Situational Awareness for Urban Air Mobility

Earn certification faster with Sagetech. We're ready when you are to assist with situational awareness solutions for integrating your urban air mobility (UAM) vehicle into the National Airspace System.

With innovations in type certifiable detect and avoid (DAA) systems and other solutions, we're working with the leading UAM eVTOL companies to enable safer flight.

Our Solutions for Your Operations

Integrate Easily with ATM. Whether you need discrete components or a complete detect and avoid system (DAA), count on our mission-proven set of technologies to deliver MOPS compliance and ensure integration with ACAS (ACAS Xa, Xu, and Xr) and/or TCAS within the Air Traffic Management System.

Huge Savings in SWaP. Purpose built for small, uncrewed aircraft, our solutions incorporate the latest microelectronics technologies with sophisticated computing to satisfy UAM needs. No need to find room for the traditionally large, heavy aircraft avionics solutions.
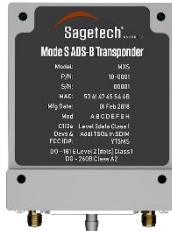
Your Experienced Partner and Guide

We sit on numerous committees to help create the future rule sets for urban air mobility/advanced air mobility. Our compliance experts can help you navigate the requirements for this emerging industry.

- DO-365 MOPS for Detect and Avoid Systems (TSO-C211b)
- DO-366 MOPS for Air-to-Air Radar fir Traffic Surveillance (TSO-C212a)
- DO-362 Command and Control (C2) Data Link MOPS (TSO-C213)
- DO-385 MOPS for Airborne Collision Avoidance Systems X (ACAS X)
- DO-181F Mode S Transponder MOPS (TSO-C112e)
- DO-260C ADS-B MOPS (TSO-C166b)
- AS8003 Altitude Encoder MOPS (TSO-C88b)
- DO-229D MOPS for GPS (TSO-C145c)

We're already world leaders in helping global programs achieve BVLOS flight in unmanned aircraft. Put this experience to work for you in creating your UAM situational awareness solution and fly safer with Sagetech on board.

Get Your Program Off the Ground with Sagetech

| **MXS TRANSPONDERS WITH ADS-B IN/OUT** | **DETECT AND AVOID SYSTEMS (DAA)** |

Maximum Functionality in a Minimal SWaP
Sagetech's next-gen MXS miniature transponder provides Mode S and 1090 MHz ADS-B In/Out for worldwide compliance of your uncrewed system, all integrated in a single tiny package. Featuring top and bottom monopole antennas, this transponder provides full pattern coverage for the ultimate in visibility and safety.

These transponders serve as essential UAV equipment on any civil or military program and FAA TSO certifications are pending. Non-certified units are serving in multiple programs now and ship from stock.

Prepare your UAM/AAM aircraft for type certifiability with an ACAS Xr system suitable for your mission. Sagetech can assist you with ACAS-based situational awareness components and system design today.
Miniature. Tiny SWaP-C. Plug and play integration. Certifiable

Sagetech Avionics is an aerospace technology company empowering safe flight in crewed and uncrewed aircraft with certifiable situational awareness solutions.

Currently serving military and civil duty on most small to medium UAVs, Sagetech solutions are mission-proven and offer decades of program experience, certifications, and millions of flight hours to deliver maximum value over the life of an unmanned platform. Today, Sagetech is expanding its technology platform to create comprehensive, certifiable systems such as detect and avoid solutions.

Every day, Sagetech works in concert with its extensive ecosystem of OEM customers, technology partners, and resellers to ensure UAVs fly safer with Sagetech on board. Learn more at www.sagetech.com.

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