



SPONSORSHIP PROPOSAL

DRACO ROCKETRY • UPRM
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WHO WE ARE:

DRACO was founded in 2018 at the University of Puerto Rico, Mayagüez Campus. We are a student-led, non-profit organization dedicated to **designing, manufacturing, and launching high-powered rockets** while developing future leaders in STEM fields. By combining academic aerospace theory with intensive hands-on manufacturing application, we prepare our members to excel with the technical, communication, and teamwork skills necessary to thrive in the aerospace industry.

OUR MISSION:

DRACO aims to develop future leaders amongst STEM fields and immerse students in the growing aerospace industry of Puerto Rico, helping members develop the technical, communication, and teamwork skills necessary to excel in the industry.

OUR VISION:

DRACO aims to become one of the top competitors in the NASA University Student Launch Competition and create an impact on a significant number of people, encouraging them to pursue careers in the aerospace industry.

WHAT WE DO:

Every year, our team researches, designs, and manufactures **two high-powered, solid-motor rockets**. Our **9** months of hard work culminate at the launch site in Huntsville, Alabama, where we represent Puerto Rico and UPRM in the prestigious **NASA University Student Launch Initiative (NASA USLI)**.





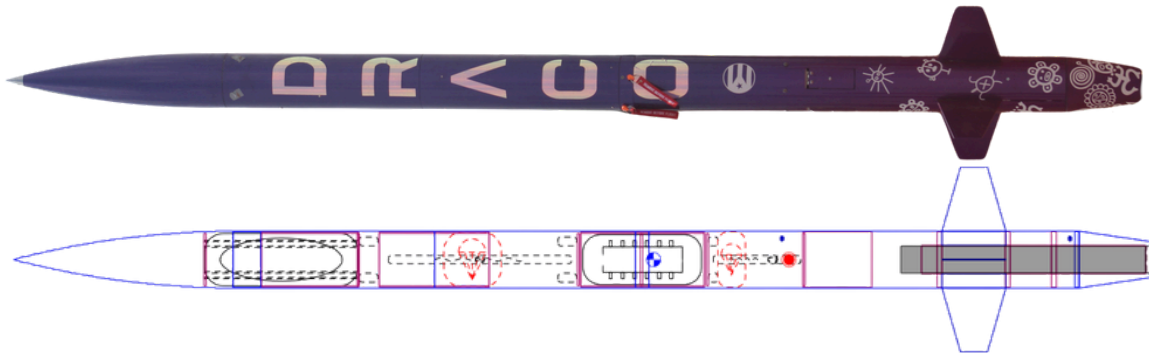
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THE NASA CHALLENGE:

Every year, our team faces a rigorous set of mission parameters established by competition organizers that replicate real-world challenges by the NASA Artemis Program. To meet these demands, DRACO designs, simulates, and manufactures two distinct, high-powered aerospace vehicles:

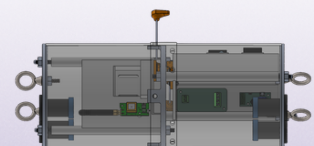
- **The Subscale Rocket:** A scaled-down prototype used to test aerodynamic stability, validate complex recovery systems, and gather baseline flight data through local test launches in Puerto Rico.
- **The Full-Scale Rocket:** Our primary competition launch vehicle, engineered with complete wall subsystems to house the mission payload and constructed to soar to target altitudes between 3,500 and 6,000 feet at the official NASA launch site in Huntsville, Alabama.



AUTONOMOUS SYSTEMS:

While building a reliable launch vehicle, NASA challenges us to design and integrate an independent, autonomous payload system. While the exact task parameters change annually to mirror deep-space exploration goals, our team utilizes student innovation to engineer solutions involving:

- **Autonomous Deployment:** Systems that activate or deploy automatically upon landing or reaching specific altitudes.
- **Sensory Data Collection:** Electronic bays equipped with custom sensors to track atmospheric conditions, telemetry, and environmental dynamics.
- **Mechanical Robotics:** Student-built rovers or mechanical recovery units designed to perform precise tasks completely unassisted.





