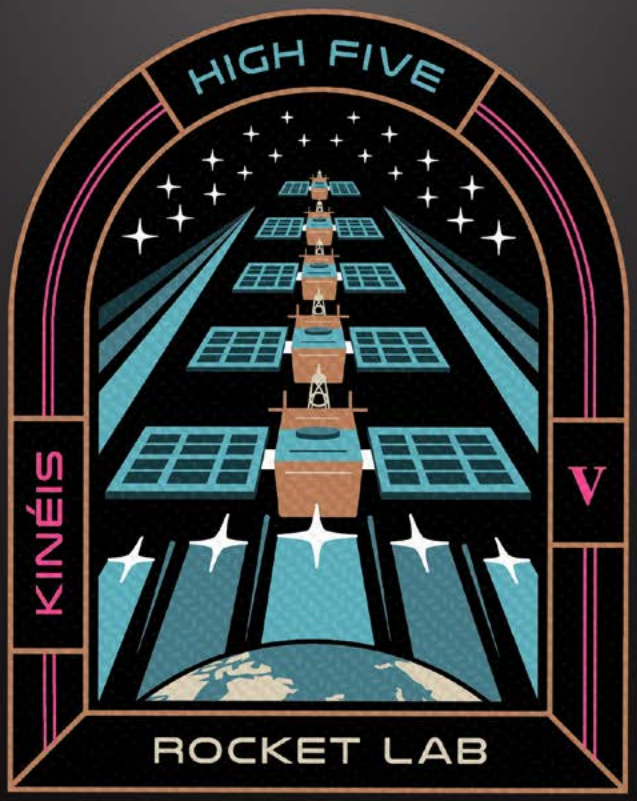


HIGH FIVE

PRESS KIT | NET 17TH MARCH 2025

Rocket Lab USA, Inc.
rocketlabusa.com

ROCKETLAB

LAUNCH INFORMATION

Rocket Lab will launch an Electron rocket to deploy five satellites for French Internet of Things (IoT) company Kinéis. It's the fifth of five dedicated Electron launches booked by Kinéis.

LAUNCH SITE

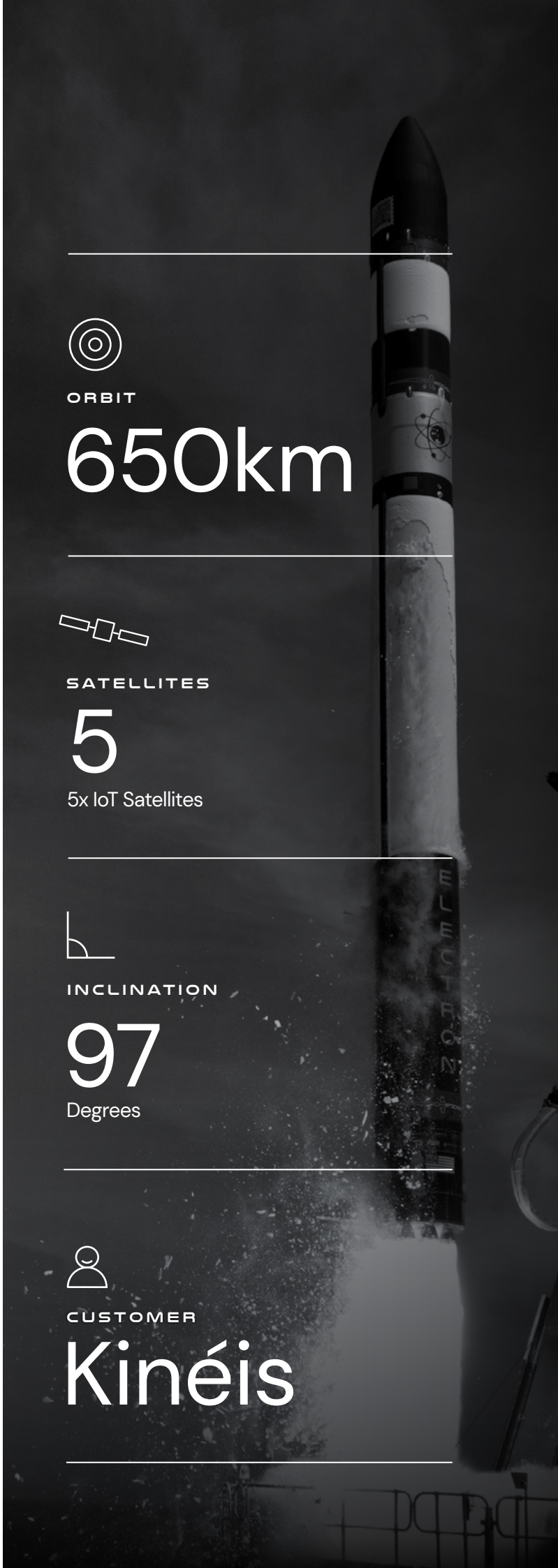
Launch Complex 1 – Pad A
Mahia, New Zealand.

