



CERTIFICADO SUPLEMENTAR DE TIPO (Supplemental Type Certificate)

NÚMERO: 2019S07-10

(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): Electronics International Inc.
is granted to: 63296 Powell Butte Highway
Bend, OR 97701
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

especificadas, satisfeito aos requisitos de aeronavegabilidade aplicáveis.
there for as specified hereon, met the applicable airworthiness requirements.

Produto Original - Número do Certificado de Tipo: * See attached ANAC Approved Model List (AML),
Original Product - Type Certificate No: Rev. I.R., dated 23 July 2019, or later approved revision.

Fabricante: *
Manufacturer:

Modelo(s): *
Model (s):

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

Installation of Electronics International Inc. Glass Panel Engine Monitor (with In-Flight Data) CGR-30P in accordance with Electronics International Inc. Master Drawing List, Document No. MDL 02041301, Rev. C, dated 19 Aug. 2016, or later approved revision; and Electronics International Inc. Installation Instructions, Document No. II 02151301, Rev. E, dated 08 May 2015, or later approved revision.

This CST validates in Brazil the STC No. SA02283SE, issued by FAA (USA).

LIMITAÇÕES E CONDIÇÕES: *Limitations and Conditions:*

See continuation sheet for applicable data.

DATAS:
Dates of:

Do requerimento: 17 May 2019
Application:

Da emissão: 23 July 2019
Issuance:

Da reemissão:
Reissuance:

Da emenda:
Amendment:

Assinado Digitalmente
(Digitally Signed)

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

Assinado Digitalmente
(Digitally Signed)

Superintendente de Aeronavegabilidade
(Airworthiness Superintendent)

Nota:*(Note:)*

- a) Este Certificado e os dados técnicos com base nos quais ele foi emitido são válidos até que sejam cancelados, *(This Certificate and the supporting technical data used for approval shall remain in effect until surrendered,*
suspended, revoked or a termination date is otherwise established by the Agência Nacional de Aviação Civil.)
- b) No caso de transferência de propriedade deste Certificado, o transferente deve preencher o quadro "Endosso de Transferência", e o adquirente deve enviar este Certificado à Gerência Geral de Certificação de Produto Aeronáutico para que seja reemitido em seu nome. *(In case of transfer of the property of this Certificate, the grantor should fill the blanks of "Transfer Endorsement", and the transferee must remit this Certificate to the Gerência Geral de Certificação de Produto Aeronáutico to permit reissuance of the Certificate in his name.)*

ENDOSSO DE TRANSFERÊNCIA*(Transfer Endorsement)***Transfiro a propriedade deste Certificado Suplementar de Tipo para:***(I transfer the property of this Supplemental Type Certificate to:)***ADQUIRENTE***(Transferee)***Nome:***(Name:)***Rua:***(Street:)***CEP:** **Cidade:** **Estado:**..... **País:***(Zip:)**(City:)**(State:)**(Country:)***TRANSFERENTE***(Grantor)***Nome:***(Name:)***Rua:***(Street:)***CEP:** **Cidade:** **Estado:**..... **País:***(Zip:)**(City:)**(State:)**(Country:)***Data de Transferência:***(Date of Transfer:)***Assinatura do Transferente:***(Signature of the Grantor:)***Nome:***(Name:)***Cargo:***(Function:)*



Folha de Continuação ao
(Continuation Sheet to)

CERTIFICADO SUPLEMENTAR DE TIPO (Supplemental Type Certificate)

NÚMERO: 2019S07-10

(Number)

LIMITAÇÕES E CONDIÇÕES:

Limitations and Conditions:

- I. The approval of this type design change should not be extended to other aircraft of these models 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), Electronics International Inc. Document No. AFM022513, Rev. F, dated 14 Aug. 2014, or later FAA approved revision.
- IV. The maintenance of the aircraft shall be performed in accordance with the Electronics International Inc. Instructions for Continued Airworthiness (ICA), Document No. 06211301, Rev. E, dated 28 Mar. 2014, or later FAA accepted revision.
- V. Only one of the parameters displayed on the Secondary Screen may have a Caution and/or Warning operating range.
- VI. A copy of this Certificate, the Supplement referred on item III above and the ANAC Approved Model List (AML) for CST No. 2019S07-10 shall be maintained as part of the permanent records for the modified aircraft.

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F-400-01G (SEI 03.17)

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Documento assinado eletronicamente por **Cesar Rodrigues Hess, Gerente-Geral de Certificação de Produtos Aeronáuticos, Substituto**, em 24/07/2019, às 13:42, conforme horário oficial de Brasília, com fundamento no art. 6º, § 1º, do [Decreto nº 8.539, de 8 de outubro de 2015](#).