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OUR TRACK RECORD OF EXCELLENCE:

By partnering with DRACO, your company aligns itself with a proven, award-winning program. As the first rocketry team to represent Puerto Rico on this national stage, the NASA USLI, we take immense pride in our consistent legacy of success. Thanks to the hard work of our members and the generosity of our sponsors, DRACO has won several recognitions in the competition over the years, some of which are mentioned below.

OUR ACHIEVEMENTS:

- 2026 | 11th Place: Overall (Out of 42, successful flight and completed mission)
- 2025 | 1st Place: Social Media Presence Award (Outstanding social media presence)
- 2024 | 17th Place Overall (Out of 54, successful flight and completed mission)
- 2023 | 15th Place Overall (Out of 52, successful flight and functional payload vehicle)
- 2021 | 2nd Place: Social Media Presence Award (Outstanding social media presence)
- 2020 | 1st Place: Project Review Award (Highest quality in engineering documentation)
- 2020 | 1st Place: Rookie Award (Exceeding all entry expectations)





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FINANCIAL TRANSPARENCY & ALLOCATION:

Becoming a DRACO partner means joining a legacy of innovation. As the **first and only Puerto Rican** team to maintain a continuous presence at the national **NASA rocketry competition**, your support (whether monetary, services, or equipment) is vital to our growth. In return, we offer valuable exposure across our social media, presentations, and official documentation, alongside opportunities to feature your corporate logo on our competition rocket and launch day shirts.

To successfully engineer, build, and safely transport our vehicles, our team operates on an annual budget of **\$30,000**. As a non-profit, student-led organization, without our sponsors helping us along the way, reaching our goals would be an incredibly hard task. Every contribution is directly allocated across three critical operational areas:

Operational Category	What It Funds	Strategic Impact
Technical Expenses	CAD/Analysis software licenses, raw building materials (carbon fiber, fiberglass), 3D printing, telemetry systems, batteries, altimeters, parachutes etc.	Directly supplies the physical components for manufacturing and tools needed to build a highly competitive, flight vehicle.
Controlled Logistics	Specialized shipping fees for rocket motors and black powder, permits etc.	Overcomes the complex regulatory and geographic challenges of legally and safely importing regulated rocket propulsion systems to the island of Puerto Rico.
Travel & Ground Operations	Equipment transport and logistical expenses for local subscale flight testing across Puerto Rico, and team travel to the official NASA competition site.	Ensures our student engineers can safely conduct test flights locally and stand with other universities at the main launch in Huntsville, Alabama.





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OUR SPONSORSHIP PACKAGES:



BRONZE SPONSOR:

Valued between \$1-\$250

- Official Digital Certificate of Sponsorship.
- Access to student-led team progress and technical status reports upon request.



SILVER SPONSOR:

Valued between \$251-\$500

- Company logo featured in our dedicated "Meet our Sponsors" social media campaign.
- Official Digital Certificate of Sponsorship.
- Access to student-led team progress and technical status reports upon request.



GOLD SPONSOR:

Valued between \$501-\$1,500

- Company logo will be featured on our Official Launch Day Shirts.
- Company logo featured in our dedicated "Meet our Sponsors" social media campaign.
- Official Digital Certificate of Sponsorship.
- Access to student-led team progress, technical status reports, and budget utilization updates upon request.



DIAMOND SPONSOR:

Valued at \$1,501 or more

- Company logo will be featured on the rocket body.
- Company logo will be featured on our Official Launch Day Shirts.
- Company logo featured in our dedicated "Meet our Sponsors" social media campaign.
- Official Digital Certificate of Sponsorship.
- Access to student-led team progress, technical status reports, and budget utilization updates upon request.





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JOIN OUR MISSION:

Your investment directly supports the growth of engineering in Puerto Rico and paves the way for our student innovators to succeed on the international stage.

We welcome monetary contributions, corporate service sponsorships (such as free machining or tool access), or direct material or software donations.

Are you ready to partner with DRACO? Contact us today to secure your sponsorship tier!

CONTACT US!



E-Mail: draco.uprm2023@outlook.com



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