



CERTIFICADO SUPLEMENTAR DE TIPO (Supplemental Type Certificate)

NÚMERO: 2022S01-10

(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): uAvionix Corporation

is granted to: 2411 W. Winnemac Ave.
Chicago, IL 60625
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.
conditions 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 24 Jan. 2022, or later approved revision.

Fabricante: *
Manufacturer:

Modelo(s): *
Model (s):

DESCRIÇÃO DA MODIFICAÇÃO AO PROJETO DE TIPO:

Description of Type Design Change:

Installation of an AV-30-C Multi-Mode Indicator, in accordance with Master Document List (MDL) UAV-1004236-001, Revision C, dated 22 Sep. 2020, or later approved revision.

This CST validates in Brazil the STC No. SA00410BO, issued by FAA (USA).

LIMITAÇÕES E CONDIÇÕES:

Limitations and Conditions:

See continuation sheet for applicable data.

DATAS: **Do requerimento:** 12 Nov. 2021
Dates of: *Application:*

Da emissão: 24 Jan. 2022
Issuance:

Da reemissão:
Reissuance:

Da emenda:
Amendment:

Gerência de Certificação de Projeto de Produto Aeronáutico
(Aeronautical Product Design Certification Branch)

Superintendência de Aeronavegabilidade
(Department of Airworthiness)

Certificado assinado digitalmente (Digitally signed Certificate)

(Note:)

- a) Este Certificado e os dados técnicos com base nos quais ele foi emitido são válidos até que sejam cancelados, suspensos, revogados ou um prazo limite seja estabelecido pela Agência Nacional de Aviação Civil.
(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: 2022S01-10

(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), uAvionix document n° UAV-1004044-001, Rev. C, approved on 26 Aug. 2020, and uAvionix Pilot's Guide document n° UAV-1003946-001, Rev. B, dated 13 Jul. 2020. The AFMS must be carried in the aircraft during all flights.
- IV. The maintenance of the aircraft shall be performed in accordance with the Instructions for Continued Airworthiness (ICA), document n° UAV-1004045-001, Rev. A, dated 24 Apr. 2020. The ICA must be made available to the operator at the time of installation.
- V. Installation may not be performed as part of an integrated autopilot system, including heading bug interface, attitude source or flight director display.
- VI. Installation may not be performed as a replacement of a Horizontal Situational Awareness Indicator (HSI).
- VII. In installations where the primary attitude indicator is being replaced, the existing airspeed and altimeter must remain in their factory locations.
- VIII. A Wet compass must be installed in the aircraft.
- IX. The Certification Basis for parts changed or affected by this change, as specified on the FAA STC No. SA00410BO is applicable.
- X. A copy of this Certificate, the ANAC Approved Model List (AML) for CST No. 2022S01-10 and the Supplement referred on item III above shall be maintained as part of the permanent records for the modified aircraft.

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Documento assinado eletronicamente por **Pedro Henrique Leite Paludo, Gerente de Certificação de Projeto de Produto Aeronáutico, Substituto(a)**, em 26/01/2022, às 11:12, conforme horário oficial de Brasília, com fundamento no art. 4º, do [Decreto nº 10.543, de 13 de novembro de 2020](#).



Documento assinado eletronicamente por **Roberto José Silveira Honorato, Superintendente de Aeronavegabilidade**, em 26/01/2022, às 12:54, conforme horário oficial de Brasília, com fundamento no art. 4º, do [Decreto nº 10.543, de 13 de novembro de 2020](#).



A autenticidade deste documento pode ser conferida no site <https://sei.anac.gov.br/sei/autenticidade>, informando o código verificador **6710372** e o código CRC **9B51A5CE**.



