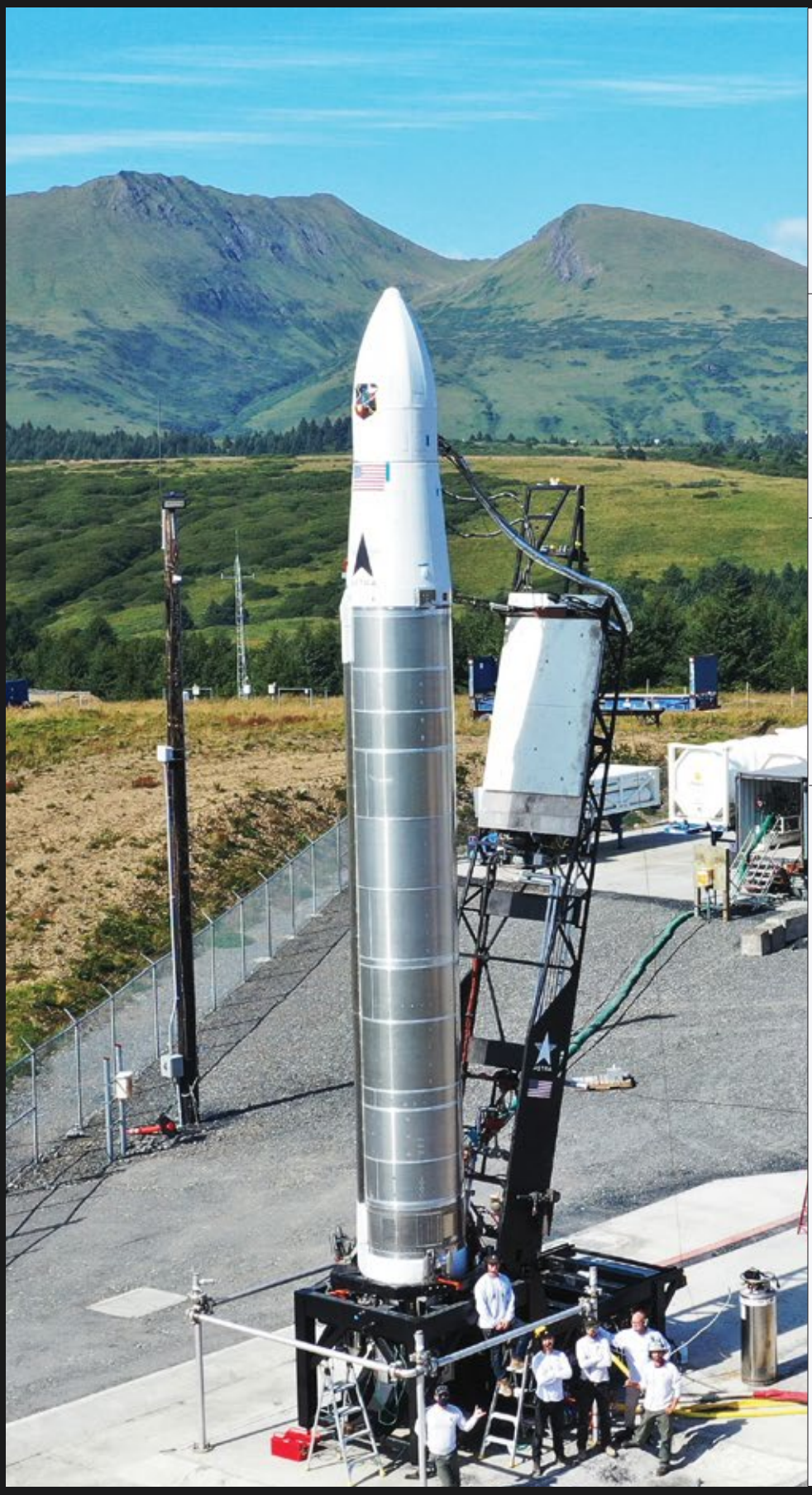

ASTRA



LAUNCH WINDOW

AUGUST		SEPTEMBER
27TH	TO	11TH
FRIDAY		SATURDAY

LAUNCH SITE

PAD LP-3B

Pacific Spaceport Complex

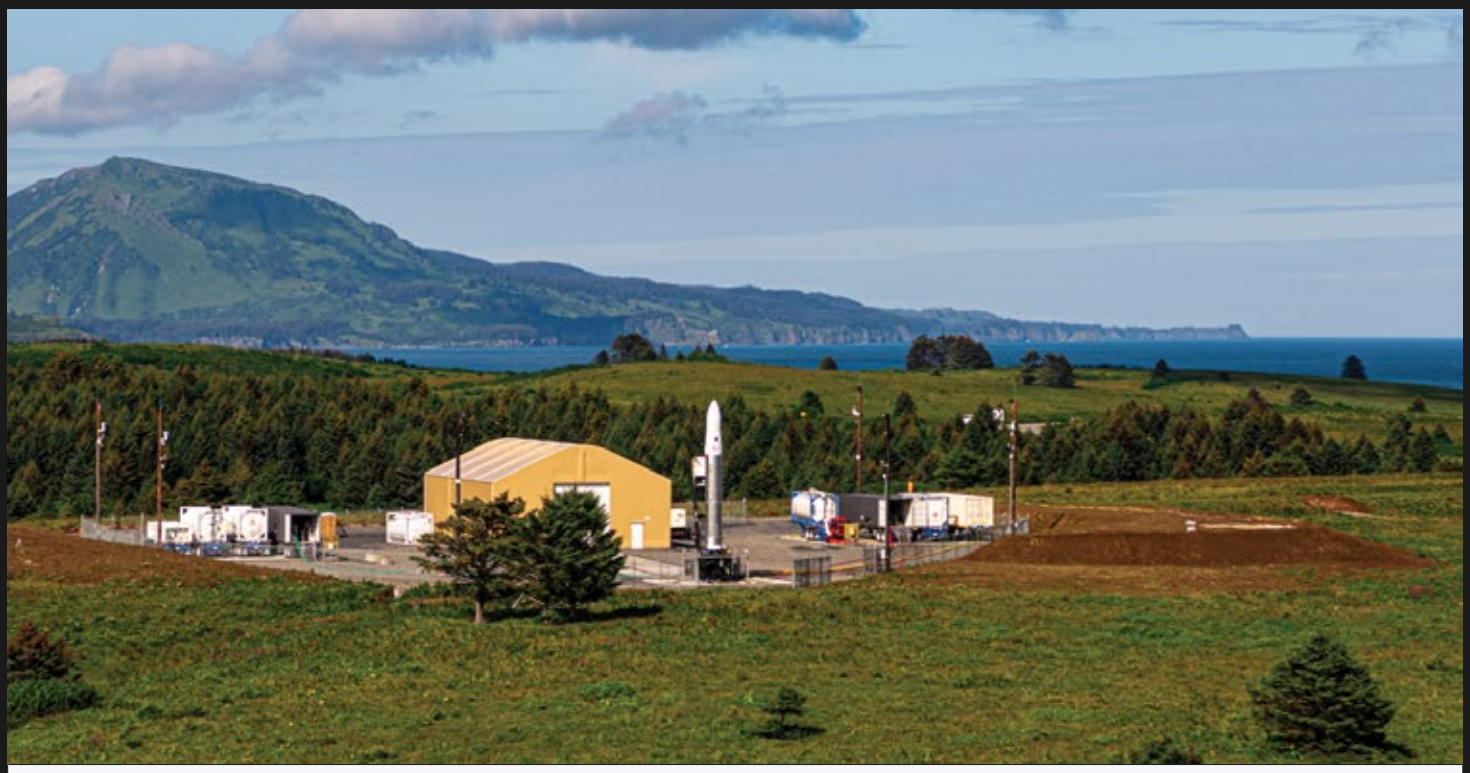
KODIAK, ALASKA

TARGET ORBIT

70º	415KM
INCLINATION	ALTITUDE

PAYLOAD

This mission includes a non-deployable Space Force payload.



MISSION OVERVIEW

Space Force contracted this launch through the Defense Innovation Unit's Other Transaction Agreement with Astra. Space Force will be launching a test payload for the Space Test Program (STP-27AD1).