Documento assinado eletronicamente por **Roberto José Silveira Honorato, Superintendente de Aeronavegabilidade**, em 24/07/2019, às 17:16, conforme horário oficial de Brasília, com fundamento no art. 6º, § 1º, do [Decreto nº 8.539, de 8 de outubro de 2015](#).



A autenticidade deste documento pode ser conferida no site <http://sistemas.anac.gov.br/sei/autenticidade>, informando o código verificador **3242889** e o código CRC **7B03AE4D**.



ANAC LISTA DE MODELOS APROVADOS (LMA) PARA CST (ANAC APPROVED MODEL LIST (AML) FOR (CST))

NÚMERO: 2019S07-10

(Number)

ITEM	FABRICANTE (MANUFACTURER)	MODELO(S) MODEL(S)	CERTIFICADO DE TIPO (TYPE CERTIFICATE)
1	Dynac Aerospace	(Aero Commander) 100	1A21 (FAA)
2	Aeromot	AMT-100, AMT-200, AMT-300, AMT-200S	8602 (ANAC)
3	Air Tractor	AT-401, AT-401B, AT-501	8801 (ANAC)
4	Alexandria Aircraft	14-19-3, 17-30	1A3 (FAA)
5	Alexandria Aircraft	17-30A	A18CE (FAA)
6	AG Cat	G-164, G-164A	1A16 (FAA)
7	American Champion	7AC, 7DC, 7EC, 7ECA, 7GCAA, 7GCB, 7GCBC, 7KCAB	A-759 (FAA)
8	American Champion	8KCAB, 8GCBC	A21CE (FAA)
9	American Champion	11AC	A-761 (FAA)
10	American Champion	11CC	A-796 (FAA)
11	Aviat Aircraft	A-1	9801 (ANAC)
12	Aviat Aircraft	S-2A	A8SO (FAA)
13	B-N Group Ltd.	BN-2A-3, BN-2A-6, BN-2A-8, BN-2A-9, BN-2A-21, BN-2A-27, BN-2B-21	BA8 (CAA UK)
14	Beechcraft Corporation	D17S	A-649 (FAA)
15	Beechcraft Corporation	F17D	689 (FAA)
16	Beechcraft Corporation	C18S	A-757 (FAA)
17	Beechcraft Corporation	23, A23, A23-24, C23, A24R, B24R	A1CE (FAA)
18	Textron Aviation	35, A35, B35, C35, D35, E35, F35, G35	A-777 (FAA)
19	Beechcraft Corporation	D50, D50A, D50B, J50	5A4 (FAA)
20	Textron Aviation	95, 95-55, 95-A55, 95-B55, 95-C55, B95, B95A, D55, E55, 56TC, A56TC, 58, G58	3A16 (FAA)
21	Textron Aviation	58P, 58TC	A23CE (FAA)
22	Beechcraft Corporation	60, A60, B60	A12CE (FAA)
23	Textron Aviation	65, A65, 65-80, 65-A80, 65-B80, 65-88	3A20 (FAA)
24	Textron Aviation	35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33A, E33C, F33A, F33C, G33, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 36, A36, G36, A36TC, B36TC	3A15 (FAA)
25	Boeing	AT-6D, T-6G	A-2-575 (FAA)
26	Boeing	A75, A75N1, E75	A-743 (FAA)
27	Boeing	DC3-G102, DC3-G103A, DC3-G202A	A-618 (FAA)
28	Camair	480	2A2 (FAA)
29	Textron Aviation	120, 140	A-768 (FAA)
30	Textron Aviation	150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, A152	3A19 (FAA)
31	Reims Aviation	FR 182	154 (DGAC France)
32	Textron Aviation	170, 170A, 170B	A-799 (FAA)
33	Textron Aviation	172, 172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H, 172I, 172K, 172L, 172M, 172N, 172P, 172Q	3A12 (FAA)
34	Textron Aviation	172R, 172S	9705 (ANAC)
35	Textron Aviation	172RG, R172K, 175, 175A, 175B, 175C	3A17 (FAA)
36	Textron Aviation	177, 177A, 177B	A13CE (FAA)

