



The Service aérien gouvernemental\* is an agency part of the Québec government's Secrétariat du Conseil du trésor. Its flight training device (FTD) for CL-415 air tanker pilots is unique worldwide.

### Flight Training Device

The CL-415 flight training device has been operational since January 2003. Used for pilot training, it successfully simulates all flight conditions. It was produced and developed in Québec by Adacel and Mechtronix.

The FTD replicates a CL-415 cockpit. Equipped with a 180° screen, it offers pilots a training environment that reproduces actual flight situations. A complex computer system also simulates all possible weather conditions, power outages and potential in-flight irregularities.

### Priceless Training

Aircraft training is essential for maintaining and enhancing the skills of the pilots of the Service aérien gouvernemental. Simulated emergency situations, such as engine failures, fires and faulty systems, force pilots to react quickly, honing their senses, reflexes and dexterity. The training also teaches them the manoeuvres involved in tank-filling from a waterbody and airdropping over treetops. These procedures require extreme accuracy. In real flight situations, errors can be fatal!

### Training

Acknowledged by Transport Canada, this training is given by instructors cumulating many years of flight experience. Service aérien gouvernemental instructors offer both initial and recurrent courses. Even more, they can offer their courses to CL-415 pilots of all countries.



### \* A Front Line Role

In Québec, forests are a natural resource which is essential to its economy. By protecting them against fires, the Service aérien gouvernemental assumes a front line role, operating a fourteen air tanker fleet (eight CL-415s, two CL-215Ts and four CL-215Ps) for the Société de protection des forêts contre le feu (SOPFEU – Corporation for protecting forests against fire). Even if these aircrafts are called upon for fighting forest fires throughout the province of Québec, they have been and are also available for firefighting worldwide.



The FTD reproduces a CL-415 air tanker cockpit. The crew watches the action on a 180° screen.



In the FTD, an instructor operating station alongside the cockpit contains a sophisticated computer system simulating various emergency situations and all possible weather conditions.

The Service aérien gouvernemental flight training device is available to pilots worldwide.

### Information

For further information on the flight training device, contact:

**Service aérien gouvernemental**  
700, 7<sup>e</sup> Rue  
Aéroport international Jean-Lesage  
Sainte-Foy (Québec) G2G 2S8  
Canada

Phone: (418) 528-8383  
Fax: (418) 871-5313  
E-mail: [service.aerien@sct.gouv.qc.ca](mailto:service.aerien@sct.gouv.qc.ca)  
[www.tresor.gouv.qc.ca/service-aerien](http://www.tresor.gouv.qc.ca/service-aerien)

The Service aérien gouvernemental reports to Sous-secrétariat aux services gouvernementaux of Secrétariat du Conseil du trésor.

This publication is also available in French.

**Service aérien  
gouvernemental**  
Québec 

# FTD

## Flight Training Device For CL-415 Air Tanker Pilots



September 2003

Québec 