

Design Build Fly

Team University of Washington

Sponsorship Information

2022-23



Letter from the Chief Engineer

Dear Potential Sponsor,

My name is Caleigh, and this will be my second year serving as the Chief Engineer for Design Build Fly at the University of Washington. Over the course of my three years on DBF, I have personally seen the growth and development of DBF at UW, and the members who are a part of it. This past year, our team saw its best year yet, placing 9th out of 97 teams who entered, and we have no plans of stopping there.

As we look to next year, we take our team mission, educate and compete, to heart. While we strive to win competition, we believe that it is also our job to enhance the education of undergraduate engineering students at all levels of experience through hands-on design, manufacturing, and testing experience often not taught in the classroom.

Whether sponsors provide monetary or material donations, the team relies heavily on these contributions to drive our team to success. This document provides more resources on who are team is, what we do, and how you can support us. Please feel free to contact me or our business lead with further questions; any support that can be provided is greatly appreciated. On behalf of Design Build Fly at the University of Washington, thank you for your time and consideration of sponsoring our team.

Sincerely,

Caleigh Stagnone

A handwritten signature in cursive script that reads "Caleigh Stagnone". The signature is written in a dark grey or black ink and is positioned below the typed name.

Contact Information



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 facebook.com/uwdbf

 [@dbf_uw](https://instagram.com/dbf_uw)

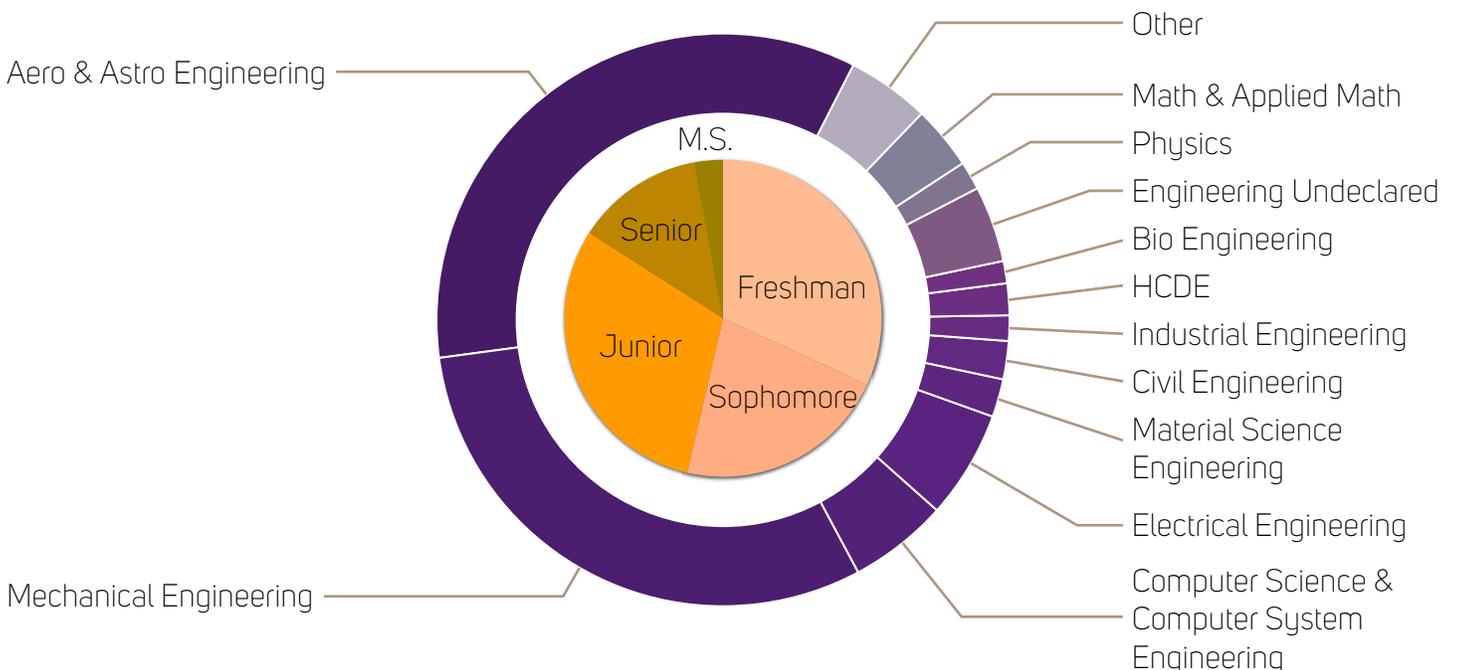
 linkedin.com/company/dbfuw

What is DBF UW ?



