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2025-2026 PROSPECTUS SPONSORSHIP

5

TAX DEDUCTIBLE
SPONSORSHIP
PACKAGES

THE SKY IS NOT

THE LIMIT

PROJECTS IREC.
TORITO.
TRIPOLI.

AWARDED 2025
NORTHROP
GRUMMAN FOR
ROCKET DESIGN

@USFSOAR
+2200 FOLLOWERS
+500 MEMBERS

LEARN MORE 
NEW SEASON. EXCITING PROJECTS.

UNIVERSITY OF SOUTH FLORIDA
13317 USF PLUM DR, TAMPA,
FL 33612

2025-26

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Get to know us.

Who are we?

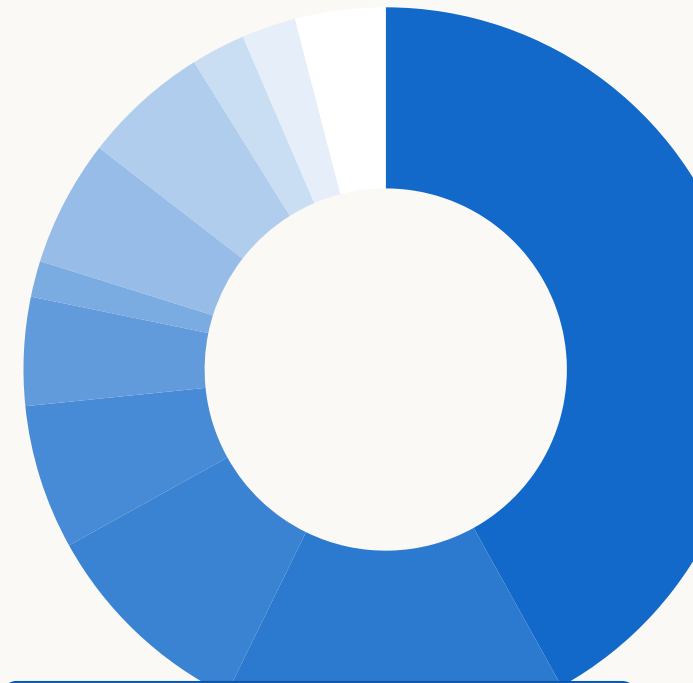
The **Society of Aeronautics and Rocketry (SOAR)** at the **University of South Florida** is a student-led, non-profit organization **established in 2013** by a group of passionate and driven undergraduate engineering students. Since then, our organization has grown quite a bit...

Instagram Followers +2200	LinkedIn Followers +400
Discord Members +1000	Registered Members +500

The Sky is Not the Limit.

We have three projects:

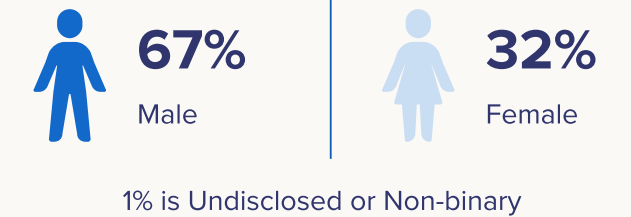
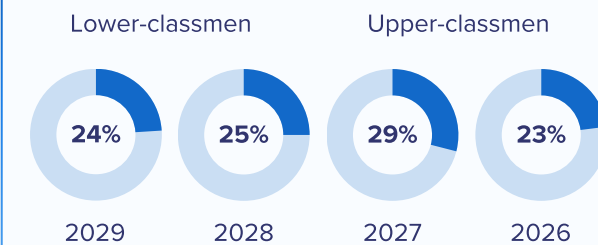
- International Rocketry Engineering Competition
- Torito Liquid Propulsion
- TRIPOLI Rocketry Association, Inc. Certifications



Member's Major Breakdown

Mechanical Engineering	46.4%
Computer Science	14.9%
Computer Engineering	8.02%
Electrical Engineering	6.29%
Chemical Engineering	4.72%
Civil Engineering	5.51%
Industrial Engineering	5.51%
Cybersecurity/IT	2.36%
Physics	2.36%
Business	3.93%

Class



Recent Awards

- Northrop Grumman Award | May 2025
for excellence in the design and construction of a high-powered rocket and scientific or engineering payload
- Most Innovative Project | April 2025
for design of airbrakes at the Ecouncil Engineering Banquet held by USF College of Engineering

SOAR's mission is to aid and encourage the safe pursuit of aerospace and rocketry through hands-on projects. SOAR provides a space for students to apply classroom knowledge to real-world projects, navigate engineering challenges, and gain meaningful hands-on experience. By bringing together talent from diverse disciplines, we can foster a dynamic, collaborative environment where creativity, teamwork, and determination propel us forward. **At SOAR, we believe the sky is not the limit... it's just the beginning.**