ITEM	FABRICANTE (MANUFACTURER)	MODELO(S) MODEL(S)	CERTIFICADO DE TIPO (TYPE CERTIFICATE)
37	Textron Aviation	177RG	A20CE (FAA)
38	Textron Aviation	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K	5A6 (FAA)
39	Textron Aviation	182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, R182, T182, TR182	3A13 (FAA)
40	Textron Aviation	182S, 182T, T182T	9706 (ANAC)
41	Textron Aviation	185, 185A, 185B, 185C, 185D, 185E, A185E, A185F	3A24 (FAA)
42	Textron Aviation	188, 188A, 188B, A188, A188A, A188B, T188C	A9CE (FAA)
43	Textron Aviation	190,195	A-790 (FAA)
44	Textron Aviation	206, P206A, P206B, P206C, P206D, P206E, TP206A, TP206B, TP206C, TP206D, TP206E, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, TU206G, U206, U206A, U206B, U206C, U206D, U206E, U206F, U206G	A4CE (FAA)
45	Textron Aviation	206H, T206H	1999T06 (ANAC)
46	Textron Aviation	207, 207A, T207, T207A	A16CE (FAA)
47	Textron Aviation	210, 210-5 (205), 210-5A (205A), 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	3A21 (FAA)
48	Regal	305A	5A5 (FAA0)
49	Textron Aviation	310, 310A, 310B, 310C, 310D, 310E, 310F, 310G, 310H, 310I, 310J, 310K, 310L, 310N, 310P, 310Q, 310R, E310H, E310J, T310R	3A10 (FAA)
50	Textron Aviation	320A, 320C, 320E, 340, 340A	3A25 (FAA)
51	Textron Aviation	401, 401A, 401B, 402, 402A, 402B, 402C, 411, 411A, 414, 414A, 421, 421B, 421C	A7CE (FAA)
52	Textron Aviation	404	A25CE (FAA)
53	Cessna Aircraft	LC41-550FG, LC42-550FG	2007T01 (ANAC)
54	Cirrus Design Corporation	SR20, SR22, SR22T	2005T05 (ANAC)
55	CPAC	112, 114	A12SO (FAA)
56	De Havilland Canada	DH 82A	A-2 (TCCA)
57	Diamond Aircraft Industries	DA20-C1	2009T04 (ANAC)
58	Diamond Aircraft Industries	DA 40, DA 40 F	2008T04 (ANAC)
59	Dornier	Do 28 A-1	A.360 (EASA)
60	Extra	EA-300/L	2012T14 (ANAC)
61	Fairchild	24R9, 24R46A	A-706 (FAA)
62	Fairchild	M62A	A-724 (FAA)
63	FS 2001 Corp.	J5A	A-725 (FAA)
64	FS 2003 Corp.	PA-12	A-780 (FAA)
65	Swift Museum Foundation	GC-1A, GC-1B	A-766 (FAA)
66	Beechcraft Corporation	C17L	ATC 602 (FAA)
67	GA8 Airvan PTY	GA8, GA8-TC 320	2014T06 (ANAC)
68	Helio Aircraft	H-295, HT-295, H-391B	1A8 (FAA)
69	Howard Aircraft Foundation	DGA-15P	A-717 (FAA)
70	Lavia Argentina	PA-25, PA-25-235, PA-25-260	AV-0004 (ANAC Argentina)

