



DUKE AERO

A BRIEF HANDBOOK FOR
CORPORATE SPONSORS
2024-2025



Dear Potential Corporate Partner,

Duke AERO (Aerospace Engineering Research Opportunities) is a student-run rocketry program founded on the core principle of providing engaging aerospace opportunities that allow students to explore what the field may have for them. AERO allows students to involve themselves in hands-on aerospace construction projects and relevant research and grants them the ability to network with individuals in industry.

From a foundation in aircraft design to multiple rocket launches, our club has a history of evolving engineering excellence. Our student members have conducted airplane wing builds, explored ideas behind satellite design, and manufactured five rockets from design to launch. This past 2023-2024 season, we designed a rocket to fly in the 2024 Spaceport America Cup in New Mexico, where we competed in the 10,000-foot SRAD solid motor category and won the Jim Furfaro Award for Technical Excellence. Out of 152 international teams, the judges determined Duke AERO's rocket exemplified the best overall engineering discipline and technical skill throughout all its design, manufacturing, and integration of its systems. This year, we plan to return to the Spaceport America Cup with a 30,000-ft SRAD competition rocket, while continuing development of our liquid rocket engine.

This team is resilient, motivated, and passionate about aerospace. Over the years we have experienced setbacks and challenges that have only made us grow as a team. Our members are committed not only to learning all they can about high-powered rocketry, but passing on their knowledge to future engineers and aerospace enthusiasts whether they be in Duke AERO or anywhere in the world.

The purpose of this letter is to provide you with a brief overview of our group and outline the opportunities that exist for corporate sponsorship for the 2024-2025 year and beyond. Each year our group continues to push boundaries that once limited us, developing more powerful, more stable, and more capable rockets. We would like to invite you to join us as we launch into our aerospace endeavors.

We hope you will join us.

Respectfully,

Megan Glasgow

Duke AERO | Corporate Outreach 2024-25

Who We Are

Our members are rocketry and aerospace enthusiasts, through and through. With beyond-the-classroom involvement in design and manufacturing, and internship experience at premier organizations such as SpaceX, NASA, Northrop Grumman, Boeing, Lockheed Martin, and the U.S. Space Force, Duke AERO members truly are some of the brightest and most dedicated young engineers in the country.

Executive Board



Sage Cooley ('25)
President

B.S.E. Mechanical Engineering
& Minor in Creative Writing



Joseph Schwartz ('25)
Vice President

B.S.E. Mechanical Engineering,
Certificate in Aerospace
Engineering, Certificate in
Innovation and
Entrepreneurship



Rohan Joshi ('26)
Treasurer

B.S.E. Mechanical Engineering,
Certificate in Aerospace
Engineering, Certificate in
Innovation and
Entrepreneurship



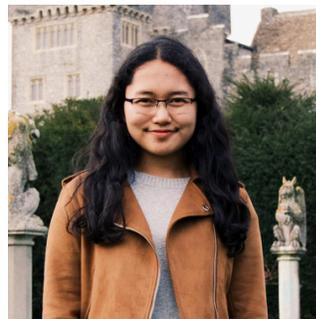
Megan Glasgow ('26)
Corporate Outreach

B.S.E. Mechanical Engineering,
Certificate in Aerospace
Engineering, Minor in
Computer Science



