UPCOMING LAUNCH

STARLINK MISSION

WATCH

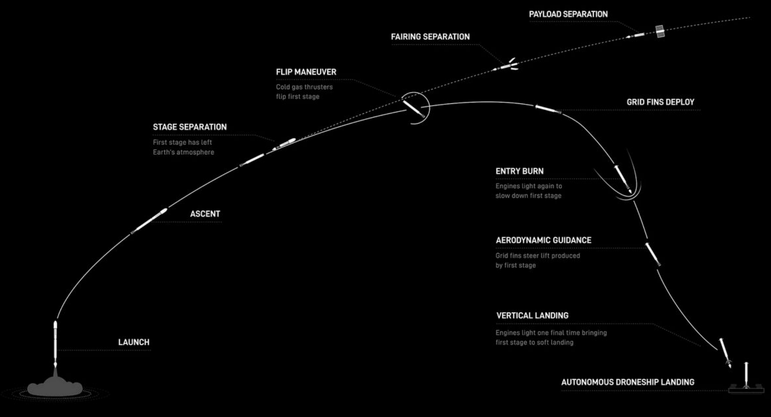
SpaceX is targeting Wednesday, May 8 for a Falcon 9 launch of 20 **Starlink** satellites, including 13 with **Direct to Cell** capabilities, to low-Earth orbit from Space Launch Complex 4 East (SLC-4E) at Vandenberg Space Force Base in California. Liftoff is targeted for 7:48 p.m. PT, with backup opportunities available until 10:30 p.m. PT. If needed, additional opportunities are also available on Thursday, May 9 starting at 7:48 p.m. PT.

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

This is the fourth flight for the first stage booster supporting this mission, which previously launched USSF-62, and two 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)
00:02:31	1st stage main engine cutoff (MECO)
00:02:34	1st and 2nd stages separate
00:02:41	2nd stage engine starts (SES-1)
00:03:05	Fairing deployment
00:06:10	1st stage entry burn begins
00:06:31	1st stage entry burn ends
00:07:55	1st stage landing burn begins
00:08:18	1st stage landing
00:08:43	2nd stage engine cutoff (SECO-1)
00:52:31	2nd stage engine starts (SES-2)
00:52:32	2nd stage engine cutoff (SECO-2)
01:01:25	Starlink satellites deploy