

SUPPLEMENTAL TYPE CERTIFICATE

10052044

This Supplemental Type Certificate is issued by EASA, acting in accordance with Regulation (EC) No. 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation and in accordance with Commission Regulation (EU) No. 748/2012 to

J.P. INSTRUMENTS, INC

**P.O.BOX. 7033
HUNTINGTON BEACH CA 92646
USA**

and certifies that the change in the type design for the product listed below with the limitations and conditions specified meets the applicable Type Certification Basis and environmental protection requirements when operated within the conditions and limitations specified below:

**Original Type Certificate Number : SEE EASA APPROVED MODEL LIST
Type Certificate Holder : SEE EASA APPROVED MODEL LIST
Type Design - Model : SEE EASA APPROVED MODEL LIST
Original STC Number : FAA STC SA2586NM**

Description of Design Change:

Installation of J. P. Instruments temperature monitoring systems

EASA Certification Basis:

The Certification Basis (CB) for the original product remains applicable to this certificate/ approval. The requirements for environmental protection and the associated certified noise and/ or emissions levels of the original product are unchanged and remain applicable to this certificate/ approval.

See Continuation Sheet(s)

For the European Aviation Safety Agency,

Date of issue: 02 February 2015



Yves MORIER
Head of General Aviation and
Remotely Piloted Aircraft Systems (RPAS)

Note:
The following numbers are listed on the certificate:

SUPPLEMENTAL TYPE CERTIFICATE - 10052044 - J.P. INSTRUMENTS, INC

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Associated Technical Documentation:

Instruments Drawing List Report No. 100, Revision D, dated December 19, 1996

Flight Manual Supplement no. 1 for EGT-701 temperature indicator, Revision A, dated December 13, 1996

or later revisions of the above listed documents approved by EASA in accordance with EASA ED Decision 2004/04/CF (or subsequent revisions of this decision) and/ or the Technical Implementation Procedures of EU/ USA Bilateral Agreement.

Limitations/Conditions:

Approval of this change in type design applies to the above model aircraft only.

This STC requires the installation of JPI temperature monitoring systems via FAA STC SA2586NM.

Prior to installation of this design change it must be determined that the interrelationship between this design change and any other previously installed design change and/ or repair will introduce no adverse effect upon the airworthiness of the product.

- end -

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EASA Approved Model List (AML)
10052044
J. P. Instruments

ITEM	MAKE	AIRCRAFT MODEL	TCDS
1.	Air Tractor	AT-300, AT-301	A9SW
2.	Alpha Aviation Concept Ltd.	R2160	EASA.IM.A.086
3.	American Champion	8KCAB, 8GCBC	A21CE
4.	American Champion	7GCBC, 7ECA, 7GCBA, 7GCAA, 7KCAB	A-759
5.	Aviat Aircraft Inc.	A-1, A-1A, A-1B	EASA.IM.A.294
6.	Beechcraft Corporation	58, 58P, 58PA, 58TC, 58TCA	A23CE
7.	Beechcraft Corporation.	65, 65-80, 65-A80, 65-A80-8800, 65-88, 65-B80, A65, A65-8200, 70.	3A20
8.	Beechcraft Corporation.	95, B95, B95A, D95A, E95 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B, 95-C55, 95-C55A, D55, D55A, E55, E55A, 56TC, A56TC, 58, 58A, 95-58.	3A16
9.	Beechcraft Corporation	H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, E33A, E33C, F33, F33A, F33C, G33, 36, A36, A36TC, B36TC	3A15
10.	CESSNA	150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, A150K, 150L, A150L, 150M, A150M, 152, A152.	3A19
11.	CESSNA	172, 172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H 172I, 172K, 172L, 172M, 172N, 172P, 172Q	3A12
12.	CESSNA	172R, 172S	EASA.IM.A.051
13.	CESSNA	172RG, P172D, R172E, R172F, R172G, R172H, R172J, R172K, 175, 175A, 175B, 175C.	3A17
14.	CESSNA	177, 177A, 177B.	A13CE
15.	CESSNA	177RG	A20CE
16.	CESSNA	180,180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K	5A6
17.	CESSNA	182,182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, R182, T182, TR182,182RS.	3A13
18.	CESSNA	182S, 182T, T182T	EASA.IM.A.052
19.	CESSNA	F182P, F182Q, FR182	A42EU
20.	CESSNA	185, 185A, 185B, 185C, 185D, 185E, A185E, A185F	3A24
21.	CESSNA	188, 188A, 188B, A188, A188A, A188B, T188C.	A9CE
22.	CESSNA	206, P206, P206A, P206B, P206C, P206D, P206E, P206H, TP206A, TP206B, TP206C, TP206D, TP206E,.	A4CE

