



2026 SPONSORSHIP PACKET



ABOUT US

The UC Rocketry Club (UCRC) is an undergraduate student organization at the University of Cincinnati working to create future leaders in rocketry and engineering.

Our Goal - Develop and launch a rocket capable of reaching the Karman Line, 100km above the Earth.

Our Mission - Foster leadership, technical, and team collaboration skills through the development of high-powered rockets.

- **Est. 2009**
- **50+ Active Members**
- **30+ L1 HPR Certifications**



OUR TRACK RECORD

16 Years of Experience Building Towards **Space**

2009

2018

2019

2025

2030

PRESENT

THEN

- Founding, early launches
- Battle of the Rockets Senior Projects
- Level 1 rocketry certifications

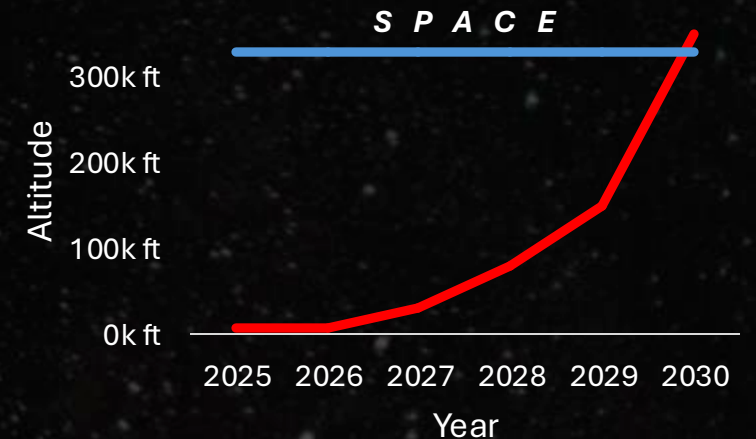


OUR PLAN

- 2026-27: Two-Stage → 30k ft
- 2027-29: 80k → 200k ft
- 2030: 330k ft, Spaceshot!

NOW

- Established L1/L2 certification pipeline
- 300+ students engaged
- Mentorship & structured training
- Altitude-focused projects → Spaceshot initiative



Fall 2025 HARDY DARTY

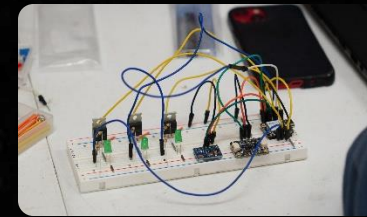
Designed, built and launched in fall of 2025, Hardy Darty was UC's first step towards space and multi-stage flights. The system featured a high-thrust commercial solid rocket motor that accelerated the un-powered second stage before it separated at motor cut-off. This boosted dart architecture was selected to learn the dynamics of staged rockets and gather data to inform future vehicles.

Developed in just 13 weeks, Hardy Darty integrated student-built avionics, mechanical interfaces, composite structures, and advanced simulation & modeling, reflecting our engineering depth and ability to deliver complex systems on an accelerated timeline. The successful launch and recovery of Darty marked our first step towards space and gave us the confidence to begin work on our first two-stage vehicle.



ACCELERATION:

27G



THRUST:

250LBS



VELOCITY:

MACH 1



APOGEE:

9200 FEET



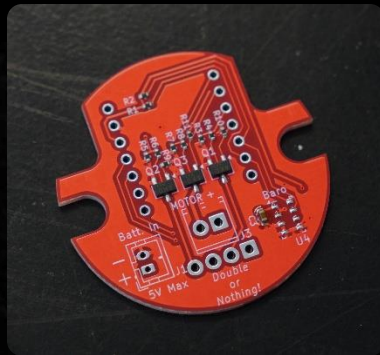
TEAM SIZE:

20+



LENGTH:

5 FEET



APOGEE:

10K FEET



Spring 2026

DOUBLE OR NOTHING

Double or Nothing was UC's first complete two-stage rocket. Building on the success of Hardy Darty, this system was designed to maximize our learning about successful staged flights while providing a foundation for scaling our approach to greater heights.

Double or Nothing featured advanced, student-designed avionics, composite structures, and high-fidelity simulations, all focused on improving our current approaches and our ability to achieve consistent results. The first launch of this vehicle in Spring 2026 provided valuable insights that allowed us to confidently scale both motor and vehicle sizes for future planned vehicles.

Fall 2026

COMING SOON

Building from the data and success of Double or Nothing, our next project aims higher and faster. This aggressive step forward marks the moment we begin scaling our approaches and optimizing our solutions to meet the requirements of a spaceshot attempt.

APOGEE:

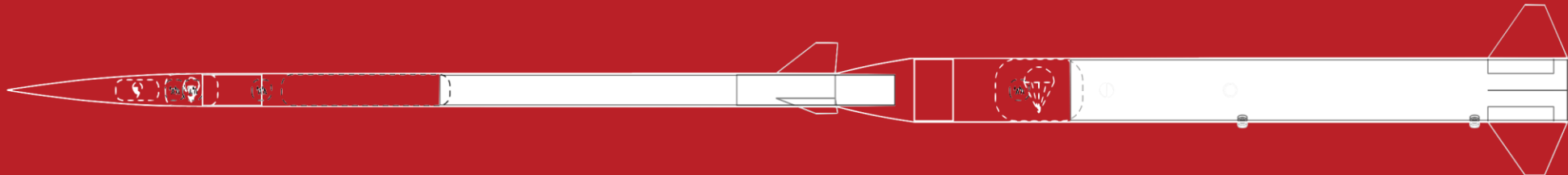
30K FEET

VELOCITY:

MACH 2+

TIMELINE:

15 WEEKS



HOW YOU CAN HELP

Donated funds are crucial to our team's success, supporting the purchase of materials, tools, and components needed for building, assembling, and testing our projects.

Material gifts greatly boost the team's progress and help cut significant costs in our budget. These may include raw stock, electronics, tooling, software, or manufacturing services.

Guidance and mentorship are highly valued, offering critical design or operational feedback while building meaningful ties between our team and industry professionals.



OUR COMPENSATION

	Over \$500	Over \$1000	Over \$3000
Social Media Highlight	●	●	●
Logo on Website	●	●	●
Resume book access		●	●
Logo on Rocket		●	●
Merchandise		●	●
Scale Model of Rocket		●	●
Invite to Launch Day			●
CDR and PDR Access			●



Material, software, or service donation is considered equal to its monetary value.

WHERE TO DONATE

Mail-in Donations

University of Cincinnati
2220 Victory Pkwy
Cincinnati, OH 45206, Room 411



Zelle Bank Transfer



SOCIAL MEDIA LINKTREE

