

J.P. INSTRUMENTS
FAA APPROVED MODEL LIST (AML) NUMBER SA01828SE FOR
INSTALLATION OF THE EDM-960 PRIMARY ENGINE DATA MANAGEMENT SYSTEM IN TWIN ENGINE AIRCRAFT

ORIGINAL ISSUE DATE: March 27, 2009

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	AML REVISION DATE
1.	Aerostar Aircraft Corp. (Piper)	PA-60-600, PA-60-601, PA-60-601P, PA-60-602P, and PA-60-700P. Also PA-60-600, PA-60-601, PA-60-601P, and PA-60-602P with STC SA 1658NM.	A17WE	FAR 23	08-18-2010
2.	SOCATA, S.A. (Grumman/American General Aircraft)	GA-7.	A17SO	FAR 23	
3.	Hawker Beechcraft Corporation	D18S, and H18.	A-765	CAR 3	
4.	Hawker Beechcraft Corporation	C50. Also D50, D50A, D50B, D50C, D50E, E50, F50, G50, H50, and J50 with STC SA587SW.	5A4	CAR 3	08-18-2010
5.	Hawker Beechcraft Corporation	D55, E55, E55A, 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B, 95-C55, 56TC, A56TC, 58, and 58A. Also E55 with STC SA1762SO. Also 95-55, 95-A55, 95-B55 with STC SA432SO	3A16	CAR 3	02-XX-2011
6.	Hawker Beechcraft Corporation	58P, 58PA, 58TC, and 58TCA. Also 58P, 58PA, and 58TC with STC SA09618SC.	A23CE	FAR 23	
7.	Hawker Beechcraft Corporation	B60.	A12CE	FAR 23	08-18-2010
8.	Hawker Beechcraft Corporation	65-80, 65-A80, 65-A80-8800, 65-B80, and 65-88.	3A20	CAR 3	
9.	Hawker Beechcraft Corporation	76.	A29CE	FAR 23	
10.	B-N Group Ltd (Britten-Norman)	BN-2A-20, and BN-2B-20.	A17EU	FAR 21.29 FAR 23	08-18-2010
11.	Cessna Aircraft Company	T303.	A34CE	FAR 23	
12.	Cessna Aircraft Company	310, 310I, 310J, 310J-1, E310J, 310K, 310L, 310R, T310P, T310Q, and T310R. Also 310G, 310H, 310I, 310P, and 310Q with STC SA412SO.	3A10	CAR 3	02-XX-2011
13.	Cessna Aircraft Company	337, 337A, 337B, 337C, 337G, T337C, T337E, T337F, T337G, and P337H. Also T337G with STC SA4504NM.	A6CE	FAR 23	08-18-2010
14.	Cessna Aircraft Company	340, and 340A with STC SA8604SW, STC SE4327SW or STC SA09574SC.	3A25	CAR 3	08-18-2010
15.	Cessna Aircraft Company	404.	A25CE	FAR 23	
16.	Cessna Aircraft Company	401, 401A, 401B, 402B, 402C, 414, 414A, 421B, and 421C. Also 414A with STC SA091055SC or STC SA7633SW.	A7CE	CAR 3	08-18-2010
17.	Dennis G. Buehn (Grumman)	HU-16C.	A23NM	FAR 21.25	
18.	Grumman	G-21, and G-21A.	654	Aero. Bulletin 7A	08-18-2010
19.	Gulfstream American Corp. (Grumman)	G-44, G-44A, and SCAN Type 30. Also G-44, G-44A, and SCAN Type 30 with STC SA380WE or STC SA4774NM.	A-734	CAR 4a	08-18-2010
20.	Piper Aircraft, Inc.	PA-23-160, PA-23-235, and PA-23-250. Also PA-23-160 with STC SA899SW	1A10	CAR 3	02-XX-2011
21.	Piper Aircraft, Inc.	PA-30, PA-39, and PA-40.	A1EA	CAR 3	
22.	Piper Aircraft, Inc.	PA-31, PA-31-325, and PA-31-350. also PA-31-325 with STC SA970SO.	A20S0	CAR 3 FAR 23	02-XX-2011
23.	Piper Aircraft, Inc.	PA-31P, and PA-31P-350.	A8EA	CAR 3 FAR 23	08-18-2010
24.	Piper Aircraft, Inc.	PA-34-200T, and PA-34-220T.	A7SO	CAR 3	08-18-2010

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 INSTALLATION OF THE EDM-960 PRIMARY ENGINE DATA MANAGEMENT SYSTEM IN TWIN ENGINE AIRCRAFT

ORIGINAL ISSUE DATE: March 27, 2009

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	AML REVISION DATE
25.	Piper Aircraft, Inc.	PA-44-180.	A19SO	FAR 23	
26.	Twin Commander Aircraft LLC	500-B. Also 500-S, and 500-U with STC SA 5969NM. Also 500-B, 500-S, and 500-U with STC SA01142SE, STC SA01212SE, or STC SA 00169SE.	6A1	CAR 3	08-18-2010
27.	Twin Commander Aircraft LLC	680FL.	2A4	CAR 3	08-18-2010
28.	Vulcanair S.p.A (Partenavia)	P 68 "Observer" and P 68C	A31EU	FAR 23	02-XX-2011

FAA Approved:



Manager, Seattle Aircraft Certification Office

Amended: 08-18-2010; 02-14-2011

Reissued:

Supplemental Type Certificate

Number SA01828SE

This certificate, issued to

J. P. Instruments
3185 Airway Ave, Suite B
Costa Mesa, CA 92626-4601

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:
Make:
Model:

*See Attached FAA Approved Model List No. SA01828SE for a List of Approved Airplane Models and Applicable Airworthiness Regulations.

Description of the Type Design Change: Installation of J.P. Instruments (JPI) EDM-960 Primary Engine Data Management System in accordance with the Installation Manual for the EDM-960, Report No. 909, Revision NC, dated February 22, 2009 or later FAA-approved revision.

Limitations and Conditions: Approval of this change in type design applies to the airplanes listed on the Approved Model List (AML) only. This approval should not be extended to other aircraft of these models unless the installer determines that the relationship between this change and any other previously incorporated approved modifications will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate, FAA approved AML No. SA01828SE, Revision IR, dated March 27, 2009, and FAA-approved Airplane Flight Manual Supplement No. 960-001, dated March 27, 2009, or later approved revisions must be maintained as part of the permanent records for 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 surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: February 13, 2008
Date of issuance: March 31, 2009

Date reissued:
Date amended:



By direction of the Administrator

(Signature)

Acting 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.

Subject: Permission to use STC.

To Whom It May Concern:

J.P. Instruments holder of STC SA01828SE grants to the purchaser of the EDM-960 Primary Engine Data Management System permission to use the STC.

Signed