



**CERTIFICADO SUPLEMENTAR DE TIPO**  
(Supplemental Type Certificate)

**NÚMERO** **2015S02-12**  
(Number)

**Este certificado, emitido com base na Lei nº 7565 "Código Brasileiro de Aeronáutica", de 19 de dezembro de 1986,**  
(This certificate, issued in the basis of the Law No. 7565 "Código Brasileiro de Aeronáutica", dated 19 December 1986.)

**é conferido ao (à):** J. P. Instruments  
(is granted to:) 3185 Airway Ave, Suite B  
Costa Mesa, CA 92626-4601  
USA

**por ter a modificação ao projeto de tipo do produto abaixo citado, observadas as limitações e condições**  
(for having the change to the type design of the product mentioned below, with the limitations and conditions therefor as)  
**especificadas, satisfeito aos requisitos de aeronavegabilidade aplicáveis.**  
(specified hereon, met the applicable airworthiness requirements.)

**Produto Original - Número do Certificado de Tipo:** \* See attached ANAC Approved Model List (AML), Rev. I.R.,  
(Original Product - Type Certificate No: ) dated 26 Feb. 2015, or later approved revision.

**Fabricante:** \*  
(Manufacturer)

**Modelo(s):** \*  
(Model(s))

**DESCRIÇÃO DA MODIFICAÇÃO AO PROJETO DE TIPO:**  
(Description of Type Design Change:)

Installation of J. P. Instruments (JPI) EDM-960 Primary Engine Data Management System in accordance with JPI Installation Manual for the EDM 960, Document No. 909, Rev. D, dated 21 Feb. 2014, or later approved revisions.

This CST validates in Brazil the STC # SA01828SE, issued by FAA (USA).

**LIMITAÇÕES E CONDIÇÕES:**  
(Limitations and Conditions:)

See continuation sheet for applicable data.

**DATAS:**  
(Dates of)

**Do Requerimento:** 23 Sep. 2014  
(Application:)

**Da emissão:** 26 Feb. 2015  
(Issuance:)

**Da reemissão:**  
(Reissuance:)

**Da emenda:**  
(Amendment:)

  
**MARIO IGAWA**

Gerente-Geral, Certificação de Produto Aeronáutico  
(General Manager, Aeronautical Product Certification)

  
**DINÔ ISHIKURA**

Superintendente de Aeronavegabilidade  
(Airworthiness Superintendent)



**ANAC** AGÊNCIA NACIONAL  
DE AVIAÇÃO CIVIL

Of. 147/2015/GGCP/SAR-ANAC

São José dos Campos, 27 February 2015.

Mr. Marc Polizzotto  
Vice President of Operations  
J. P. Instruments, Inc.  
3185-B Airway Ave.  
Costa Mesa, CA 92626  
USA

**Subject: Brazilian Validation of FAA STC # SA01828SE.**


**Ref.: ANAC Project Number H.02-4453-0.**

**Enclosure: CST # 2015S02-12.**

Dear Sir,

1. Please find enclosed the Brazilian Supplemental Type Certificate (CST) # 2015S02-12, related to the Brazilian validation of FAA STC # SA5184SW-D (SA01828SE (Installation of J.P. Instruments (JPI) EDM-960 Primary Engine Data Management System) issued by FAA and applicable to AML.

Yours sincerely,

  
Cesar Rodrigues Hess  
Manager, Aircraft Certification Programs Branch

Cópias:  
PST - 1  
FAA (e-mail: [jennifer.i.welch@faa.gov](mailto:jennifer.i.welch@faa.gov))  
JPInstruments (e-mail: [marc@jpittech.com](mailto:marc@jpittech.com))  
)

