

CAE USA

Training
partner of
choice



Who we are

CAE is a global leader in training for the defense, civil aviation, and healthcare markets. With over 8,500 employees, 160 sites and training locations in more than 35 countries, we are committed to being the training partner of choice to enhance safety, efficiency and readiness. Each year, CAE trains more than 120,000 civil and defense crewmembers and thousands of healthcare professionals worldwide.

Located in Tampa, Florida, CAE USA is the largest segment of CAE's Defense and Security business unit. This unit focuses on helping our military customers to develop and maintain the highest levels of mission readiness. CAE USA employs approximately 1,500 employees to serve the United States, Central and South America, and select international markets. The company is actually one of the world's oldest simulation and training companies. Originally founded in 1939 as Reflectone, the company became part of British Aerospace in the 1980s until it was acquired by CAE in 2001 and has since been CAE USA. We leverage the full breadth of CAE's people, technologies, and capabilities to provide our customers with world-class training centers, training services, and simulation products that contribute to the preparedness and readiness of U.S. and allied warfighters.

CAE USA is a U.S. corporation that operates under an approved Special Security Agreement (SSA) with the U.S. Department of Defense, and a Proxy Agreement specifically enabling CAE USA Mission Solutions to pursue and execute special programs. Operating under an SSA and Proxy Agreement, CAE USA has its own U.S. board of directors that monitors and oversees all company activities. CAE USA's President and General Manager reports directly to the CAE USA Board of Directors.

CAE USA



Approximately
1,500
employees



52,000 +
hours flown
annually in
simulators and
aircraft at our
company-owned
and operated U.S.
military training
centers



Leveraging
70 +
years
of CAE's training
and simulation
innovation



150 +
military
simulators
that we operate
or support in the
United States



35+
different
sites
across the country



1,500 +
vendors
and small
businesses
in our supply chain

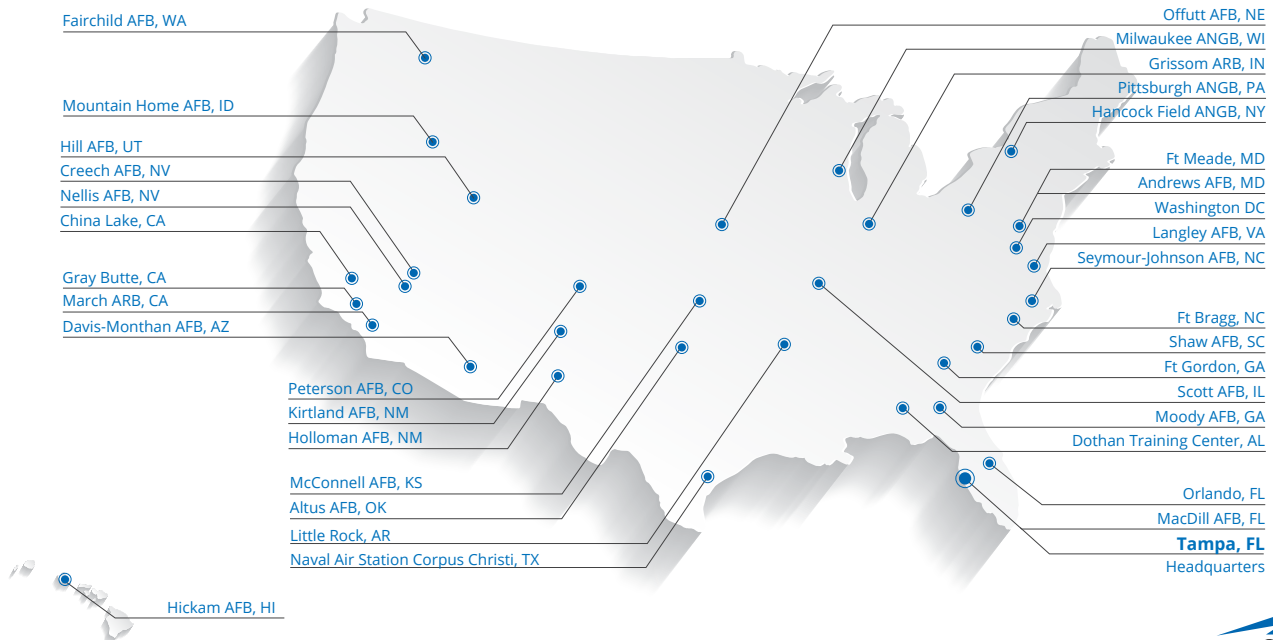
Increased operational tempo, limited personnel, and constant budget pressures have prompted our defense forces to seek reliable partners who can help develop, manage and deliver the training systems required to support today's complex platforms and operations. As a global leader, this is particularly important for the United States as we often lead coalition partnerships in protecting the security of our country and allies around the world. It has never been more important for our military customers to consider a more integrated and holistic approach to training.