ITEM	FABRICANTE (MANUFACTURER)	MODELO(S) MODEL(S)	CERTIFICADO DE TIPO (TYPE CERTIFICATE)
71	Luscombe	8A, 8E, 8F	A-694 (FAA)
72	Maule Aircraft	M-4, M-4-210C, M-6-235, M-7-235, M-7-235B MX-7-235, MX-7-180, MXT-7-180, MT-7-235	3A23 (FAA)
73	Maule Aircraft	M-8-235, MX-7-160, MXT-7-160, MX-7-180A, MXT-7-180A, MX-7-180B, M-7-235C	9310 (ANAC)
74	Mooney Airplane Company	M20A, M20B, M20C, M20E, M20F	2A3 (FAA)
75	Mooney Airplane Company	M20J, M20K, M20M, M20R, M20TN	8701 (ANAC)
76	Sierra Hotel Aero	Navion , Navion E, Navion G, Navion H	A-782 (FAA)
77	Piper Aircraft	J3F-50, J3F-65	A-692 (FAA)
78	Piper Aircraft	J4	A-703 (FAA)
79	Piper Aircraft	J4E	A-740 (FAA)
80	Piper Aircraft	J3C-50, J3C-65	A-691 (FAA)
81	Piper Aircraft	PA-15	A-800 (FAA)
82	Piper Aircraft	PA-16	1A1 (FAA)
83	Piper Aircraft	PA-17	A-805 (FAA)
84	Piper Aircraft	PA-18, PA-18 "105" (Special), PA-18A, PA-18 "135", PA-18A "135", PA-18 "150", PA-18A "150"	1A2 (FAA)
85	Piper Aircraft	PA-20, PA-20 "135"	1A4 (FAA)
86	Piper Aircraft	PA-22, PA-22-108, PA-22-135, PA-22-150, PA-22-160	1A6 (FAA)
87	Piper Aircraft	PA-23, PA-23-160, PA-23-235, PA-23-250	1A10 (FAA)
88	Piper Aircraft	PA-24, PA-24-250, PA-24-260, PA-24-400	1A15 (FAA)
89	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, PA-28RT-201T	2A13 (FAA)
90	Piper Aircraft	PA-30, PA-39	A1EA (FAA)
91	Piper Aircraft	PA-31, PA-31-300, PA-31-325, PA-31-350	A20SO (FAA)
92	Piper Aircraft	PA-31P	A8EA (FAA)
93	Piper Aircraft	PA-32-260, PA-32-300, PA-32-301, PA-32R-300, PA-32R-301(SP), PA-32R-301(HP), PA-32R-301T, PA-32RT-300, PA-32RT-300T, PA-32-301FT, PA-32-301XTC	A3SO (FAA)
94	Piper Aircraft	PA-34-200, PA-34-200T, PA-34-220T	A7SO (FAA)
95	Piper Aircraft	PA-36-300, PA-36-375	9113 (ANAC)
96	Piper Aircraft	PA-38-112	8402 (ANAC)
97	Piper Aircraft	PA-44-180	2013T06 (ANAC)
98	Piper Aircraft	PA-46-350P, PA-46R-350T	9501 (ANAC)
99	Revo Incorporated	Lake LA-4, Lake LA-4A, Lake LA-4-200	1A13 (FAA)
100	Revo Incorporated	Lake Model 250	8704 (ANAC)
101	Burl Rodgers	15AC	A-802 (FAA0)
102	Daher Socata	TB 9, TB 10, TB 20, TB 21	9211 (ANAC)
103	Daher Socata	MS 885	A.377 (EASA)
104	Daher Socata	MS 894E	A.379 (EASA)
105	Stinson	V-77	A-774 (FAA)
106	Sky Enterprises	RC-3	A-769 (FAA)
107	Taylorcraft	BL-65	A-700 (FAA)
108	Taylorcraft 2000	BC12-D	A-696 (FAA)
109	Thrush Aircraft	S2R	A3SW (FAA)
110	Thrush Aircraft	S2R	A4SW (FAA)
111	True Flight Holdings	AA-1	A11EA (FAA)
112	True Flight Holdings	AA-5	A16EA (FAA)

ITEM	FABRICANTE (MANUFACTURER)	MODELO(S) MODEL(S)	CERTIFICADO DE TIPO (TYPE CERTIFICATE)
113	Twin Commander	500, 500-B, 500-U, 500-S, 520, 560, 560-E	6A1 (FAA)
114	Twin Commander	560-F, 680-E, 680-FL	2A4 (FAA)
115	Univair	108, 108-1, 108-2, 108-3	A-767 (FAA)
116	Univair	415-C	A-718 (FAA)
117	Univair	F-1A, A-2	A-787 (FAA)
118	Viking Air Limited	DHC-2 Mk. I, DHC-2 Mk. II	A-806 (FAA)
119	Vulcanair	P.68 C, P.68 "Observer 2", P.68R	2008T10 (ANAC)
120	Waco Classic Aircraft	2T-1A-2	2015T11 (ANAC)
121	Weatherly Aviation	620A, 620B	9309 (ANAC)

Aprovação ANAC:
(ANAC Approval:)

Assinado Digitalmente
(Digitally Signed)

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

Data da aprovação ANAC: 23 July 2019
(ANAC Approval Date:)

Revisão: I.R.
(Rev.):

F-400-01-Anexo (AML)

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Documento assinado eletronicamente por **Cesar Rodrigues Hess, Gerente-Geral de Certificação de Produtos Aeronáuticos, Substituto**, em 24/07/2019, às 13:42, conforme horário oficial de Brasília, com fundamento no art. 6º, § 1º, do [Decreto nº 8.539, de 8 de outubro de 2015](#).



A autenticidade deste documento pode ser conferida no site <http://sistemas.anac.gov.br/sei/autenticidade>, informando o código verificador **3243065** e o código CRC **9F3579A8**.