UPCOMING LAUNCH

STARLINK MISSION

WATCH

SpaceX is targeting Friday, December 13 for a Falcon 9 launch of 22 **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 11:28 a.m. PT, with backup opportunities available until 3:04 p.m. PT. If needed, additional opportunities are also available Saturday, December 14 starting at 10:48 a.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 is the ninth flight for the first stage booster supporting this mission, which previously launched Oneweb 4, USSF-62, and six Starlink missions. Following stage separation, the first stage will land on the Of Course I Still Love You droneship, which will be stationed in the Pacific Ocean.

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
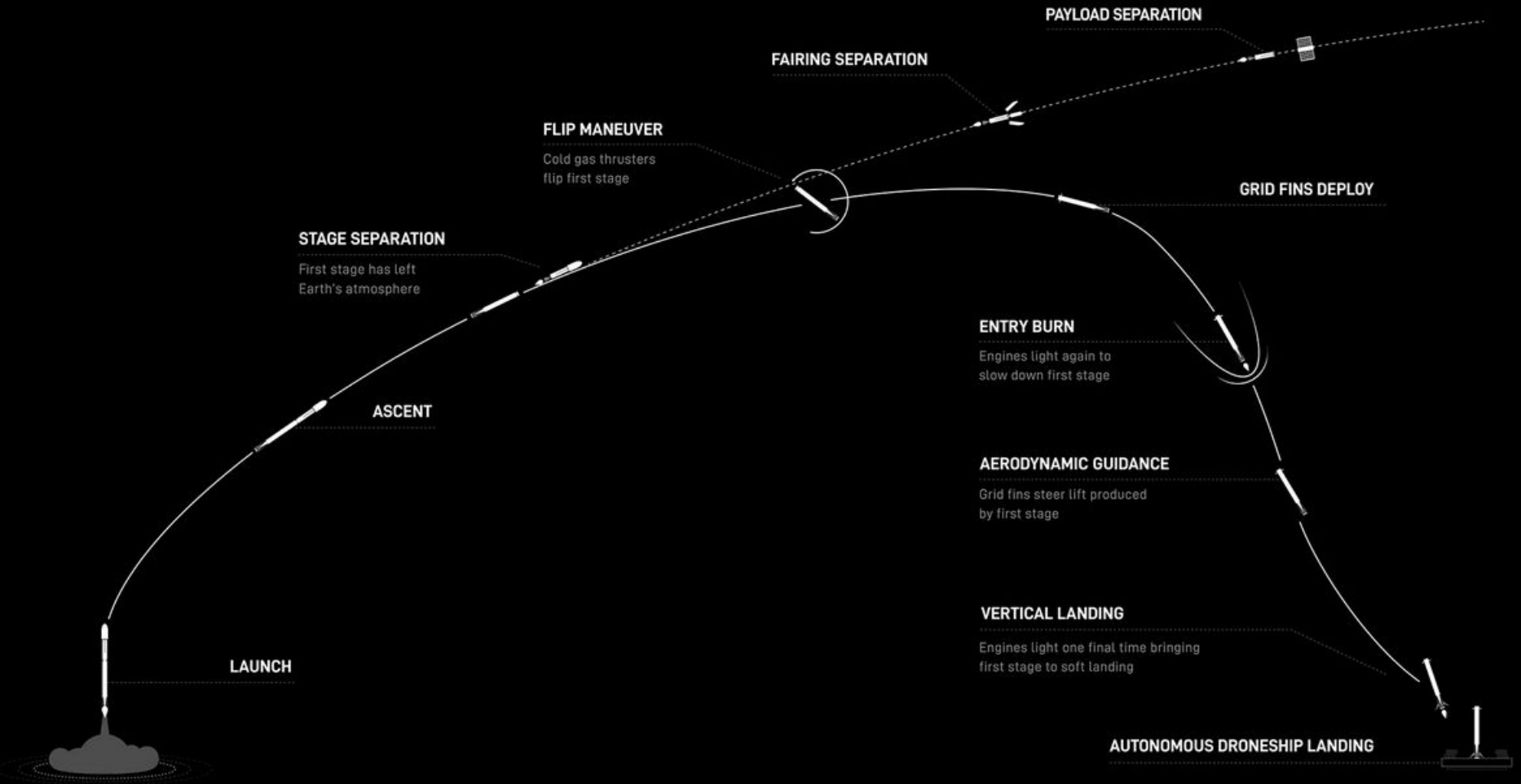
LAUNCH, LANDING, AND DEPLOYMENT

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)
00:02:29	1st and 2nd stages separate
00:02:36	2nd stage engine starts (SES-1)
00:02:56	Fairing deployment
00:06:03	1st stage entry burn begins
00:06:28	1st stage entry burn ends
00:07:42	1st stage landing burn begins
00:08:12	1st stage landing
00:08:36	2nd stage engine cutoff (SECO-1)
00:53:14	2nd stage engine starts (SES-2)
00:53:15	2nd stage engine cutoff (SECO-2)
01:00:07	Starlink satellites deploy