

AIAA UW-Madison

Newsletter

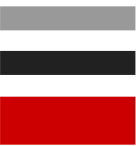
Monthly Newsletter

July 2023



Contents

- ① Cover Page
- ② Year in Review
- ② What's on Tap
- ③ Thank you's
- ③ AIAA Member Information



2022/23 Year in Review

The past year has seen UW-Madison's AIAA chapter venture into uncharted territory, competing in the largest intercollegiate rocketry competition in the world: the Spaceport America Cup. After 9 months of hard work, 9 members of the team traveled to Spaceport America, NM to present a poster and the rocket, network with some of the top aerospace companies in the world, meet and talk with rocketeers around the world, and launch our rocket. Our rocket was 11 ft tall and 6 in. in diameter and flew to an apogee of 8,233 ft: a successful flight. In addition, Wisconsin Rocket Labs used the year to research, plan, design, and begin building a hybrid rocket engine.



What's On Tap?

The main goal for the upcoming school year is to once again compete in the Spaceport America Cup. This year we plan to work in collaboration with Wisconsin Rocket Labs to implement a hybrid engine into our rocket for this competition. We are excited for the opportunity to take what we have learned from last year's competition and go higher, faster, and farther than ever before.



Thank You!



Thank you to the following sponsors for their generous support during the 2022/23 year.

- Mechanical Engineering Department, UW-Madison
- Engineering Physics Department, UW-Madison
- ATA Engineering
- AVCO Valves
- Milwaukee Tool

In addition, we would like to thank and shout out our amazing mentors, Professor Jennifer Choy and Frank Nobile for all their advice, support, and expertise. This year couldn't have been as successful without you all. Thank you!

AIAA Members

For any additional information, please see our website and feel free to [contact our leadership team](#) with any questions. For new members looking to join, look [here](#) for information and steps to join.

[AIAA UW-Madison Website](#)

