



WSCAN

WESTERN CANADA
AEROSPACE INITIATIVE



Empowering the next generation of aerospace leaders

SPONSORSHIP PACKAGE



www.wcan-aero.ca



info@wcan-aero.ca

ABOUT US

OUR VISION

Establish Western Canada as a global leader in aerospace innovation.

OUR MISSION

Cultivate a thriving aerospace ecosystem in Western Canada by providing:

- *Collaborative technical development*
- *Shared aerospace test infrastructure*
- *Professional mentorship*
- *Talent pipeline development*

OUR HISTORY

The Western Canada Aerospace Initiative (WCAN) evolved from Bio Rocket, an ambitious engineering capstone project started at the University of Calgary in 2024.



Originally focused on developing Proteus, Alberta's first student-designed liquid rocket, the team completed the first static fire test of a student-developed liquid rocket engine in Alberta in August 2025. Recognizing a broader regional need for collaborative technical projects, shared infrastructure, and talent development, the team transformed their project into a non-profit organization and founded WCAN in 2026.

IMPACT



200+
students impacted



25+
global industry partners



2
startups launched



\$375k
funding secured



WCAN advances aerospace innovation by combining workforce development with infrastructure and commercialization support. We empower student aerospace teams and deliver hands-on technical programs that cultivate industry-ready talent. Through developing shared infrastructure and strategic partnerships, we reduce barriers to entry for emerging companies - with two aerospace startups launched to date.

TESTIMONIALS

Hear from our current industry supporters.

"Fidelity invests in Alberta's future by supporting technological growth in schools and universities. Partnering with innovative teams like the Western Canada Aerospace Initiative, we help turn bold ideas into real-world advancements. Our sponsorship reflects our commitment to innovation, hands-on education, and developing future talent in aerospace and advanced manufacturing."



- Corey Homick, Fidelity Manufacturing Group

"The team at Next Level is thrilled to support the Western Canada Aerospace Initiative with our advanced manufacturing services. It is great to be a part of projects like this to see first hand the enthusiasm, dedication, and innovation coming from the students as they put the engineering principles they've been taught into practice."



- Carter Will, Next Level Advanced Manufacturing

"The Western Canada Aerospace Initiative inspired me deeply, its innovation and potential impact on space exploration are extraordinary. It was a labor of love to rally my network across several companies to help secure fuel, electrical components, and materials, including support from my employer EECOL."



- Mike Freed, EECOL Electric

Join our growing network of global industry partners! Your support provides critical resources for students to bridge the gap between academic knowledge and applied aerospace development. By partnering with us, you help to empower the next generation of aerospace leaders, gain access to top talent, and promote your organization to a broad network of innovators.

PROTEUS



WCAN's flagship vehicle, Proteus, represents a historic milestone in regional aerospace development, as it is the first liquid rocket developed and tested in Alberta and the second heterogeneously pressurized student rocket in Canada.

10,000 ft
target altitude

Mach 1
top speed

20+
team members

2027
target launch date

With 20+ members contributing to development and testing, the Proteus project provides hands-on experience with propulsion, machining, system design, range safety, testing, data acquisition, and project management - skills urgently needed in Canada's growing aerospace sector.

WCAN TEST FACILITY

The cornerstone of our shared infrastructure development, the WCAN Test Facility will position Western Canada as a hub for aerospace innovation and commercialization. Supporting students and industry leaders alike, the facility will be the first of its kind in Canada.

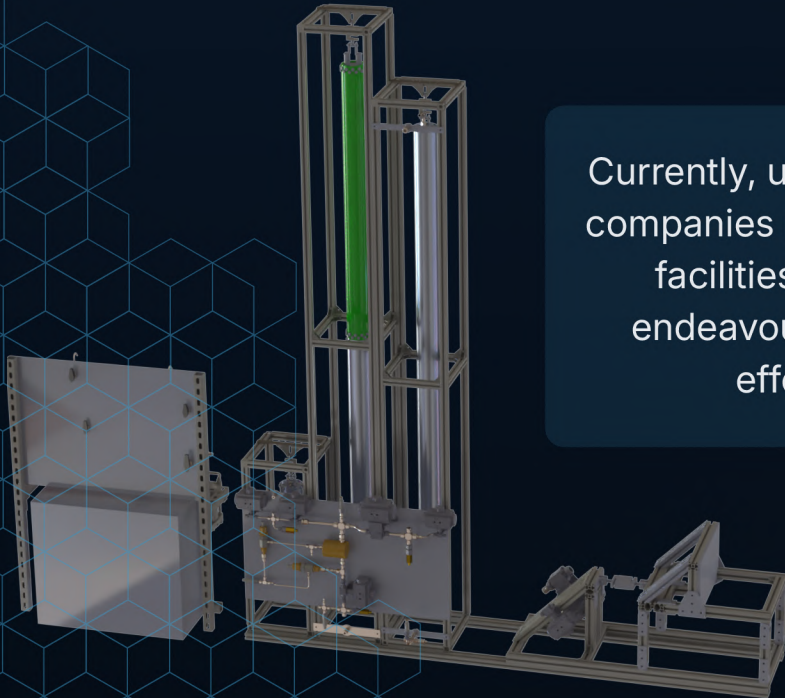


Aerospace in Western Canada

✓ **20+**
post-secondary student
aerospace teams

✓ **700+**
aerospace
companies

✗ **Zero**
shared aerospace
testing infrastructure



Currently, university design teams, researchers, and companies must design and construct their own test facilities - an expensive and time consuming endeavour that leads to duplicated engineering efforts across many organizations.

