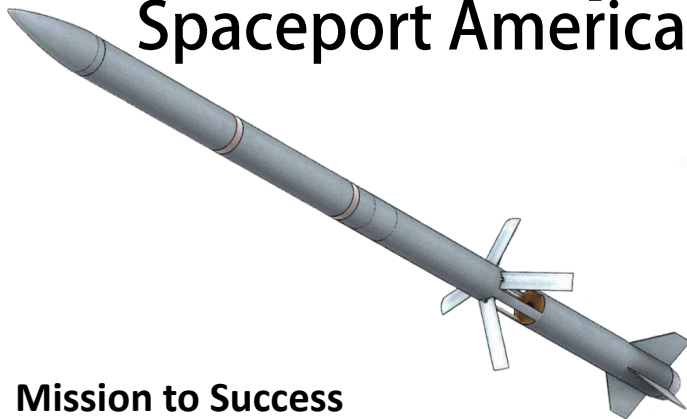


WSU Aerospace Club

Spaceport America Cup 2020



Mission to Success

From the IREC Spaceport America Cup to AIAA Design-Build-Fly, since 1996 WSU Aerospace has a wealth of competition experience and long-standing tradition of excellence. As a result, our alumni are placed at top aerospace companies with the skills to succeed. Our 2019-2020 mission is to win the Spaceport America Competition with a novel design applicable to emerging spaceflight industry.

The Launch Keys

Our first key to success is to incorporate a novel monopropeller system for both air-braking and controlled decent of our rocket that has been developed over the last several years through WSU research. This will sophisticate fine control of our sounding rocket, allowing us to precisely hit 10,000 feet apogee. Our final key to success involves engaging you. There are many ways you can help our efforts described below.

With these key components we plan to win the 2020 Spaceport America Cup!

Our Budget

- Travel Expenses - \$9,000
 - Flight, Hotel, Shipping
- Facility Upgrades - \$3000
 - Workstation, Storage Upgrades
- Competition Fees - \$1200
- Rocket Components - \$6000

Be a Sponsor!

- **Cub Cadet (Tier I)** - \$50+
 - Thank you letter and memorabilia. Listed donor.
- **Gray Flyer (Tier II)** - \$250+
 - Details of where your contribution is going and how it helps us. Signed letter. Plus Tier I.
- **Coug Explorer (Tier III)** - \$1000+
 - Signed picture. Logo on rocket. Team visit. Plus Tier II.
- **Crimson Rocketeer (Tier IV)** - \$3000+
 - Logo prominent on all club media and projects. To scale logo on largest available rocket surface. Detailed thank you letter. Plus Tier III.



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