LAUNCH WINDOW

The launch window opens on March 17th NZDT and extends into late March.

This launch requires an instantaneous T-0 and it remains the same for every day of the launch window.

Time Zone	Window Open
NZDT	14:31
UTC	01:31
EST	21:31
PST	18:31
CET	02:31



ORBIT

650km

SATELLITES

5

5x IoT Satellites

INCLINATION

97

Degrees

CUSTOMER

Kinéis

MISSION OVERVIEW

About 'High Five'

Mission Success
19 Jun. 2024

Mission Success
20 Sept. 2024

Mission Success
25 Nov. 2024

Mission Success
9 Feb. 2025

The High Five mission will lift off from Launch Complex 1 in New Zealand, deploying five satellites for French IoT company Kinéis.

The mission is the fifth of five dedicated Electron launches for Kinéis. The previous missions were successfully launched on Electron from Launch Complex 1 in June, September, and November of 2024, as well as February 2025.

Each launch deploys five Internet-of-Things (IOT) satellites. Across these five launches in total, Rocket Lab will deploy Kinéis' complete constellation of 25 satellites.

The launch has been tailored specifically to meet Kinéis' mission requirements, giving them greater control over launch schedule, orbit, and deployment parameters than would be possible on a larger rideshare mission.

KINÉIS OVERVIEW

Created in 2018, Kinéis is a satellite operator and global connectivity provider. It inherited 40 years of expertise in the Argos system, founded by CNES (French space agency) and historically operated by CLS (Collecte Localisation Satellites).

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.

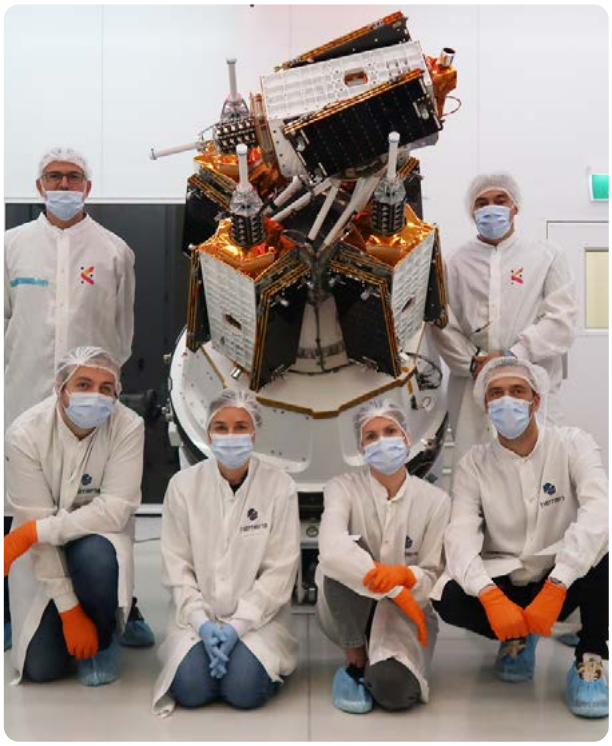
Kinéis' space connectivity applications are used in a number of fields that represent major challenges for humankind: natural risk prevention (detection of forest fires, floods, pollution, etc.), monitoring of infrastructure and energy networks (detection of anomalies, predictive maintenance, etc.), transport and logistics monitoring, agriculture, traceability of wild and farmed animals, and monitoring of maritime activities.

