



Why choose CAE?

Backed by more than 70 years of experience, CAE is a world-class training systems integrator that offers a comprehensive portfolio of simulation-based training equipment as part of our integrated live, virtual and constructive (iLVC) training solutions.

With our innovative synthetic training equipment solutions ranging from desktop trainers to high-fidelity full-mission simulators, CAE is best positioned to be your training partner of choice to help cost-effectively enhance safety, efficiency and mission readiness.

www.cae.com



MR SERIES

CAE's Mission Reality Tools

Providing the training experience required to help ensure mission readiness.

Customer support & lifecycle services

Maintain training assets

- Best-in-class support ensuring that the training assets continue to meet your evolving mission requirements

Upgrade training assets

- Cybersecurity protection
- Aircraft concurrency
- Visual updates
- Synthetic environment updates
- Courseware updates
- Instructor station updates
- Repairs
- Replacements
- Global and local on-site and remote support services
- Standard catalogue and customized solutions

Operate training centre efficiently and cost-effectively

- Technician training
- Quality assurance and safety program
- Information technology infrastructure and software
- 24/7 training centre management



Your worldwide training partner of choice



How do you better prepare aircrews for mission success?

With our integrated, immersive and interoperable training systems.

With over 70 years of experience, CAE knows the importance of having the right tools for helping prepare for mission success.

Discover CAE's innovative MR Series training equipment suite, from ground school training solutions to full-mission simulators.

Enhance proficiency and operational mission training with the industry's leading portfolio of synthetic training equipment.

MR^{SERIES} - Mission Reality

CAE's **M**ission **R**eality tools provide the training experience required to help ensure mission readiness.

Develop

Develop essential skills using interactive technology in a realistic operational environment



Digital classroom solutions

CAESimfinity^{MR}_{SERIES}

Virtual Simulator (VSIM): The complete desktop aircraft simulator

- Aircraft familiarization tool offering simulation fidelity equivalent to full-mission simulator
- Instructor-led and self-paced classroom training
- Intuitive and interactive learning for crews

Courseware: The most engaging experience

- Courseware available to support all training tasks

Virtual Maintenance Trainer (VMT): The complete maintenance desktop trainer

- Ideal for system maintenance: familiarization, procedural training and troubleshooting
- Free play and computer-guided modes
- Complete interactive system simulation with 3D physical part components

An engaging approach to:

- Cockpit familiarization
- Aircraft systems knowledge
- Avionics skills
- Operating procedures assimilation



Integrated procedures trainers

CAE400^{MR}_{SERIES}

3D high-fidelity simulation based on CAE's full-mission simulator

- Aircraft display and control panel using the latest tactile display technology
- Integrated cockpit hardware including flight controls (Optional)
- Intuitive lesson plan builder

Immersive environment

- State-of-the-art immersive environment (Optional)

Networked devices for joint training

- Communications skill development
- Reinforces team training manoeuvres

An optimized use of training time for:

- Normal and abnormal procedures
- Ground operations and in-flight training
- Collaborative tasks procedures

Perform

Perform with mission realism to attain best-in-class proficiency



Mission flight training devices

CAE600^{MR}_{SERIES} Fixed-Wings FTD

CAE700^{MR}_{SERIES} Rotary-Wing FTD

Fixed-wing cockpit with flight deck surround (CAE 600MR)

- Collimated visual system (Optional)

Rotary-wing cockpit in a 240 degree visual display (CAE 700MR)

- Delivers beyond global standards
- Innovative vibration and motion seat system
- Spacious area behind cockpit for instructor and crew members



Full-flight and mission simulators

CAE3000^{MR}_{SERIES} Rotary-Wing FMS

CAE7000^{MR}_{SERIES} Fixed-Wing FMS

CAE True™ Electric Motion System

- Six Degrees of freedom motion system

Vibration Platform (CAE 3000MR)

- Full cockpit vibration cueing

Roll On/Roll Off

- Cost effective solution to train crew on various aircraft types
- Docking station to maximize usage of cockpits off motion

Extreme visual realism for optimal mission rehearsal

- CAE Medallion™-6000XR image generators
- Industry standard OGC CDB architecture
- High brightness laser projectors with smearing reduction
- Unprecedented night-vision-goggle (NVG) rendering

Computer-Generated Forces

- High-fidelity computer-generated forces with thousands of virtual entities and intuitive scenario creator for true mission reality

Networkable with Rear-Crew Trainers in Distributed Mission Training environment for complete crew readiness

- High-Level Architecture (HLA)
- Distributed Interactive Simulation (DIS)

Advanced instructor office for improved training efficiency

- Increased information density and easy access to advanced functions
- Intuitive lesson plan builder
- 3D map of aircraft flight path with event markers

The gold standard in mission training:

- Operational training
- Collaborative training
- Integrated live-virtual-constructive (ILVC)

