

TURNING POSSIBILITY INTO
CAPABILITY ON ORBIT



WE BUILD & LAUNCH ROCKETS & SATELLITES TO PROVIDE
VITAL SERVICES & INSIGHTS TO EVERYONE ON EARTH.

WE ENABLE A GROWING SPACE ECONOMY.



PROVEN TRACK RECORD, WORLD LEADING TECHNOLOGY



95 SATELLITES
DEPLOYED



18 LAUNCHES



WORLD'S FIRST
& ONLY PRIVATE
ORBITAL LAUNCH SITE



WORLD'S FIRST
3D PRINTED ROCKET
ENGINE



OUR OWN
SATELLITE
ON ORBIT



3 LAUNCH PADS
ACROSS 2 COUNTRIES



GLOBAL GROUND
STATION NETWORK
(KSAT)

CUSTOMERS ACROSS GOVERNMENT AND COMMERCIAL SPACE SECTORS



BLACK SKY

Synspective

Canon

Tyvak
A Terren Orbital Corporation

TriSept
Corporation

FLEET

spire

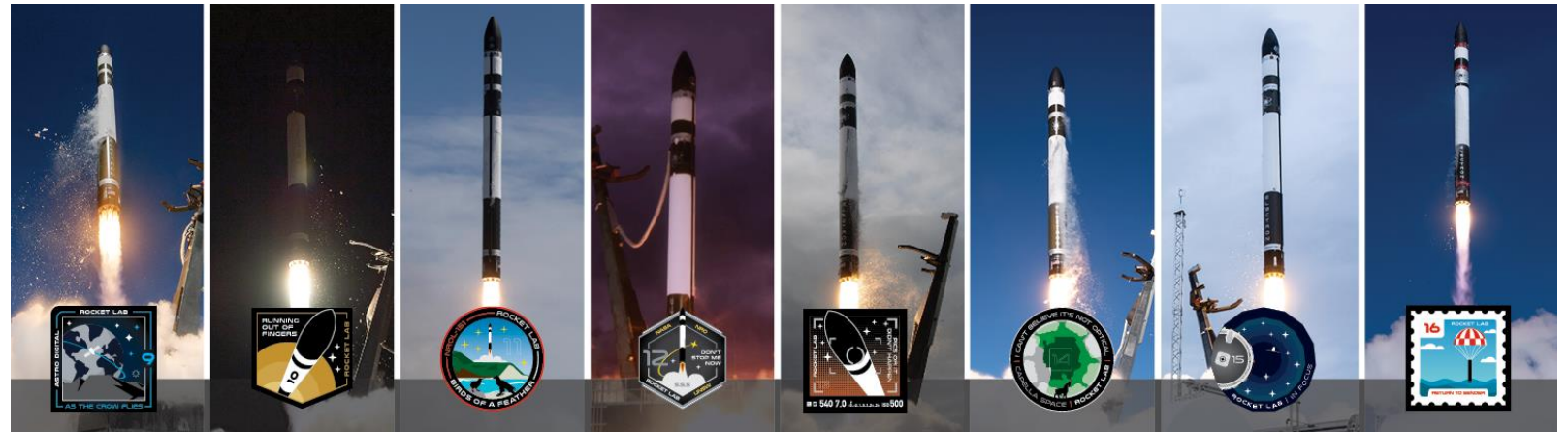
Capella Space

SECOND MOST FREQUENTLY LAUNCHED COMMERCIAL ROCKET



FREQUENT & RELIABLE LAUNCH IS HERE

- 1 SpaceX
- 2 ROCKET LAB





A ROCKET EVERY WEEK

4 ACRES OF MANUFACTURING COMPLEXES CAPABLE OF PRODUCING A ROCKET PER WEEK

STATE OF THE ART MANUFACTURING

- Four acres of manufacturing facilities across the United States, New Zealand and Canada
- Manufacturing line capable of producing an Electron vehicle every week
- Extensive automation including 3D printing and custom-designed robotic carbon composite machining system
- All engines, vehicle structures, avionics, guidance sets, flight termination hardware, produced in-house



PROPULSION TECHNOLOGY

FIRST 3D PRINTED ENGINE

Each engine can be printed in just 24 hours, enabling rapid and repeatable mass production to support a high launch cadence. Rocket Lab has built more than 200 Rutherford engines.

FIRST ELECTRIC PUMP CYCLE ROCKET ENGINE

The Rutherford engine uses an entirely new electric propulsion cycle consisting of two brushless direct current (DC) electric motors and high-performance lithium polymer batteries

COMPLETELY DEVELOPED & BUILT IN-HOUSE

Rutherford is designed, built and tested by Rocket Lab's world-leading in-house propulsion team.