The Kinéis constellation also integrates the AIS (Automatic Identification System), a maritime automatic identification system for ships operating on VHF (Very High Frequency) radio frequencies, which enables ships and surveillance systems to know the identity, position, direction and status of ships at sea.

Kinéis' satellite-based AIS (S-AIS) is a high-performance system (requiring no ground infrastructure) that complements terrestrial AIS, enabling ships to be monitored worldwide, even in international waters not accessible by terrestrial AIS.

Learn more here:

↗ kineislaunch.com



LAUNCH SITE OVERVIEW

Rocket Lab Launch Complex-1
Mahia, New Zealand

'Ice AIS Baby' Payload Integration
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.

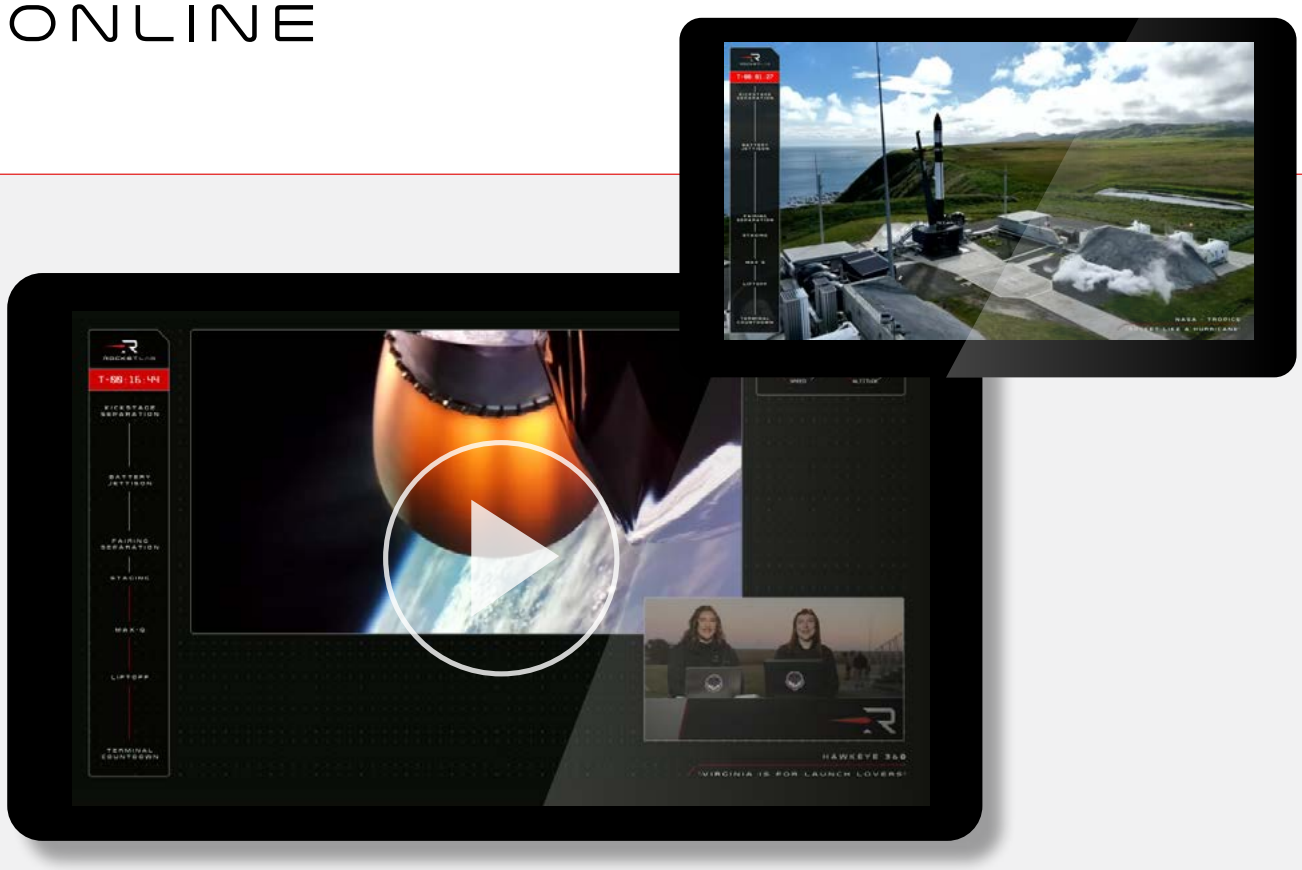
Located within Launch Complex 1 are Rocket Lab's private range control facilities, two 100K satellite cleanrooms, a launch vehicle assembly facility which can process multiple Electrons at once, and administrative offices.