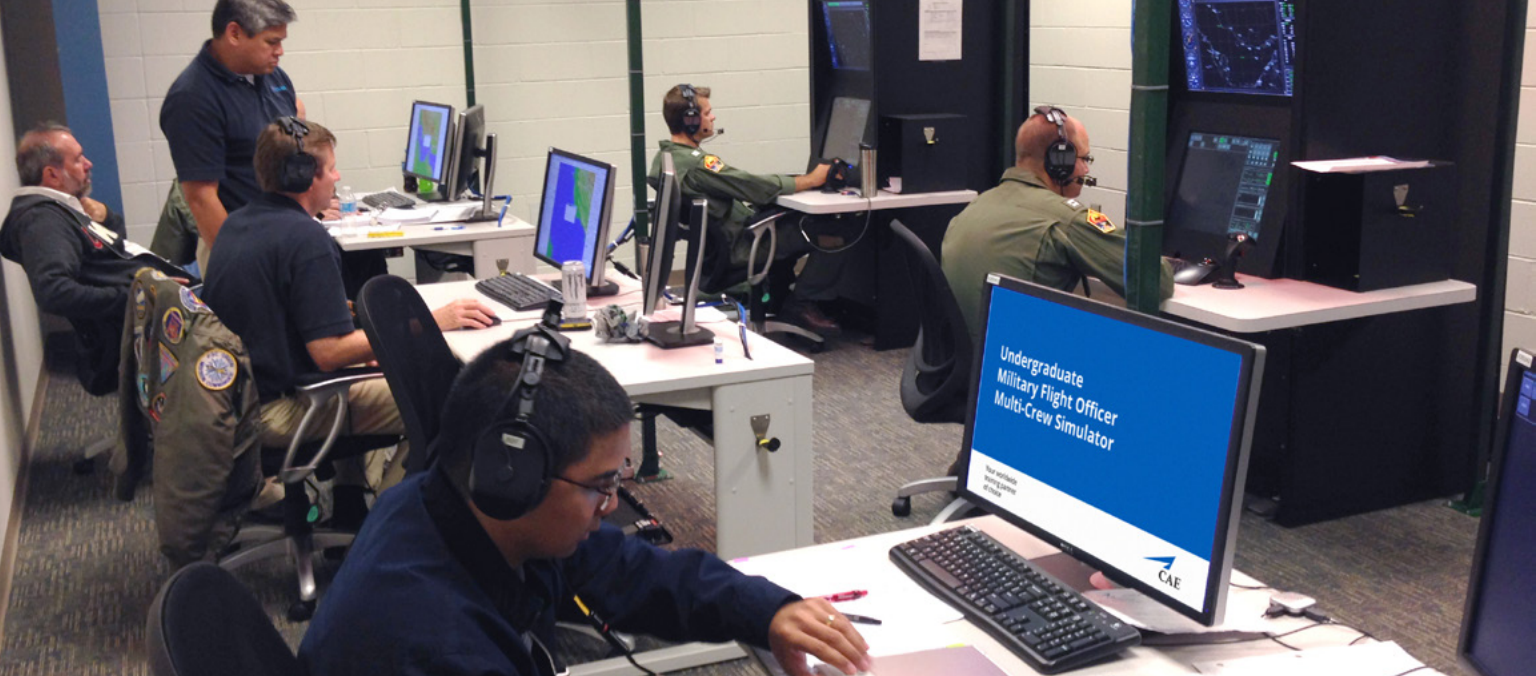
CAE is a world-class Training Systems Integrator with the requisite people, expertise, experience and portfolio of training solutions to partner with our customers throughout the entire training lifecycle. From requirements definition and training needs analysis through the design of a comprehensive training system and ultimately supporting the delivery of training, CAE is a company entirely focused on training. We are committed to achieving our vision to be our customer's training partner of choice by earning their trust, delivering on our commitments, and helping them cost-effectively maintain and enhance readiness to achieve mission success.



