

SPONSORSHIP Prospectus

Bay Area, CA

Contact irvingtontarc@gmail.com

About Us

Introduction

IHS Aerospace is the Bay Area's premier club dedicated to all things that fly. We innovate and build new aerospace projects that push the bounds of what we once thought were possible. We collaborate with teachers, colleges, and industry mentors to enhance our understanding in the subject, and to share it with others.



Cutting Edge

As a competitive finalist during 2024 American Rocketry Competition, we are more than confident we will reach new horizons during the 2025 year. We use brand new technology as well as completely new approaches. We aspire to win the grand prize of \$100,000!

Ambitious Together!

Our team consists of some of the best experts in their field. Our 10 person competition team is supported by a multitude of collaborators. We accepted applicants from all over the bay area. Our team is diverse, reliable, professional, and accomplished.



Why Us?

Build Brand Awareness

We share our projects on our website, social media, and weekly newsletter with hundreds of views a week.





Community Engagement

We engage with the 100+ students at our high school, as well as students at multiple elementary and middle schools in out city.

Event Hosting

We're on track to host events with colleges, comapnies and orgs like AIAA in the bay to share our passion for Aerospace, provide opportunities for students to explore and present new projects, technoliges and get them career-ready!

Projects

American Rocketry Challenge (ARC)

- Largest U.S. student rocketry competition
- Inspires STEM interest, teaches physics & engineering, fosters teamwork.
- Student design, build, and launch rockets to precise altitude & time.
- Weight, height, and propulsion limits; payload (raw egg) must land safely.
- Supported by NASA, Lockheed Martin, Boeing, Raytheon, and industry mentors.
- Promotes innovation & problem-solving.



NASA SLI

- National research-based rocketry competition for high school and college students.
- Teams design, build, and launch highpowered rockets with scientific payloads.
- Requires technical reports, reviews, and presentations to NASA engineers.
- Rockets must meet altitude, safety, and payload requirements.
- Encourages innovation, teamwork, and real-world engineering experience.





Unmanned Aerial Vehicles

- Involves designing, building, and deploying UAVs for wildfire detection and monitoring.
- Uses thermal imaging, infrared sensors, and AI to detect heat anomalies and smoke.
- Requires knowledge of aerodynamics, remote sensing, and data analysis.
- Enhances early detection, tracking, and response to wildfires in remote areas.
- Encourages STEM learning, innovation, and problem-solving in disaster management.
- Supported by schools, universities, government agencies, and tech companies.

High Altitude Weather Balloons

- Involves designing, building, and launching high-altitude balloons (HABs) for research.
- Reaches altitudes of 60,000–120,000 feet, collecting atmospheric and scientific data.
- Requires knowledge of physics, meteorology, electronics, and GPS tracking.
- Common payloads include cameras, sensors, and experiments on temperature, pressure, and radiation.
- Encourages hands-on STEM learning, teamwork, and problem-solving skills.
- Supported by schools, universities, NASA, and aerospace organizations.



Perks

Recruitment	Startup \$200	Gold \$350	Diamond \$500	Partner \$1000
Member emailing list				
Member Resume Book				
Send Recruiters at events!				
Engagement				
Sponsored activites for members				
Sponsored Social Media posts				
Provide product licenses for potential long term users			s 📀	
Give a talk or workshop			1	2
Branding Logo on website and presentations		>	•	Ø
Company Banner and Logo on Shirts				
Logo on rockets, planes and all proj	iects		 • •	0
"Co-hosted by" on all materials				
Special sponsorship deals/arrangements can be discussed over email if you contact us				
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Still have questions? We would love to get in touch!

Email us at:

hello@ihsaero.space

