ANAC
AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL

CERTIFICADO SUPLEMENTAR DE TIPO

(SupplementalTypeCertificate)

NÚMERO (Number) **2015S01-08**

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 "CódigoBrasileiro de Aeronáutica", dated 19 December 1986,

é conferido ao (à): (is granted to:)
J. P. Instruments
3185 Airway Ave, Suite B
Costa Mesa, CA92626-4601
USA

porter a modificaçãoaoprojeto de tipo do produtoabaixocitado, observadas as limitações e condições (for therefor as)
having the change to the type design oftheproduct mentioned below, with the limitations and conditions

especificadas, satisfeito aos requisitos de aeronavegabilidade aplicáveis.
(specified hereon, met the applicableairworthiness requirements.)

Produto Original - Númerodo Certificado de Tipo: (Original Product – Type Certificate No:) * See attached ANAC Approved Model List (AML), Rev. IR, dated 20 Jan. 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) Primary Engine Data Management System in accordance with JPI Installation Manual for the EDM 900/930, Document No. 908, Rev. J, dated 24 May 2014, or later approved revisions.

This CST validates in Brazil the STC # SA01435SE, issued by FAA (USA).

LIMITAÇÕES E CONDIÇÕES:
(LimitationsandConditions:)

See continuation sheet for applicable data.

DATAS:
(Dates of:)

Do Requerimento:30 July 2014 (Application:) **Da emissão**: 20 Jan. 2015 (Issuance:) **Da reemissão**: (Reissuance:) **Da emenda**: (Amendment:)

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

p/ **DINO ISHIKURA**
Superintendente de Aeronavegabilidade
(Airworthiness Superintendent)

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Folha de Continuação ao
(ContinuationSheetto)

CERTIFICADO SUPLEMENTAR DE TIPO
(SupplementalTypeCertificate)

NÚMERO (Number) **2015S01-08**

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 following FAA approved Aircraft Flight Manual Supplement (AFMS):

- Document No. 900-0001, Rev. D, dated 01 Dec. 2011, or later approved revisions for EDM-900.
- Document No. 930-0001, Rev. C, dated 10 Dec. 2004, or later approved revisions for EDM-930.

IV) A copy of this Certificate, the Supplement referred in item III above and the ANAC Approved Model List (AML) for CST No. 2015S01-08 shall be maintained as part of the permanent records for the modified aircraft.

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ANAC APPROVED MODEL LIST FOR CST 2015S01-08

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL(S)	TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS
1.	Alexandria Aircraft (Bellanca)	14-19-3 and 17-30	1A3 (FAA)	CAR 3
2.	American Champion	7ECA, 7GCAA and 7GCBC	A-759 (FAA)	CAR 4a
3.	American Champion	8KCAB and 8GCBC	A21CE (FAA)	14 CFR Part 23
4.	Aviat Aircraft, Inc.	A-1	9801 (ANAC)	14 CFR Part 23
5.	Beechcraft Corporation (Hawker)	D17S (Army UC-43, UC-43B, Navy GB-1, GB-2)	A-649 (FAA)	14 CFR Part 23
6.	Beechcraft Corporation	A24R, B24R and C23	A1CE (FAA)	CAR 3
7.	Beechcraft Corporation	35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33A, F33A, G33, H35, K35, M35, N35, P35, S35, V35, V35A, V35B, 36, A36, G36, A36TC and B36TC. Also 35-C33A, E33A, F33A, S35, V35, V35A, V35B, A36 with CST 1999S02-07 that validate the FAA STC SA1835SO Also 35-C33A, E33A, F33A, S35, V35, V35A, V35B, 36, A36 with CST 2009S11-11 that validate the FAA STC SA10145SC	3A15 (FAA)	CAR 3
8.	Beechcraft Corporation	35, A35, B35, C35, D35, E35, F35 and G35	A-777 (FAA)	CAR 3
9.	Boeing	AT-6D (SNJ-5) and T-6G	A-2-575 (FAA)	CAR 4a
10.	Boeing	A75, A75N1 and E75	A-743	CAR 4a