Design Build Fly Team University of Washington (DBF UW) is a student-operated aeronautical engineering organization that participates in the AIAA Design Build Fly Competition. Each year, the competition releases requirements of an aircraft designated for a civilian or military mission, and the team engages in a product development cycle similar to that in the aerospace industry, providing students with a wholistic experience of aircraft design, manufacturing, and test flight.

DBF UW distinguishes itself from other DBF teams by its emphasis on education and participation besides competitiveness. Serving the motto "Educate and Compete", the team encourages students of all backgrounds and knowledge levels to pursue skills and experience, preparing them for industry. The following chart is our demographic.



Team Composition

Aerodynamics Team • Responsible for the external geometry of the aircraft.
• Predicts performance through CFD, wind tunnel, and flight tests.

Avionics & Propulsion Team • Configures optimal propulsion system.
• Designs avionics suite for telemetry and data collection.
• Writes test flight programs for performance validation.

CAD Team • Documents aircraft and aircraft components.
• Integrates components across all sub-teams.

Payload Team • Designs features of mission and payload operations.
• Maximizes points scored by payload.

Structures Team • Designs all load bearing components.
• Evaluates structures through FEA.

Business Team • Balances expenditure and income.
• Manages sponsorships and fundraisers.

Marketing Team • Creates brand presence with digital media.
• Connects with companies for events such as recruitment.



Why Sponsor DBF UW

Business Promotion



Your company will be featured in team promotional materials including aircraft livery, social media, and select team merchandise.

Your company will be recognized by the team's members and followers and will be visible at the DBF competition to over 100 universities across the globe.

Your company will be credited with our success.

Student Education



Sponsorships enable the team to access more advanced materials, parts, and manufacturing processes comparable to those adopted by industry.

This not only increases the team's competitiveness, but also improves the education the team provides----it raises the quality of expertise and experience that the students obtain during their stint with the team.

Recruitment



By sponsoring DBF, your company will have effectively raised a pool of talented young engineers with experience working in large-scale aeronautics projects and skills relevant to your demands.

Your company will have direct access to these engineers who will have proven themselves in competition and are keen to work for you over other companies thanks to your sponsorship.

