



UPCOMING LAUNCH

STARLINK MISSION

WATCH

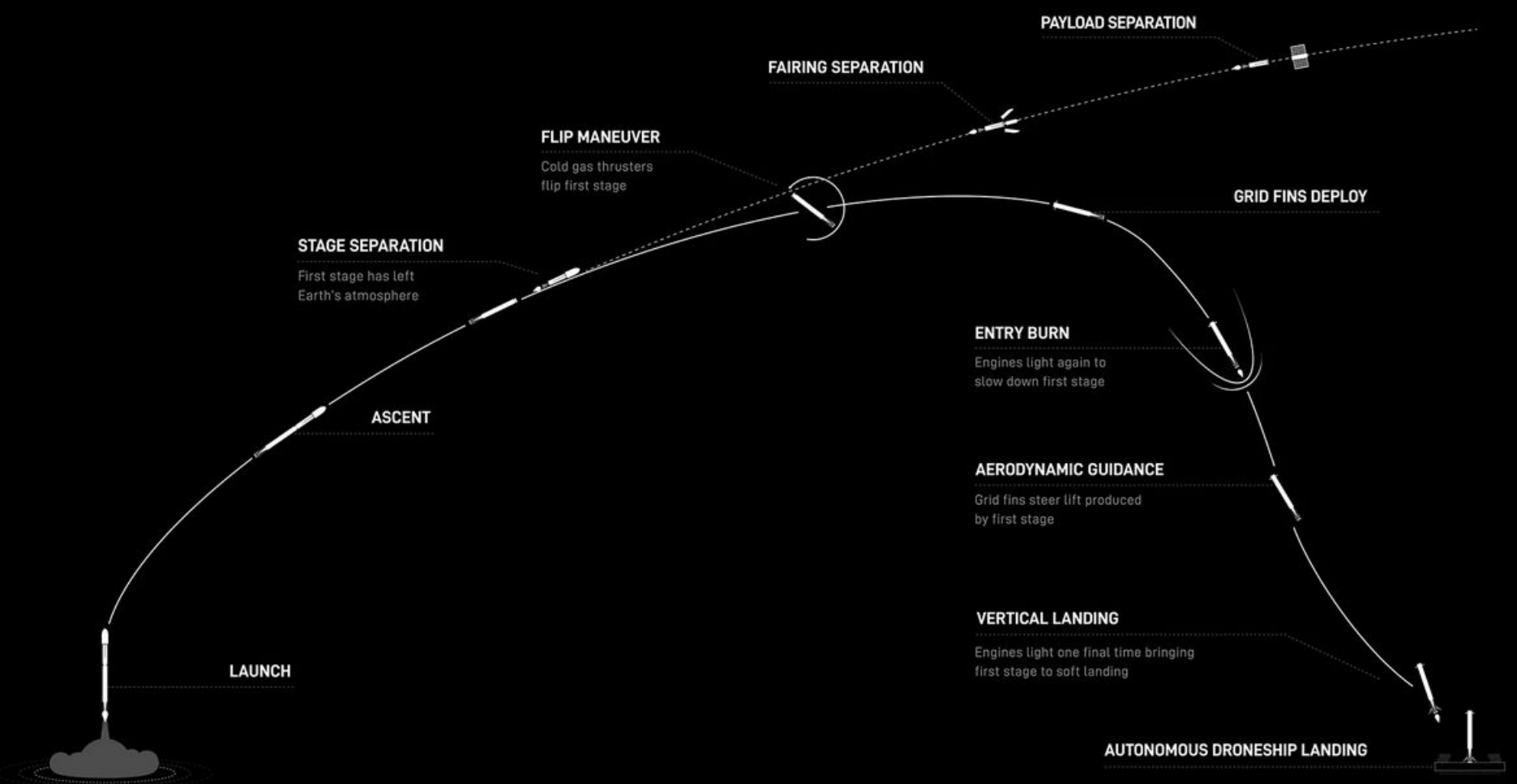
SpaceX is targeting Saturday, October 21 at 12:47 a.m. PT for a Falcon 9 launch of 21 **Starlink** satellites to low-Earth orbit from Space Launch Complex 4 East (SLC-4E) at Vandenberg Space Force Base in California. If needed, three backup opportunities are available starting at 1:23 a.m. PT until 3:00 a.m. PT. Six backup opportunities are also currently available on Saturday, October 21 starting at 11:26 p.m. PT until 2:50 a.m. PT on Sunday, October 22.

A live webcast of this mission will begin on **X @SpaceX** about five minutes prior to liftoff. **Watch live.**

This is the 16th flight for the first stage booster supporting this mission, which previously launched Crew-1, Crew-2, SXM-8, CRS-23, IXPE, Transporter-4, Transporter-5, Globalstar FM15, ISI EROS C-3, 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 are approximate.

HR/MIN/SEC	EVENT
00:01:12	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
00:02:35	2nd stage engine starts (SES-1)
00:03:03	Fairing deployment
00:06:18	1st stage entry burn begins
00:06:41	1st stage entry burn ends
00:08:08	1st stage landing burn begins
00:08:30	1st stage landing
00:08:38	2nd stage engine cutoff (SECO-1)
00:53:32	2nd stage engine starts (SES-2)
00:53:34	2nd stage engine cutoff (SECO-2)
01:02:35	Starlink satellites deploy