2025 Sponsorship Package

THE UNIVERSITY OF BRITISH COLUMBIA
Engineering Design Teams
Faculty of Applied Science

UBC
UNCREWED
AIRCRAFT
SYSTEMS

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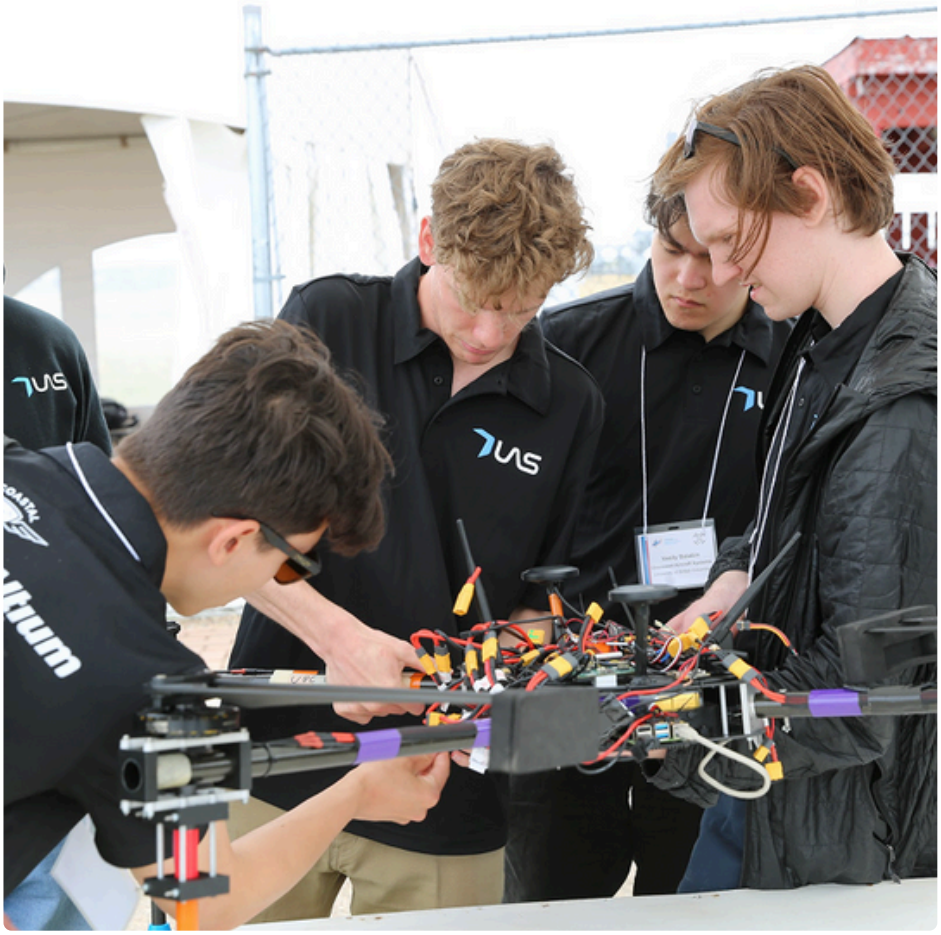
Mission Statement



We are a multidisciplinary UBC design team that specializes in building autonomous drones and their support systems. We aim to push innovation and inspire the next generation of professionals.

Team Overview

With your support, we are building the next generation of leaders in aerospace and high-tech industries.

Creating a comprehensive uncrewed aircraft system requires a diverse group of engineering, science, arts, and business students from around the world. UBC UAS flourishes with a tight-knit team so that every member learns, contributes, and delivers real value. Team members spend between 6 and 15 hours a week designing, manufacturing, testing, and innovating.

Team Structure

UBC UAS takes pride in its autonomous aircraft systems. Team members aspire to innovate as the next generation of leaders in aerospace and high-tech industries. Our team is split into four sub-teams: Aircraft, Payload, Electrical, and Software.

AIRCRAFT TEAM

Responsible for designing, building, and testing our aircraft platforms to ensure reliable flight performance.

PAYLOAD TEAM

Responsible for developing mechanical systems and modules enabling the aircraft to complete mission-specific tasks during competitions.

ELECTRICAL TEAM

Responsible for designing all electrical systems for the drone, including power distribution, payload control, and ground station integration.

SOFTWARE TEAM

Responsible for creating the control, automation, and vision systems that enable autonomous flight and mission execution.

