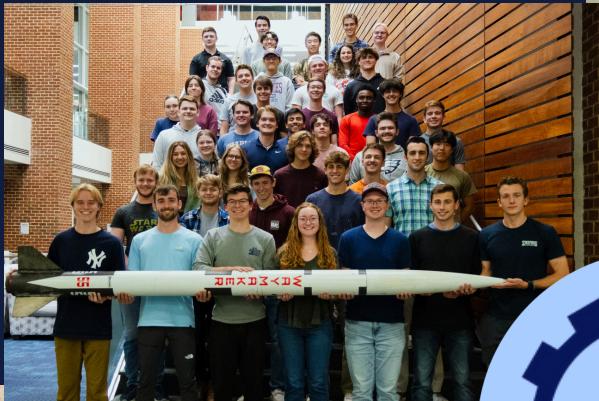


LIBERTY ROCKETRY



COLLEGIATE AEROSPACE
COMPETITION TEAM
SPONSORSHIP PACKET
2025-2026

WHO WE ARE



ENGINEERING EXTRAORDINAIRE

Liberty Rocketry is an elite student-led engineering competition team composed of over 50 undergraduate students from 7 different majors and areas of study. Through determination and relentless innovation, our team of passionate, creative, and hard-working engineers is dedicated to pushing the limits of collegiate rocketry design far beyond its traditional norms. The team is divided into four technical teams - aerodynamics, avionics, payload, propulsion, and recovery - and every member plays a crucial role in the engineering of each rocket, from design to build to launch. We also work tirelessly to provide practical hands-on experience as part of a successful competition team as well as training in new skills that will help our members prepare for their future career. In only three short years since the team began, Liberty Rocketry has grown from a handful of disorganized engineers to one of the most elite aerospace competition teams in the world - and with your help we can go even further!

INTERNATIONAL ROCKET ENGINEERING COMPETITION (IREC)

Liberty Rocketry competes annually in ESRA's International Rocket Engineering Competition - the largest intercollegiate rocketry competition in the world. Every June, over 150 student-led teams from around the world meet in Midland, Texas to pit their wits and engineering prowess against each other in a struggle to design, manufacture, and launch the most stable, most accurate, and most efficient high-powered rocket system possible.



PROJECT GENESIS

In 2023, Liberty Rocketry competed for the first time and placed 39th out of the 158 teams, impressing judges and industry leaders alike as the highest-placing first-year competition team. Performing phenomenally as our first entry in the Spaceport America Cup, Genesis provided our team exceptional experience and a solid foundation to begin our legacy of engineering excellence.

PROJECT WAYMAKER

In 2024, Liberty Rocketry took the competition by storm, placing 9th overall, 5th in our division, and 4th in the country, placing above some of the biggest names in engineering like Stanford, Cornell, Georgia Tech, Purdue, Princeton, Texas Tech, Texas A&M, Rice, and Embry-Riddle, becoming one of the most elite collegiate rocketry teams in the world in only our second year competing.



INTERNATIONAL ROCKET ENGINEERING COMPETITION (IREC)



PROJECT TRINITY

In 2025, Liberty Rocketry competed for the third time, producing a rocket that placed 9th in the world in technical performance and launch results, staying consistent through a quickly evolving high-powered-rocketry competition. Due to a late technical report, the official standing for Trinity unfortunately dropped down to 57th internationally. This has led to team structure changes management improvements across the board, in an effort to solve the administrative issues holding us back from a top 10 placement.

What's Next for Liberty Rocketry?



PROJECT OMEGA

PROJECT OMEGA

With our engineering ability proven twice over, and new organizational improvements in effect, Liberty Rocketry is sure to come back stronger than ever, with our fourth high-powered rocket system - **Omega**. From further developing an unmatched in-house avionics and ground station system to manufacturing experimental airbrake systems and fuel mixtures, we are not only aiming for the top of the International Rocket Engineering Competition, but also developing technology never before used by another team - and we need your help!

By sponsoring Liberty Rocketry, you will be supporting some of the best and brightest minds in the next generation of engineers and aerospace professionals. Our team of ambitious, hard-working engineers is committed to pushing the limits of student-led rocketry design, and with your support, we can make this goal a reality!



2025-2026 TEAM BUDGET

IREC:

- Omega Design and Construction \$20,000
- Custom avionics development \$8,000
- Experimental payload design \$3,000
- Experimental recovery system \$2,000
- Competition travel \$1,000
- \$6,000



Research Initiatives:

- In-house airframe manufacturing \$5,000
- Experimental fuel research and design \$3,000
- Advanced system design optimization \$500
- Air brake system development \$2,000

Team Enrichment:

- Team rocketry certification \$3,000
- Team website and media support \$1,000
- Tools and workplace organization \$5,000

Total:

\$ 39 , 500

BECOME A SPONSOR!

All donations go directly towards enabling Liberty Rocketry to become the best collegiate rocketry team in the world. By supporting us, sponsors will gain direct exposure to some of the most dedicated and promising students in engineering as well as widespread visibility through our international competitions!

Sponsor Tiers	Bronze (\$500+)	Silver (\$1,000+)	Gold (\$2,500+)	Platinum (\$5,000+)
Sponsor logo featured on team website	✓	✓	✓	✓
Access to team resume book		✓	✓	✓
Sponsor logo featured on team apparel		✓	✓	✓
Design and competition progress updates			✓	✓
Social media recognition			✓	✓
Access to team designs and technical report				✓
Large logo and prime location on team merchandise				✓
Company photo launched and recovered at competition				✓

*All donations to the team are tax deductible

Interested in becoming a sponsor?

CONTACT US BELOW!

KADEN NEWSOME

Project Manager

kanewsome3@liberty.edu

DR. OLA-LEKAN SHOBAYO

Faculty Advisor

oshobayo@liberty.edu

FOLLOW US ON SOCIAL MEDIA!

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THANK YOU!