

LAUNCH INFORMATION



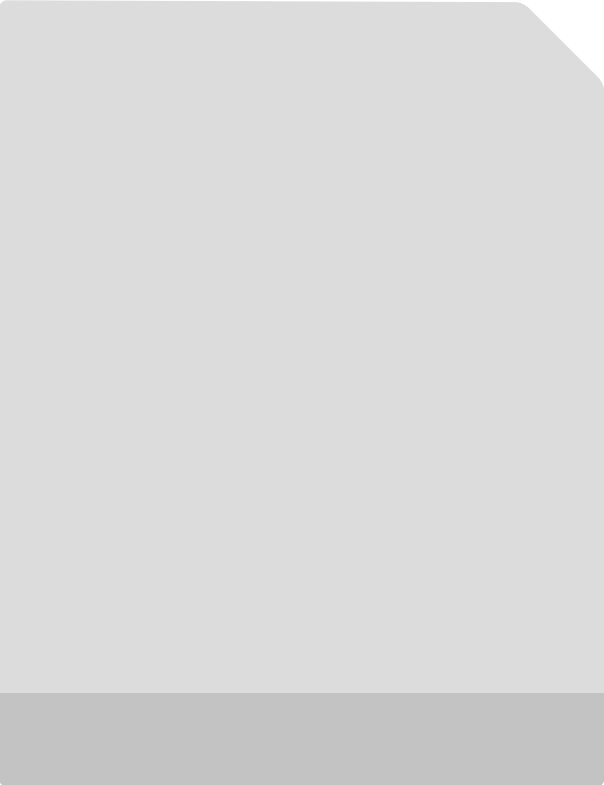
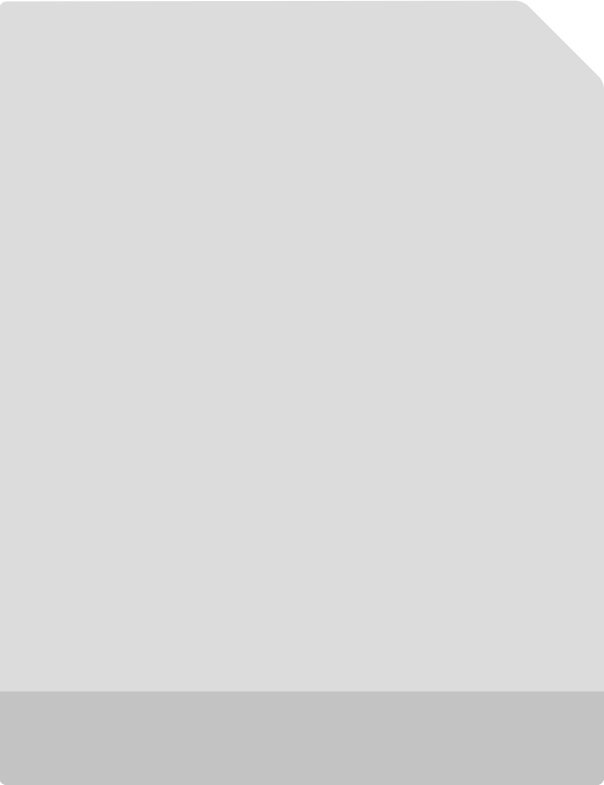
SATELLITES

5

INCLINATION

97

Mission
OVERVIEW



LAUNCH SITE OVERVIEW

Rocket Lab Launch Complex-1
Mahia, New Zealand



An FAA-licensed spaceport, Launch Complex 1 can provide up to 120 launch opportunities every year. From the site it is possible to reach orbital inclinations from sun-synchronous through to 30 degrees, enabling a wide spectrum of inclinations to service the majority of the satellite industry's missions to low Earth orbit.

Located within Launch Complex 1 are Rocket Lab's private range control facilities, two 100K satellite cleanrooms, a launch vehicle assembly facility which can process

A range and mission control centres allows Rocket Lab to reduce the overhead costs per mission, resulting in a cost-effective launch service for satellite operators.

In addition to Launch Complex 1, Rocket Lab operates an additional launch site, Launch Complex 2, at the Mid-Atlantic Regional Spaceport within NASA's Wallops Flight Facility on Virginia's Eastern Shore. Launch Complex 2 can support up to 12 missions per year.

By operating two launch complexes in two hemispheres, launch opportunities.

'Ice AIS Baby' Payload Integration
Launch Complex 1, Mahia, New Zealand

Kinéis OVERVIEW

Created in 2018, Kinéis is
a satellite operator and
global connectivity provider.

It inherited 40 years of
expertise in the Argos system,

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Thanks to its constellation of 25 nanosatellites, Kinéis
can connect any object from anywhere in the world
and transmit useful data from these objects to users in
near real time. This data is a decision-making tool that
can be used to optimize activities while reducing risks,
thanks to three essential functions: tracking, monitoring
and alerting.

Kinéis' space connectivity applications are used in a
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agriculture, traceability of wild and farmed animals,
and monitoring of maritime activities.

The Kinéis constellation also integrates the AIS00BA00B5011D0149008F>17 <00D2mals, /TT1 1 T0B5008B014908

Viewing A LAUNCH ONLINE



Live stream

The live stream is viewable at:

[@RocketLabUSA](#)

Launch footage & images

Images and footage of "IoT For You and Me" launch will be available shortly after a successful mission at:

[@RocketLabUSA](#)

Updates

For information on launch day visit:

[@RocketLabUSA](#)

Follow Rocket Lab:

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Time	Event
-00:02:00	Launch auto sequence begins
-00:00:02	Rutherford engines ignite
00:00:00	Lift-off
+00:02:25	; y i l μ œ i μ Šr p P) % (P B @ 0 0 . 5 7 9 0 0 1 5 5 r y h z 2 9 8 @ Š • @ Š 6 1 6 6

Overall

LENGTH

18m

DIAMETER (MAX)

1.2m

STAGES

2 + Kick Stage

VEHICLE MASS (LIFT-OFF)

13,000kg

MATERIAL/STRUCTURE

Carbon Fiber Composite/Monocoque

PROPELLANT

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Payload

NOMINAL PAYLOAD

320kg / 440lbm To 500km

FAIRING DIAMETER

1.2m

FAIRING HEIGHT

2.5m

FAIRING SEP SYSTEM

Pneumatic Unlocking, Springs

Stage 2

PROPULSION

1x Rutherford Vacuum Engine

THRUST

5800 LBF Vacuum

ISP

343 Sec

Interstage

SEPARATION SYSTEM

Pneumatic Pusher

Stage 1

PROPULSION

9x Rutherford Sea Level Engines

THRUST

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ISP

311 Sec

