

GA-ASI Plans to Demonstrate Maritime Capability in the United Kingdom



General Atomics Aeronautical Systems Inc.'s SkyGuardian remotely piloted aircraft. GA-ASI

SAN DIEGO – General Atomics Aeronautical Systems Inc. (GA-ASI) plans to take a company-owned SkyGuardian remotely piloted aircraft to the United Kingdom later this year to undertake a series of operational capability demonstrations for NATO allies, including The Netherlands, the company said in a Feb. 3 release. The U.K.'s Protector program is a derivative of SkyGuardian with a range of U.K. modifications and the Royal Air Force (RAF) is supporting this visit.

The GA-ASI aircraft will be configured with maritime capability, including a multi-mode maritime surface-search radar with Inverse Synthetic Aperture Radar imaging mode, an

Automatic Identification System receiver, and a High-Definition, Full-Motion Video sensor equipped with optical and infrared cameras. This will build on previous GA-ASI demonstrations showcasing the unmanned advantage, which include the transatlantic flight of SkyGuardian in 2018, maritime demonstrations in Greece in 2019 and last year's validation flights in Japan.

"GA-ASI will work closely with multiple European allies to demonstrate the capabilities of MQ-9B, including in the maritime environment, and how MQ-9B can complement and team within a networked environment with other national assets," said Tommy Duneheew, vice president of International Strategic Development for GA-ASI.

The series of civilian and military capability events is expected to kick off in July at the Royal Air Force's Waddington Air Base and will culminate with the MQ-9B's participation in the U.K.-led Joint Warrior exercise that will showcase how maritime capabilities can be integrated with other air, surface and land platforms. SkyGuardian flights will further develop GA-ASI's revolutionary Detect and Avoid capability, which will enable Protector to fly in unsegregated UK airspace. It will also assist RAF Waddington, the future home of the RAF Protector fleet, to best prepare to integrate the new aircraft into its daily operations.

MQ-9B represents the next generation of remotely piloted aircraft (RPA) system having demonstrated airborne endurance of more than 40 hours, automatic takeoffs and landings under SATCOM-only control and the detect and avoid system. Its development is the result of a company-funded effort to deliver an RPA that can meet the stringent airworthiness certification requirements of various military and civil authorities.

MQ-9B has garnered significant interest from customers throughout the world. The U.K. Ministry of Defence selected

MQ-9B SkyGuardian for its Protector program, and in 2020 signed the [production contract](#) for deliveries to the Royal Air Force. SkyGuardian was [selected by the Australian Defence Force](#) under Project Air 7003, and the [Belgian Ministry of Defense signed a contract for SkyGuardian](#).