Company Overview

- SpaceShipTwo
- LauncherOne
Space Experiences
SpaceShipTwo
Only 553 people have ever been to space
View of Our Planet from Space

Experience Weightlessness

Exhilarating Ride

Fulfilling a Dream
# Suborbital Research Payloads

<table>
<thead>
<tr>
<th>Suborbital Research Payload Capability</th>
<th>Maximum Pressurized Usable Volume</th>
<th>Microgravity Time</th>
<th>Microgravity Quality (g)</th>
<th>Maximum g-load</th>
<th>Maximum Apogee</th>
<th>Flight Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>1300 lbs. (600kg)</td>
<td>500 ft(^3) (14 m(^3))</td>
<td>3-4 minutes</td>
<td>10(^{-3}) to 10(^{-5})</td>
<td>~5</td>
<td>110km</td>
<td>Daily</td>
</tr>
</tbody>
</table>
Satellite Launch

LAUNCHER ONE

[Image of rockets in space]
Fast Growing Smallsat Market

Smallsat Market

On Contract

39 satellites
With option for 100 more

Over 12 satellites
in science & tech

Ref: Spaceworks
Air Launch

Highly Responsive

Sample Mission Profiles Shown: Additional Capabilities Possible

300 kg to SSO

500 kg to LEO
NewtonThree
73,500 pounds thrust
LOX/RP-1 Pump-Fed Engine

First Stage
72 inch Outer Diameter
Composite Structure

NewtonFour
5,000 pounds thrust
LOX/RP-1 Pump-Fed Engine

Second Stage
59 inch Outer Diameter
Composite Structure

Payload Shroud
Composite Structure

Multi-Payload Configuration
Possible Payload Shroud
Composite Structure

LauncherOne Configuration
Emerging Commercial Space Industry
Commercial companies benefit NASA, and NASA benefits commercial companies. The relationship is complementary, not competitive.
Together, we open space to change the world for good