Raymond G. Duquette
 USMC (ret)
 President and General Manager
 CAE USA

CAE USA across the country





We are a world-class Training Systems Integrator

Training System Integrator (TSI) refers to developing a higher-level partnership with governments and militaries to look at their training enterprise holistically. As a company entirely focused on training, we have all the requisite skills and experience required of a Training Systems Integrator. CAE USA offers the U.S. Department of Defense and original equipment manufacturers (OEMs) across air, naval, land, public safety and healthcare a comprehensive range of innovative training solutions designed to efficiently meet specific training and readiness requirements. We are a flexible company with a wealth of experience operating and delivering training across different business models, including government-owned, government-operated (GOGO); government-owned, contractor-operated (GOCO); or contractor-owned, contractor-operated (COCO) training facilities.

CAE can be your training systems integration partner throughout the training lifecycle -- beginning with requirements definition and an analysis of alternatives through to design and delivery of the overall training enterprise. No other company is more focused, experienced, or committed to helping train its customers to enhance safety, efficiency, and readiness.

Our offering includes:

- Training needs analysis
- Instructional systems design
- Learning management information systems
- Purpose-built facilities
- State-of-the-art synthetic training equipment
- Curriculum and courseware development
- Classroom, simulator and live-flying instruction
- Maintenance and logistics support
- Lifecycle support and technology insertion
- Financing alternatives



CAE Dothan Training Center – our TSI capabilities in action



In 2017, CAE USA opened the CAE Dothan Training Center in Dothan, Alabama to meet the fixed-wing flight training needs of the U.S. Army and U.S. Air Force. In less than 12 months from contract award, we built a state-of-the-art, fully operational 79,000-square foot training facility that includes modern academic classrooms, high-fidelity training devices, aircraft fleet, and all supporting infrastructure.

We also purchased Grob G120TP aircraft to deliver live flight training in addition to operating Army-owned C-12U aircraft. The Dothan Training Center is a prime example of CAE USA delivering a turnkey, integrated, and comprehensive training service as a Training Systems Integrator. More than 600 U.S. Army and U.S. Air Force aviators will train in Dothan annually, and the facility has the capacity to train other U.S. and international customers because it is company-owned and company-operated.

"When we look at what we ask of our soldiers and families, and we deploy them and put them in harm's way, we owe it to our warfighters to give them the best training opportunity that we can possibly give, and the best equipment to ensure that they are ready. That is exactly what you are going to see when you walk in the Dothan Training Center - it represents our commitment to our nation and our soldiers."

**Major General
William K. Gayler**

*Commanding General of the U.S.
Army Aviation Center of Excellence
and Fort Rucker*



Our offerings

Training centers

As one of the world's leading independent training providers, CAE is a company with the experience, expertise, knowledge, suite of simulation products, and service delivery capabilities to provide defense forces with a turnkey training center. We can provide comprehensive training center solutions through government-owned, contractor-operated or company-owned, company-operated training facilities, such as the CAE Dothan Training Center. CAE is also experienced in providing outsourced training center operations through existing government-owned, government-operated training facilities where comprehensive support services are required.

The leader in C-130 training

CAE is the world's C-130 training partner and we have delivered more training systems and services for the venerable C-130 Hercules than any other company. Our training experience on the legendary C-130 includes our C-130 Tampa Training Center, where we offer comprehensive aircrew and maintenance training to operators of the C-130/L-382 Hercules aircraft. We provide bilingual (English/Spanish) aircrew and maintenance courses in 17 multimedia classrooms, which include two purpose-built maintenance training classrooms. CAE USA has almost 25 years of experience in training the United States Air Force, Navy, and Coast Guard, as well as over 20 international military and commercial operators of the C-130 at our Tampa Training Center.