Operating a private orbital launch site alongside its own 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, Rocket Lab provides customers with flexible, responsive launch opportunities.

VIEWING A LAUNCH ONLINE



LIVE STREAM

The live stream is viewable at:

rocketlabusa.com/live-stream

LAUNCH FOOTAGE & IMAGES

Images and footage of "High Five" launch will be available shortly after a successful mission at:

www.flickr.com/photos/rocketlab

UPDATES

For information on launch day visit:

rocketlabusa.com/next-mission

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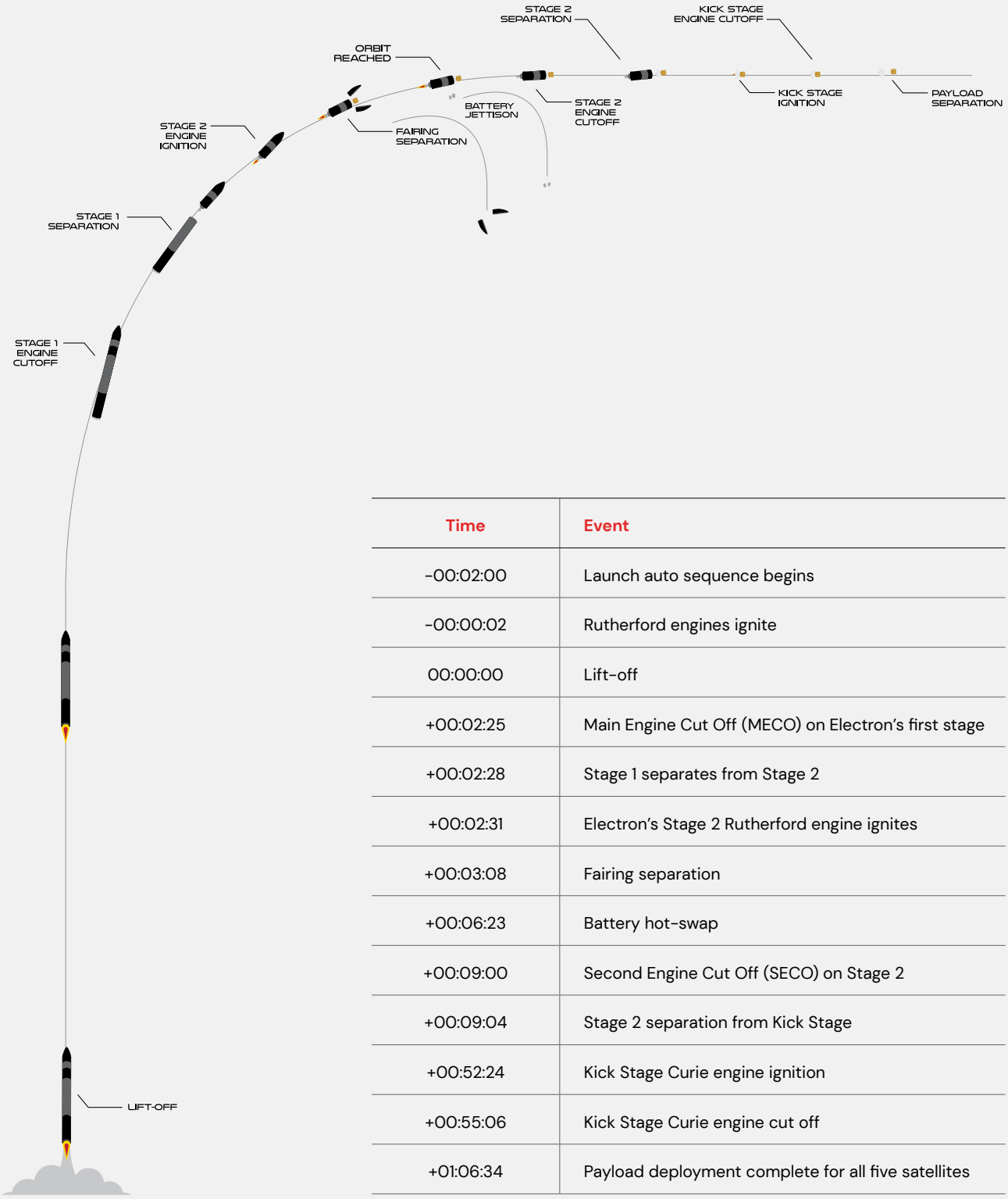
TIMELINE OF LAUNCH EVENTS