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ANAC APPROVED MODEL LIST
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ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL(S)	TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS
11.	Cessna Aircraft Company	150, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152 and A152	3A19 (FAA)	CAR 3 14 CFR Part 23
12.	Cessna Aircraft Company	170, 170A and 170B Also 170B with CST 2011S09-05 that validate the FAA STC SA7441SW	A-799 (FAA)	CAR 3
13.	Cessna Aircraft Company	172, 172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H, 172I, 172K, 172L, 172M, 172N and 172P	3A12 (FAA)	CAR 3 14 CFR Part 23
14.	Cessna Aircraft Company	172R and 172S	9705 (ANAC)	RBHA 23 14 CFR Part 23
15.	Cessna Aircraft Company	172RG, R172K and 175	3A17 (FAA)	CAR 3
16.	Cessna Aircraft Company	177, 177A and 177B	A13CE (FAA)	14 CFR Part 23
17.	Cessna Aircraft Company	177RG	A20CE (FAA)	14 CFR Part 23
18.	Cessna Aircraft Company	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J and 180K Also with the CST 2009S03-06 that validate the FAA STC SA02294CH	5A6 (FAA)	CAR 3
19.	Cessna Aircraft Company	182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, R182 and T182 Also 182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R with the CST 2009S03-06 that validate the FAA STC SA02294CH	3A13 (FAA)	CAR 3 14 CFR Part 23
20.	Cessna Aircraft Company	182S, 182T and T182T	9706 (ANAC)	RBHA 23 14 CFR Part 23
21.	Cessna Aircraft Company	185, 185A, 185B, 185E, A185E and A185F	3A24 (FAA)	CAR 3

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ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL(S)	TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS
		Also with the CST 9603-01 that validate the FAA STC SA2933SO Also A185E and A185F with the CST 2009S03-06 that validate the FAA STC SA02294CH		
22.	Cessna Aircraft Company	190 and 195	A-790 (FAA)	CAR 3
23.	Cessna Aircraft Company	206, P206A, P206B, P206D, P206E, TU206F, TU206G, U206, U206A, U206B, U206C, U206D, U206E, U206F and U206G Also P206A, P206B, P206D, P206E, U206B, U206C, U206D, U206E, U206F and U206G with the CST 2008S02-01 that validate the FAA STC SA02507AT-D Also 206, P206A, P206B, P206D, P206E, TU206G, U206A, U206B, U206C, U206D, U206E, U206F and U206G with the CST 2009S03-06 that validate the FAA STC SA02294CH Also P206A, P206B, P206D, P206E, U206B, U206C, U206D, U206E, U206F and U206G with the CST 9603-03 that validate the FAA STC SA2830SO	A4CE (FAA)	RBHA 23 14 CFR Part 23
24.	Cessna Aircraft Company	206H and T206H	1999T06 (ANAC)	RBHA 23 14 CFR Part 23
25.	Cessna Aircraft Company	207, 207A, T207 and T207A	A16CE (FAA)	14 CFR Part 23
26.	Cessna Aircraft Company	210, 210A, 210B, 210C, 210D, 210E, 210F, 210G, 210H, 210J, 210K, 210L, 210M, 210N, 210R, 210-5 (205), 210-5A (205A), P210N, T210L, T210M, T210N and T210R Also 210K, 210L, 210M, 210N with CST 2009S09-32 that validate the FAA STC SA02029AT-D Also 210D, 210E, 210F, 210G, 210H, 210J, 210K, 210L, 210M, 210N, 210R with CST 2014S07-08 that validate the FAA STC SA09952AT-D Also , T210L, T210M, T210N and T210R with CST 2009S09-33 that validate	3A21 (FAA)	CAR 3

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		the FAA STC SA02107AT-D Also 210K, 210L, 210M, 210N with CST 2002S10-02 that validate the FAA STC SA00773AT		
27.	Cessna Aircraft Company	LC42-550FG	2007T01 (ANAC)	RBAC 23 14 CFR Part 23
28.	Cirrus	SR20 and SR22 Also SR22 with CST 2007S06-03 that validate the FAA STC SA105888SC	2005T05 (ANAC)	RBAC 23 14 CFR Part 23
29.	CPAC Inc. (Commander Aicraft)	112 and 114 Also 112 with CST 2005S07-02 that validate the FAA STC SA5202NM	A12SO (FAA)	CAR 3
30.	Diamond Aircraft Industries	DA20-C1	2009T04 (ANAC)	RBHA 23 14 CFR Part 23
31.	Diamond Aircraft Industries	DA40 and DA40F Also DA40 with CST 2010S09-14 that validate the FAA STC SA02476CH-D	2008T04 (ANAC)	RBHA 23 14 CFR Part 23
32.	Extra	EA300/L	2012T14 (ANAC)	RBHA 23 14 CFR Part 23
33.	Fairchild	24R46A	A-706	CAR 4a
34.	FS2003 Corp.	PA12	A-780	CAR 3
35.	GA8 AIRVAN PTY LTD	GA8-TC320	2014T06	14 CFR Part 23
36.	HELIO	H-391B, H-295 and HT-295	1A8	CAR 3
37.	Lavia S.A.	PA25-235	2A8	CAR 3
38.	Maule Aerospace Tecnology, Inc.	M-6-235, M-7-235, M-7-235B,	3A23 (FAA)	CAR 3
39.	Maule Aerospace Tecnology, Inc.	M-7-235C, MX-7-180A, MX-7-180B and MXT-7-180A	9310 (ANAC)	RBHA 23 / CAR 3

