



RUNNING OUT OF TOES

Press Kit | Launching from 15 May 2021

LAUNCH INFORMATION



LAUNCH WINDOW

LAUNCH SITE

DAILY LAUNCH OPPORTUNITY

The launch timing for this mission will shift slightly each day of the launch window.

ORBIT

430km

SATELLITES

2

Payloads onboard Electron

Payload: **BlackSky Global Series**

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Running Out Af Toes will launch the second and third of nine BlackSky satellites scheduled to launch with Electron this year.

BlackSky's Earth-observation microsattellites capture high-resolution images of the planet. Combined with their intelligence to analyze and make sense of satellite images to track trends from a region's economic recovery from COVID-19 through to international cargo transport.

Once on orbit, BlackSky's two Gen-2 satellites will continue to grow the BlackSky space network and enable BlackSky to provide more frequent revisits globally with heightened revisit capability in the 45-to-50-degree markets. This mission will expand BlackSky's space sensor network and analytic product throughput, growing their ability to offer timely, rapid and more vivid insights to their customer customers and partners globally.

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When changes are happening on the ground, getting fresh intelligence into the hands of decision makers is critical.

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RECOVERY MISSION

A major step in OCMKPI GNGEVTQP
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Running Out Of Toes will be Rocket Lab's
stage back to earth from space. After
mission – 'Return To Sender' - just six months
ago, Rocket Lab continues to progress closer
But here is how this mission's retrieval process is different.

VIEWING
A LAUNCH
ONLINE

Location

Wairoa District Council has allocated a rocket launch viewing area for the

Hrs:Min:Sec From Lift-off	Event
	Event 1, È•†°á•ÈèI•á•μÒìjμIÈ•<-
-04:00:00	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	È•†°È°μI ÈÈ•<IâjÒ I®jÇÖj<I°çèæ•μI, 5An-
-02:00:00	Safety zones are activated for designated marine space
-00:30:00	Safety zones are activated for designated airspace
-00:18:00	GO/NO GO poll
-00:02:00	Launch auto sequence begins
-00:00:02	Rutherford engines ignite
00:00:00	5j>Ò2°>>
+00:02:30	;yjμI μæjμ•I ÖÒIA>>I,; A-I°μI È•†°È°μ<ìI ÈìÒ
+00:02:33	SÒyæ•I Iì•ÁyËyÖ•ìI>È°'ISÒyæ•I
+00:02:36	Electron's Stage 2 Rutherford engine ignites
+00:03:11	Fairing separation
+00:06:05	Battery hot-swap
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+00:07:29	SÒyæ•I I<È°æÖ•IÁyËy† ÖÒ•IjìI<•Á®°è•<
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+00:08:44	SÒyæ•I I°†•yμIìÁ®yì <°âμ
+00:08:45	Electron reaches orbit
+00:08:53	Stage 2 separation from Kick Stage
+00:51:20	Kick Stage Curie engine ignition

Overall

MAP

launch

Marker	Mission Time
①	T+ 01:00
②	T+ 01:30
③	T+ 02:00
④	T+ 02:30
⑤	T+ 03:00
⑥	T+ 03:30
⑦	T+ 04:00
⑧	T+ 04:30
⑨	T+ 05:00
⑩	T+ 05:30
⑪	T+ 06:00
⑫	T+ 06:30
⑬	T+ 07:00

Note:
Numbers apply
to the centre
of the circle.

