

ORBITAL

ENGENHARIA

Defense & Space

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COMPANY DESCRIPTION

Orbital Engenharia is a Brazilian company for 20 years, providing state of art engineering solutions for the Defense and Space markets, complying with international quality standards, through its knowledge of high qualified professionals supported by modern tools, well established engineering manufacturing processes and certified quality management system.

Orbital is a supplier of strategic projects for Brazilian Armed Forces, also is specialized in System Engineering services related disruptive and innovative technologies design, development, manufacturing, assembly, integration and verification.

The company is the sole supplier of space power generation hardware for large, medium and small satellites for the Brazilian Space Program.



Created in 2020 AeroSpacefy LLC is a spinoff of Orbital Engenharia S A located in Puerto Rico, US.

MAIN PRODUCTS & SERVICES

Platform, Payload and Vehicles

- Advanced Defense Systems
- Space Systems and Equipment
- RF Design for Communications Satellites
- Prototypes and Technology Proof of Concept Development
- Platform and Payload System Engineering Services
- Assembly and Integration Services
- Suborbital Microgravity Platform
- Liquid Rocket Engine
- Pressurized Feeding System for Liquid Rocket Engine
- Pressure Regulator
- High Performance Drones

Ground Support Equipment

MAIN PRODUCTS & SERVICES

Space Solar Power Solutions

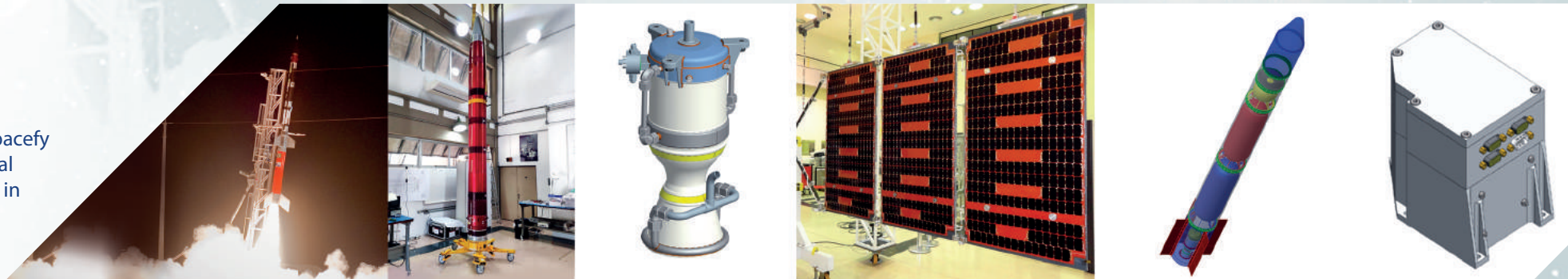
- Solar Array Generators
- Electrical Power Subsystem

Flight Control

- Inertial Navigation System for Launch Vehicles
- Inertial Measurement Unit
- Onboarding Electronics for Sounding Vehicles
- High Precision Timed Event Sequencer

Environmental Monitoring

- Global Radiometer
- Environmental Digital Data Logger



MAIN CERTIFICATIONS



TECHNOLOGY PARTNERSHIP INTEREST

Orbital is interested in partnerships that can bring innovative technology in the Brazilian Defense and Space markets:

- Satellite Spacecraft
- Commercial Offset programs
- Transfer of Technology as receiving part
- Service partner
- Licensed production of hardwares
- Joint development of Defense/Space technologies.

