



UNIVERSITY OF ALBERTA

AERO DESIGN

SPONSORSHIP

PACKAGE 2023/2024



aeroualberta.ca



aero@ualberta.ca



[aeroualberta](https://www.instagram.com/aeroualberta)



[linkedin.com/company/ualberta-aero-design](https://www.linkedin.com/company/ualberta-aero-design)



TABLE OF CONTENTS

I. ABOUT US	3
II. THE COMPETITION	6
III. IAGO	7
IV. OUR BUDGET	8
V. WHY SPONSOR AERO DESIGN?	9
VI. SPONSORSHIP TIERS	10
VII. CONTACT US	11

ABOUT US

FLYING ABOVE: PURSUING THE PASSION OF AEROSPACE

University of Alberta Aero Design (UAlberta Aero Design) is an interdisciplinary engineering student group that designs and manufactures, from the ground up, an unmanned aerial vehicle (UAV) capable of flying and carrying payload.

UAlberta Aero Design is one of the University of Alberta's oldest engineering student vehicle project groups. Founded in 1985, the club was formed for the purpose of designing and building a competitive airplane to compete in the SAE Aero Design Competition.

Today, UAlberta Aero Design intends to continue its legacy by participating and representing the University of Alberta in the SAE Aero Design Competition.

Our team consists of 20+ undergraduate students comprised of mainly mechanical, electrical, and civil engineering and business students.



OUR MISSION

To provide engineering students with hands on experience as well as provide outreach and create interest in aerospace engineering in the community.

THE COMPETITION

DESIGN. BUILD. COMPETE

The SAE Aero Design Competition hosts students from around the world to design, build, test, and fly a fixed wing radio controlled aircraft. The intention of the competition is to provide the opportunity for aspiring engineers to gain real world, hands-on experience, teamwork, communication, and network with professionals in the industry. SAE Aero Design has three classes: Regular, Advanced, and Micro. Each class has its own set of rules and challenges.

This year, UAlberta Aero Design plans on competing in the Micro class at the SAE Aero Design West Competition located in Van Nuys, California.

01 MICRO CLASS

02 REGULAR CLASS

03 ADVANCED CLASS

“Micro Class is an all-electric class designed to help students balance trades studies between multiple conflicting requirements. e.g. carrying the highest payload fraction possible, while simultaneously pursuing the lowest empty weight possible.” - SAE



IAGO

A look into how our 2022/2023
Micro class plane faired
against 20 teams

36" Wingspan
32.5" Tip to Tail
450 Watt Power Limit
4.2 lbs of Thrust



TECHNICAL PRESENTATION

3

DESIGN REPORT

4

OVERALL

8

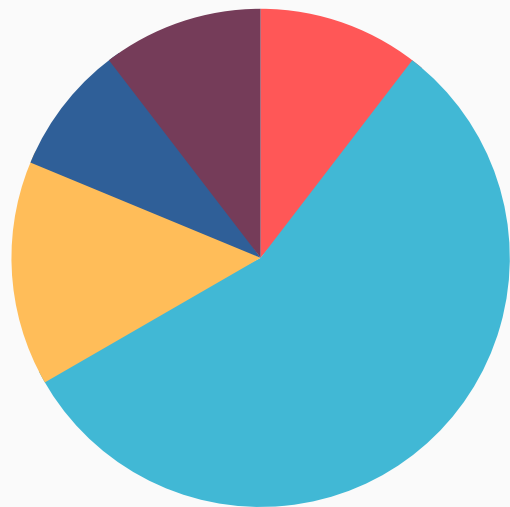
OUR BUDGET


2023-2024

Opportunities are expensive! Last year, UAlberta Aero Design spent over \$18 000 on travel, materials, competition fees, and outreach.

With a growing team and our sights set high, we are expanding our budget and expecting to spend \$24 500. This will allow us to purchase higher quality materials, explore more complex technologies, send more members to competition, and achieve the top 3 performance we are aiming for.

To do this, we need your help! While we receive some funding from the university, UAlberta Aero Design relies on companies like yours for financial support and resources to meet our required budget.



	SAE International Competition fees	\$3 500
	Administration	\$2 000
	Manufacturing	\$3 000
	Travel	\$13 500
	Transport	\$2 500

TOTAL: \$24 500

WHY SPONSOR AERO DESIGN?

EXPOSURE

We will proudly display your brand on our social media, in our reports, on our apparel, and even on the livery of our 2024 Micro class aircraft. Your support will be seen by countless students at the University of Alberta, students from universities around the globe, recent grads, and professionals in the Aviation Industry.



COMMUNITY OUTREACH

UAlberta Aero Design works hand in hand with the community to inspire youth across the province. This includes events like the Canada Wide Science Fair, Alberta International Airshow, and FIRST® Robotics Season Kickoff at the Telus World of Science. You can help us inspire the youth of tomorrow.

















NETWORKING AROUND THE GLOBE

Not only will your company be exposed to promising students at the University of Alberta, but due to the international nature of the competition, your brand will reach hundreds of students from over 45 different universities all passionate about aerospace.



SPONSORSHIP TIERS

	ECONOMY	BUSINESS	FIRST CLASS	PILOT
	(\$250)	(\$500)	(\$1000)	(\$2500+)
WEBSITE				
TEAM APPARAL				
SOCIAL MEDIA POST				
PLANE DECAL				
LIVERY COLOUR				

We appreciate all the help we can get. Here's an idea of what you get with your sponsorship. All sponsorship tiers include parts or services of equivalent values. If you have any questions or requests we would love to hear from you!

CONTACT US

If you have any questions, comments, concerns, or are interested in becoming a sponsor, don't hesitate to reach out. We look forward to hearing from you!



aeroualberta.ca



aero@ualberta.ca



[aeroualberta](https://www.instagram.com/aeroualberta)



[linkedin.com/company/ualberta-aero-design](https://www.linkedin.com/company/ualberta-aero-design)