**PROTOCOLO ANAC**

00066.007958/2015-51



**ANAC APPROVED MODEL LIST (AML)  
FOR CST 2015S02-12**

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL(S)	TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS
14.	Piper Aircraft	PA-30 and PA-39	A1EA (FAA)	CAR 3
15.	Piper Aircraft	PA-31, PA-31-325 and PA-31-350 Also PA-31 and PA-31-325 with CST 1999S02-05 that validate the FAA STC SA970SO	A20SO (FAA)	CAR 3 14 CFR Part 23
16.	Piper Aircraft	PA-31P	A8EA (FAA)	CAR 3 14 CFR Part 23
17.	Piper Aircraft	PA-34-200, PA-34-200T and PA-34-220T	A7SO (FAA)	CAR 3
18.	Piper Aircraft	PA-44-180	2013T06 (ANAC)	RBHA 23 14 CFR Part 23
19.	Twin Commander	500, 500-B, 500-S and 500-U	6A1 (FAA)	CAR 3
20.	Twin Commander	680FL	2A4 (FAA)	CAR 3
21.	Vulcanair S.p.a	P.68 "Observer 2", P 68C	2008T10 (ANAC)	RBHA 23 14 CFR Part 23

ANAC Approved:

  
**MÁRIO IGAWA**  
 Gerente-Geral, Certificação de Produto Aeronáutico  
(General Manager, Aeronautical Product Certification)

ANAC Approved Date: 26 Feb. 2015

Revision: I.R.



**ANAC APPROVED MODEL LIST (AML)  
FOR CST 2015S02-12**

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL(S)	TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS
1.	Beechcraft Corporation	D18S, H18	A17WE (FAA)	14 CFR Part 23
2.	Beechcraft Corporation	D55, E55, 95-55, 95-A55, 95-B55, 95-C55, 56TC, A56TC, 58 and G58. Also D55, E55, 95-C55 and 58 with CST 1999S02-06 that validate the FAA STC SA1762SO Also 95-55, 95-A55, 95-B55 with CST 2013S07-07 that validate the FAA STC SA432SO	3A16 (FAA)	CAR 3
3.	Beechcraft Corporation	58P and 58TC	A32CE (FAA)	14 CFR Part 23
4.	Beechcraft Corporation	B60	A12CE (FAA)	14 CFR Part 23
5.	Beechcraft Corporation	A65, 65-80, 65-A80, 65-B80 and 65-88	3A20 (FAA)	CAR 3
6.	B-N Group Ltd.	BN-2A-8, BN-2A-9, BN-2A-21, BN-2A-27 and BN-2B-21	EASA.A.388 (EASA)	14 CFR Part 23
7.	Cessna Aircraft Company	310, 310I, 310J, 310K, 310L, 310Q, 310R and T310R	3A10 (FAA)	CAR 3
8.	Cessna Aircraft Company	337A, 337C and 337G	A6CE (FAA)	14 CFR Part 23
9.	Cessna Aircraft Company	340 and 340A	3A25 (FAA)	CAR 3
10.	Cessna Aircraft Company	404	A25CE (FAA)	14 CFR Part 23
11.	Cessna Aircraft Company	401, 401A, 402B, 402C, 414, 414A, 421, 421B and 421C Also 414 with CST 2005S01-16 that validate the FAA STC SA09105SC Also 414 with CST 2005S01-15 that validate the FAA STC SA8125SW Also 414 with CST 2005S01-13 that validate the FAA STC SA4546SW	A7CE (FAA)	CAR 3
12.	Diamond Aircraft Industries	DA42NG and DA42M-NG	2010T03 (ANAC)	RBHA 23 14 CFR Part 23
13.	Piper Aircraft	PA-23-160, PA-23-250	1A10 (FAA)	CAR 3



Folha de Continuação ao  
(Continuation Sheet to)

**CERTIFICADO SUPLEMENTAR DE TIPO**  
(Supplemental Type Certificate)

**NÚMERO**                      **2015S02-12**  
(Number)

**LIMITAÇÕES E CONDIÇÕES:**  
(Limitations and Conditions:)

- I. The approval of this type design change should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined by the installer 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.
- II. 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.
- III. Operation must be performed in accordance with the FAA approved Aircraft Flight Manual Supplement (AFMS), document No. 960-001, Rev. A, dated 03 Aug. 2010, or later FAA approved revisions.
- IV. A copy of this Certificate, the Supplement referred in item III above and the ANAC Approved Model List (AML) for CST No. 2015S02-12 shall be maintained as part of the permanent records for the modified aircraft.

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