



SIDEREUS
Audentes Fortuna Iuvat



EOS

Single Stage To Orbit

Height: 3.5m
Wet Mass: 1.8t

Propulsion System

Propellant: LOX/Bio-Kerosene
Thrust: 25kN
ISP: 295s (weighted)

Payload Capacity

550km SSO (To/From): 10Kg
LEO (To/From): 13Kg

Launch with us!

At Sidereus Space Dynamics, we're committed to making space accessible and affordable for everyone. We are proud to be leading a growing team of talented and dedicated engineers and technicians who are working tirelessly to bring our revolutionary orbital launch vehicle to the world.

Our **SSTO** launch vehicle is designed to be user-friendly, reliable, and affordable so that anyone can use it to deliver and recover payloads from space.

Fully Customizable Missions

High-precision deployment for accurate constellation positioning and fast replenishment of individual satellites. The payload bay can be fully customized on demand.

Launch Any Time Any Where You Can

A few days of mission preparation and a high launch frequency, with close to zero launch infrastructures.

EOS As Your Orbital Test Platform

Direct exposure to space environment in extreme micro-gravity conditions. In Orbit demonstration and validation of new technologies. Rely on EOS data, telemetry, and power.

Payload Orbital Re-Entry

Recover your payload from any orbits safely after up to 1 month of orbital operations.



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