



Maintenance,  
repair and  
overhaul (MRO)

# Winnipeg

MANITOBA, CANADA

**Winnipeg is the largest aerospace centre in Western Canada** and the third largest in the country, with over \$1 billion invested in aerospace in the province since 2008 and a concentration of skilled labour that is twice the national average.<sup>1</sup> Accelerated growth in this sector is fueled by competitive operating costs, research and development tax advantages and top-flight labour expertise.

## Academic ecosystem



### Red River College

**The Centre for Aerospace Technology & Training (CATT)** is located within one of StandardAero's facilities in Winnipeg. This world-class training facility is a technology validation site where industry professionals and students work together to test new processes and materials.

**The Skilled Trades and Technology Centre (STTC)** provides students with more than 100,000 square feet of laboratory space and access to state-of-the-art equipment to support applied research, experiential learning and high demand trades.

**The Stevenson Campus** produces high-quality talent that fits the needs of the MRO sector in Winnipeg by working with industry to design custom courses for the maintenance and overhaul of aircraft.



University  
of Manitoba

### University of Manitoba

**The Department of Mechanical Engineering** offers an aerospace option, which allows students to study aerodynamics, propulsion systems, avionics, aircraft performance, and aerospace materials. The department includes a Tier I Canadian Research Chair in Aerospace Materials, and is the home to several state-of-art laboratories and facilities, with strong connections to industry.

## Why Winnipeg?



### Cost advantage

One of the most cost-competitive cities in North America<sup>2</sup>



### Affordable energy

Winnipeg offers renewable clean energy that is among the lowest published electricity rates in North America<sup>3</sup>



### Diverse MRO hub

A full spectrum of aircraft, aircraft engine and component MRO operations including repair design modifications and certification



### Central location

North America's geographic centre with the continent's largest trimodal inland port<sup>4</sup>



### Manitoba

**A provincial powerhouse for research & development**

18

aerospace R&D centres employ internationally renowned researchers



## Market access advantages

Winnipeg is perfectly positioned for your business to take advantage of the North American Free Trade Agreement (NAFTA), Canadian-European Union Comprehensive Economic and Trade Agreement (CETA), Canada-Korea Free Trade Agreement (CKFTA) and the Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP). Winnipeg's location offers businesses:

- Maximized value and increased international market access
- **Duty-free access to 800 million+ consumers**
- A one-hour drive to the busiest U.S. border crossing in Western Canada

## Government tax credits



**Scientific Research & Experimental Development Credit** Up to 50 percent reimbursement on eligible commercial R&D activities thanks to a best-in-country provincial top-up credit.

**Manufacturing Investment Tax Credit** Eight percent provincial tax credit on capital costs for use in manufacturing.

**Industrial Research Assistance Program** Federal funding and advice for technological innovation projects.

Endnotes:

1. In the Winnipeg Census Metropolitan Area, Statistics Canada, 2017
2. KPMG, Competitive Alternatives, 2016
3. Manitoba Hydro, 2018
4. Centreport Canada, Annual Report, 2016-2018

## Winnipeg's strength in maintenance, repair and overhaul (MRO)

**StandardAero** A worldwide leader in aerospace MRO. StandardAero has made Winnipeg a Centre of Excellence for its helicopter engine maintenance, while continuing to fulfill its military engine repair contract out of its 665,000 total square foot Winnipeg facilities.

**Flightcraft Maintenance Service** Offers MRO capabilities on a number of popular aircraft types, including line maintenance and heavy maintenance performed in their 200,000 square-foot Winnipeg facility.

**Cadorath** Performs MRO services for Rolls-Royce, Honeywell, Safran and others. Cadorath maintains trust with these OEMs by providing world-class service within its 40,000 square foot facility.



**Room to grow**

Maintenance, repair and overhaul operations in Winnipeg are showing strong propensity for growth in:

- Non-destructive inspection (NDI) and CT NDI
- Joining fusion processes
- Additive manufacturing

## CIC Engineering

Provides design, analysis, testing and fabrication services with specialization in composite materials to the manufacturing industry. CIC Engineering works with companies to develop and commercialize lighter and more cost-effective composite materials and other technologies.

"Our Winnipeg aerospace campus is core to our history and key to the future of our success at StandardAero. The strong work ethic, family culture and local support for training and growing our workforce is outstanding. We are proud to be a leading employer in Winnipeg and look forward to our continued bright future in this fine community."

*Russell Ford, Chairman and CEO, StandardAero*



**Connect with us today!**

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