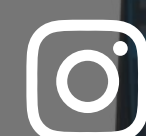





#FlyFromWithin

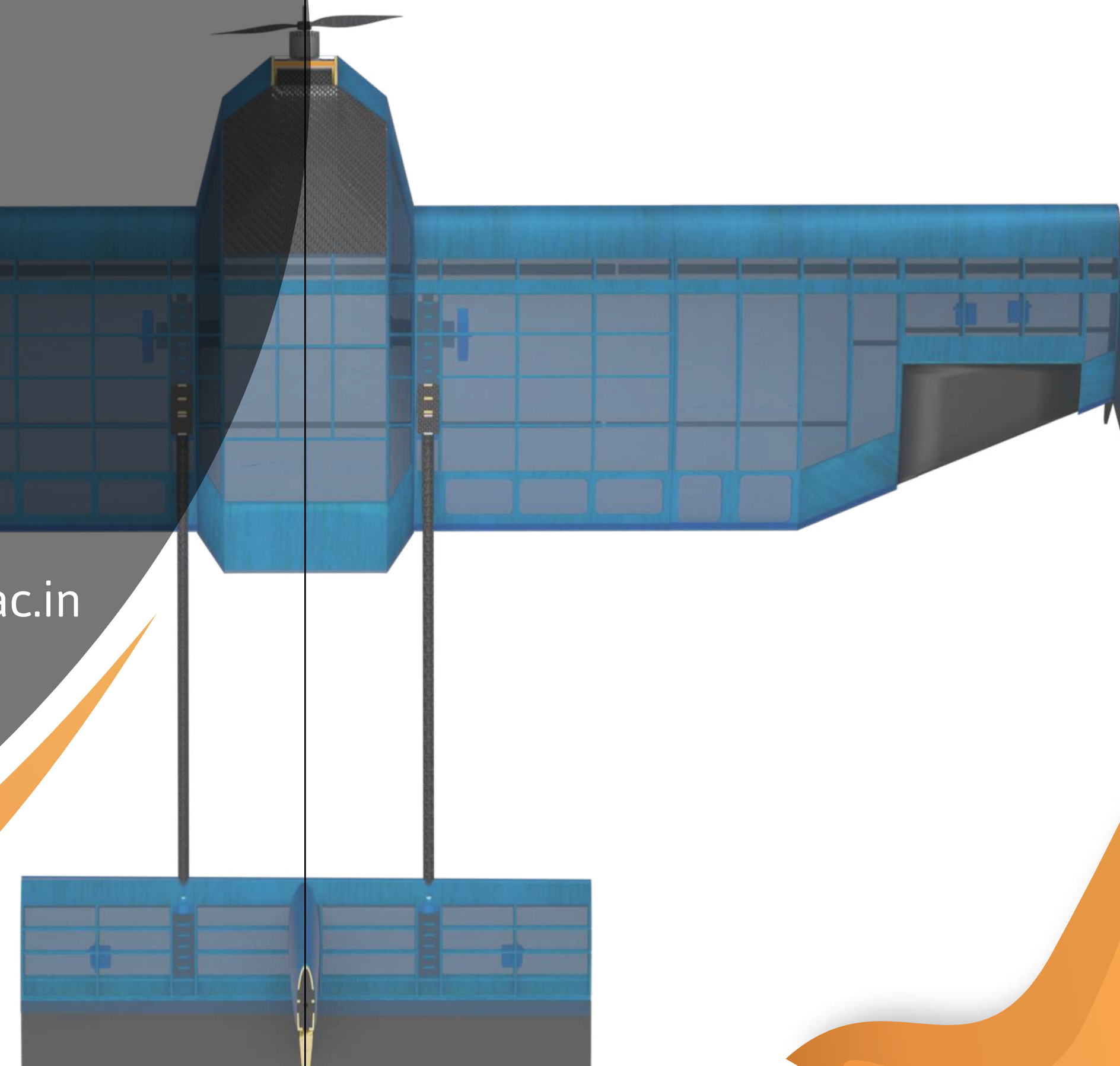


CONTACT US

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For More info:



Assailing Falcons a highly esteemed member of SAE International, is a student organized team of diverse and talented individuals with a shared passion for aerodesign. Our team's primary objective is to foster the growth and advancement of students, equipping them with rare and valuable practical knowledge and expert guidance. Through our endeavors, we aim to facilitate the students' educational journey, enhance their technical expertise, foster accomplishment, and refine their skill sets.

SAE AERO DESIGN

SAE AERO DESIGN is a real-world design challenge that exposes participants to the nuances of conceptual design, manufacturing, system integration/test, and sell-off through demonstration.

