



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number SA00410BO

This certificate issued to:

uAvionix Corporation
2411 W. Winnemac Ave.
Chicago, IL 60625

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.

Original Product - Type Certificate Number: See attached FAA Approved Model List (AML), Document No. UAV-1004296-001, Revision C, dated August 18, 2020, or later FAA approved revision, for the list of approved airplane models, applicable installation data requirements, and specific limitations.

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 B, dated August 19, 2020

Limitations and Conditions: See Page 2

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of Application: April 24, 2019

Date reissued:

Date of Issuance: August 31, 2020

Date amended:

By direction of the Administrator

Signature Min Zhang Digitally signed by Min Zhang
Date: 2020.08.31 20:39:40 -04'00'
For Nicholas Faust

Title Acting Manager, Boston ACO Branch

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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Limitations and Conditions:

1. Operation must be in accordance with the Airplane Flight Manual Supplement (AFMS), uAvionix document UAV-1004044-001, Revision C, FAA approved on August 26, 2000, or later FAA approved revision.
The AFMS must be carried in the aircraft during all flights.
2. Maintenance must be in accordance with Instructions for Continued Airworthiness (ICA), Document Number UAV-1004236-001, Revision A, dated April 24, 2020, or later FAA accepted revision.
The ICA must be made available to the operator at the time of installation.
3. Installation may not be performed as part of an integrated autopilot system, including heading bug interface, attitude source or flight director display.
4. Installation may not be performed as a replacement of a Horizontal Situational Awareness Indicator (HSI).
5. In installations where the primary attitude indicator is being replaced, the existing airspeed and altimeter must remain in their factory locations.
6. A Wet compass must be installed in the aircraft.
7. The installer must determine whether this design change is compatible with previously approved modifications.
8. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

Based on 14 CFR § 21.115 and § 21.101, and the FAA policy for design changes that are identified as not significant in FAA Order 8110.48, the certification basis for the aircraft listed in the AML is as follows:

- a. The type certification basis for parts **not changed or not affected** by the change is shown on the AML for each aircraft.
- b. The modification certification basis for parts **changed or affected** by the change is based on part 23 as amended by Amendment 23-61 as follows:

Regulations at the latest amendment 23-00 thru 23-61

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23.601, 23.603, 23.671, 23.771, 23.867, 23.1301, 23.1303, 23.1306, 23.1308, 23.1309,
23.1311, 23.1321, 23.1322, 23.1323, 23.1331, 23.1351, 23.1353, 23.1357, 23.1381, 23.1431,
23.1529, 23.1545, 23.1581, 23.1583, 23.1585

Regulations at an intermediate amendment

None

Regulations at the TCDS amendment

None

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