

In 2018, a total of 88 satellites were launched with 616,000 wasted pounds of cargo space left over.

The current market value of that waste is \$1,355,200,000.

Researchers cannot currently launch a small satellite for less than \$1 million.

- CargoBay will be the first online auction house that pairs satellite launchers with researchers who will bid on their unused cargo space.
- Sellers amortize the high cost of the launch while buyers gain access to the cutting edge of material science, telescropy, and communication.



Our Team:



Gentry Atkinson
CEO
Researcher in
Computer Science



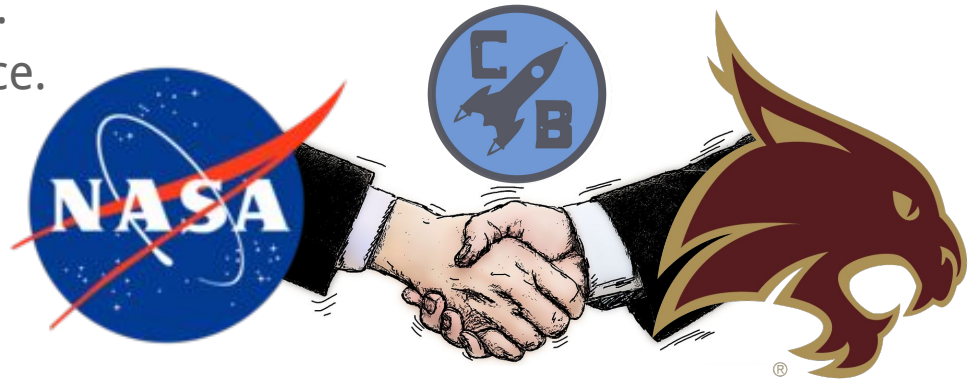
Randy Brandle
COO
Actual astronaut



Norma Franton
CTO
Web Designer of
great repute

How CargoBay Works:

- A large organization like a government or telecom plans a launch and determines the amount space that will go unused in their launch vehicle.
- The seller posts their flight plan and timeline of the launch to CargoBay.
- Researchers and hobbyists can then bid on the posted space with a price, the required poundage, and a description of their hardware.
- The seller can accept or reject bids based on price, availability, and their assessed safety of the hardware.
- CargoBay collects 2% of sale price.



Example Hardware:

- 1-100 lbs per unit.
- 3-12" per side
- Can be built with stock hardware for a few thousand dollars.
- Need to be radar recognizable for FCC.

