

~JANUARY 2026 ISSUE~



UNB Rocket Engineering
And Propulsion Laboratory

NEWSLETTER



WELCOME BACK, EVERYONE!

Larry Davies, VP Communications

Hello Aerospace Enthusiasts! It's been an exciting month at the UNB Rocket Engineering and Propulsion Lab. New Year, fun things! Here's the latest on our projects, achievements, and updates.

The UNB Rocket Engineering and Propulsion Lab continues to stride forward, pushing boundaries, fueled with the spirit of exploration and innovation.

Over the past month, we have been working on designing and manufacturing an innovative quadcopter called Vortex.

There will be design showcase of the projects' (Vortex and Zaphod) prototypes, specifically UNB students to see our progress



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ACHIEVEMENT AWARD WINNERS

This month, we recognize three members for their exceptional commitment and contributions to our mission.



Martin Arnold Lunniss Platt



Jaxom Thornton



Evan Israel

What's happening?



🚀 As we all know, all work and no play makes Jack a blunt pencil. This semester we will be having our Space event. Don't you worry, you won't need a space suit; it's going to happen at the UNB SJ campus. More announcements on it will be coming soon... 🚀

The Aerospace Merch!!! We know everyone has been requesting it; well, we heard and listened.

- ♦ There is going to be a design showcase of what the merch will look like on FEB 23 > We will be having a democracy in the space group... IKR! politics in space
- ♦ This is to make sure everyone has a voice in what their merch will look like, and the merch design with the highest vote will be the club's official merch!

Support Through Fundraising

Crowdfunding is vital to our mission. Every contribution helps purchase rocket materials, propulsion components, avionics systems, and safety equipment. It also allows our team to travel and compete at national events, including Launch Canada 2026.

We welcome everyone—students, alumni, sponsors, and enthusiasts—to contribute to our journey. Every donation fuels innovation, supports hands-on learning, and helps remove financial barriers so students can explore, test, and launch with confidence.

Through teamwork, creativity, and passion, the UNB Rocket Engineering and Propulsion Lab is not just building rockets; we're building the next generation of Canadian aerospace engineers. Your support helps us soar higher, push further, and inspire others to aim beyond the sky.

JOIN, SUPPORT, AND CELEBRATE OUR TEAM



The Autonomous quadcopter system has different divisions that will take on the challenge of designing, building, and maintaining all the ground equipment that makes our Vortex quadcopter possible. If you love hands-on engineering, teamwork, and seeing your work in action on launch day, come and choose a division today!



Sharing Our Discoveries

At the end of the academic year, the UNB Rocket Engineering and Propulsion Lab will publish our scientific findings, sharing our projects and innovations with the broader aerospace community. Our mission is to promote excellence in engineering, collaboration, and innovation, inspiring the next generation of aerospace leaders while proudly representing UNB on the national stage.



How Do I Join?

Joining the team is simple! Scan the QR code to join us!



Contact & Connect With Us

Address: UNB Fredericton and UNB Saint John

Email: unbrocketteam@gmail.com

Website: unbpropulsion.com

Social Media:

- Instagram: [@unbrepl](https://www.instagram.com/unbrepl)
- Facebook: UNBRepl

Stay connected, follow our progress, and join the conversation as we push the boundaries of aerospace innovation!