Note:
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ITEM	MAKE	AIRCRAFT MODEL	TCDS
		U206, U206A, U206B, U206C, U206D, U206E, U206F, U206G, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, TU206G.	
23.	CESSNA	206H, T206H	EASA.IM.A.053
24.	CESSNA	207, 207A, T207, T207A	A16CE
25.	CESSNA	210, 210A, 210B, 210C, 210D, 210E, 210F, 210-5, 210-5A, T210F, 210G, T210G, 210H, T210H, 210J, T210J, T210K, 210K, 210L, T210L, 210M, 210N, 210R, T210M, P210N, T210N, P210R, T210R	3A21
26.	CESSNA	310, 310A, 310B, 310C, 310D, 310E, 310F, 310G, 310H, E310H, 310I, 310J, 310K, 310L, 310N, 310P, 310Q, 310R, 310J-1, E310J, T310P, T310Q, T310R	3A10
27.	CESSNA	321.	3A11
28.	CESSNA	320, 320A, 320B, 320C, 320D, 320E, 320F, 320-1, 335, 340, 340.	3A25
29.	CESSNA	336.	A2CE
30.	CESSNA	T303	A34CE
31.	CESSNA	337, 337A, 337B, 337C, 337D, 337E, 337F, 337G, 337H, T337B, T337C, T337D, T337E, T337F, T337G, T337H, M337B, P337H, T337H-SP.	A6CE
32.	CESSNA	401, 401A, B, 402, 402A, B, C, 411, 411A, 414, 414A, 421, 421A, 421B, 421C	A7CE
33.	Cirrus Design Corp.	SR-20, SR-22	EASA.IM.A.007
34.	CPAC, Inc.	112, 112TC, 112B, 112TCA, 114, 114A, 114B, 114TC.	A12SO
35.	DIAMOND	DA40, DA40F	EASA.A.022
36.	DIAMOND	DA20-A1, DA20-C1	EASA.IM.A.223
37.	Diamond Aircraft Ind. GmbH	HK36, HK36TC, TS, TTC, TTC-ECO	G07CE
38.	EADS-PZL Warszawa-Okecie	PZL-104 Wilga 80 PZL-104M Wilga 2000	EASA.A.061
39.	EXTRA	EA-300, EA-300S, EA-300L, EA-300/200	EASA.A.362
40.	EXTRA	EA-400	A43CE
41.	General Avia	F22B, F22R, F22C	EASA.SAS.A.053
42.	General Avia	F20	EASA.SAS.A.052
43.	Beechcraft Corporation	23, A23, A23A, A23-19,19A, B19, M19A, A23-24, B23, C23, A24, A24R, B24R, C24R.	A1CE
44.	Beechcraft Corporation	35, A35, B35, C35, D35, E35, F35, G35, 35R	A-777
45.	Beechcraft Corporation	50, B50, D50, D50A, D50B, D50C, D50E, E-5990, E50, E50F, E50G, E50H, E50J.	5A4
46.	Beechcraft Corporation	60, A60, B60.	A12CE

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STC APPROVAL – 10052044 – J. P. Instruments – EASA Approved Model List (AML)

