

UPCOMING LAUNCH

STARLINK MISSION

WATCH

SpaceX is targeting Saturday, May 31 for a Falcon 9 launch of 27 **Starlink** satellites to low-Earth orbit from Space Launch Complex 4 East (SLC-4E) at Vandenberg Space Force Base in California. Liftoff is targeted for 1:10 p.m. PT, with backup opportunities available until 4:51 p.m. PT. If needed, additional launch opportunities are also available on Sunday, June 1 starting at 12:39 p.m. PT.

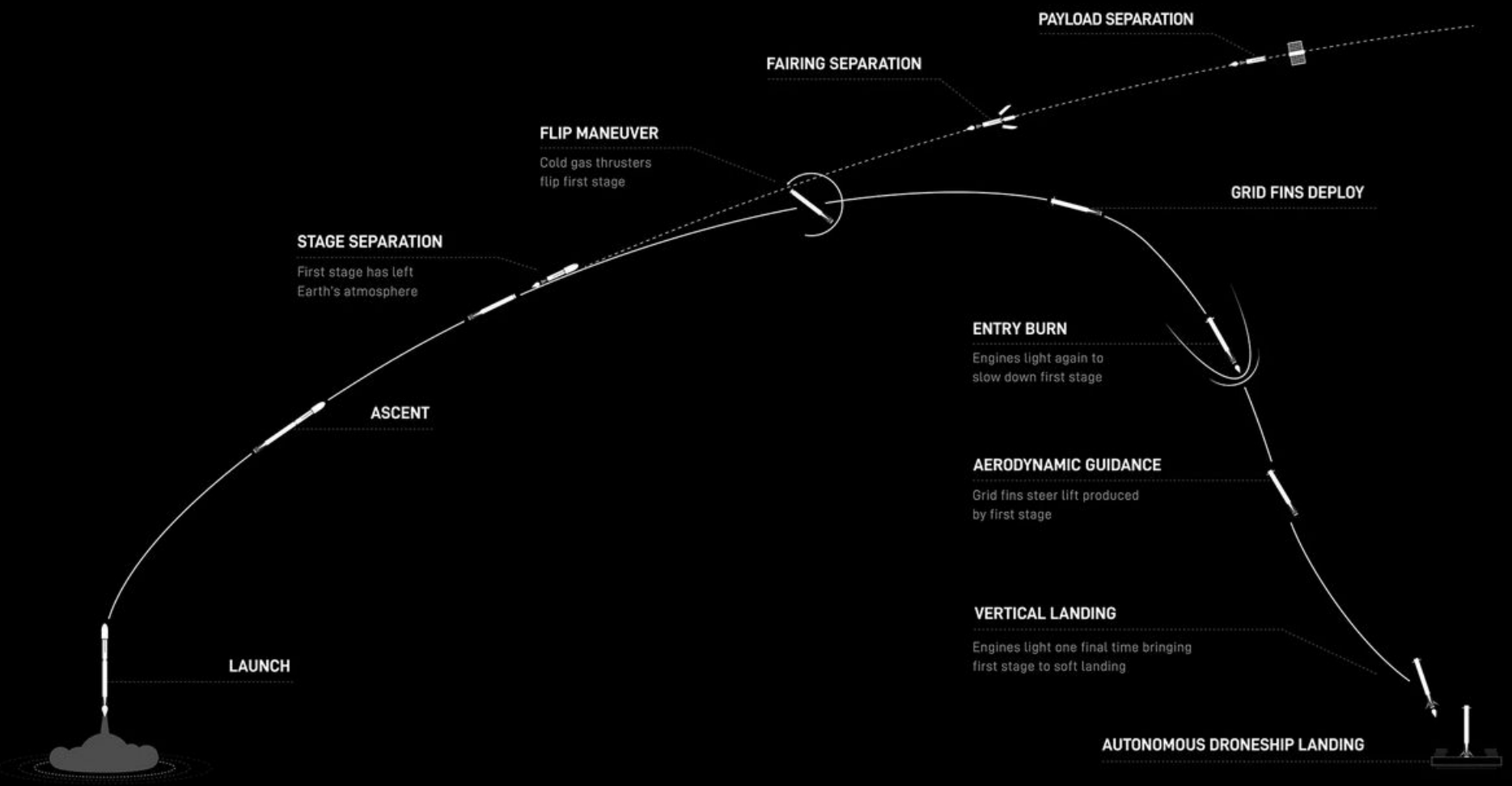
A live webcast of this mission will begin about five minutes prior to liftoff, which you can watch here and on **X @SpaceX**. You can also watch the webcast on the new X TV app.

This will be the 25th flight for the first stage booster supporting this mission, which previously launched NROL-87, NROL-85, SARah-1, SWOT, Transporter-8, Transporter-9, NROL-146, Bandwagon-2, NROL-153, NROL-192, and 14 Starlink missions. Following stage separation, the first stage will land on the Of Course I Still Love You dronship, which will be stationed in the Pacific Ocean.

There is the possibility that residents of Santa Barbara, San Luis Obispo, and Ventura counties may hear **one or more sonic booms** during the launch, but what residents experience will depend on weather and other conditions.

COUNTDOWN

HR/MIN/SEC	EVENT
00:38:00	SpaceX Launch Director verifies go for propellant load
00:35:00	RP-1 (rocket grade kerosene) loading begins
00:35:00	1st stage LOX (liquid oxygen) loading begins
00:16:00	2nd stage LOX loading begins
00:07:00	Falcon 9 begins engine chill prior to launch
00:01:00	Command flight computer to begin final prelaunch checks
00:01:00	Propellant tank pressurization to flight pressure begins
00:00:45	SpaceX Launch Director verifies go for launch
00:00:03	Engine controller commands engine ignition sequence to start
00:00:00	Falcon 9 liftoff



LAUNCH, LANDING, AND DEPLOYMENT

All Times Approximate

HR/MIN/SEC	EVENT
00:01:07	Max Q (Moment of peak mechanical stress on the rocket)
00:02:25	1st stage main engine cutoff (MECO)
00:02:28	1st and 2nd stages separate
00:02:36	2nd stage engine starts (SES-1)
00:02:56	Fairing separation
00:06:02	1st stage entry burn begins
00:06:28	1st stage entry burn ends
00:07:48	1st stage landing burn begins
00:08:11	1st stage landing
00:08:40	2nd stage engine cutoff (SECO-1)
00:52:57	2nd stage engine starts (SES-2)
00:52:59	2nd stage engine cutoff (SECO-2)
00:59:51	Starlink satellites deploy