB9, TB10, TB20, TB21, TB200	A51EU	FAR 23	1
	GA-7 (Cougar)	A17SO	FAR 23	2
Zenair Ltd.	CH2000	TA5CH	FAR 23	1

FAA Approved: Gary A Shaw
for S. Frances Cox
Manager, Special Certification Office
Southwest Region

Date: MAR 28 2008