WCAN TEST FACILITY

Leveraging shared testing infrastructure enables organizations to bypass the hurdles of facility construction and proceed directly to testing core technologies. By providing a robust, extensible, and state-of-the-art testing facility, featuring top-tier equipment from leading industry suppliers, we enable an unprecedented level of focus on innovation.



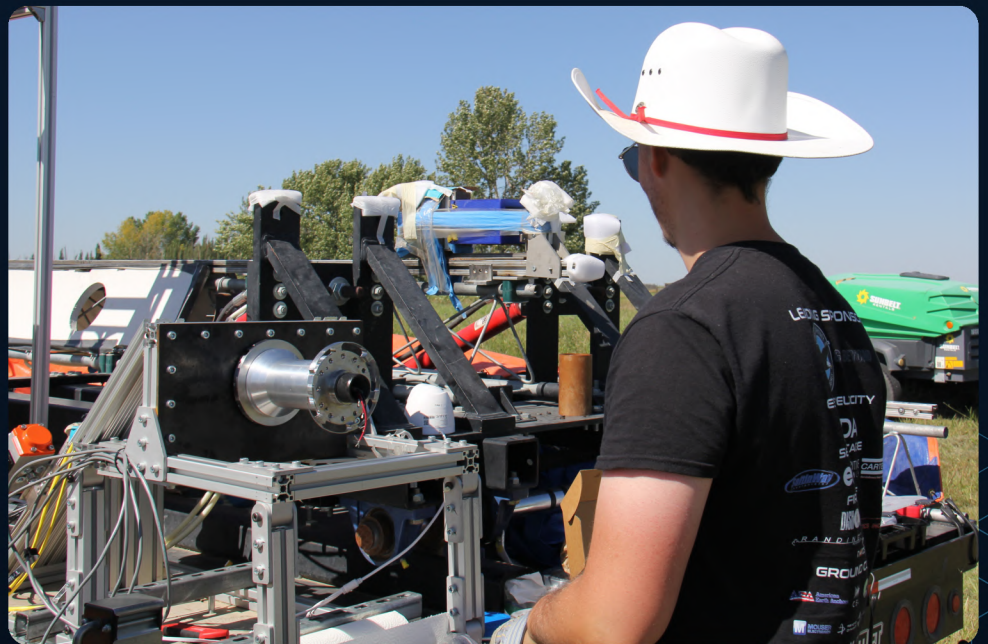
Industry Development

By building their operations around WCAN's extensible test architecture, these organizations can bypass the expenditures required for private facilities.



Regional Talent

As Western Canada faces a critical shortage of industry-ready expertise, contributing to this state-of-the-art system provides WCAN members with the essential, high-demand experience in aerospace engineering and range safety required to bridge this widening talent gap.



From component-level verification to orbital launch vehicle development, the WCAN Testing Facility is built to support the future of aerospace innovation in Western Canada. By offering infrastructure currently unavailable in the region, we provide a strategic anchor that attracts global aerospace startups and industry leaders to Calgary.

TIMELINE

From our origins with the Bio Rocket project to the successful 2025 static fire of Alberta's first student-developed liquid rocket engine, WCAN's journey is defined by technical firsts. Today, we are scaling that momentum into a formal non-profit to provide the shared infrastructure and talent pipeline necessary to establish Western Canada as a global leader in aerospace innovation.



LEADERSHIP TEAM



Jayden Sorensen, EIT

Executive Director

Jayden has 5+ years of experience in leadership and technical development on student-led rocketry projects, specializing in avionics and control platforms. In addition to spearheading WCAN, she is co-leading development of modular electrical power supplies designed for aerospace applications.



Lukas Kobler, EIT

Program Director

Lukas has 6+ years of experience in technical development and leadership on both student-led and industry aerospace projects. His latest venture, Aurora Fluid Systems, emerged from the Proteus project and secured a competitive placement in the Aerospace Accelerator Program at Innovate Calgary.



Jesse Gerbrandt, EIT

Outreach Director

Jesse has 4+ years of experience in leadership and technical development on student-led rocketry projects, specializing in software development and avionics. He is co-leading the development of modular electrical power supplies with Jayden.

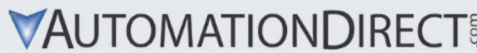
OUR SPONSORS

PARTNER



Yukon 3D Solutions

GOLD



SILVER



COPPER



SPONSORSHIP TIERS

	PARTNER \$15,000	GOLD \$8,000	SILVER \$5,000	COPPER \$1,500
Logo on Website	Large	Medium	Small	Small
Branding on Team Uniforms	✓	✓	✓	✓
Recognition in Presentations	✓	✓	✓	✓
Advertisement on Social Media	✓	✓	✓	
User Stories & Testimonials	✓	✓	✓	
Lunch & Learn	✓	✓		
Logo on Rocket	✓	✓		
Social Media Highlight Video	✓			
Subsystem Naming Opportunities	✓			

*In-kind contributions are valued at equivalent market rate.
Sponsorship tier is assigned based on lifetime contribution.*

GET INVOLVED!


Contact us to learn how you can make an impact

As a non-profit organization, WCAN is powered by the support of our global network of partners. Their generous investments allow us to support students, lead major technical projects, and provide aerospace technology and infrastructure to the region. As we continue to scale our impact, we invite new organizations to join our mission.




Fuel the innovation. Join our mission today.



 @wcan_aero

 @WCAN-Aero

 [linkedin.com/company/wcan-aero](https://www.linkedin.com/company/wcan-aero)