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

NÚMERO: 2022S01-10

(Number)

ITEM	AIRCRAFT MAKER	AIRCRAFT MODEL(S)	TYPE CERTIFICATE NUMBER
1	Aviat Aircraft, Inc.	A-1, A-1C-180	EA-9801 (ANAC)
2	APEX Aircraft	CAP 10B	EA-8806 (ANAC)
3	Costruzioni Aeronautiche Tecnam S.P.A.	P2010	EA-2016T10 (ANAC)
4	Diamond Aircraft Industries Inc.	DA20-C1	EA-2009T04 (ANAC)
5	Diamond Aircraft Industries GMBH	DA 40, DA 40 F, DA 40 NG	EA-2008T04 (ANAC)
6	Maule Aircraft Inc.	M-7-235C, M-8-235, MX-7-160, MX-7-180A, MX-7-180B, MX-7-420, MXT-7-160, MXT-7-180A	EA-9310 (ANAC)
7	Mooney International Corporation	M20J, M20M, M20R, M20TN	EA-8701 (ANAC)
8	Piper Aircraft, Inc.	PA-38-112	EA-8402 (ANAC)
9	Revo, Incorporated	Lake 250	EA-8704 (ANAC)
10	Daher Socata	TB 9, TB 10, TB 20, TB 21	EA-9211 (ANAC)
11	Textron Aviation Inc.	172R, 172S	EA-9705 (ANAC)
12	Textron Aviation Inc.	182S, 182T, T182T	EA-9706 (ANAC)
13	Textron Aviation Inc.	206H	EA-1999T06 (ANAC)
14	Thrush Aircraft Inc.	S2R-T34	EA-2006T02 (ANAC)
15	WACO Classic Aircraft Corporation	2T-1A-2	EA-2015T11 (ANAC)
16	The WACO Aircraft Company	YMF	EA-2016T05 (ANAC)
17	Dynac Aerospace Corp	100	1A21 (FAA)
18	Alexandria Aircraft, LLC	17-30A	A18CE (FAA)
19	Alexandria Aircraft, LLC	14-19-3, 17-30	1A3 (FAA)
20	American Champion Aircraft Corporation	8KCAB, 8GCBC	A21CE (FAA)
21	American Champion Aircraft Corporation	7AC, 7DC, 7EC, 7ECA, 7GCAA, 7GCB, 7GCBC, 7KCAB	A-759 (FAA)
22	Aviat Aircraft, Inc.	S-2A	A8SO (FAA)
23	Boeing Airplane Company	A75, A75N1, E75	A-743 (FAA)
24	The Boeing Company	AT-6D, T-6G	A-2-575 (FAA)
25	CPAC, Inc.	112, 114	A12SO (FAA)
26	DeHavilland Support Limited	Beagle B.121 Series 1, Beagle B.121 Series 2, Beagle B.121 Series 3	A22EU (FAA)
27	FS2003 Corp.	PA-12	A-780 (FAA)
28	True Flight Holdings LLC	AA-1	A11EA (FAA)
29	True Flight Holdings LLC	AA-5	A16EA (FAA)
30	Helio Aircraft, LLC	H-295, H-391B, HT-295	1A8 (FAA)
31	Luscombe Aviation	8A, 8E, 8F	A-694 (FAA)
32	Maule Aircraft Inc.	M-4, M-4-210C, M-6-235, M-7-235, M-7-235B, MT-7-235, MX-7-180, MX-7-235, MXT-7-180	3A23 (FAA)
33	Mooney International Corporation	M20A, M20B, M20C, M20E, M20F	2A3 (FAA)
34	Sierra Hotel Aero, Inc	Navion, Navion E, Navion G, Navion H	A-782 (FAA)
35	Piper Aircraft, Inc.	PA-16	1A1 (FAA)
36	Piper Aircraft, Inc.	PA-18, PA-18 "105" (Special), PA-18A, PA-18 "135", PA-18A "135", PA-18 "150", PA-18A "150"	1A2 (FAA)
37	Piper Aircraft, Inc.	PA-20, PA-20 "135"	1A4 (FAA)
38	Piper Aircraft, Inc.	PA-22, PA-22-108, PA-22-135, PA-22-150, PA-22-160	1A6 (FAA)
39	Piper Aircraft, Inc.	PA-24, PA-24-250, PA-24-260	1A15 (FAA)