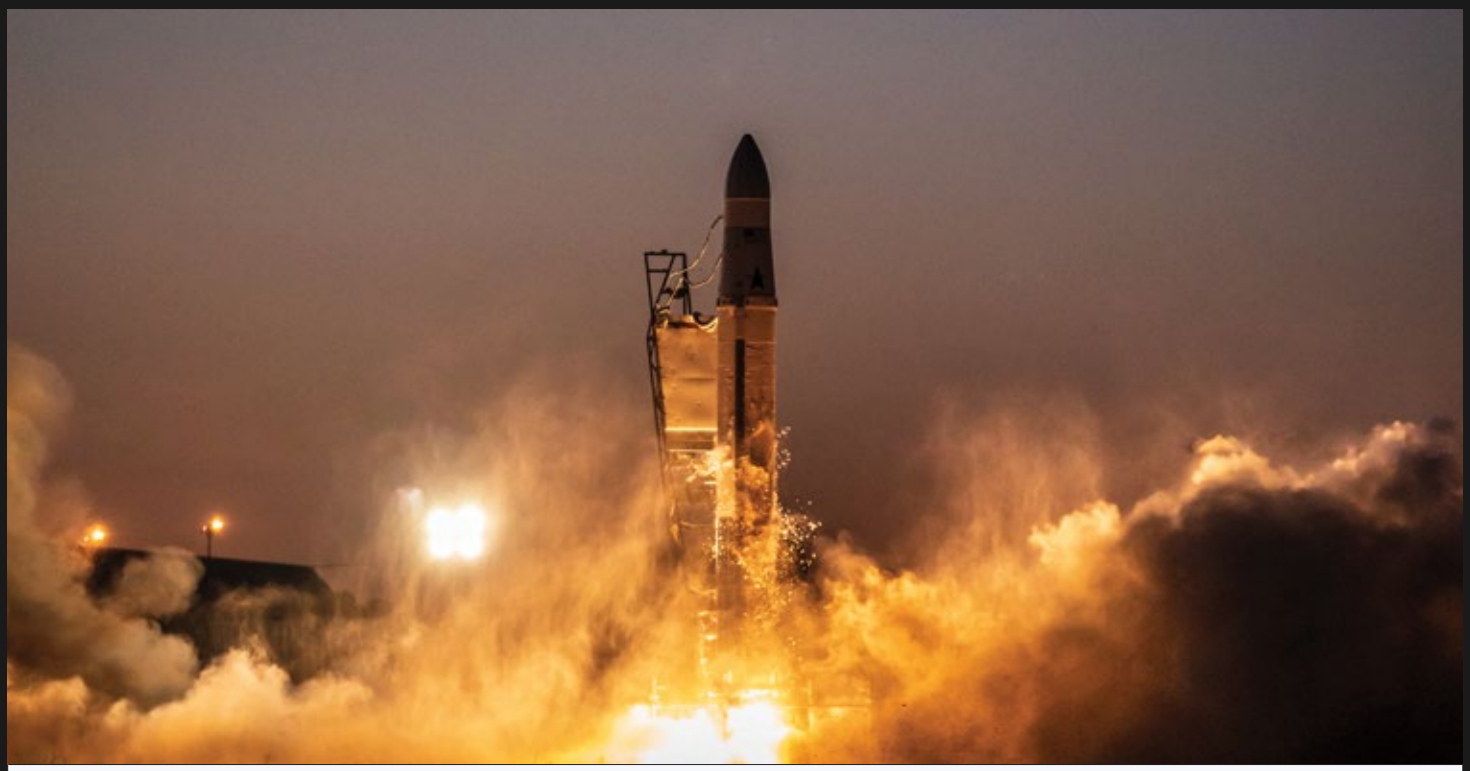
FOR MORE INFORMATION,
ASTRA.COM/NEWSROOM

"We're excited to kick off a multi-launch campaign with the Space Force... This orbital demonstration launch allows our team to verify numerous upgrades to our launch system."

CHRIS KEMP
FOUNDER, CHAIRMAN AND CEO OF ASTRA

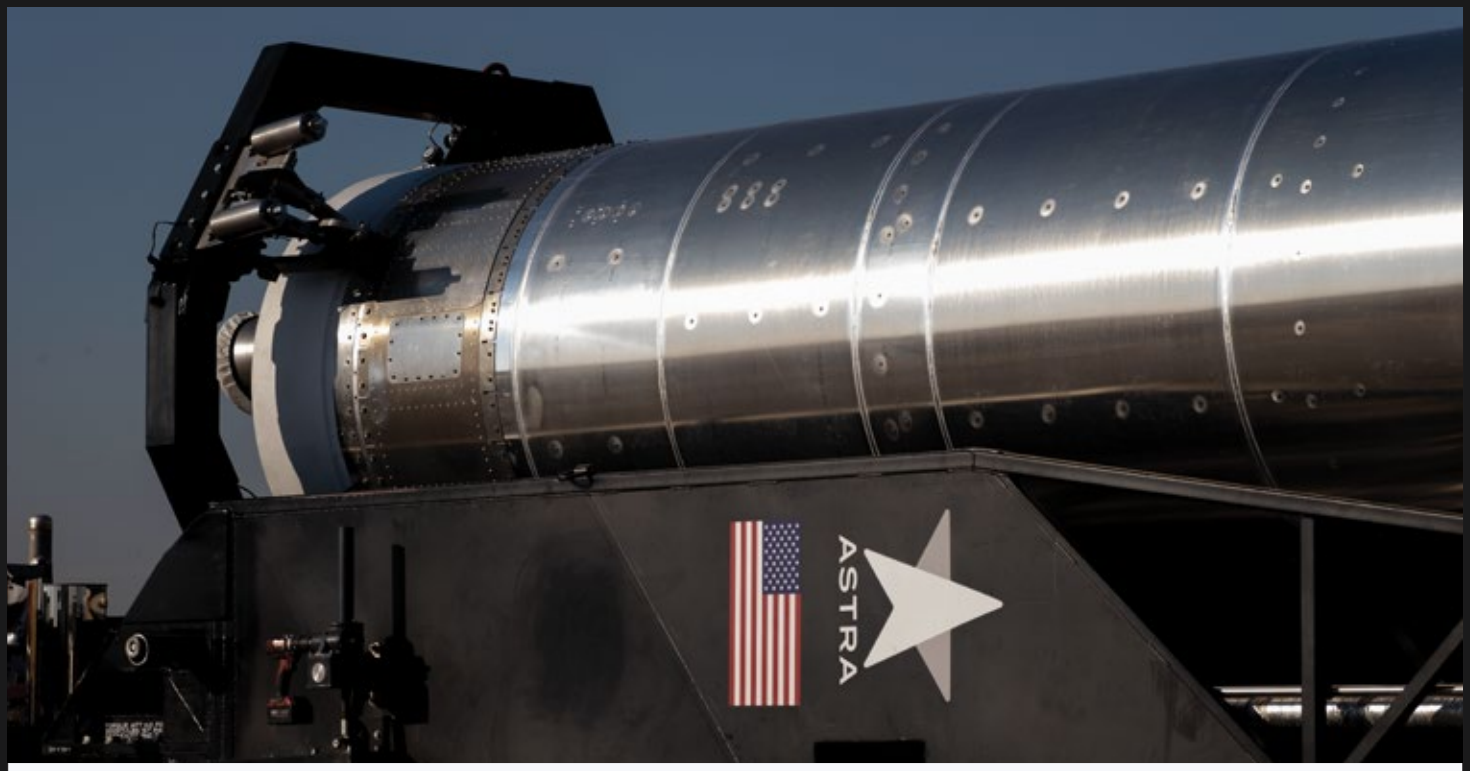
"We are thrilled to partner with Astra on this mission and believe this showcases critical low-cost, mobile and responsive launch capability."

