

CAE Brunei Multi-Purpose Training Centre



The CAE Brunei Multi-Purpose Training Centre (MPTC) is a joint venture of CAE and the Government of Brunei established in 2012. The CAE Brunei MPTC is focused on being a world-class training systems integrator while partnering with other best-in-class organizations to deliver a range of training solutions. Located in Rimba near the Brunei International Airport, the CAE Brunei MPTC is providing comprehensive simulation-based training solutions for a range of market segments, including defence, aviation and emergency/crisis management.

Commencing operations

The development of the integrated training facility for the CAE Brunei MPTC was completed in 2014 and the facility officially started training in September 2014. The facility is staffed and operated by Bruneians and plays a key role in further developing the aerospace, defence, and technology market sectors in Brunei.

The CAE Brunei MPTC is one of the region's largest helicopter simulator training facilities and currently houses two CAE 3000 Series helicopter mission simulators:

one representing the Sikorsky S-92 helicopter and the other the Sikorsky S-70i Black Hawk. The Sikorsky S-92 helicopter is used extensively by offshore oil and gas operators in the region. The S-70i Black Hawk is used extensively by militaries globally, including the Royal Brunei Armed Forces, as a multi-role utility helicopter. The CAE Brunei MPTC also offers training for the Pilatus PC-7 trainer aircraft. The PC-7 flight training device (FTD) complements PC-7 pilot training programs by providing a flight simulator that is safe and cost-effective for procedural, familiarization and emergency training. The CAE Brunei MPTC offers comprehensive classroom and simulator instruction for all these platforms.

Simulation-based training

Simulation-based training has been proven to be one of the most reliable and effective methods for learning and acquiring critical skills. When trainees "learn by doing" in a simulation-based environment, retention of required skills is enhanced and they are better prepared for decision-making and success when faced with real-world situations. The CAE Brunei MPTC leverages CAE's world-class modelling and simulation

technologies to create classroom training environments as well as advanced simulators that provide realistic, immersive virtual environments in which to learn, practice and rehearse.

Types of training

The CAE Brunei MPTC specializes in mission-specific training for the defence, aviation, emergency/crisis management, and healthcare market segments. Some of the types of training offered by the CAE Brunei MPTC include:

- Initial and type rating training for specific aircraft platforms;
- Recurrent and refresher training for specific aircraft platforms;
- Mission-specific training such as low-level flying tactics;
- Landing on oil platforms and more;
- Familiarization and procedural training;
- Disaster and crisis management training for first responders;
- Joint, multi-agency collaboration and coordination training for emergency scenarios.

Your worldwide training partner of choice



Brunei MPTC



Training technologies at the CAE Brunei MPTC

The CAE Brunei MPTC has been built with simulator bays and modern classrooms and infrastructure. The facility incorporates industry-leading modelling and simulation technologies, learning management systems, courseware development and training support services for rotary-wing (S-92, S-70i), fixed-wing (PC-7) and emergency/crisis management training program. Future developments at the CAE Brunei MPTC will focus on meeting the training requirements for the aviation and healthcare market segments, in addition to further defence-related training programs. The training technologies and infrastructure of the CAE Brunei MPTC include:

- CAE 3000 Series helicopter mission simulators;
- Flight training devices;
- Multimedia classrooms;
- Interactive, computer-based training;
- Brief/debrief rooms;
- Simulation-based courseware;
- Training management information system.

Emergency management training

The CAE Brunei MPTC has established an Emergency and Crisis Management Centre of Excellence that provides relevant local authorities such as Brunei's Ministry of Home Affairs and National Disaster Management Centre (NDMC) with comprehensive training designed to better plan and prepare for emergencies. Using simulation-based training, the CAE Brunei MPTC is offering emergency and crisis management training programs that will help improve coordination, response and operational decision-making during a range of emergency scenarios. The CAE Brunei MPTC will also be offering emergency and crisis management training to the Association of Southeast Asia Nations (ASEAN).



Enhancing safety, security and efficiency

The CAE Brunei MPTC plans to offer additional simulation-based training programs in the future based on market demand and requirements, including



training solutions specifically for the energy, aerospace, and healthcare market segments as well as other segments of defence such as land and naval training solutions. By leveraging CAE's world-class modelling and simulation technologies and training systems integrator capabilities, customers of the CAE Brunei MPTC are able to learn in a safe and realistic virtual environment before having to do actual operations in the real world. The CAE Brunei MPTC serves customers in Brunei and the surrounding Southeast Asia region; while helping to grow high-technology, knowledge-based industry in Brunei and provide high-quality jobs for the local economy.



For further information, contact:

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