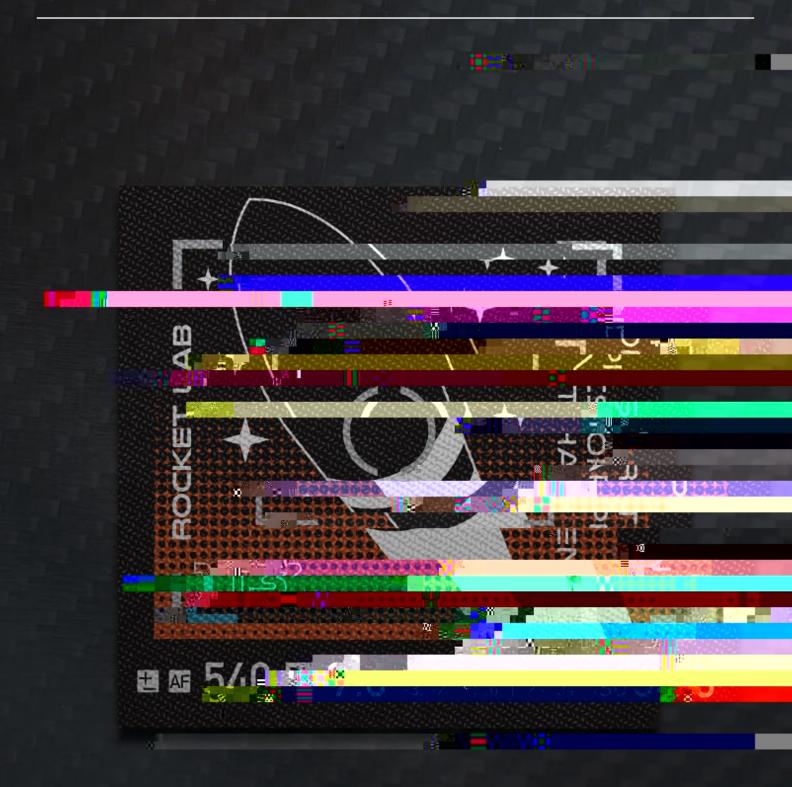
PICS OR IT DIDN'T HAPPEN PRESS KIT JULY 2020



ROCKET LAB PRESS KIT 'PICS OR IT DIDN'T HAPPEN' 2020

The primary payload aboard this mission, Canon Electronics Inc.'s CE-SAT-IB, was procured by satellite rideshare and mission management provider Spacefight Inc. The mission objective for the CE-SAT-IB satellite is to demonstrate Canon Electronics Inc.'s Earth-imaging technology with high-resolution and wide-angle cameras, as well as test the microsatellite for mass production.

-06:00:00	Road to the launch site closed			
-04:00:00	Electron is raised vertical, fueling begins			
-02:30:00	Launch pad personnel exit area ahead of launch			
-02:00:00	Electron f lled with liquid oxygen (LOx)			
-02:00:00	Safety zones are activated for designated marine space			
-00:30:00	Safety zones are activated for designated airspace			
-00:18:00	The Launch Director conducts a go/ho-go poll of launch operators to conf rm Electron is ready for launch			
-00:02:00	Launch autosequence begins			
-00:00:02	Rutherford engines ignite			
00:00:00	Lift-of			
+00:02:35				

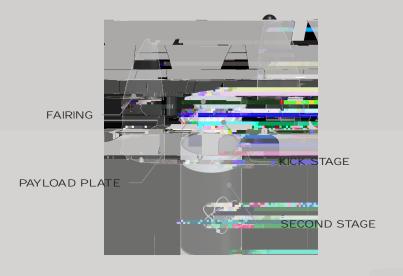
ROCKET LAB PRESS KIT

VIEWING IN PERSON

Wairoa District Council has allocated a rocket launch viewing area for the public near Nuhaka, accessible via Blucks Pit Road. Visit www. visitwairoa.co.nz/welcome-to-wairoa/space-coast-new-zealand/ for more information. Scrubs and postponements are likely during launch windows, so visitors to the Blucks Pit viewing site should anticipate multiple postponements, sometimes across several days.







RUTHERFORD VACUUM ENGINE

INTERSTAGE

IOVERALL

LENGTH 17M

DIAMETER (MAX) 1.2M

STAGES 2 + OPTIONAL KICK STAGE

VEHICLE MASS (LIFTOFF)
13,000KG

MATERIAL/STRUCTURE CARBON FIBER COMPOSITE/MONOCOQUE

PROPELLANT LOX/KEROSENE

■PAYLOAD

NOMINAL PAYLOAD 150KG TO SSO

PAYLOAD DIAMETER 1.08M

PAYLOAD HEIGHT 1.91M

FAIRING SEP SYSTEM
PNEUMATIC UNLOCKING, SPRINGS

■STAGE 2

PROPULSION
1X RUTHERFORD VACUUM ENGINES

THRUST 5500 LBF VACUUM

ISP 343 SEC

INTERSTAGE

SEPARATION SYSTEM PNEUMATIC PUSHER

■STAGE 1

PROPULSION

9X RUTHERFORD SEA LEVEL ENGINES

THRUST 5500 LBF SEA LEVEL (PER ENGINE)

ISP

311 SEC

FIRST STAGE

POWER PACK

9X RUTHERFORD SEA LEVEL ENGINES