COLONEL CARLOS QUINONES
DIRECTOR, DEPARTMENT OF DEFENSE SPACE TEST PROGRAM



MISSION TIMELINE

+8m 30s	Payload Deployment Signal
+8m 20s	Second Engine Cut-Off
+3m 05s	Aether Ignition
+3m 00s	Stage Separation
+2m 55s	Fairing Separation
+2m 50s	Main Engine Cut-Off
+1m 15s	Max-Q
+12s	Begin Pitch Over
+0s	Lift-off



ABOUT LAUNCH VEHICLE 0006 / ROCKET 3.3

Astra has developed the world's most responsive and affordable orbital launch system.

Rocket 3.3 is an expendable, vertically-launched two stage LOX/kerosene rocket, designed to fit inside a standard shipping container and built to dramatically lower the cost of access to space.

Eschewing labor-intensive processes such as carbon composite layups, Astra has focused on proven and cost-efficient metallic structures. Rocket 3.3 consists of a first stage powered by five Delphin electric-pump-fed engines and an upper stage propelled by a single pressure-fed Aether engine.

OVERALL LENGTH	43 FT	AND	DIAMETER	52 IN

FIRST STAGE		SECOND STAGE	
ENGINES	Delphin	ENGINES	Aether
ENGINE QTY	5	ENGINE QTY	1
THRUST PER ENGINE	6,500 LBF SL	THRUST PER ENGINE	740 LBF VACUUM
TOTAL THRUST	32,500 LBF SL	TOTAL THRUST	740 LBF VACUUM
PROPELLANT	LOX / Kerosene	PROPELLANT	LOX / Kerosene

ABOUT ASTRA

Astra's mission is to improve life on Earth from space by creating a healthier and more connected planet. Astra's first flight to space was within 4 years of its inception, making it the fastest company to reach space.

VISIT WWW.ASTRA.COM TO LEARN MORE

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DANE LEWIS

SAFE HARBOR STATEMENT

Certain statements made in this press release are "forward-looking statements". Forward-looking statements may be identified by the use of words such as "anticipate", "believe", "expect", "estimate", "plan", "outlook", and "project" and other similar expressions that predict or indicate future events or trends or that are not statements of historical matters. These forward-looking statements reflect the current analysis of existing information and are subject to various risks and uncertainties, including Astra's failure to meet the projected launch targets. As a result, caution must be exercised in relying on forward-looking statements. Due to known and unknown risks, actual results may differ materially from Astra's expectations or projections and while Astra expects to meet this launch window a number of factors could impact our ability to successfully complete the launch described in this press release, including governmental or other restrictions that may be placed on travel in response to the increased COVID-19 transmission rates; delays that would result if critical members of our launch team were to be infected with the COVID-19 virus; setbacks we may face as we continue to test our rocket's launch capability, governmental orders and decisions over which we have no control and those risks and uncertainties discussed from time to time in our filings with the Securities and Exchange Commission.

When we use the phrase "commercial orbital launch," we mean a launch conducted under a FAA Commercial Launch License.