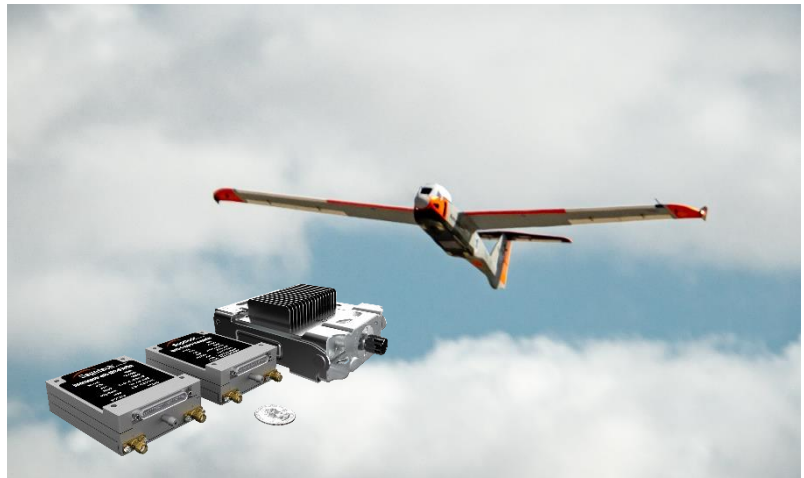


FOR IMMEDIATE RELEASE

Sagetechn Avionics and American Aerospace Sign MOU to Integrate Detect and Avoid System

The resulting certifiable prototype will fly on the American Aerospace ISR AiRanger in Q1 2022.

WHITE SALMON, WA, March 10, 2021 – [Sagetechn Avionics](#), an aerospace technology company providing industry-leading situational awareness solutions for Unmanned Aerial Systems (UAS), and [American Aerospace ISR](#) (AA ISR) have signed a Memorandum of Understanding (MOU) to integrate [Sagetechn's Detect and Avoid \(DAA\) system](#) into the AA ISR AiRanger unmanned aircraft.



The companies expect to have a certifiable prototype of the system ready for flight testing by the end of the year.

"Detect and Avoid systems are critical for beyond visual line-of-sight (BVLOS) flight and critical to the mission of the long endurance AiRanger aircraft," said Tom Furey, CEO of Sagetechn Avionics. "We are pleased to partner with the innovative AA ISR group to bring the world's first certifiable low-SWaP DAA solution to test flights."

"American Aerospace ISR is pleased to partner with Sagetechn for the integration of a certifiable DAA solution on our aircraft," said Ali Etebari, General Manager of AA ISR. "We anticipate that this Detect and Avoid system will help facilitate Type Certification of our aircraft and enable our customers to fly commercial BVLOS missions safely in the National Airspace."

Sagetechn's DAA system packages multiple core technologies into a single, low size, weight, and power (SWaP) DAA solution suitable for use on commercial unmanned aircraft as well as urban air mobility (UAM) platforms. Sagetechn's DAA system is ACAS-based, featuring technologies including a transponder, an interrogator, an ACAS-based DAA computer, software package, and other essential components. It is compatible with many off-the-shelf low SWaP radar and other traffic sensors.

The [AiRanger™](#) is an industry-leading fixed-wing unmanned aircraft with an endurance of over 17 hours (with payload). Powered by a fuel-injected gasoline engine, the AiRanger is designed for

commercialized airborne applications in austere environments at large scale. Designed to be payload-capable, the fuselage can be configured to carry multiple airborne payloads including remote sensing, communication network, and emergency response systems. AA ISR will integrate Sagotech's DAA solution as part of the AiRanger Type Certification with the FAA.

About Sagotech Avionics

Sagotech Avionics is an aerospace technology company empowering safe flight in unmanned aircraft with situational awareness solutions built from mission-critical transponders, software, and related technologies. Currently serving military and civil duty on most small to medium UAVs, Sagotech 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, Sagotech is expanding its technology platform to create comprehensive, certifiable systems such as detect and avoid solutions. Every day, Sagotech works in concert with its extensive ecosystem of OEM customers, technology partners, and resellers to ensure UAVs fly safer with Sagotech on board. Learn more at www.sagotech.com.

About American Aerospace ISR

AA ISR, a division of American Aerospace Technologies, Inc. (AATI) is an industry leading provider of unmanned airborne intelligence and communications systems and solutions for the energy sector and other critical infrastructure operators. AA ISR manufactures the AiRanger Group 3 UAS and performs system integration on a variety of payloads and radio configurations. AAISR is committed to the design, development, and certification of BVLOS UAS. AA ISR recently completed successful execution of the NASA SIO demonstration, showcasing DAA and C2 technologies on the AiRanger while performing a pipeline inspection mission. AA ISR is committed to type certification of the DAA-equipped AiRanger UAS to enable commercial operation in the NAS. Learn more at www.americanaerospace.com.

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