INTERNATIONAL ROCKETRY ENGINEERING COMPETITION

The IREC Competition is a prestigious event that challenges teams to design, build, and launch high-powered rockets. It is the world's largest intercollegiate rocketry competition. The competition brings our team together to compete in the 10,000 foot SRAD category. The competition requires nearly 1,000 pages of reports and documentation, and includes technical design reviews, safety inspections, and ultimate flight demonstration. In years prior, SOAR has developed and delivered payloads such as visual odometry algorithms, radio frequency command modules, rover deployment systems, and more.

The previous school year marked a historic achievement: the flight and recovery of Prometheus, USF's most advanced high-power rocket to date. **Prometheus** was outfitted with **airbrakes** and a **functional payload**, completing NASA's Payload Challenge and earning recognition, courtesy of **Northrop Grumman**, for "excellence in the design and construction of a high-powered rocket and scientific or engineering payload."



Aerostructures

The Aerostructures Team is responsible for **designing, manufacturing, and assembling** the rocket's main **structural components**, including the body tube, nose cone, fins, and couplers. They run aerodynamic simulations, optimize the rocket's structural integrity, and manage recovery systems like parachutes to ensure safe and successful flight.

Payload EECS

The Payload Team **integrates all electrical systems, sensors, and onboard payloads** inside the rocket. They design all of the PCBs, program the electronics, and ensure smooth data collection and transmission. Their work combines innovation and precision, ensuring that payload objectives are met and that critical flight systems operate flawlessly.

Payload Mech

The payload mech team is responsible for designing, manufacturing, and assembling the payload. This includes components such as rover structures, rigid aluminum housing, defined cable management, as well as creating and manufacturing of CubeSat structure.

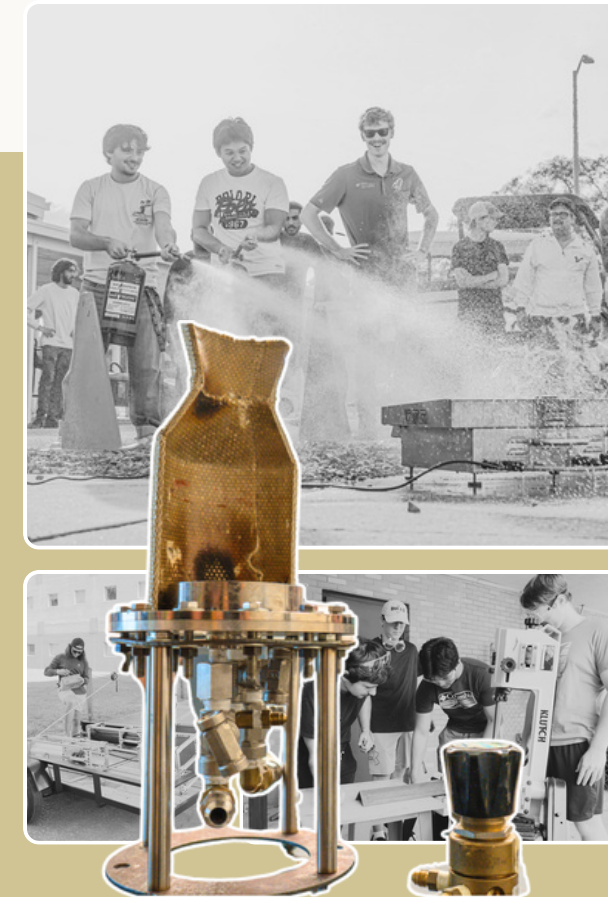
Telemetry

The Telemetry Team **designs and manages the real-time communication systems** that **relay flight data** from the rocket to the ground. They develop both hardware and software solutions to track altitude, velocity, and onboard conditions, providing essential insights for mission monitoring and post-flight analysis.

TORITO LIQUID PROPULSION

The Torito Liquid Propulsion Team is engineering a versatile test stand designed for high-cadence, high-reliability cold flow and static fire operations. The current testing pipeline features two student-designed engines alongside the Mojave Sphinx, an open-source bipropellant engine developed by Half Cat Rocketry. Serving as an activation pathfinder, the Sphinx is instrumental in validating systems as the team transitions toward full operational status.

With one successful cold flow test already complete, the team is scaling operations for a rigorous schedule of static fires in the coming semesters. The ultimate milestone is the full-scale development and launch of a liquid bipropellant vehicle at either the International Rocket Engineering Competition (IREC) or the FAR 10c-per-foot Challenge.



