

## **CAE awarded contract by GA-ASI to develop synthetic training system for United Kingdom's Protector remotely piloted aircraft**

**Montreal, Canada, January 24, 2019** – (NYSE: CAE; TSX: CAE) – CAE today announced the company has been awarded a contract from General Atomics Aeronautical Systems, Inc. (GA-ASI) to develop a comprehensive synthetic training system for the United Kingdom's Protector RG Mk1 remotely piloted aircraft system (RPAS) program.

The Protector will be operated by the Royal Air Force and is the UK-specific variant of GA-ASI's certifiable MQ-9B SkyGuardian RPAS, which can meet the most stringent certification requirements of aviation authorities.

Under terms of the contract, CAE will design and develop a comprehensive synthetic training system that will include desktop and high-fidelity mission trainers specific to the Protector RPAS. The high-fidelity Protector mission trainers will be based on GA-ASI's certifiable ground control station (CGCS) and will be the first simulators developed for this advanced CGCS. CAE will also provide brief/debrief and scenario generation stations as part of the overall synthetic training system.

"We are pleased to continue our global training partnership with GA-ASI to support the UK Protector program," said Gene Colabatistto, CAE's Group President, Defence & Security. "Protector will offer a new level of capability in an unmanned air system and will require well-trained aircrews. We will leverage developments we have made over the past several years creating the highest fidelity training devices for the Predator family of remotely piloted aircraft to produce a world-class synthetic training system for the Protector program."

Initial deliveries of the synthetic training system will be targeted for delivery in 2020 to RAF Waddington, the hub of UK Intelligence, Surveillance, Target Acquisition and Reconnaissance (ISTAR) that will be the main operating base for the Protector.

"MQ-9B SkyGuardian, which Protector is based on, represents the next-generation of remotely piloted aircraft capabilities, including longer endurance and automatic take-off and landing," said David R. Alexander, president, Aircraft Systems, GA-ASI. "The Protector synthetic training system will play a key role helping the Royal Air Force develop skilled aircrews and we are pleased to collaborate with CAE as our training partner on this critical program."

### **About CAE**

CAE's Defence & Security business unit focuses on helping prepare our customers to develop and maintain the highest levels of mission readiness.



**CAE will develop a comprehensive synthetic training system for the UK Protector program**



**The high-fidelity Protector mission trainers developed by CAE will be based on the General Atomics certifiable ground control station**

*Images courtesy of GA-ASI.*

We are a world-class training systems integrator offering a comprehensive portfolio of training centres, training services and simulation products across the air, land, sea and public safety market segments. We serve our global defence and security customers through regional operations in Canada; the United States/Latin America; Europe/Africa; and Asia-Pacific/Middle East, all of which leverage the full breadth of CAE's capabilities, technologies and solutions.

CAE is a global leader in training for the civil aviation, defence and security, and healthcare markets. Backed by a record of more than 70 years of industry firsts, we continue to help define global training standards with our innovative virtual-to-live training solutions to make flying safer, maintain defence force readiness and enhance patient safety. We have the broadest global presence in the industry, with over 9,000 employees, 160 sites and training locations in over 35 countries. Each year, we train more than 220,000 civil and defence crewmembers, including more than 135,000 pilots, and thousands of healthcare professionals worldwide. [www.cae.com](http://www.cae.com)

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