PROVEN AND RELIABLE

160 Rutherford engines have been launched to space on Electron, enabling the delivery of 95 satellites to orbit.



REUSABILITY

THE KEY TO LAUNCH FREQUENCY

- First booster recovered in November 2020
- Eliminates the need to build a new stage for every flight
- Enables higher launch frequency
- Only small satellite launch vehicle currently capable of reusability



ROCKET LAB USA INC. PROPRIETARY INFORMATION



UNRIVALLED LAUNCH INFRASTRUCTURE



LIFTING HUMAN POTENTIAL



3 LAUNCH PADS ACROSS TWO COUNTRIES

LAUNCH COMPLEX 1: MAHIA,
NEW ZEALAND (2 PADS)



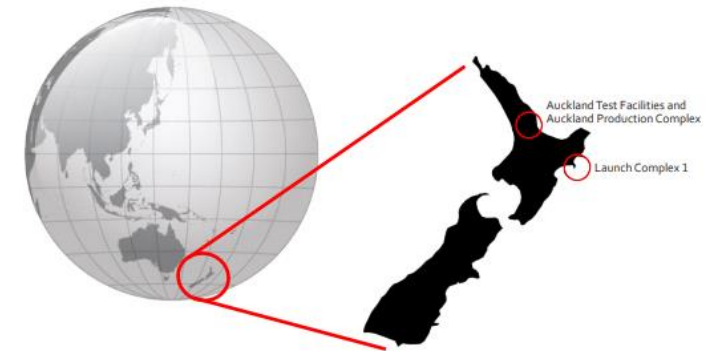
LAUNCH COMPLEX 2:
VIRGINIA, USA



LAUNCH COMPLEX 1: NEW ZEALAND

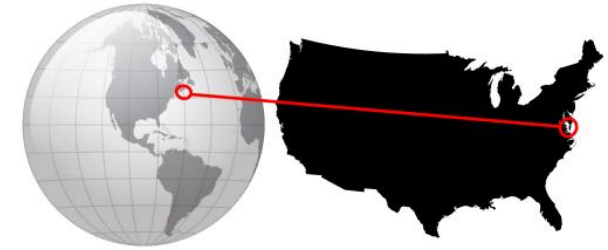
UNMATCHED LAUNCH FREQUENCY

- World's only private orbital launch site
- FAA & NZSA licensed
- Can support 120 launches per year
- Enables back-to-back, or even simultaneous launch
- Offers unmatched range of orbital inclinations and launch availability, from sun-synchronous through to 39 degrees
- Launch azimuth range: 55°- 205°
- Orbital inclination range: 39°- 120°
- State-of-the-art integration and cleanroom facilities on site



LAUNCH COMPLEX 2: VIRGINIA, USA

OPTIMIZED FOR HIGH VALUE SECURE GOVERNMENT MISSIONS FROM US SOIL



- Tailored for U.S. government missions from U.S. soil
- Capable of supporting a minimum of 12 launches per year
- Supports responsive space launch. Available for rapid call-up launch 24/7
- Dedicated Integration and Control Facility (ICF) dedicated to secure vehicle and payload processing facilities. The facility can process several Electron vehicles concurrently, enabling rapid and responsive launch opportunities
- Located at the Mid-Atlantic Regional Spaceport within the NASA Wallops Flight Facility in Virginia