THE MISSION STATEMENT

The **primary objective** of the advanced class is to develop systems that support firefighting efforts by delivering water and vehicle parts. Mission success is the key focus, achieved through understanding diverse requirements, employing system-level engineering principles, and executing robustly.

WHY US?

Our team distinguishes itself from others through our unwavering commitment to perfection and excellence. Since our inception in 2010, we have constantly evolved and attained a diverse range of accomplishments, propelling us towards greater heights. Also managing to maintain our position as the No.1 team in Asia for nine consecutive years, this remarkable ascent would not have been achievable without the unwavering support and motivation provided by our sponsors.

Through our exceptional performance in the world's largest aero design competition, we garner significant attention, placing us prominently among the top-ranking teams. This achievement effectively showcases our sponsors, elevating their brand presence at numerous national and international events.

SOME OF OUR PAST FLAGSHIPS



AQUARIUS 2023
RANKED 3RD IN
DESIGN REPORT

TRIDENT 2022
RANKED 3RD
WORLDWIDE



AIRAVAT 2020
RANKED 3RD
WORLDWIDE

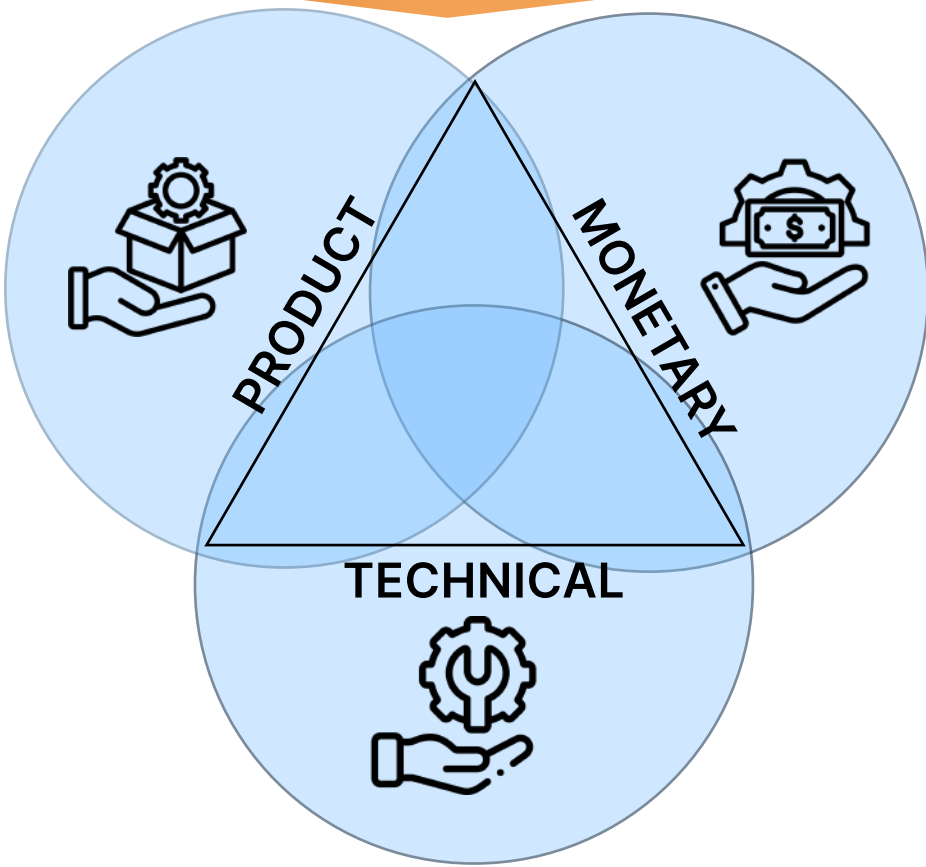
NAUTILUS
1ST BI-PLANE
MANUFACTURED BY
FALCONS



FLAGSHIP 2023

Aquarius is a single motor propelled mid wing aircraft with a semi-tapered planform, airfoil fuselage and twin boom conventional tail, designed to lift 11 pounds. Aquarius flies with a cruising speed of 42 ft/s. It is designed to deploy a powered autonomous delivery aircraft which delivers a fully autonomous ground transport vehicle and water as payload.

HOW TO SPONSOR US



OUR MISSION

As a team, we aim to grab the highest laurels for the country and construct aerodynamically efficient aircraft. As a team we not only reach the goal of our mission statement, but also intricate ourselves with the depths of knowledge and research for further field development. We passionately work to create airplanes that surpass competition standards, aiming for capabilities beyond the norm.

OUR SPONSORS

