

# SUPPLEMENTAL TYPE CERTIFICATE

## 10075856

This Certificate/Approval is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 of that Regulation and in accordance with Commission Regulation (EU) No. 748/2012 to

## UAVIONIX CORPORATION

300 PINE NEEDLE LANE  
BIGFORK MT 59911  
UNITED STATES OF AMERICA

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, if applicable, environmental protection requirements when operated within the conditions and limitations specified below:

**Type Certificate Number:** SEE EASA APPROVED MODEL LIST

**Type Certificate Holder:** SEE EASA APPROVED MODEL LIST

**Type:** SEE EASA APPROVED MODEL LIST

**Model:** SEE EASA APPROVED MODEL LIST

**Original STC Number:** FAA STC SA00410BO

### Description of Design Change:

Validation of STC SA00410BO, AV-30-C

The AV-30-C is an instrument designed to serve as a primary attitude or direction indicator, in addition to other functions and installation approvals.

### EASA Certification Basis:

The Certification Basis for the original product as amended by the following additional or alternative airworthiness requirements:

the following paragraph(s) at a later amendment: 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 at CS23 amendment 2.

The requirements for environmental protection and the associated certified noise and/ or emissions levels of the product are unchanged and remain applicable to this certificate/approval without any impact on the noise database.

See Continuation Sheet(s)

For the European Union Aviation Safety Agency

Cologne, Germany, 15 March 2021



Manfred REICHEL  
Section Manager

Small Aircraft, Balloons & Airships Section



**Associated Technical Documentation:**

Installation in accordance with Master Drawing List (MDL) uAvionix document

UAV-1004236-001, Revision C

Operate in accordance with the Airplane Flight Manual Supplement (AFMS) uAvionix document

UAV-1004044-001, Revision C

Maintenance in accordance with Instructions for Continued Airworthiness (ICA) uAvionix document

UAV-1004045-001, Revision A

or later revisions of the above listed document(s) approved/accepted on behalf of EASA in accordance with the Technical Implementation Procedures of EU/ USA Bilateral Agreement.

**Limitations/Conditions:**

Installation may not be performed as part of an integrated autopilot system, including heading bug interface, attitude source or flight director display.

Installation may not be performed as a replacement of a Horizontal Situational Awareness Indicator (HSI).

In installations where the primary attitude indicator is being replaced, the existing airspeed and altimeter must remain in their current approved locations.

A magnetic compass must be installed or retained in the aircraft.

Connection to the Audio interface is not allowed for IFR approved non-metallic aircraft due to indirect lightning protection limitations.

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.

This STC is valid for those aircraft types and models approved by EASA as defined on EASA Product Lists, that are contained in the FAA Approved Model List UAV-1004236-001 at latest FAA approved revision.

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

- End -