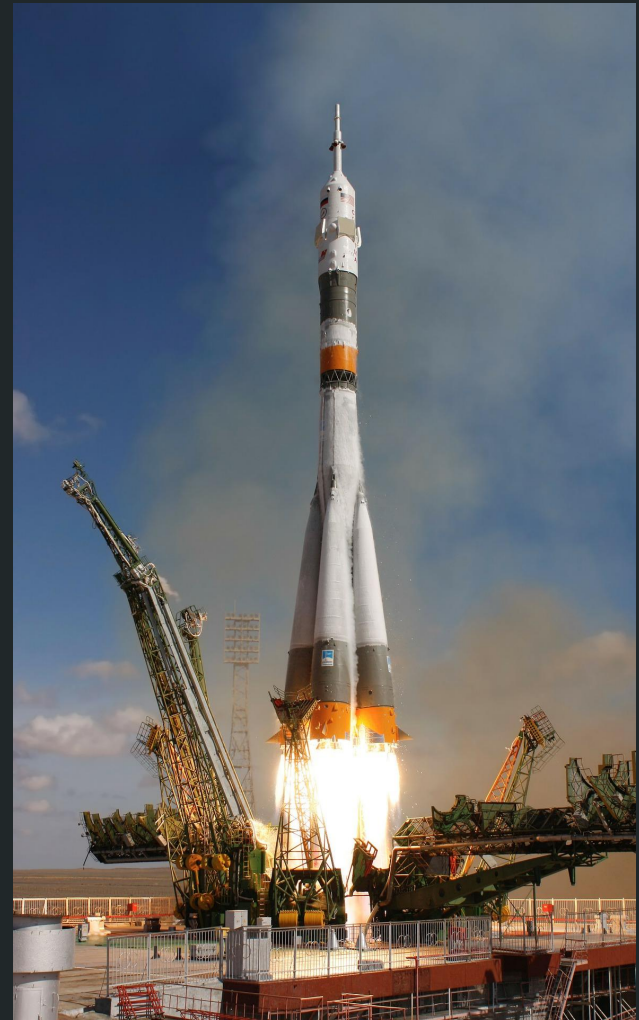


Norwegian Cubesat, NCube-2

CC BY 1.0,
<https://commons.wikimedia.org/w/index.php?curid=399865>

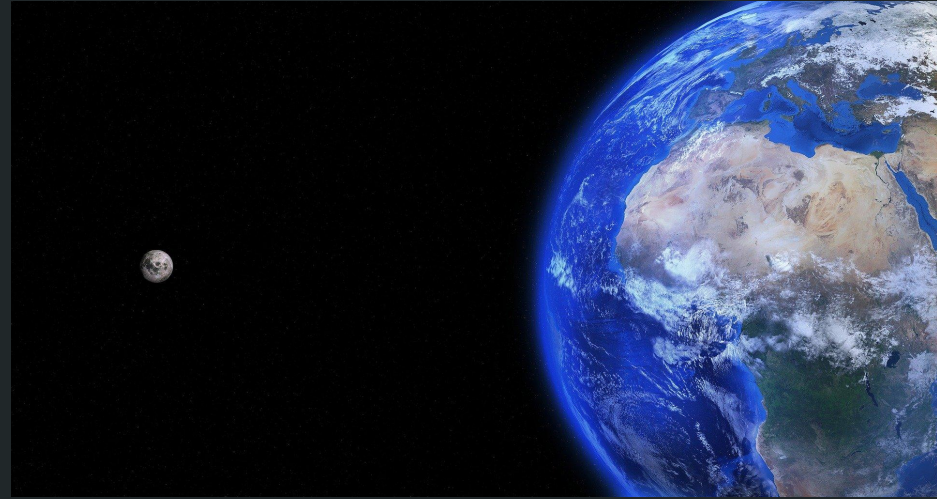
Availability of Sellers:

- A Falcon9 rocket from SpaceX can lift 22,000 lbs into orbit.
- The heaviest communications satellite launched in 2018 weighed roughly 15,000 lbs.
- At \$2200/lb this is \$15,400,000 that could offset the cost of the launch.



Availability of Buyers:

- University spending on academic departments increased 85% in the decade 2000 to 2010.
- Federal contributions to research are \$34 billion annually.
- The median NSF research grant is \$141,000.



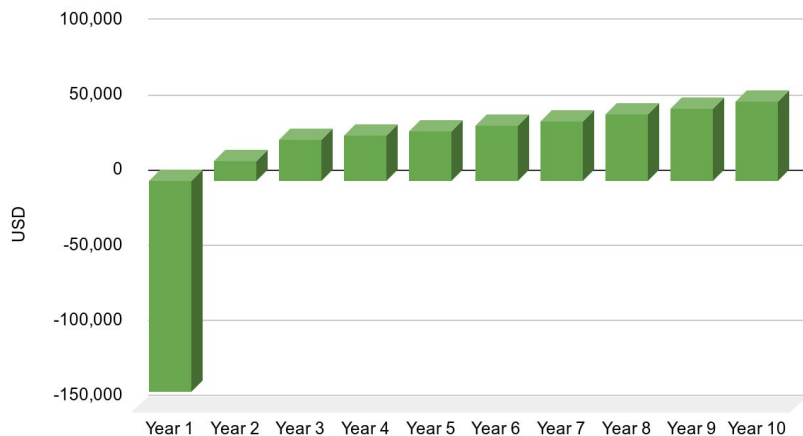
Impact:

- Progress in research.
- More frequent space flights.
- Increased access for all people to Earth orbit.

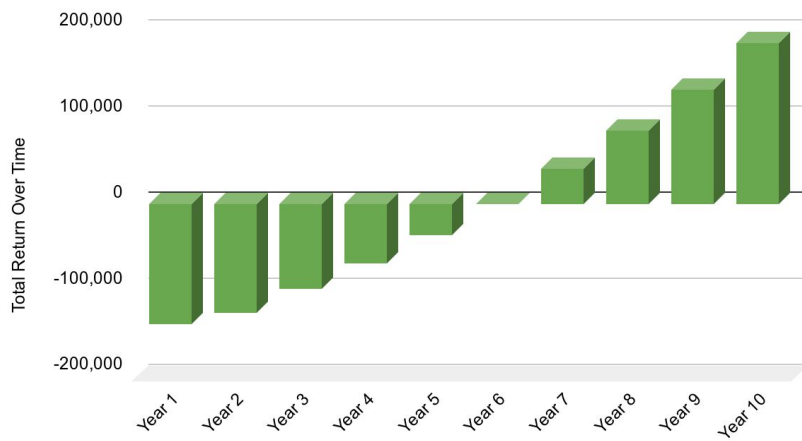


Projected Revenue:


Net Profit Over Time



Total Return Over Time



Projections based on \$2200/lb sale price with 2% collected by CargoBay with first sale at 6 months.



[Home](#)
[Blog](#)
[Flights](#)

Comunicom: 2300 pounds available.

Target Altitude: 170km

Launch Vehicle: Falcon 9

Launch Data: June 20, 2020

Launch Location: Boca Chica, TX

Sold










1432 lbs

Dr. Randal Brandonberg, University of Alberta
32 lbs at \$7000
Cubesat with expanding solar panels and cold gas propulsion system.

The Austin Radio Telemetry Club, Austin, TX
5 lbs at \$11000
Open form factor with trailing radio antenna and fixed solar panels. No propulsion.

Material Research Lab, University of Houston
28 lbs at \$80000
Open capsule with several novel materials intended for vacuum exposure. Parachute and cold gas propulsion.

Competitive Advantage:

	EBay	SpaceX Rideshare	CargoBay
Specific information exchanged			
Bidding Process			
Focused on space flight			

CargoBay is democratizing space exploration.

We are seeking \$240,000 in initial capitalization to make this vision real.