Aerostructures

The Aerostructures Team is responsible for fabricating the **rocket's airframe, nose cone, fins, fabrication of flight propellant tanks, and key structural interfaces**. They ensure the rocket's stability through CAD design, structural analysis, and hands-on machining. They also handle integration of payloads, propulsion components, and recovery systems, ensuring the rocket is flight-ready and structurally sound.

Propulsion

The Propulsion Team **designs and implements the liquid propulsion system**, including engine design, plumbing, propellant feed systems, and integration. They develop detailed P&ID schematics, select compatible materials, oversee plumbing assembly, and lead the development of the rocket engine to deliver maximum performance.

Test Stand

The Test Stand Team **designs, builds, and maintains the ground infrastructure** needed for static fire tests. They create the mechanical frame, integrate mounts and safety features, and ensure the stand can handle expected thrust and pressure loads. They work closely with the propulsion and DAQ teams to ensure seamless integration for hotfire testing.

Ground Station

The Ground Station Control Team **oversees all remote-control systems for test operations**. This includes setting up the electronics, developing the control software, and managing wireless/wired communication between the ground station and the test stand. They ensure the team can operate systems safely and efficiently during testing, from a secure distance.

MEMBER DEVELOPMENT & COMMUNITY ENGAGEMENT

At SOAR, member development goes far beyond engineering design. We provide technical meetings from both the International Rocketry Engineering competition and Torito Liquid Propulsion teams with professional events, social gatherings, STEM outreach, and Tripoli rocketry certifications. Together, these activities create a comprehensive experience where students grow as engineers, leaders

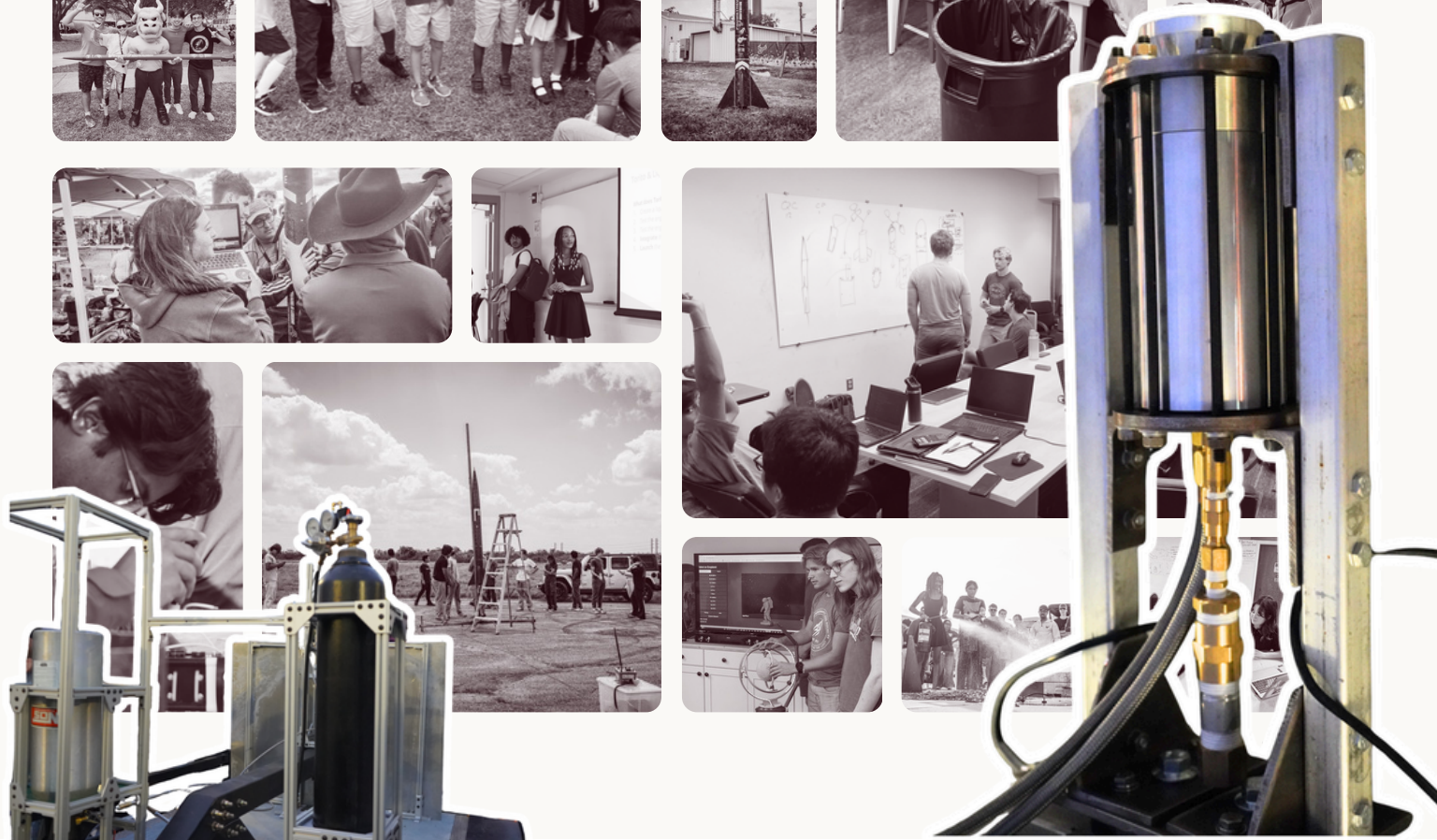
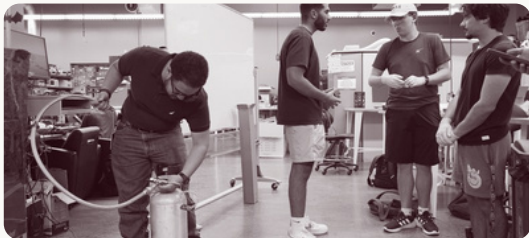
Technical Workshops

