

BOMBARDIER

BACKGROUNDER

MILITARY AVIATION TRAINING

In cooperation with governments, Bombardier has been very closely involved in the integration of military pilot training with industry support, ensuring high standards of quality and predictable long-term costs. Our “product” is our expertise in the creation of military training systems. We identify, specify, and seamlessly integrate training aircraft, simulators and other training products to provide a total training package.

Bombardier first pioneered this field in Canada, partnering with the Department of National Defence (DND) on the Contracted Flying Training and Support (CFTS) program in 1991. Bombardier has further honed its skills on programs such as NATO Flying Training in Canada (NFTC) and the CF-18 Advanced Distributed Combat Training System (ADCTS).

Our experience as a Training System Integrator (TSI) translates into concrete advantages for any military organization seeking to produce the highest quality aircrew, with maximum efficiency and minimum risk, at the lowest possible cost. We have set the bar, we have set it high, and we have the track record to prove it.

Training experience extends from ab-initio level up to jet-based tactical fighter lead-in, using a variety of high-performance training aircraft as well as highly sophisticated simulators.

NATO Flying Training in Canada (NFTC)

In operation since 2000 at 15 Wing, Moose Jaw, Saskatchewan (Canada) and 4 Wing, Cold Lake, Alberta (Canada), NFTC trains military pilots under a collaborative partnering arrangement between the Government of Canada and Bombardier. This sophisticated, comprehensive fighter pilot training program, which combines basic, advanced and fighter lead-in modules, offers high standards of quality in one of the best training environments in the world while providing the means of forecasting and managing costs. Nations currently participating in the program include Canada, Denmark, Hungary, Italy, the Republic of Singapore, and, starting in 2011, The Kingdom of Saudi Arabia. Australia, Austria, Finland, France, Germany, Sweden, the United Kingdom and the United States have sent instructor pilots to the program.

NFTC is recognized as a model of multi-national training cooperation whereby the Canadian Forces, participating air forces of other nations and Bombardier all contribute to the success of this program.

In 2004, the NFTC program received the Frost & Sullivan Customer Value Award, reinforcing the fact that the program offers the best value in the global military pilot training market.

The Canadian Forces contribute the training syllabus, management of training standards, air bases, air traffic control, airspace, and accommodation facilities. Participating nations provide input into the international program management, training syllabi, and quality control, as well as contributing instructor pilots and students. Under the 20-year contract, Bombardier leads an industry team that provides overall program management, as well as academic and Flight Training Device (FTD) instructors, purpose built modern training facilities, computer based training and electronic briefing and debriefing rooms, aircraft maintenance and facilities, electronic information management and maintenance management systems.

The current fleet comprise 26 Raytheon Harvard II turboprop advanced trainers and 18 BAE Systems Hawk 115 advanced jet trainer aircraft.

As of May 2009, a total of 720 students had completed Phase II with an 87% pass rate, 279 students in Phase III with a pass rate of 97%, and 375 students in Phase IV training with a 96% pass rate.

For more information, please visit the NFTC website at www.nftc.com

CF-18 Advanced Distributed Combat Training System (ADCTS)

In 2004, Bombardier was contracted to provide Canada's operational CF-18 fighter pilots with world-class, cost-effective simulator training. The contract includes the design and construction of state-of-the-art mission training facilities at 3 Wing Bagotville, Québec (Canada) and 4 Wing Cold Lake, Alberta (Canada), as well as a provision for instructional and support services for up to 15 years. Six CF-18 simulators and ten deployable part-task trainers are included in the program.

Networked simulators are the cutting-edge technology that allows participants to interact with one another, shifting the objective from beating the computer to competing with and reacting to a real-life opponent employing real-life capabilities.

Training at 4 Wing Cold Lake started on November 29, 2005, and 3 Wing Bagotville began operations in October 2007.

PAST PROGRAM:

Contracted Flying Training and Support

From July 1992 to August 2005, Bombardier operated the Canadian Aviation Training Centre (CATC) in Southport, Manitoba. Bombardier conducted all primary flight training and provided comprehensive support to the high-intensity, multi-engine and basic helicopter training programs. Operational support included the provision and maintenance of three aircraft fleets, air traffic control, aviation weather services, crash, fire and rescue services, airport maintenance, and navigational aid maintenance. Student support included housing, catering, recreation and medical services.

In addition to meeting the pilot training requirements of the Canadian Forces, Bombardier also assisted in delivering ground and airborne instruction to student pilots from Belize, Germany, Jamaica, Turkey and the United Kingdom. In addition, The CATC provided visual navigation training to student navigators from Canada, the Republic of Singapore and New Zealand.

The fleet included 12 Slingsby T67C Firefly, 8 Beech C-90A King Air and 14 Bell CH-139 Jet Ranger III aircraft.

When the program was completed on August 31, 2005, a total of 3,160 students had been trained at the CATC.

Military Aviation Training employees, which number 240, are located in Montréal and Bagotville, Québec, Moose Jaw, Saskatchewan; and Cold Lake, Alberta.

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