



Sponsorship Catalog



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Who we are

The McGill Rocket Team (MRT) is challenging to define. It is a group of almost 300 students that seem to only have one thing in common: we love rockets. Founded in 2014 by a group of 4 engineering students, the team has grown to be represented by students from 30 different majors throughout the university ten years later.

The team's mission has stood the test of time: build the best students by building the best rockets. Hailing from countries across the globe, each member brings unique skills, experiences, and perspectives on rocketry. MRT offers six different--yet incredibly intertwined--sub teams that each provides an angle into what we do for everyone. The team is currently aiming higher than ever--60,000 ft (more than 18 km), and we are standing on the shoulders of giants to reach new heights. We wouldn't be at these heights if it weren't for our sponsors, and we will push even further as a community of organizations and companies.

While it is difficult to encapsulate the team in words, the following 5 words exist in all our heads: we are built by MRT.



Launch Canada provides opportunities to Canadian university students to apply their knowledge to exciting and relevant engineering problems in the aerospace industry. Unlike many rocket engineering competitions, Launch Canada has levels of competition available to serve every portion of the Canadian rocketry community, enabling a broader range of students to enter the field and hone their skills.

The first iteration of the competition was held in August 2022 which led to the first launches of experimental rockets from Canadian soil in over 40 years. After its inaugural success, it has solidly established itself as a prominent rocket engineering competition.

The McGill Rocket Team competes in the Launch Canada competition as part of its mission to foster the next generation of leaders in the aerospace industry.



The Spaceport America Cup (SAC) is the world's premier university level rocketry competition. Featuring presentation events alongside rocket launches, its competitiveness and international prestige makes it an attractive destination for student rocketry teams from around the world.

The McGill Rocket Team competed in SAC from 2015-2023 and garnered various achievements such as a first place victory for its solid rocket Blanche in 2018 and 2nd place for its hybrid rocket Porthos. These accomplishments were enabled by the continued support and generosity of its sponsors.

The McGill Rocket Team aims to return to the American skies in the near future to be a part of the incredible progress SAC has made in inspiring young rocketeers.

PROJECTS



Peregrine
10K COTS Solid
2015
Place: 32/44



Peregrine MK II
10K COTS Solid
2016
Place: 29/45



Aeris
10K COTS Solid
2017
Place: 30/45



Stella
30K COTS Solid
2017
Place: 3/6



Blanche
10K COTS Solid
2018
Place: 1/47
Competition winner!



Stella MK II
30K COTS Solid
2018
Place: 7/15



Caladan
30K COTS Solid
2019
Place: 4/19



Aramis
30K COTS Solid
2021 (Virtual)
Place: 3/8



Athos
10K SRAD Hybrid
2022
Place: 2/10



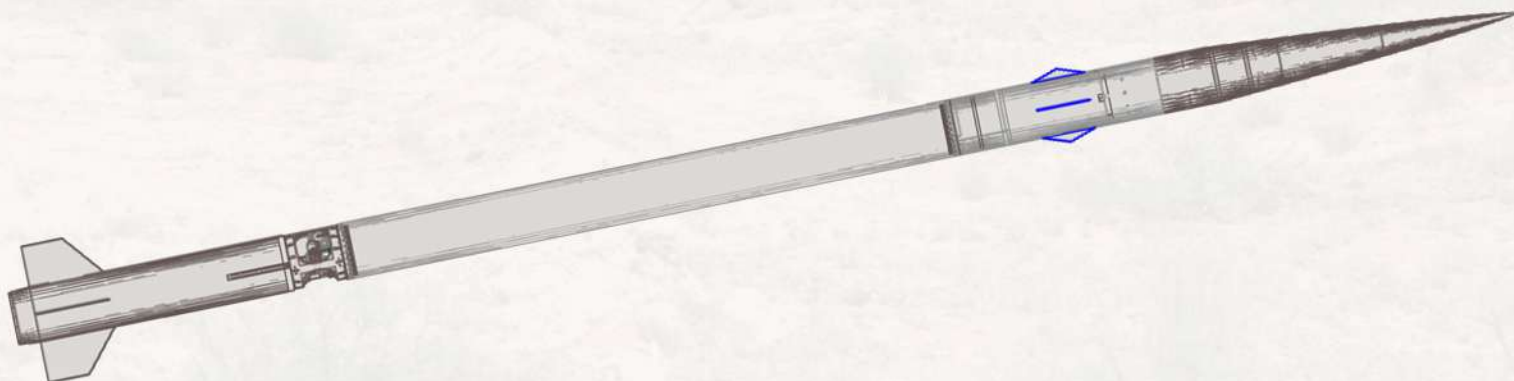
Porthos
SAC - 10K SRAD Hybrid
LC-Advanced
Place: 2/4