Professional/Company Events

Social Gatherings

STEM K-12 Outreach

Tripoli Certifications



SPONSORSHIP TIERS

PLATINUM TIER \$10K +

General Benefits

- Digital Thank-you Letter from Eboard
- Invitation to rocket launches and testing
- **LARGE** Logo featured on SOAR website and club shirt
- Invitation to all IREC and Torito Design Reviews (once per semester)
- Framed Team Photography
- Invitation to the Advisory Council
- Custom SOAR Plaque

SOAR End of Year Thanks

- End of Year Thank You Letter from Team
- Framed and Signed Team Photograph
- SOAR Merchandise
- Signed SOAR Apparel from the Entire Team
- Mini 3D Model of the Rocket

Recruitment Opportunities

- Job Board on Discord
- Student Resume Database Access
- Private Recruiting Workshop
- Organized Company Tour for Members

Branding Opportunities

- End of Year Shout-out
- **LARGE** Logo on SOAR website
- **LARGE** Logo on Newsletter
- **LARGE** Logo on team shirts
- **LARGE** Logo on Sponsors Banner
- **LARGE** Logo on rocket
- Mid-Year Shout-out
- Solo Company Spotlight

GOLD TIER \$5000

General Benefits

- Digital Thank-you Letter from Eboard
- Invitation to rocket launches and testing
- **MEDIUM** Logo featured on SOAR website and club shirt
- Invitation to all IREC and Torito Design Reviews (once per semester)
- Framed Team Photography
- Custom SOAR Plaque

SOAR End of Year Thanks

- End of Year Thank You Letter from Team
- Framed and Signed Team Photograph
- SOAR Merchandise
- Signed SOAR Apparel from the Entire Team

Recruitment Opportunities

- Job Board on Discord
- Student Resume Database Access
- Private Recruiting Workshop
- Organized Company Tour for Members

Branding Opportunities

- End of Year Shout-out
- **MEDIUM** Logo on SOAR website
- **MEDIUM** Logo on Newsletter
- **MEDIUM** Logo on team shirts
- **MEDIUM** Logo on Sponsors Banner
- **MEDIUM** Logo on rocket
- Mid-Year Shout-out

SILVER TIER \$2000

General Benefits

- Digital Thank-you Letter from Eboard
- Invitation to rocket launches and testing
- **SMALL** Logo featured on SOAR website and club shirt
- Invitation to all IREC and Torito Design Reviews (once per semester)

SOAR End of Year Thanks

- End of Year Thank You Letter from Team
- Framed and Signed Team Photograph

Recruitment Opportunities

- Job Board on Discord
- Student Resume Database Access
- Professional Workshop Collab.

