

Microgravity Environment Using Sounding Rockets

AeroSpacefy L.L.C. is a US space engineering company that provides microgravity services. The company is a spinoff of the Brazilian Orbital Engenharia S.A.

Key Capabilities

Space Systems Design, Analysis, Development, Assembly, Integration, and Tests.

System Engineering

Ground Support Equipment.

We Provide Suborbital Microgravity Experiments

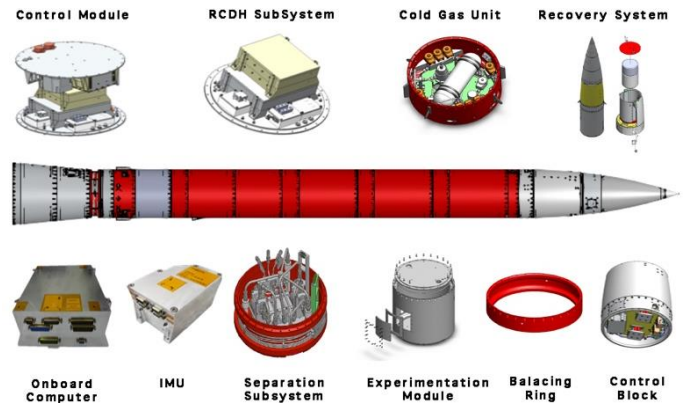
The Suborbital Microgravity Platform allows experiments in microgravity using sounding rockets.



AFFORDABLE, ADVANCED, AND MORE THAN 19 YEARS OF FIELD PROVEN SPACE SYSTEMS

Aerospacefy provides advanced solutions for government, academic, and commercial markets

We are a new chapter in space technology



We are proud to have a specialized team to Design, Analyse, Develop, Integrate, and Test space systems.

The Suborbital Microgravity Platform carries scientific experiments for testing in microgravity environments when launched by sounding rockets.

Suborbital Microgravity Platform (SMP): Technical Specifications

Number of experiment modules: Minimum of 2 and maximum of 5 experiment modules.

Apogee: Ballistic trajectory with an apogee of 186 miles (300 km).

Experiment mass: Each experiment can reach a total mass of 66 lbs (30 kg) and the total experiments mass shall not exceed 165 lbs (75 kg).

Acceleration: Longitudinal peak acceleration of 33 lbs (15 kg).

Microgravity period: 6-8 min.

Shelf life: 5 years (except batteries).

CONTACT

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