

## CAE launches CAE 700MR Series flight training device for military helicopter training

**Farnborough, UK, July 16, 2018** – (NYSE: CAE; TSX: CAE) – Today at the Farnborough International Airshow, CAE announced the launch of the CAE 700MR Series flight training device (FTD), a next-generation FTD designed specifically for military helicopter flight and mission training.

“We listened to our customers to design and develop a high-end flight training device that addresses the highest priorities for military helicopter mission training, such as a realistic tactical synthetic environment, extreme field-of-view visual system, and architecture designed for networking and interoperability,” said Gene Colabattisto, CAE’s Group President, Defence and Security. “CAE offers the industry’s most comprehensive range of simulation products for aircrew training across civil and military aviation, and we are committed to enhancing our standard product offerings with military-specific features and capabilities in our Mission Reality (MR) Series simulation products.”

During internal research and development initiatives as well as customer research several years ago, CAE identified a market requirement for high-end, fixed-base helicopter FTDs. CAE won contracts in 2015 and 2016 to provide two AW101 Merlin Mk4 FTDs for the Royal Navy and seven H135/H145 FTDs for the United Kingdom’s Military Flying Training System (MFTS) program, all of which will be delivered during 2018 and 2019. Development of these high-end helicopter FTDs led to the further development and refinement of the new CAE 700MR Series FTD.

The CAE 700MR Series FTD offers an immersive, realistic and cost-effective simulator for military helicopter flight and mission training. The CAE 700MR Series FTD is based on the proven CAE 3000MR Series full-mission helicopter simulator, but in a fixed-base platform with dynamic seat for vibration and motion cueing. Some of the key features included in the CAE 700MR Series FTD include:

- Extreme field-of-view visual system (240 degrees horizontal by 88 degrees vertical in standard configuration) with CAE Medallion-6000XR image generator to provide immersive training experience;
- Computer-generated forces software for realistic tactical synthetic environment;
- Simulation architecture designed for distributed mission operations and integrated live-virtual-constructive (iLVC) training to facilitate networking and interoperability;
- Support for Open Geospatial Consortium Common Database (OGC CDB) to enhance interoperable training and mission rehearsal capabilities;



***The new CAE 700MR Series flight training device has been designed specifically for military helicopter flight and mission training.***



***The new CAE 700MR flight training device features a spacious cockpit interior for instructors and rear-crew training as shown in the H135 FTD for the UK MFTS program.***

- Support for military-specific mission training scenarios, such as ship deck landings, night vision goggle (NVG) training, and confined area landing training;
- Spacious area behind cockpit to support rear-crew training if desired;
- Advanced instructor operator station with easy-to-use scenario development and editing capabilities.

The CAE 700MR Series FTD is designed to meet or exceed global accreditation standards for helicopter flight simulation training devices (FSTD), such as the International Civil Aviation Organization (ICAO) Type IV and Federal Aviation Administration (FAA) FTD Level 7.

The comprehensive CAE MR (Mission Reality) Series training equipment suite covers all phases of fixed-wing and rotary-wing training for military aircrews. The product suite ranges from CAE Simfinity ground school desktop and procedures trainers to fixed-based flight training devices and full-mission, full-motion simulators, such as the CAE 7000MR Series for fixed-wing platforms and CAE 3000MR Series for rotary-wing platforms.

**Note to Editors: B-roll video is available of the CAE 700MR FTD. Please request from the CAE contacts below.**

## About CAE

CAE's Defence & Security business unit focuses on helping prepare our customers to develop and maintain the highest levels of mission readiness. 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 70-year record 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 8,500 employees, 160 sites and training locations in over 35 countries. Each year, we train more than 120,000 civil and defence crewmembers and thousands of healthcare professionals worldwide. [www.cae.com](http://www.cae.com)

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CAE contacts:



**CAE's MR (Mission Reality) Series is the industry's most comprehensive portfolio of simulation products designed for training both fixed-wing and rotary-wing military aircrews**

# Trade Press Release



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