Branding Opportunities

- End of Year Shout-out
- **SMALL** Logo on SOAR website
- **SMALL** Logo on Newsletter
- **SMALL** Logo on team shirts
- **SMALL** Logo on Sponsors Banner
- **SMALL** Logo on rocket
- Mid-Year Shout-out

BRONZE TIER \$1000

General Benefits

- Digital Thank-you Letter from Eboard
- Invitation to rocket launches and testing
- **SMALL** Logo featured on SOAR website and club shirt

SOAR End of Year Thanks

- End of Year Thank You Letter from Team
- Framed and Signed Team Photograph

Recruitment Opportunities

- Job Board on Discord
- Student Resume Database Access

Branding Opportunities

- End of Year Shout-out
- **SMALL** Logo on SOAR website
- **SMALL** Logo on Newsletter
- **SMALL** Logo on team shirts
- **SMALL** Logo on Sponsors Banner
- **SMALL** Logo on rocket
- Mid-Year Shout-out

ALACARTE

Naming the Rocket - **\$2500**

Career fair table - **\$350**

Naming the Payload - **\$1500**

Branded Team Hats - **\$800**

Resume Book - **\$500**

Sponsor an Event - **\$500**

HOW TO SPONSOR US!

SOAR is a Registered Student Organization under USF Policy 6.017. With this, an account with the USF Foundation, the primary method of contributing money to specific causes at USF, has been set up as a form of payment for USF SOAR sponsorship. Sponsorship payments to the chapter are **tax exempt** through the USF Foundation, due to the USF Foundation being a **501(c)(3) non-profit**.

STEP ONE

When you are set on becoming a sponsor, please fill out the **SPONSORSHIP FORM** on the next page (page 9) and email it directly to **usfsoar@gmail.com**. During the completion of the form, you will be asked for a method of payment. Please reference the information below to select a method of payment that your company is most comfortable with.

STEP TWO

Payment Method A (through USF Foundations): This form of payment is through the USF Foundation website, and is tax exempt under the USF Foundation, a 501(c)(3) non-profit.

1. When you are set on becoming a sponsor, please fill out the SPONSORSHIP FORM on the next page (page 9) and email it directly to usfsoar@gmail.com. During the completion of the form, you will be asked for a method of payment. Please reference the information below to select a method of payment that your company is most comfortable with.
2. Go to the [USF Foundations](#) Website
3. Make sure **"USF Society of Aeronautics and Rocketry(SOAR)" Fund #220111** is selected
4. On the left side, please enter a gift amount that matches the sponsorship tier that the company is interested in.
5. Click the bright green **"Add this gift."** button.
6. Scroll down and fill out the Credit Card Billing Information section. Please select the **"This is a Corporate Gift"** and **"This is a Business Address"**.
7. In the Other Information section, please note that it is a sponsorship the company is providing, and include the level of sponsorship. Then click **"Give Now"**!

Payment Method B (Physical Check): This is tax exempt through the USF Foundation, a 501(c)(3) nonprofit. Please make checks payable to "USF Foundation" and mail to the following address.

USF Foundation

4202 E. Fowler Avenue, ALC100
Tampa, FL 33620, USA

In the Memo field of the check please write **"Fund # 220111"**.

STEP THREE

We will send a receipt and a sponsorship benefits packet that details how to maximize the benefits of sponsorship, along with subscribing the contacts provided to our monthly sponsor update newsletter. We may also contact the provided contacts regarding artwork and information for us to carry out promotions and marketing.

SOAR SPONSORSHIP 2025-2026

COMPANY INFORMATION	
Company Name	
Company Address	
City	
State	
Zip Code	

PRIMARY CONTACT	
Name	
Phone	
Email	

SECONDARY CONTACT	
Name	
Phone	
Email	

SPONSORSHIP INFORMATION		
	PLATINUM	\$10 000
	GOLD	\$5 000
	SILVER	\$2 000
	BRONZE	\$1 000

METHOD OF PAYMENT	
USF FOUNDATIONS	
PHYSICAL CHECK	

A LA CARTE OPTIONS		
	NAMING THE ROCKET	\$25 00
	NAMING THE PAYLOAD	\$10 00
	BRANDED TEAM HATS	\$8 00
	SPONSOR AN EVENT	\$35 0
	RESUME BOOK	\$5 00
	CAREER FAIR SPOT	\$35 0

TOTAL	
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THANK YOU!

We are truly grateful for your interest, and we look forward to the opportunity to work together and SOAR higher than ever! If you have any further questions or would like to discuss the details further, please do not hesitate to reach out to us. We are more than happy to provide any additional information that you may need.

CONTACTS US

EMILY HO | VICE PRESIDENT

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PHONE: +1 (813) 503-2355

VALERIA MELENDEZ | CHIEF OF OPERATIONS

Email: vmelendezclaudio@usf.edu

Phone: +1 (813) 716-2021

SOAR GENERAL

Email: usfsoar@gmail.com

Instagram: [usfsoar](https://www.instagram.com/usfsoar)

Website: usfsoar.vercel.app

SCHEDULE A MEETING WITH US

Reach out to Emily and Valeria for a meeting time.

