



Overview

CAE is an experienced training systems integrator across air, naval, land and public safety domains. The company employs over 9,000 people at more than 160 sites and training locations in 35 countries. CAE offers customers a complete range of highly innovative product, service and training centre solutions designed to help them meet their mission critical needs for safety, efficiency and readiness.

CAE has recognized New Zealand as a key market for over thirty years and has been doing business in the country with Air New Zealand since the mid-1980's. To date, over 70 percent of the training systems procured by Air New Zealand have been built by CAE and we continue to provide a range of maintenance and support services.



RNZAF C-130H Part-Task Trainer courtesy of the NZDF

CAE's relationship with the New Zealand Defence Force (NZDF) began in the early 2000's when CAE began delivering C-130 aircrew training to the Royal New Zealand Air Force (RNZAF) at the company's C-130 Tampa Training Center in the United States. This relationship has continued through a number of contracts to include training and simulator access for C-130H pilots, flight engineers, loadmasters and maintenance technicians, including brokering access to the CAE-managed Royal Netherlands Air Force C-130H training systems located in Europe. In 2005, as part of the C-130 Life Extension Project, CAE was contracted to provide a C-130H Part Task Trainer (PTT) and three CAE Simfinity™ C-130H Flight Management System Trainers for the RNZAF.

In support of the T-6C and SH-2G(I) programs, CAE New Zealand Pty Ltd. was established in 2014 to provide in-country support services to the NZDF and other government agencies.



T-6C Pilot training capability

CAE has supported the NZDF on its Pilot Training Capability project. In partnership with Beechcraft Defense, CAE developed a comprehensive T-6C Ground-Based Training System for the RNZAF, including two T-6C Operational Flight Trainers (OFTs), computer-based classroom training systems, and courseware customised for RNZAF pilot training. The training system contract was awarded in 2014 and accepted into service in 2016. CAE is now providing on-site maintenance and support services at RNZAF Base Ohakea and will continue to do so over the 30-year life of the program.



SH-2G(I) simulator training

In 2014 CAE was awarded a contract by Kaman Corporation, to install and commission an existing SH-2G(I) Super Seasprite Full-Mission Flight Simulator (FMFS). In addition, CAE received a contract from the NZDF directly to perform a comprehensive upgrade to the FMFS and a suite of SH-2G(I) PTTs to support the training of RNZAF SH-2G(I) aircrew.

Highlights of support programs currently led by CAE New Zealand:

- → Lease of Beechcraft King Air 200 ProLine 21 CAE Simfinity Virtual Simulator (VSIM) classroom and B200 Computer-Based Training (CBT) in support of the B200 aircraft at RNZAF Base Ohakea;
- Training support and maintenance services for the Beechcraft T-6C ground-based training system at RNZAF Base Ohakea;
- Through-life support, including engineering and maintenance services, for the SH-2G(I) Super Seasprite training equipment for the next 15 years at RNZAF Base Auckland. Extensive upgrade of the SH-2G(I) FMFS and PTTs;
- Boeing 757 and C-130H Training Services contracts, which have seen CAE selected to provide RNZAF aircrew with access to pilot training and simulator services on an as needed basis, allowing access to our global training network, including four high-fidelity B757 Full-Flight Simulators (FFSs) in Europe and Asia and the C-130H FFMS in Tampa, Florida.



Royal New Zealand Air Force (RNZAF) NH90 Training

In 2018 CAE was awarded a contract from the New Zealand Defence Force (NZDF) to provide the Royal New Zealand Air Force (RNZAF) with a CAE 700MR Series NH90 flight training device (FTD) and through-life support services. CAE will deliver the CAE 700MR Series NH90 FTD to RNZAF Base Ohakea in 2020 where, upon delivery of the simulator, CAE will also provide long-term maintenance and support services.

CAE's 700MR Series FTD is specifically designed for military helicopter flight and mission training, delivering an immersive and realistic training environment in a fixed-based platform that includes a dynamic seat for vibration and motion cueing. The RNZAF NH90 simulator will feature the CAE Medallion-6000XR image generator and an extreme field-of-view visual display system (240 degrees horizontal by 88 degrees vertical) which will enable the RNZAF to safely practice and rehearse high-risk maneuvers such as ship deck and confined area landings.

CAE's New Zealand footprint combines with the resources of the global CAE organisation to provide both local depth of expertise and international reach. This ensures CAE New Zealand is at the forefront of training military personnel, enabling customers access to the latest technology and methodologies for conducting primary missions.



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