ITEM	AIRCRAFT MAKER	AIRCRAFT MODEL(S)	TYPE CERTIFICATE NUMBER
40	Piper Aircraft, Inc.	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-28R-180, PA-28R-200, PA-28R-201, PA-28R-201T, PA-28RT-201, PA-28RT-201T, PA-28-236	2A13 (FAA)
41	Piper Aircraft, Inc.	PA-32R-301 (HP), PA-32-301FT, PA32-301XTC	A3SO (FAA)
42	Revo, Incorporated	LAKE LA-4, LAKE LA-4A, LAKE LA-4-200	1A13 (FAA)
43	DAHER Socata	MS 885, MS 894E	7A14 (FAA)
44	Sky Enterprises, Inc.	RC-3	A-769 (FAA)
45	Swift Museum Foundation Inc.	GC-1A, GC-1B	A-766 (FAA)
46	Textron Aviation Inc.	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	3A15 (FAA)
47	Textron Aviation Inc.	35, A35, B35, C35, D35, E35, F35, G35	A-777 (FAA)
48	Textron Aviation Inc.	172, 172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H, 172I, 172K, 172L, 172M, 172N, 172P, 172Q	3A12 (FAA)
49	Textron Aviation Inc.	182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182I, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, R182, T182, TR182	3A13 (FAA)
50	Textron Aviation Inc.	175, 175A, 175B, 175C, R172K	3A17 (FAA)
51	Textron Aviation Inc.	150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, A150K, 150L, A150L, 150M, A150M, 152, A152	3A19 (FAA)
52	Textron Aviation Inc.	210, 210A, 210B, 210C, 210D, 210E, 210F, 210G, 210H, 210I, 210K, 210L, 210M, 210N, 210R, 210-5 (205), 210-5A (205A), P210N, P210R	3A21 (FAA)
53	Textron Aviation Inc.	185, 185A, 185B, 185C, 185D, 185E, A185E, A185F	3A24 (FAA)
54	Textron Aviation Inc.	140A	5A2 (FAA)
55	Textron Aviation Inc.	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K	5A6 (FAA)
56	Textron Aviation Inc.	177, 177A, 177B	A13CE (FAA)
57	Textron Aviation Inc.	177RG	A20CE (FAA)
58	Textron Aviation Inc.	206, P206A, P206B, P206C, P206D, P206E, U206, U206A, U206B, U206C, U206D, U206E, U206F, U206G	A4CE (FAA)
59	Textron Aviation Inc.	120, 140	A-768 (FAA)
60	Textron Aviation Inc.	190, 195	A-790 (FAA)
61	Textron Aviation Inc.	170, 170A, 170B	A-799 (FAA)
62	Thrush Aircraft Inc.	S-2R	A4SW
63	Univair Aircraft Corporation	415-C, 415-CD	A-718 (FAA)
64	Univair Aircraft Corporation	415-D, F1A, A-2	A-787 (FAA)
65	Univair Aircraft Corporation	108, 108-1, 108-2, 108-3	A-767 (FAA)
66	Cessna (Regal Air)	305A	5A5 (FAA)
67	Fleet Aircraft (Flight Aircraft Ltd)	FLEET 80	TC 788 (FAA)
68	Beech Aircraft	23, A23, C23, A23-24, A24R, B24R	A1CE (FAA)

Aprovação ANAC:

(ANAC Approval:)

Gerência de Certificação de Projeto de Produto Aeronáutico

(Aeronautical Product Design Certification Branch)

Data da aprovação ANAC: 24 Jan. 2022

(ANAC Approval Date:)

I.R.

Revisão:

(Rev.:)

F-400-01-Anexo (AML)

Fl. 02 de 02

H.02-5663-0



Documento assinado eletronicamente por **Pedro Henrique Leite Paludo, Gerente de Certificação de Projeto de Produto Aeronáutico, Substituto(a)**, em 26/01/2022, às 11:12, conforme horário oficial de Brasília, com fundamento no art. 4º, do [Decreto nº 10.543, de 13 de novembro de 2020](#).



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