



# PARTNERSHIP PROPOSAL



# ROCKÉTS

Founded in 2012, RockÉTS is a science club at École de Technologie Supérieure (ÉTS) dedicated to the development of high-powered rockets and to the promotion of aerospace science and technology. The team counts about thirty devoted members contributing to the team's wide engineering skillset.

Furthermore, as a tribute to Canada's Inuit communities, RockÉTS has been naming its projects and rockets in Inuktitut for several years.

## OUR CORE VALUES

PROFESSIONALISM

INNOVATION

RESPECT

QUALITY

COMMUNICATION

TEAMWORK

## MISSION

The club's cornerstones are based on the sharing and cultivation of engineering knowledge. It helps enrich its community in two ways: by offering students the opportunity to gain hands-on experience and assimilate lessons through a variety of unique aerospace-related events and by inspiring new generations to pursue stellar dreams.



# OUR PROJECTS

## PANA / <math>\langle \sigma \rangle^{\text{cb}}</math> HYBRID PROPULSION ENGINE

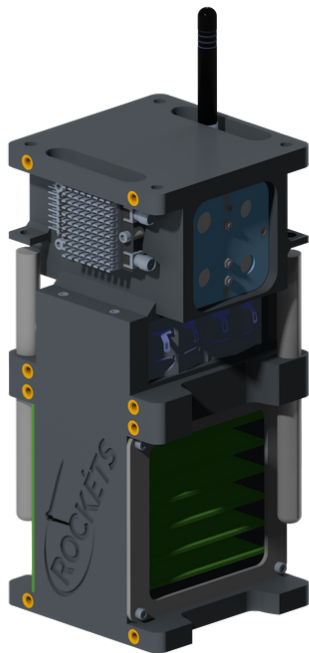
Always on the lookout for new challenges, and keen to innovate, RockÉTS has initiated its biggest project to date: the development of a hybrid propulsion engine. Such a project requires a major overhaul of most rocket subsystems.

Representing the goddess Pana from Inuit mythology, this project guides the team towards a new era.

## ANIRNIQ / <math>\langle \sigma \rangle^{\text{cb}}</math> MODULAR AVIONICS

Anirniq is a modular, compact, and scalable avionics system used by the team since 2019. This system stands out every year as one of the most remarkable technological innovations in the Spaceport America Cup.

Anirniq, which symbolizes the soul in Inuktitut, occupies a central position within each rocket, enabling the club to achieve its goals.



## TIMMIAQ / <math>\langle \sigma \rangle^{\text{cb}}</math> EJECTABLE PAYLOAD

The payload, built in a CubeSat format, can be ejected into the upper atmosphere, hence its name, Timmiaq, which represents a bird. It has a modular design, enabling it to adapt easily to different missions. To reduce environmental impact, the payload is designed to be reused between flights.



# OUR COMPETITIONS



## SPACEPORT AMERICA CUP

The Spaceport America Cup is an international event that takes place every year in the heart of New Mexico. Nearly 6,000 students from more than 150 universities compete in various categories for their chance to win the most prestigious prize.

## LAUNCH CANADA

With the main goal of promoting aerospace innovation in Canada, this event has offered the opportunity to launch high-power sounding rockets since 2022. During its first edition, RockÉTS launched the first experimental rocket on Canadian soil in 2022, setting an altitude record.



## AWARDS

### Spaceport America Cup 2023

1st place, 30 000 ft, COTS propulsion

### Launch Canada 2022

1st place, basic category

1st place, overall

### Spaceport America Cup 2022

3rd place, 30 000 ft, COTS propulsion

### Spaceport America Cup 2019

2nd place, 30 000 ft, COTS propulsion

### Spaceport America Cup 2017

Dr. Gill Moore Award for Innovation

**AND SO MUCH MORE...**

# PARTNERSHIP PROGRAM

Designing and manufacturing rockets requires considerable resources. Therefore, RockÉTS turns to you, our industry partners, to help us achieve our goals and support the training of tomorrow's engineers.

In exchange for your support, RockÉTS guarantees your company unparalleled visibility at our competitions and at over 10 events in which the team participates each year. Below you'll find the additional benefits that each level of sponsorship unlocks\*.

Categories	Value	Logo on the website	Logo on the banner	Logo on the shirt	Logo on the rocket	Logo on the test bench
Supernova	> 10 000 \$	✓	✓	✓	100 cm <sup>2</sup>	Big
Supergiant	5 000 \$ - 9 999 \$	✓	✓	✓	50 cm <sup>2</sup>	Small
Giant	2 500 \$ - 4 999 \$	✓	✓	✓		
Star	1 000 \$ - 2 499 \$	✓	✓			
Nebula	500 \$ - 999 \$	✓				

Special requests: RockÉTS is ready to put your ideas into action. Whether it's a particular project or another way to extend your reach, you can count on us to make it happen. Don't hesitate to contact us to customize your experience and explore the many possibilities.



\*No matter the sum of the donations or of the sponsorships given to RockÉTS, the partners become automatically partners of ÉTS.

## CONTACT US!

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clubrockets.ca



# OUR 2023 PARTNERS

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## SUPERGIANT



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## STAR

**DRIIMEX**

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## NEBULA

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