Thorondor
30K SRAD Hybrid
LC - 2024

Ancalagon 60K SRAD Hybrid


Project Ancalagon is the McGill Rocket Team's fourth student researched and designed (SRAD) hybrid rocket. A nitrous oxide paraffin wax engine will propel the rocket up to 60,000 ft above ground level. The rocket is 8 inches in diameter and 18 feet long. It incorporates a number of advanced and upgraded systems including a new engine designed to produce up to 15 kN of thrust, a fully optimized pre-impregnated composite airframe, an experimental payload testing the efficacy of a novel and proprietary bone adhesive from a company called RevBio, two fully student built flight computers, custom fin mounted antennas, and radios, a non-pyrotechnic cold gas ejection chamber, and a student designed, manufactured, and tested launch rail.



REACH



Legend

 Alumni Location and Employer



Competition Spaceport America Cup June

[1] Reaction Dynamics (Montreal, QC)

[2] MDA (Montreal, QC)

[3] Canadian Space Agency (Montreal, QC)

[4] SpaceRyde (Toronto, ON)

[5] Lockheed Martin (Ottawa, ON)

[6] Rocket Lab (Long Beach, CA)

[7] United Launch Alliance (Denver, CO)



Competition Launch Canada August

The MRT strives to participate in many outreach events, both on campus at McGill and off-campus around Montreal. We are proud to share our passion for rocketry and STEM, and to both create and promote opportunities in our local community. The Team participates every year in some outreach initiatives, including:

- Les Filles et la Science, promoting STEM to high school-aged girls
- A Walk For Education (AWFE)
- Our Giant Leap Hackathon, promoting gender, diversity and inclusivity initiatives in the space industry. In collaboration with the Space Generation Advisory Council
- Various McGill recruitment events (Open House, McGill Campus Connects, Engineering Involvement Day, Activities Night)
- Promoting Opportunities for Women in Engineering
- Events for the McGill Institute of Aerospace Engineering (MIAE)

The team expanded its outreach activities by co-founding the Canadian Rocketry Consortium with other Canadian university rocketry teams. The team also collaborated with local space-related organizations on the Montreal Space Symposium, and coordinated miniature launch events with high schools and CEGEPs.

None of the team's activities would be possible without our sponsors, who continue to make the McGill Rocket Team experience a rewarding one. The team's goal of fostering the next generation of industry leaders is one that is constantly being met, as our alumni have worked for aerospace companies such as Reaction Dynamics and at NASA JPL. This has been made possible through the tenacious dedication of our members and the continued support of our sponsors.



WHY SPONSOR US?

The McGill Rocket Team provides students with opportunities to develop essential skills by pursuing ambitious aerospace projects, and leads initiatives to inspire the future STEM and aerospace generation in Canada.

The team has rapidly grown to include 250+ members, scored top honours at international competitions, and we continuously strive to pursue more ambitious and challenging projects. Your support would play a vital role in fostering future aerospace talents and innovations in the industry.

| Tier | Logo | Benefits | Price Range |
|----------|------|--|--------------|
| BRONZE | B | Small Logo on Sponsorship Banner + Rockets + Website + Team Uniform (1 year) | \$0 - \$1000 |
| SILVER | S | Medium Logo on Sponsorship Banner + Rockets + Website + Team Uniform (1 year) + 1 Social Media Picture Post | \$1000 + |
| GOLD | G | Large Logo on Sponsorship Banner + Rockets + Website + Team Uniform (1 year) + 2 Social Media Picture Posts | \$5000 + |
| PLATINUM | P | Extra-Large Logo on Sponsorship Banner + Rockets + Website + Team Uniform (1+ years) + 2 Social Media Posts + 1 LinkedIn Post (Pictures) | \$10000 + |

Exceptional support over multiple years

| Tier | Logo | Benefits | Price Range |
|---------|------|--|-------------|
| DIAMOND | D | Header Logo on: + Sponsorship Banner + Rockets + Website + Team Uniform (1+ years) + 2 Social Media Posts + 1 LinkedIn Post (Pictures or videos) | \$10000 + |

Contact us

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