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ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL(S)	TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS
				14 CFR Part 23
40.	Mooney Aircraft Corp.	M20A, M20B, M20C, M20E and M20F	2A3 (FAA)	CAR 3
41.	Mooney Aircraft Corp.	M20J, M20K, M20M, M20R and M20TN	8701 (ANAC)	RBHA 23 / CAR 3 14 CFR Part 23
42.	Sierra Hotel Aero Inc.	Navion H	A-782 (FAA)	CAR 3
43.	Piper Aircraft	PA-28-140, PA-28-150, PA-28-151, PA-28-160, PA-28-161, PA-28-180, PA-28-181, PA-28-235, PA-28-236, PA-28R-180, PA-28R-200, PA-28R-201, PA-28R-201T, PA-28RT-201 and PA-28RT-201T Also PA-28R-180, PA-28R-200, PA-28R-201, PA-28R-201T with CST 2011S10-10 that validate the FAA STC SA129CH Also PA-28R-201T and PA-28RT-201T with CST 2001S01-01 that validate the FAA STC SA01024CH	2A13 (FAA)	CAR 3
44.	Piper Aircraft	PA-18 "150" and PA-18A "150"	1A2 (FAA)	CAR 3
45.	Piper Aircraft	PA-22-135, PA-22-150 and PA-22-160	1A6 (FAA)	CAR 3
46.	Piper Aircraft	PA-32-260, PA-32-300, PA-32R-300 PA-32RT-300T, PA-32-301, PA-32R-301(SP), PA-32R-301(HP) and PA-32R-301T	A3SO (FAA)	CAR 3
47.	Piper Aircraft	PA-24, PA-24-250, PA-24-260 and PA-24-400	1A15 (FAA)	CAR 3
48.	Piper Aircraft	PA-38-112	8402 (ANAC)	RBHA 23 14 CFR Part 23
49.	Piper Aircraft	PA-46R-350T, PA-46-350P	9501 (ANAC)	RBHA 23 14 CFR Part 23

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50.	Piper Aircraft	PA-36-375, PA-36-300	9113 (ANAC)	RBHA 23 14 CFR Part 23
51.	REVO Inc.	Lake LA-4-200	1A13 (FAA)	CAR 3
52.	REVO Inc.	Lake Model 250	8704 (ANAC)	CAR 3 RBHA 23 14 CFR Part 23
53.	SOCATA	TB 9, TB 10, TB 20 and TB 21	9211 (ANAC)	RBHA 23 14 CFR Part 23
54.	Sky Enterprices Inc.	RC-3	A-769 (FAA)	CAR 3
55.	SWIFT MUSEUM FOUNDATION INC.	GC-18	A-766	CAR 4a
56.	Short Brothers & Harland Ltd.	SC-7 Series 3	A15EU (FAA)	14 CFR Part 23
57.	True Flight Holdings (American General)	AA-1	A11EA (FAA)	14 CFR Part 23
58.	True Flight Holdings (American General)	AA-5	A16EA (FAA)	14 CFR Part 23
59.	Univair Aircraft Corporation [Stinson]	108-3	A-767 (FAA)	CAR 3
60.	Viking Air Limited	DHC-2 Mk I	A-806	CAR 3
61.	WEATHERLY AVIATION COMPANY	620B	9309	RBHA 23 14 CFR Part 23

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ANAC Approved: _____

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

ANAC Approved Date: **20 Jan. 2015**

Revision: IR