

# AEROSPACE IN CALGARY - WHERE INNOVATION SOARS.

Calgary stands at the forefront of the aerospace and defence industry. The city is recognized for unparalleled expertise and a growing ecosystem of multinational leaders, research institutes, and companies leading the way with cutting-edge innovations.

## Calgary's Aerospace Ecosystem

**158** aerospace and defence organizations in the Calgary Region, serving local and international markets.

SOURCE: JPOM, AEROSPACE AND DEFENCE ECOSYSTEM MAP, MAY 2024

### By 2030:

Aerospace revenue in Alberta is projected to increase to **\$4.73B**

SOURCE: KPMG, CALGARY AND SOUTHERN ALBERTA'S AEROSPACE AND ADVANCED MANUFACTURING STUDY, MAY 2024

Employment in Alberta's aerospace sector is forecasted to grow by nearly **60%**

SOURCE: KPMG, CALGARY AND SOUTHERN ALBERTA'S AEROSPACE AND ADVANCED MANUFACTURING STUDY, MAY 2024

With a rich history in aviation and a thriving ecosystem, research institutions and talent, Calgary is a hub for aerospace excellence.

- Aerospace Components and Parts Manufacturing
- Maintenance, Repair and Overhaul (MRO)
- Remotely Piloted Aircraft System (RPAS)
- Aerospace-Based Geomatics
- Simulators and Training
- Civil Aviation

## Calgary Is Connected

YYC Calgary International Airport offers 90+ direct routes to Europe, Americas and Asia for both passenger and cargo destinations – Source: YYC Calgary International Airport.

Proximity to Canada's largest beyond visual line of sight (BVLOS) testing site at Foremost UAS Range.

Alberta is home to the Canadian Armed Force's largest research centre.





## Taking Flight in Calgary



DeHavilland Canada moved HQ and operations to the Calgary region along with DH515 Water Bomber and Twin Otter manufacturing.



The Alberta Aviation and Aerospace Council is a catalyst for industry growth through collaboration, training, education, research and advocacy.



WestJet designated the YYC Calgary International Airport as its single global connecting hub and will concentrate all intercontinental 787 Dreamliner flying out of Calgary, unlocking opportunities for new routes.



Canada invested \$211.6 million in Calgary's Arcfield Canada to sustain the Royal Canadian Air Force CF-18 fleet.



SAIT was selected by NATO to serve as a test centre for their Defence Innovation Accelerator for the North Atlantic network.

## Fueling the Future of Aerospace

Calgary's talent pipeline is strong thanks to post-secondaries offering specialized aerospace programs.

- Advanced Manufacturing
- Aerospace Engineering
- Aircraft Maintenance Engineering
- Artificial Intelligence
- Aviation Management
- Avionics
- Drone Pilot Training
- Geomatics
- Geospatial
- GNSS
- Machining
- Material Science
- Pilot Training
- Quantum
- Robotics
- Structures
- Unmanned Systems



**Aerospace Innovation Hub:** The only dedicated collaboration space for companies developing the next generation of aerospace technologies in Alberta.



**Mount Royal University** offers some of Canada's elite aviation programs integrating academic preparation, with commercial pilot, multi-engine, instrument, and simulator training.



**SAIT's Art Smith Aero Centre:** Located at the YYC Calgary International Airport, this globally-recognized centre for aviation training offers immersive learning with airside access, hangar and state-of-the-art classrooms and labs.



**SAIT's Applied Research and Innovation Services:** 80+ research experts help companies cultivate skills, drive innovation and transform concepts into tangible solutions.