



MICRORAPTOR

2019 RESULTS


DEZEMBER • 2019

MICRORAPTOR UFJF TEAM

ABOUT THE PROJECT



The Microraptor team was founded in 2011 at Juiz de Fora Federal University. Since then, it develops an inovator Aerodesign project year after year, bringing together engineering and other university courses students. The finality is to dissaminate aeronautical engineering technology and promote knowledge exchange among the team members.



**WE IMPACT THE LIFE OF
SEVERAL STUDENTS THAT
ARE SEARCHING FOR
AERONAUTICAL KNOWLEDGE
AND PROFESSIONAL
QUALIFICATION**



The SAE Brasil Aerodesign competition gathers 95 universities from all over the country, and also receives foreign guests, in order to consolidate the strength of the brazilian aeronautical sector.

Organized by EMBRAER Engineers, the mission is to build an unmanned cargo aircraft of military profile and perform the maneuver L.A.P.E.S. - Low Altitude Parachute Extraction System - where a parachute draws a cargo from inside the aircraft, and transport cargo with large volums.

IDEALIZATION OF THE CHALLENGE



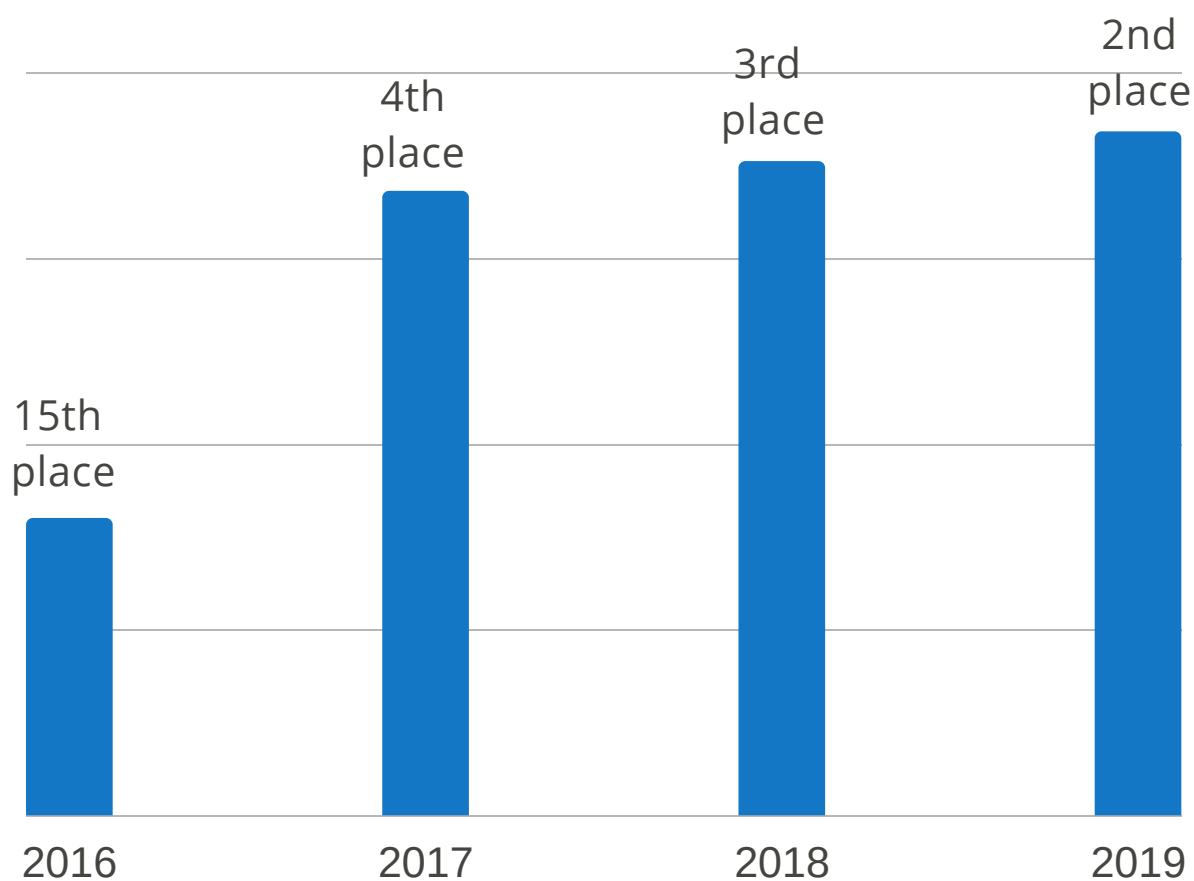
MISSION FULFILLMENT - MICRORAPTOR TEAM





During the last years, the Team has been reaching great strides with a new culture: **optimization, innovation and qualification.**

Constant development is the challenge faced daily by Microraptor





FINANCIAL

Since 2017, counting on new partnerships, the financial investments have been increasing, making it possible to use high confiability and performance products. Besides that, the training of the members and organization management are targets of investment.