Types and Uses of Sponsorship

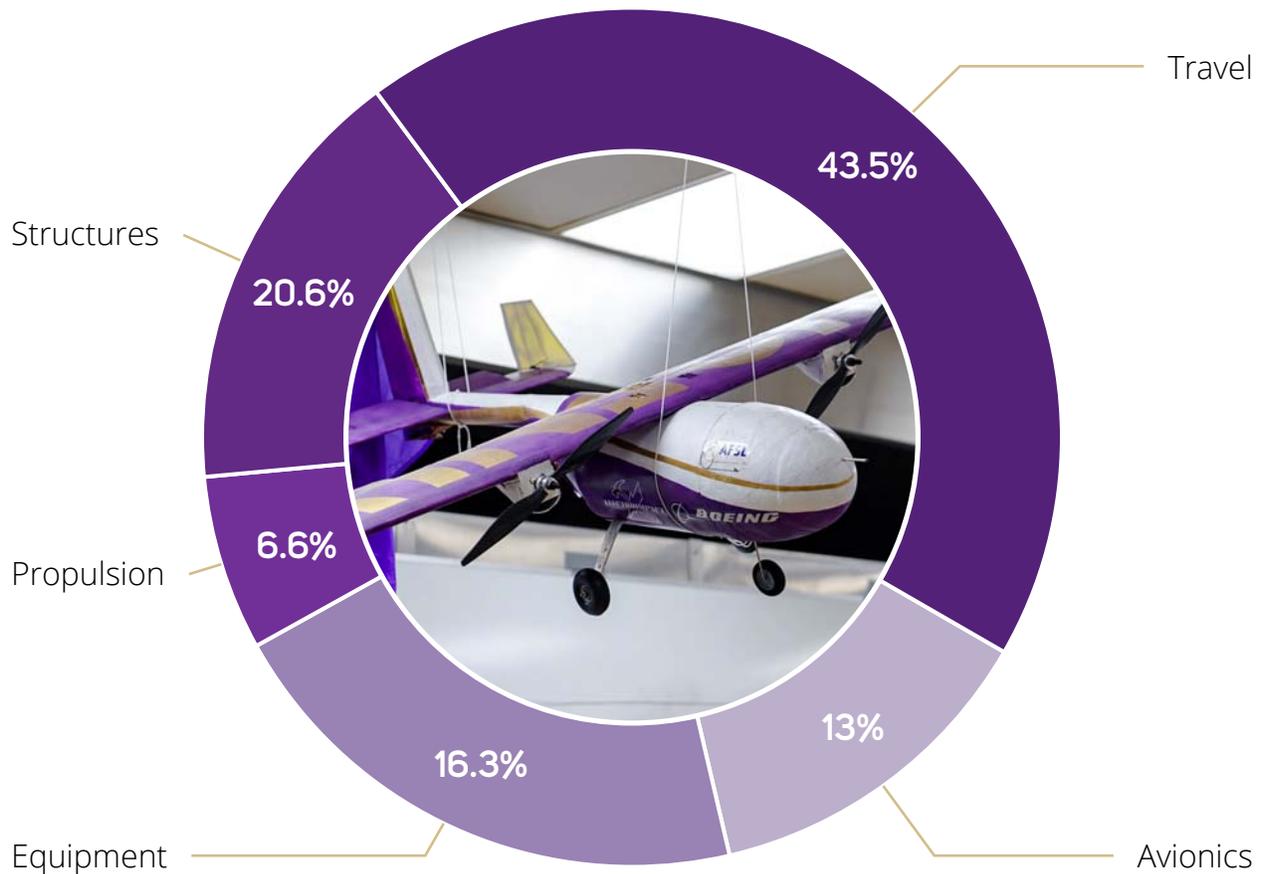
Sponsors of DBF UW are organized into two categories----

1. Technology Sponsors who supply the team with materials, parts, equipment, or licenses to help secure a competitive advantage.

2. Monetary Sponsors who provide funds or means to help the team sustain operations such as R&D, manufacturing, flight test, and travel to competition.

We guarantee that all sponsorships will be used not only to develop and optimize our aircraft, but also to teach our members industry standards and knowledge that will help them become better engineers.

With consideration of market prices and the team's needs, sponsorship funds will be distributed approximately following the cost-projection chart below unless specified by sponsors.



Tiers of Sponsorship

As the higher value* of your sponsorship enables the team to pursue greater opportunities, we offer you increasing perks from our marketing team as gratitude.

\$500

PURPLE

Features in credit section in short films, enterprise team wear, competition aircraft livery, website, and welcome post on social media.

\$1000

BRONZE

Purple + Additional feature post on social media.

\$2000

SILVER

Bronze + Prioritized display placement on aircraft livery and team wear.

\$4000+

GOLD

Silver + Features on all outwear.
Additional short feature film.

Join Our Roster of Sponsors

Monetary Sponsors

'TORAY'
Innovation by Chemistry

W
AERO&ASTRO


BOEING

 **JANICKI**

Ansys


ELECTROIMPACT


EVIATION

nTopology


AFSL


SOLIDWORKS


MARC
MARYMOOR RC CLUB

magnix

Technology Sponsors

APD


TEAM BLACKSHEEP
SERIOUS TOYS

SMC

MATEKSYS

APC
PROPELLERS

 **E-MOTOR**
HOBBY


RADIOMASTER


IFLIGHT
— Where dreams can fly —

EMAX

Thank You for Your Interest



Our team depends on sponsors like you to fund our mission. With these resources, we can develop the engineering talent of our members and compete against the best universities in the world.

By supporting our team and our efforts to provide opportunities for students of all backgrounds, you are ensuring that the future of aerospace is taken up by a new generation of avid engineers, ready to push the bounds of aircrafts even further.

Thank you for your consideration, and we hope that you will join us in our mission to support the engineers of the future.