Recent Achievements

Since 2021

6 podiums

7 awards received

10 competitions

2025

2nd Place Overall / *Aerial Evolution Association of Canada*
1st Place Canadian Team / *Student Unmanned Aerial Systems Competition*

2024

3rd Place Overall / *Aerial Evolution Association of Canada*

2022

1st Place Phase 2 Presentation / *Aerial Evolution Association of Canada*
2nd Place Phase 1 / *Aerial Evolution Association of Canada*

2021

Judge's Award / *Aerial Evolution Association of Canada*
2nd Place Phase 1 / *Aerial Evolution Association of Canada*

Highlights of 2024/25

2nd Place

Aerial Evolution of Association of Canada, 2025

Medicine Hat, AB

1st Place

Canadian Team

Student Unmanned Aerial Systems Competition, 2025

St. Mary's County, Maryland

Accomplishments

2025

2nd Place Overall / *Aerial Evolution Association of Canada*
1st Place Canadian Team / *Student Unmanned Aerial Systems Competition*

2024

3rd Place Overall / *Aerial Evolution Association of Canada*

2022

Aerial Evolution Association of Canada

- **1st Place Phase 2 Presentation**
- **2nd Place Phase 1**

2021

Aerial Evolution Association of Canada

- **Judge's Award**
- **2nd Place Phase 1**

2019

3rd Place Canadian Team / *Student Unmanned Aerial Systems Competition*

2018

3rd Place Overall / *Unmanned Systems Canada*

Recent Aircraft

Our drones and fixed-wing aircraft are built on a 1–2 year design cycle, with each model fine-tuned for peak competition performance. Every year, we push the limits of innovation, improving efficiency, reliability, and cutting-edge design.

HYDRONE
WILDFIRE RESPONSE DRONE

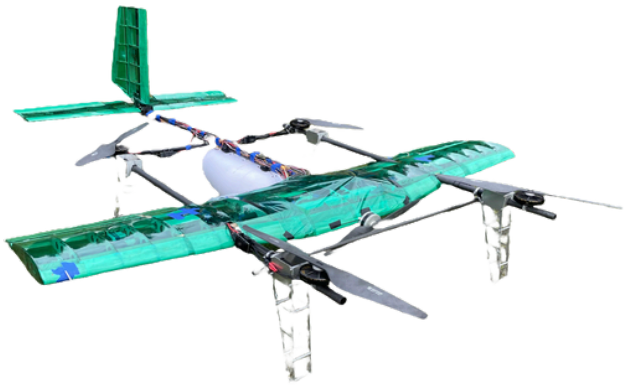
- ✓ Top speed: 50km/h
- ✓ MTOW: 15kg
- ✓ Modular build and payload

ATAKSAK
THREAT REMOVAL DRONE

- ✓ Top speed: 90km/h
- ✓ MTOW: 15kg
- ✓ High-speed auto & manual control

BEETLE
HIGHSPEED VTOL

- ✓ Top speed: 75km/h
- ✓ MTOW: 10kg
- ✓ Vertical take-off technology



ALBATROSS
SCOUT VTOL

- ✓ Top speed: 90km/h
- ✓ MTOW: 12kg
- ✓ Water-resistant

Ground Systems

Our ground systems provide the backbone for safe, reliable, and long-range drone operations. Each system is designed for rapid deployment and maximum performance in competitive environments.

GCATS-17
LONG-RANGE FPV RELAY

ANTENNA MAST
PORTABLE LONG-RANGE LINK

SUNFLOWER
LIVE ANTENNA TRACKING STATION

Your Support

Our work would not be possible without the dedication and generosity of our sponsors. Their contributions provide the resources we need to design, build, and compete at the highest level. Sponsorship enables us to focus on engineering challenges, expand student learning, and showcase UBC's innovation on an international stage.

Equipment and Materials

Our aircraft, payload, and ground control systems demand the highest quality equipment to ensure safety, reliability, and mission success. Contributions of equipment, materials, or time directly accelerate our progress, allowing our team to focus on advancing design, testing, and innovation. Access to the right resources enables us to meet technical challenges efficiently and maintain steady project development.

Competition Expenses

Competition travel and accommodations make up the majority of our financial needs. We plan on sending 8 team members to this year's competitions in Ottawa, Ontario, and St. Mary's County, Maryland. These events provide critical opportunities to validate our designs, refine our systems, and benchmark our progress against other leading teams.

Sponsorship Benefits

Any contribution – financial or in-kind – is deeply valued and makes a direct impact on our team's success. All sponsors are recognized with the benefits listed below, with opportunities for additional collaboration available. We are also happy to tailor benefits, such as quarterly updates or in-person visits, to align with your company's goals and interests.

Sponsorship Benefits	Title ($7500+)	Gold ($3000+)	Silver ($1000+)	Bronze ($500+)
Logo on website and team banner	✓	✓	✓	✓
Logo on team apparel	✓	✓	✓	
Social media shoutout	✓	✓	✓	
Sponsor visits and personal engagement	✓	✓		
Logo on competition aircraft	✓	✓		
Naming rights to competition aircraft	✓			

Current Sponsors

Thank you for all your support!

Title

Faculty of Applied Science
THE UNIVERSITY OF BRITISH COLUMBIA

Gold

onshape

ATLASSIAN

Altium

COASTAL DRONE CO.

Silver

Walter H. Gage Memorial Fund

CubePilot

ZABER

Bronze

docker

SIMNET

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