65%

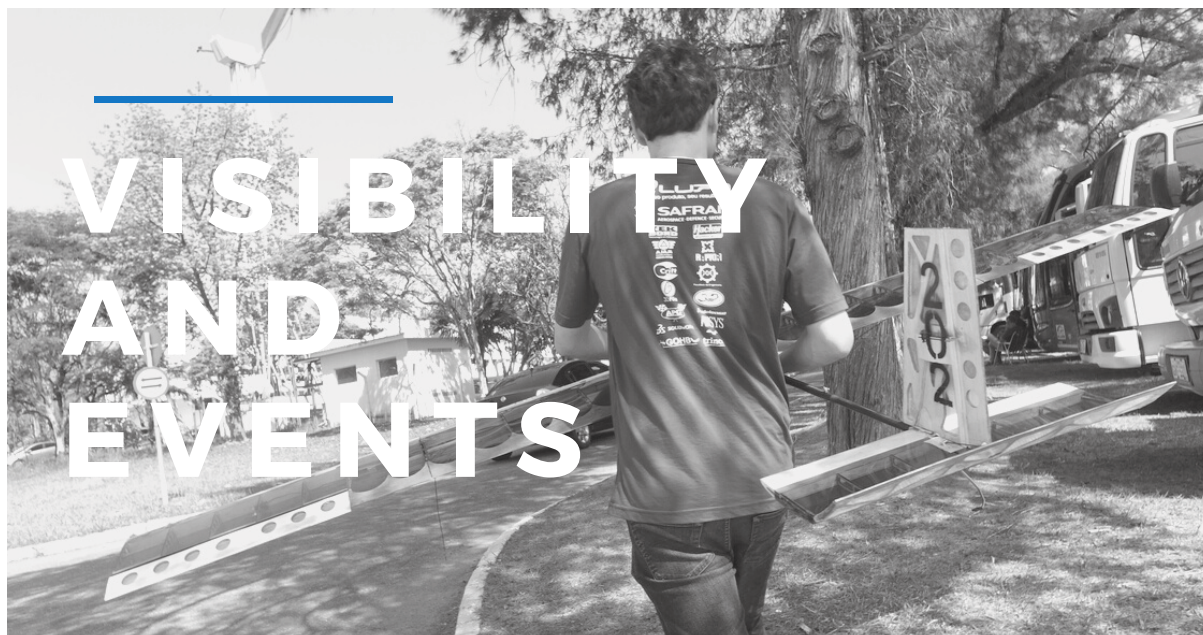
INVESTMENT
INCREASE IN THE
LAST 3 YEARS



**HONORABLE MENTION
BEST ORAL
PRESENTATION**



**HONORABLE MENTION
BEST FLIGHT
LOW DENSITY
MISSION**

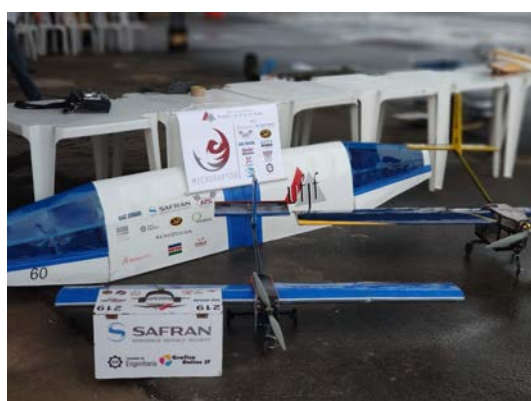


During the year, the Microraptor actively participates in several events of technical and expository character.

Events related to engineering bring the commitment to disseminate the knowledge acquired and incentivize innovation through studies and applications.

The Team ministers software workshops highly utilized in aerospace sector, with practical examples from this universe.

Furthermore, expository events are made to present the team's work to academic community and population in general.



AEROFEST (AVIATION EVENT)
20K PEOPLE
JUN/2019



COMPETITION
NATIONAL JOURNAL
GLOBO CHANNEL
NOV/2018



TV INTERVIEW
GLOBO CHANNEL
NOV/2019

On numerous occasions, the project and the sponsors are exposed, mainly in social medias, university campus and classical communication media.



MARKETING STRATEGY

Sponsor Microraptor helps a large student community to achieve excellency in professional career. This idea is daily emphasized among the team.