Time	Event
-00:02:00	Launch auto sequence begins
-00:00:02	Rutherford engines ignite
00:00:00	Lift-off
+00:02:25	Main Engine Cut Off (MECO) on Electron's first stage
+00:02:28	Stage 1 separates from Stage 2
+00:02:31	Electron's Stage 2 Rutherford engine ignites
+00:03:08	Fairing separation
+00:06:23	Battery hot-swap
+00:09:00	Second Engine Cut Off (SECO) on Stage 2
+00:09:04	Stage 2 separation from Kick Stage
+00:52:24	Kick Stage Curie engine ignition
+00:55:06	Kick Stage Curie engine cut off
+01:06:34	Payload deployment complete for all five satellites

ELECTRON LAUNCH VEHICLE

OVERALL

LENGTH
18m

DIAMETER (MAX)
1.2m

STAGES
2 + Kick Stage

VEHICLE MASS (LIFT-OFF)
13,000kg

MATERIAL/STRUCTURE
Carbon Fiber Composite/Monocoque

PROPELLANT
LOX/Kerosene

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

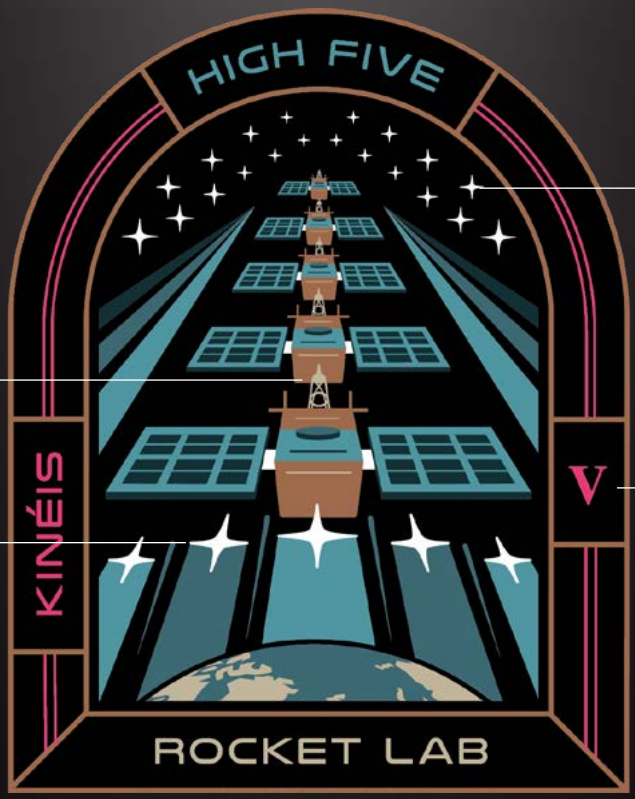
PROPULSION
9x Rutherford Sea Level Engines

THRUST
5600 LBF Sea Level (Per Engine)

ISP
311 Sec

MISSION PATCH ANATOMY

'High Five'



20 stars representing the previous four missions with five satellites deployed on each mission.

Five Kinéis IoT satellites.

Five out of the five missions for Kinéis.

Five stars representing the final five satellites deployed making a total of 25 across the five missions.

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