C-130 Tampa Training Center by the numbers

1,500+
C-130 aircrew and
maintenance
technicians trained
annually

20+
C-130 operators
including U.S.
and international
militaries

15,000+
hours
of classroom
instruction annually

8,500+
hours
of flight simulation
instruction annually

World's only
C-130H full-flight simulator with
Rockwell Collins Flight2 avionics



Our offerings

Training services

CAE USA offers a comprehensive portfolio of post-delivery and sustainment services designed to help our military customers efficiently and cost-effectively prepare for operations and maintain a high state of readiness. Our training service offerings include:

- Training requirements analysis
- Academic, simulator, and live instruction
- Courseware development, revision, and maintenance
- Simulator maintenance, support and obsolescence management
- Training device upgrades, modifications and relocations
- Systems engineering and software support

We deliver a range of training services for the U.S. military to help prepare aircrews to operate some of the most critical weapon systems supporting our warfighters. Some key programs where CAE USA delivers training services include:



U.S. Air Force KC-135 Aircrew Training System – We deliver initial qualification, requalification, continuation and upgrade training for approximately 3,700 Air Force KC-135 pilots, navigators, and boom operators annually at 13 sites around the world. We also maintain simulator concurrency and perform hardware, software, and courseware upgrades and modifications.



MQ-9 Reaper Aircrew Training and Courseware Development – We train 1,500 MQ-9 pilots and sensor operators annually by providing classroom, simulator and live flying instruction at four locations in the U.S. We also revise, update, and enhance the MQ-9 curriculum and courseware.



U.S. Navy T-44C Command Aircraft Crew Training – We provide T-44C academic and simulator training at Naval Air Station Corpus Christi under a contractor-owned, contractor-operated training program for approximately 600 U.S. Navy, Marine Corps, Coast Guard and international students annually.



Our offerings

Simulation products

CAE has a well-earned reputation built over 70+ years for the design and manufacture of high-fidelity simulation products. Many will know CAE as the world leader in full-flight simulators for commercial airlines. Approximately two-thirds of the world's commercial airline pilots will train in a CAE-built flight simulator, including pilots from major U.S. airlines such as Delta, Southwest, American, and JetBlue. For defense and security forces, we offer a broad portfolio of simulation products across the air, naval, land, public safety and healthcare market segments.

We offer the industry's most comprehensive range of simulation products related to aircrew training. CAE's simulation product portfolio ranges from desktop trainers to the highest fidelity full-mission simulators. We support defense forces by providing pilot, rear crew, sensor operator and maintenance training products on a broad range of military aircraft platforms, including combat aircraft, lead-in fighter trainers, special mission platforms such as maritime patrol aircraft, tanker/transport aircraft, helicopters and remotely piloted aircraft (RPA).

CAE also provides a range of training devices for naval forces including simulation-based training products to help train naval personnel for whole ship operations and the variety of weapons, systems and subsystems found on naval vessels. We offer a range of products related to training ground forces, including solutions for direct and indirect fire, close air support, forward observation, driver and crew gunnery training, tank maintenance training, and command and staff training.

CAE USA leverages the full breadth of CAE's simulation technologies and manufacturing capabilities to deliver these world-class simulation products to the U.S. Department of Defense. Some of CAE USA's key product programs for the U.S. military include:

- **U.S. Navy P-8A** – Under subcontract to Boeing, CAE USA designed and manufactured a total of 18 P-8A Poseidon operational flight trainers for the U.S. Navy's new maritime patrol aircraft.
- **U.S. Navy MH-60 Seahawk** – Since 2004, CAE USA has been the prime contractor responsible for the design and manufacture of MH-60 Seahawk tactical operational flight trainers (TOFTs) for the U.S. Navy, as well as foreign military sale customers. For both the MH-60R Romeo and MH-60S Sierra, we developed the operational flight trainer for pilot training and the weapon tactics trainer for training rear-crew sensor operators.



U.S. Air Force C-130J – Under subcontract to Lockheed Martin, CAE USA designed and manufactured all C-130J weapon system trainers currently used by various branches of the U.S. Air Force, including Air Mobility Command, Air Combat Command and Air Force Special Operations Command. We developed simulators for all variants of the Super Hercules, including the C-130J, HC/MC-130J, and AC-130J as well as the KC-130J for the U.S. Marine Corps.



U.S. Army Abrams tank maintenance trainers – CAE USA developed both virtual and hands-on maintenance trainers for the U.S. Army's M1A2 Abrams tank. In 2018 we were awarded a new contract to design and manufacture a suite of Abrams M1A2 tank engine trainers for the Army.