EVENTS

Academic community:
Engineering Weeks and Meetings, Innovation Week, Open Doors Campus, etc.

Outside university:
Exposure in our city, Juiz de Fora, and related events to aviation.

SOCIAL MEDIA

Instagram, Facebook and Youtube receive divulgation of sponsorships and project progress.

Exclusive promotional videos are published according to sponsorship plan.

PROFESSIONALS

With the results, the Microraptor Team has a great reach inside the Engineering Faculty and University.

Constantly, the sponsors are divulgated to the engineers of the future.



CUSTOM AIRPLANE

During the competition, that gathers more than 1300 students, a custom airplane with sponsors logos is exposed.



TRANSPORTATION BOXES

Boxes used to transport tools and airplane parts are covered with sponsors and exposed in every event that the team participates.



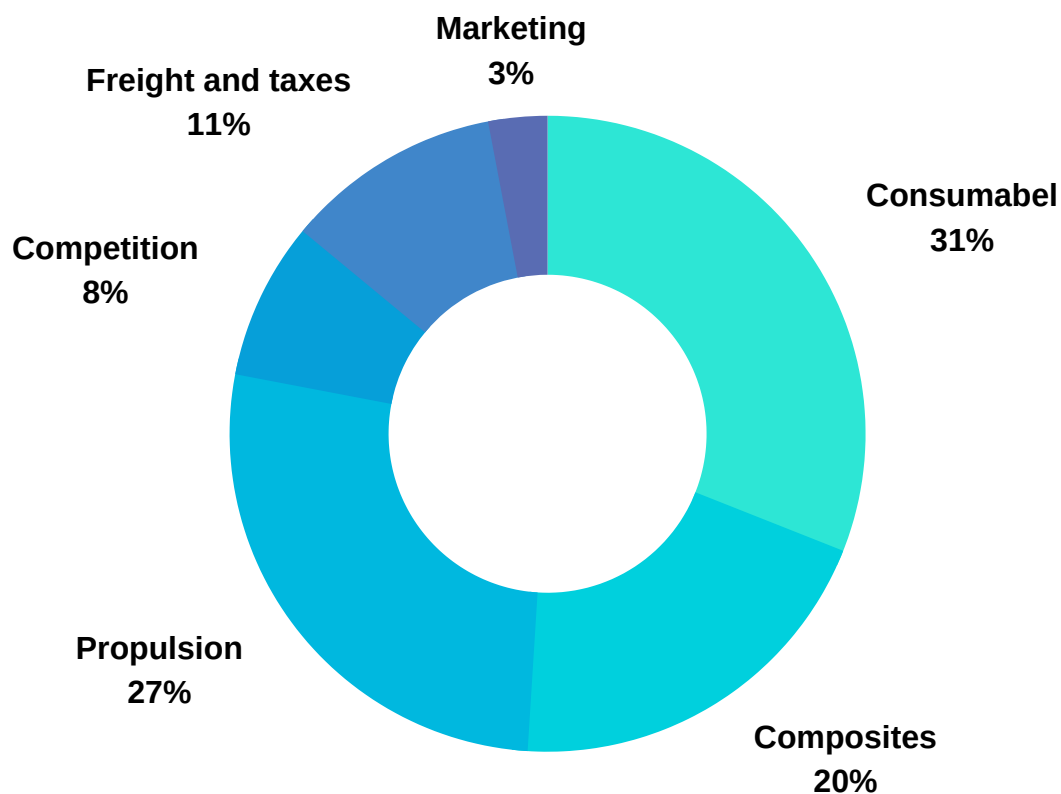
BANNER

The sponsor is inserted in the Team banner from the moment that the sponsorship contract is confirmed.



UNIFORMS

The uniforms used daily by the members are composed by the main sponsors and supporters.



2019

TOTAL HANDLED
R\$ 22.118,51
(US\$ 5.383,73)



For a student, participating in a project as complete and multidisciplinary as Microraptor's is not easy. You have to give up many things and have unparalleled dedication.

As a reward, we are led to unavailable classroom knowledge and life-long experiences, whether personal or professional.

Bringing the best results of its history to the team for the third year in a row shows us that we have chosen the right principle to follow: courage. We go through many challenges daily, always committed to the highest standard and never forgetting the Team Spirit.

To our supporters, who had the courage to sponsor research, development and vocational training: all these achievements are yours too.

Thank you for believing in our work.



nosso produto, seu resultado.



Redelease



Faculdade de Engenharia



2019 RESULTS



MICRORAPTOR UFJF

CONTACT

SEND TO US AN EMAIL:
MICRORAPTOR@ENGENHARIA.UFJF.BR
MICRORAPTORUFJF@GMAIL.COM

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