Grant Weerts ('26)
Secretary

B.S.E. Mechanical Engineering
& Certificate in Aerospace
Engineering

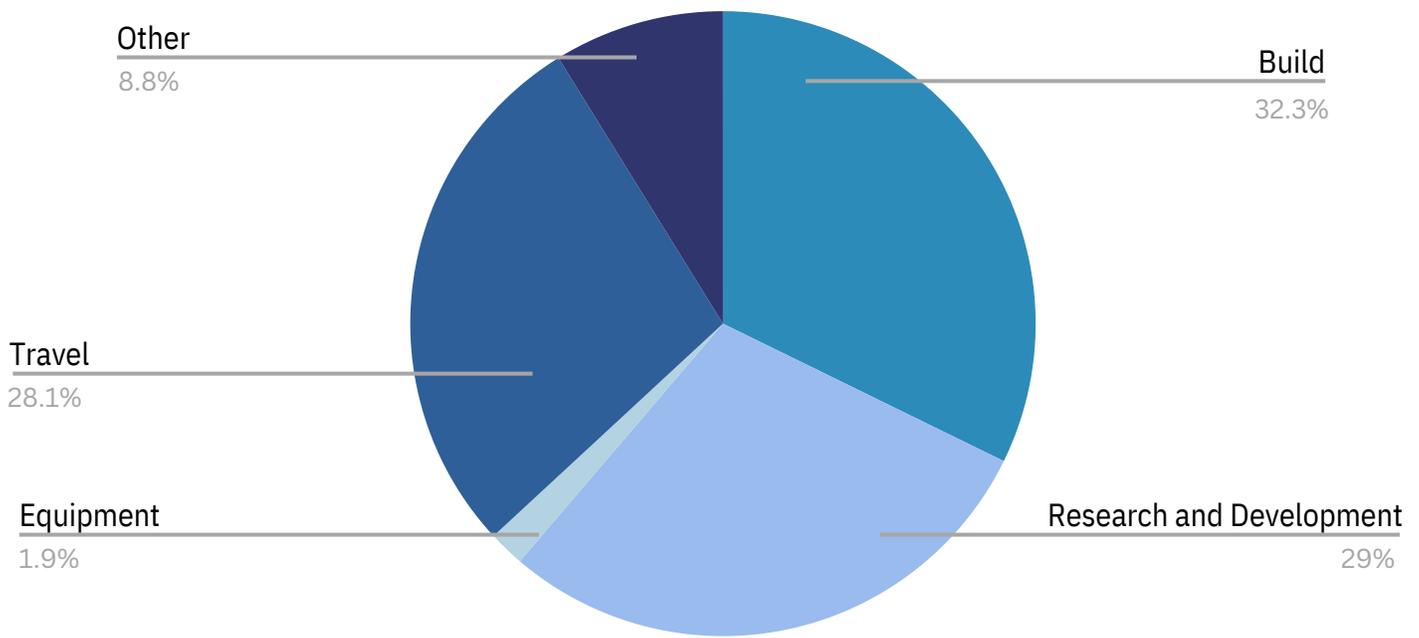


Devi Yulianti ('26)
Strategic Initiatives

B.S.E. Mechanical Engineering
& Certificate in Robotics and
Automation

Budget

For the 24-25 academic year, we as a team have set our sights high. Our goal is to return to Spaceport America Cup with our team's first 30,000 ft SRAD competition rocket and continue development of our liquid engine. These projects will be the highlight of our club's achievements, but these endeavors come at a cost. Receiving no travel funding and a minimal build budget from our university, our team's accomplishments are largely made possible by your generous contributions. Below you will find an outline of this year's budget.



Build Budget	
Allocation	Anticipated Spending
Solid Propulsion	\$3,500
Avionics	\$3,200
Structures	\$3,500
Recovery	\$1,500
Payload	\$2,200
Liquid Propulsion Research and Development	\$10,500

Total Budget	
Allocation	Anticipated Spending
Build	\$13,900
Research and Development	\$12,500
Equipment	\$800
Travel	\$12,100
Other	\$3,800

Sponsorship

It is the generous support from our sponsors that enables us to progress. As we seek to grow our club, we would not be able to achieve our goals without your help. Together, we can continue to build upon our previous successes, inspiring and informing the next generation of aerospace engineers. Any contribution you choose to make is greatly appreciated.

Engaging in a corporate sponsorship program with Duke AERO comes with certain benefits such as advertising and logo distribution, as well as access to some of the brightest engineering talent in the nation. Below, you will find a list of the various levels of monetary sponsorship and their corresponding benefits.

Level 4: Launch Sponsor > \$4,000

Large Logo on Rocket
Large Logo on Website
Invitation to Local Launch Events
Invitation to Critical Design Meetings
Lower Tier Incentives

Level 3: Build Sponsor > \$2,000

Medium Logo on Rocket
Medium Logo on Website
Company Name/Logo on Team Wear
Social Media Post
Lower Tier Incentives

Level 2: Design Sponsor > \$750

Small Logo on Rocket
Small Logo on Website
Access to Group Resume Book
Lower Tier Incentives

Level 1: Donor < \$750

Monthly Email Newsletter

Non-Monetary Support

Duke AERO also welcomes non-monetary contributions. These may take numerous forms including material donations, in-kind donations, on-campus info sessions, career mentorship, and student visits to company sites, just to name a few. If you would like to partner with us, do not hesitate to reach out to explore what options may exist.

Contact

To take the next step on any corporate sponsorship options, please contact our Corporate Outreach Chair, Megan Glasgow, at mg435@duke.edu. You can also reach her by phone at (314)-277-6638. This includes discussing an on-campus event or an alternate form of sponsorship. Please do not hesitate to contact us.

Also, feel free to follow our group on [LinkedIn](#) and [Instagram](#) and browse our website <https://dukerocketry.com/>.

If you are a first-time sponsor, we encourage you to reach out with any questions. To our returning sponsors, we warmly thank you for your continued support and look forward to working with you throughout the year!