ITEM	MAKE	AIRCRAFT MODEL	TCDS
47.	Beechcraft Corporation	76	A29CE
48.	Beechcraft Corporation	77	A30CE
49.	Interceptor	200, 200A, 200B, 200C, 200D	3A18
50.	LAVIA S.A.	PA-25, PA-25-235, PA-25-260.	AR AV-0004 /US 2A8
51.	MAULE	M-5-180C, M-5--200, M-5--210TC, M-6-180, MXT-7-180, MXT-7-180A, MXT-7-180B, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C.	EASA.IM.A.018
52.	MAULE	Bee Dee M-4, M-4, M-C, M-4S, M-4T, M-4-210, M-4-210C, M-4-210S, M-4-210T, M-4-220C, M-4-220S, M-4-220T, M-4-180C, M-4-180S, M-4-180T, M-4-220, M-5-210C, M-5- 220C, M-5-235C, M-6-235, MX-7-235, MX-7-235A, MX-7-235B, MX-7-235C, M-7-235, M-7-235A, M-7-235B, M-7-235C, M-7-260, MT-7- 260	EASA.IM.A.018
53.	MAULE	MXT-7-160, MX-7-180AC, M-5-200 M-7-260, M-4-220C, M-4-220S, M-4-220T, MT-7-235, M5- 235C	EASA.IM.A.018
54.	Mooney	M20, M20A, M20B, M20C, M20D, M20E, M20F, M20G, M20J, M20K, M20L, M20S.	2A3
55.	Mooney	M20M, M20R	EASA.IM.A.266
56.	Mooney	M20TN	2A3
57.	Mooney	M20K Rocket 305, M20J Missile	2A3
58.	(Mooney)	M22	A6SW
59.	PILATUS	PC6/350, PC6/350-H1, PC6/350-H2	CH F 56-10
60.	Piper Aircraft, Inc.	PA-23-235, PA-23-250, PA-E23-250.	1A10
61.	Piper Aircraft, Inc.	PA-24, PA-24-250, PA-24-260, PA-24-400.	1A15
62.	Piper Aircraft, Inc.	PA-28-140, PA-28-150, PA-28-151, PA-28-160, PA-28-161, PA-28-180, PA-28S-160, PA-28S-180, PA-28R-180, PA-28-181 PA-28R-200, PA-28-236, PA-28-235, PA-28R-201, PA-28R-201T, PA-28RT-201T, PA-28RT-201, PA-28-201T	2A13
63.	Piper Aircraft, Inc.	PA-30, PA-39, PA-40.	A1EA
64.	Piper Aircraft, Inc.	PA-31, PA-31-300, PA-31-325, PA-31-350	A20SO
65.	Piper Aircraft, Inc.	PA-31P, PA-31P-350	A8EA
66.	Piper Aircraft, Inc.	PA-32-260, PA-32-300, PA-32S-300, PA-32R-300, PA-32RT-300, PA-32RT-300T, PA-32R-301T, PA-32-301.	A3SO
67.	Piper Aircraft, Inc.	PA-32-301T (Saratoga II TC), PA-32R-301 (Saratoga II HP)	EASA.IM.A.239
68.	Piper Aircraft, Inc.	PA-34-200, PA-34-200T, PA-34-220T (Seneca IV).	A7SO
69.	Piper Aircraft, Inc.	PA-34-220T (Seneca V)	EASA.IM.A.090

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70.	Piper Aircraft, Inc.	PA-38-112.	A18SO
71.	Piper Aircraft, Inc.	PA-44-180, PA-44-180T.	EASA.IM.A.232
72.	Piper Aircraft, Inc.	PA-46-310P, PA-46-350P.	EASA.IM.A.077
73.	Slingsby Aviation Ltd.	T67M260, T67M260-T3A	EASA.A.390
74.	SOCATA	TB9, TB10 TB20, TB21, 200	EASA.A.378
75.	True Flight Holdings LLC	AA-1, AA-1A, AA-1B, AA-1C.	A11EA
76.	True Flight Holdings LLC	AA-5, AA-5A, AA-5B, AG-5B.	A16EA
77.	Twin Commander Aircraft LLC (Gulfstream American, Rockwell)	560-F, 680, 680E, 680F, 680FL, 680FL(P), 685.	2A4
78.	Twin Commander Aircraft LLC (Gulfstream American, Rockwell)	500, 500-A, 500-B, 500-U, 500-S, 520, 560, 560-A, 560-E.	6A1
79.	Vulcanair S.p.A	P68, P68B, P68C, P68C-TC, P68TC, AP68TP 300	EASA.A.385
80.	Waco	YMF (F5, F5C)	EASA.IM.A.055
81.	WACO Classic Aircraft Corp.	2T-1A, 2T-1A-1, 2T-1A-2	A18EA
82.	ZLIN Aircraft A.S.	Z-242L	EASA.A.027
83.	ZLIN Aircraft A.S.	Z-143L	EASA.A.028

For the European Aviation Safety Agency,

Date of Issue: 02 February 2015



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 Head of General Aviation and
 Remotely Piloted Aircraft Systems (RPAS)

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