

CAE USA awarded contract to support space technology advanced research

—Prototype leverages modeling and simulation to support testing, training, and development of tactics and systems for Joint Warfighter—

Washington, DC, June 30, 2022 – (NYSE: CAE; TSX: CAE) – CAE today announced CAE USA has been awarded a prototype contract from the Air Force Research Laboratory (AFRL) Space Vehicles Directorate's Simulation & Technology Assessment Branch. The prototype is part of an initiative with the Space Technology Advanced Research – Fast-tracking Innovative Software and Hardware (STAR-FISH).

Under terms of the three-year contract, CAE USA will develop a prototype to support testing, training, evaluation, and the development of tactics and systems for the Joint Warfighter. The prototype will be a software emulator that incorporates artificial intelligence (AI) to enhance the White Force Cell supporting the US Air Force Distributed Mission Operations Center (DMOC). This enables accurate presentation and interaction of synthetic forces and capabilities across a multi-domain environment to the DMOC training audience.

“CAE has long been an industry leader providing modeling and simulation solutions, and we are excited to be working with AFRL,” says Leonard Genna, Vice President & General Manager of Mission Systems, CAE Defense and Security. “Our simulation expertise and adaptive learning solutions help provide a secure environment to test tactics and scenarios that ultimately support informed decision-making.”

As part of the STAR-FISH initiative, CAE USA will develop prototype software that enables simulation of current and future capabilities operating across a multi-domain environment. The software will simulate a range of capabilities and threats to include physical and digital environments the DMOC White Force Cell would normally have to replicate themselves or provide verbal/written injects to the training audience. Thus, the prototype software will enable the White Force Cell to free limited personnel resources and create more realistic interactive combat scenarios.

“Supporting the rapidly advancing multi-domain capabilities requires more synthetic and mixed-reality training environments where air, land, maritime, space and cyber are integrated holistically for multi-domain operations,” says Dan Gelston, Group President, CAE Defense & Security. “We have 75 years of experience and expertise in modeling and simulation that can provide our warfighters an unparalleled training experience in digital ecosystems that will enhance readiness.”

About CAE

CAE's Defense & Security business unit is at the leading edge of digital innovation providing training and mission support solutions across multi-domain operations – air, land, maritime, space and cyber. Our training and operational support solutions support customers who operate in complex, high-stakes environments where mission readiness and successful outcomes are critical. Our acquisition of L3Harris' Military Training business in 2021, including Link and Doss Aviation, has enabled CAE to create the world's leading pure play, platform agnostic training and simulation company serving the global defense market.

At CAE, we equip people in critical roles with the expertise and solutions to create a safer world. As a high-technology company, we digitalize the physical world, deploying simulation training and critical operations support solutions. Above all else, we empower pilots, airlines, defence and security forces, and healthcare practitioners to perform at their best every day and when the stakes are the highest. Around the globe, we're everywhere customers need us to be with more than 13,000 employees in more than 200 sites and training locations in over 35 countries. CAE represents 75 years of industry firsts—the highest-fidelity flight and mission simulators, surgical manikins, and personalized training programs powered by artificial intelligence. We're investing our time and resources into building the next generation of cutting-edge, digitally immersive training and critical operations solutions. Today and tomorrow, we'll make sure our customers are ready for the moments that matter. www.cae.com

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