Introducing CAE USA Mission Solutions

In 2018, CAE USA established a separate business unit named CAE USA Mission Solutions Inc. This business unit is a subsidiary of CAE USA and operates under a Proxy Agreement with the United States Government. The Proxy Agreement enables Mission Solutions to pursue and execute Department of Defense (DoD) special programs.

In parallel with establishing Mission Solutions, CAE USA acquired Alpha-Omega Change Engineering (AOCE), a service-disabled, veteran-owned business focused on training, staff support, and engineering services. The acquisition of AOCE enhances CAE's position as a training systems integrator, expands our position on enduring platforms, and increases the scope of business opportunities. Most AOCE contracts have become part of our Mission Solutions business unit.

CAE USA Mission Solutions will focus on the following market segments:

- Operations and support services
- Aircrew training
- Space & missile defense
- Command, control, communications, computers and intelligence (C4I) services
- Geospatial intelligence
- Assistance & advisory support services

CAE USA Mission Solutions is now the prime contractor on a range of DoD programs, including:



KDAM ATARS: We support the Air Force Special Operations Command Aircrew Training and Rehearsal Support (ATARS) program at Kirtland AFB, New Mexico; Davis-Monthan AFB, Arizona; Joint Base Andrews, Virginia; and Moody AFB, Georgia.



SMDA2S: U.S. Army Space & Missile Defense Advisory and Assistance Services (SMDA2S) indefinite delivery/indefinite quantity contract to provide engineering and operational support services.



F-15, F-16, and F-22 Combat Aircrew Training and Courseware Development (CAT/CWD): We support the U.S. Air Force F-15, F-16 and F-22 aircrew training at seven U.S. bases.



Technology leadership

Innovation and technology leadership have been consistent themes throughout CAE's history. From the world's first Level D full-flight simulator to the creation of the Common Database (CDB) architecture now an international standard adopted by the Open Geospatial Consortium, we make significant investments in research and development specific to training and simulation. These investments are a direct result of consultation with our military customers to meet the needs of the warfighter. Currently, CAE is focusing its research and development efforts in areas such as:

Integrated live-virtual-constructive and distributed mission operations training

Closed-loop, adaptive training leveraging "big data" analytics

Virtual and augmented reality

Cybersecurity and cyber-enabled synthetic environments

Our most valuable resource

At CAE, it is our employees who make us the global leader that we are. Whether that means helping make air travel safer, helping to ensure defense forces successfully accomplish their mission and return home safely, or helping medical professionals save lives, our 8,500+ employees around the world are inspired to help train professionals in mission critical occupations to be better at what they do and make the world a safer place.

CAE USA is proud to be part of a global company and proud our focus is to support the training and readiness of the U.S. military and those of our allies. More than half of CAE USA employees served in the military and CAE is consistently recognized as a great place to work for veterans.

Our five CAE values are the essence of our identity and guide our actions every day. These values shape our company culture, balanced around our key stakeholders: employees, customers and shareholders.



Our values are:

- One CAE
- Innovation
- Excellence
- Empowerment
- Integrity

We embrace diversity and strive to create a work environment where all employees are valued, respected, safe, and rewarded. We value the contribution and talent of each of our employees as they help us achieve the culture to which we aspire.





CAE USA employee engagement

At CAE USA, we have a number of programs and initiatives aimed at engaging our employees, creating an involved and enthusiastic environment to further strengthen our One CAE culture and make our mission more meaningful.

CAERA

CAE Recreation Association (CAERA) is our internal recreation association that provides social and recreational events for employees and their families. CAERA is funded by CAE USA to provide employees discounted admission for events and activities throughout our communities, such as professional sporting events, theater shows, and family friendly activities. Attending CAERA events builds a sense of camaraderie among employees and their families.

Community Involvement Committee

The Community Involvement Committee provides CAE USA employees with opportunities to give back to the community, as well as raise public awareness of the Company. Our employees participate in various causes by donating time, talent or monetary contributions. Some examples include volunteering with Habitat for Humanity, the Wounded Warrior Project and Operation Helping Hands as well as supporting various Science, Technology, Engineering, and Mathematics (STEM) initiatives and our annual United Way campaign.

CAE Professional Women's Network

CAE Professional Women's Network is a forum for personal and professional growth to enrich, develop, and inspire women at CAE USA and support them in achieving their personal and professional goals.



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Your worldwide
training partner
of choice