GLOBAL INFRASTRUCTURE

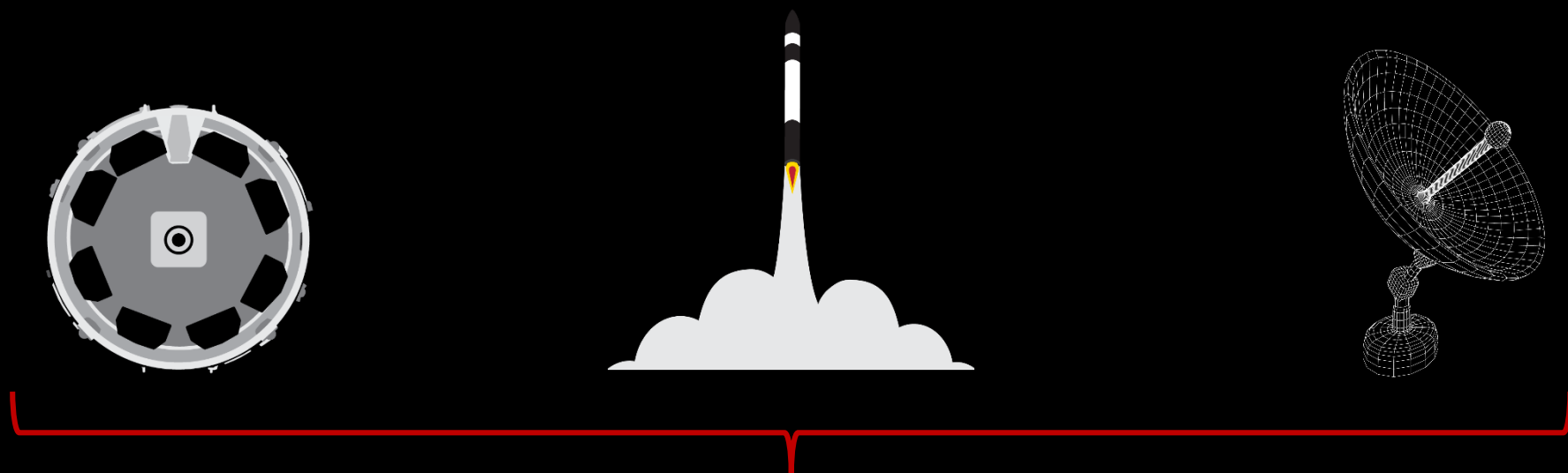




ROCKET LAB SPACE SYSTEMS

SATELLITES, SPACECRAFT COMPONENTS & ON-ORBIT OPERATIONS

DO MORE, SPEND LESS, GET THERE FASTER



SATELLITE + LAUNCH + ON-ORBIT OPERATION
AS A BUNDLED SERVICE

PHOTON

SATELLITE AS A SERVICE

MISSION ENABLER FOR:

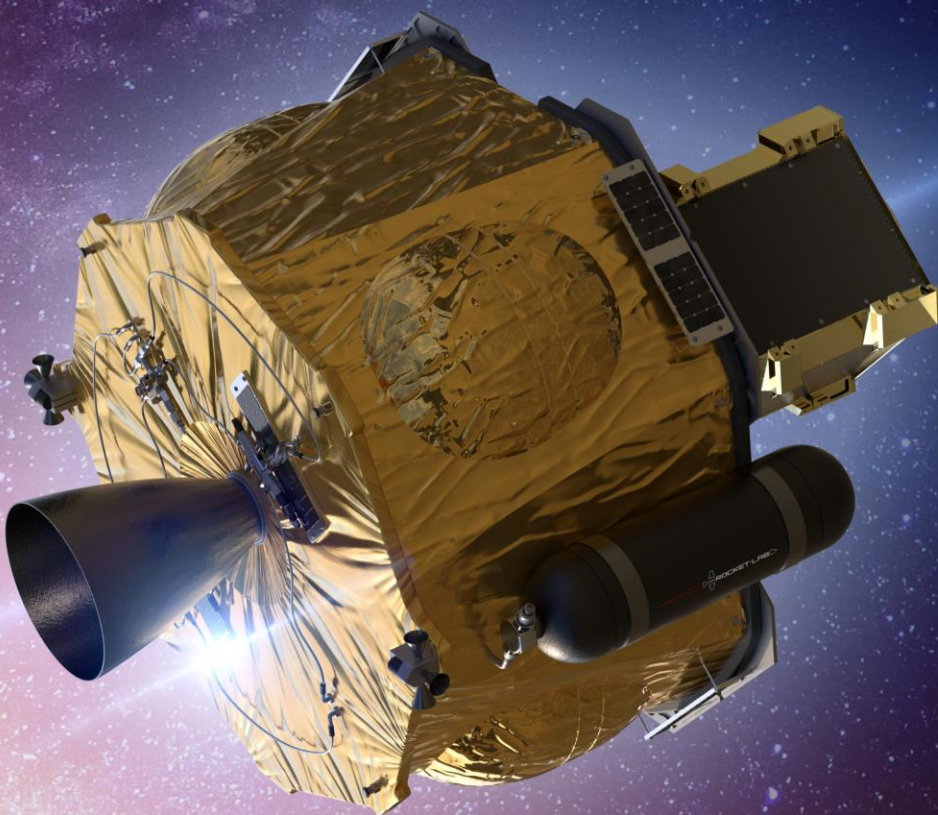
- TECHNOLOGY DEMONSTRATIONS
- SCIENTIFIC RESEARCH
- CONSTELLATIONS
- RISK REDUCTION PAYLOADS
- HOSTED PAYLOADS
- DEEP SPACE EXPLORATION



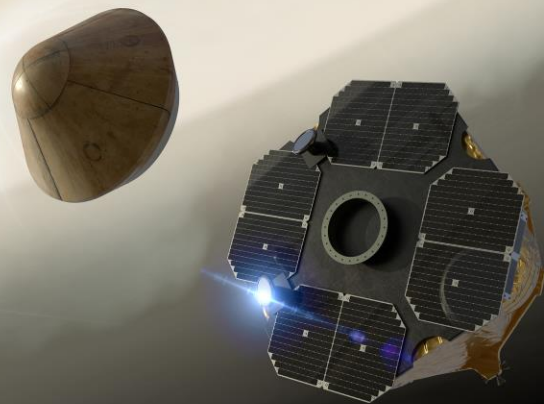
OUR OWN SATELLITE PLATFORM IS ALREADY ON ORBIT

FUNCTIONING PERFECTLY AS AN EARTH
OBSERVATION AND TEST PLATFORM





SELECTED FOR NASA
CAPSTONE MISSION TO
THE MOON IN 2021



PRIVATE MISSION TO VENUS IN 2023

SUPPORTING THE SEARCH
FOR LIFE OFF EARTH