

MEDIA RELEASE

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Contact

Tim Lawton
Director of Marketing & Public Relations
585-880-7523
tlawton@nuair.org



Sagetech Avionics Partners with NUAIR to Test Detect and Avoid Technology in New York's 50-Mile Drone Corridor

Detect and avoid technology a key aspect in enabling safe, commercial, beyond visual line of sight drone operations

(SYRACUSE, NEW YORK) – Sagetech Avionics Inc., a U.S. aerospace technology company providing industry-leading situational awareness solutions for crewed and uncrewed aerial systems, and NUAIR (Northeast UAS Airspace Integration Research Alliance, Inc.) a New York based nonprofit with a mission to safely integrate uncrewed aircraft systems (UAS) into the national airspace, have partnered to test Detect and Avoid (DAA) solutions and Automatic Dependent Surveillance–Broadcast (ADS-B) transponders, both developed by Sagetech. The testing to occur will be for various concepts of operations including package delivery, lateral infrastructure inspection, and other advanced operations where crewed and uncrewed aviation must safely share the same airspace.

“Sagetech is excited about our partnership with NUAIR, and the technology and platform partner ecosystem Ken and his leadership have developed,” said Sagetech chief growth officer, Mark Lanphear. “We expect to be able to demonstrate our situational awareness and onboard DAA capabilities with NUAIR and their current and future partners to support NUAIR’s efforts in demonstrating BVLOS capabilities in the corridor.”

Testing will take place in Syracuse, New York early this year. The partnership will also focus on the integration of various detect and avoid technologies and non-cooperative sensors, utilizing the robust LTE network at the New York UAS Test Site and within New York’s 50-mile UAS Corridor developed specifically for a wide variety of UAS operations.

“Detect and Avoid technology is a key aspect in enabling safe, commercial, beyond visual line of sight drone operations,” said NUAIR CEO Ken Stewart. “Safety is paramount, and we’re excited to help test and further develop the Sagetech DAA system to help advance the reality of routine commercial drone operations.”

Sagetech is leveraging its long-standing reputation in safe & reliable ADS-B transponders to bring the most advanced certifiable, onboard detect and avoid system to market in 2022. The Sagetech onboard DAA solution will include a full power, low Size, Weight and Power (SWaP) solution made possible by their onboard ACAS DAA computer.

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About NUAIR

NUAIR (Northeast UAS Airspace Integration Research Alliance, Inc.) is a New York-based nonprofit with a mission to safely integrate uncrewed aircraft systems (UAS) into the national airspace, enabling scalable, economically viable commercial drone operations. NUAIR

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manages operations of the FAA-designated New York UAS Test Site at Griffiss International Airport, Rome, NY on behalf of Oneida County and is responsible for the advancement of New York's 50-mile UAS Corridor between Rome and Syracuse, NY. <https://nuair.org>

About Sagetech Avionics

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.