

UPCOMING LAUNCH

STARLINK MISSION

WATCH



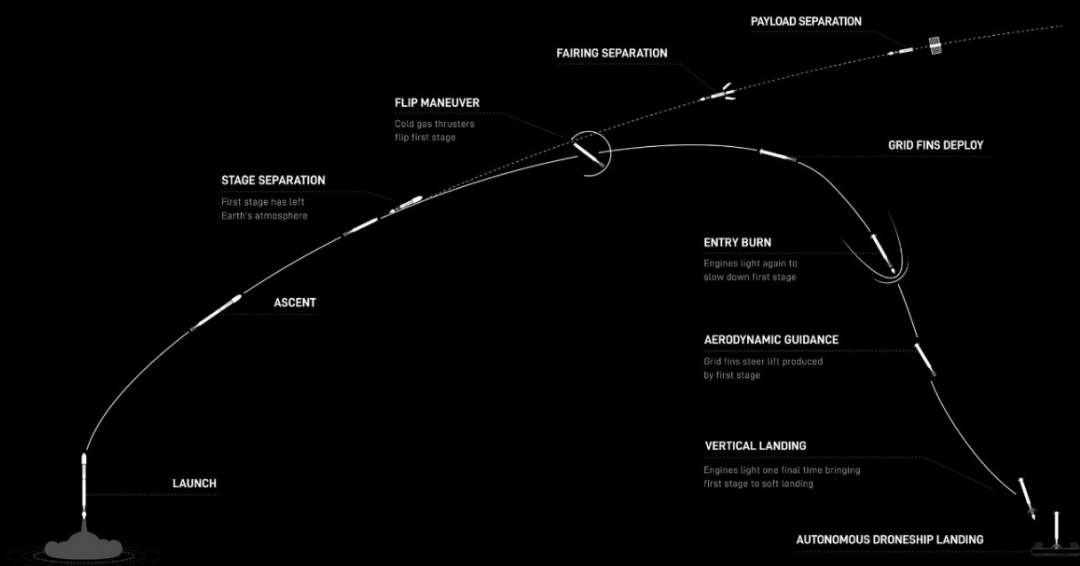
SpaceX is targeting Friday, August 12 for a Falcon 9 launch of 46 Starlink satellites to low-Earth orbit from Space Launch Complex 4 East (SLC-4E) at Vandenberg Space Force Base in California. The instantaneous launch window is at 2:40 p.m. PT (21:40 UTC), and a backup opportunity is available on Saturday, August 13 at 10:40 p.m. PT (05:40 UTC on Sunday, August 14).

The first stage booster supporting this mission previously launched Crew-1, Crew-2, SXM-8, CRS-23, IXPE, Transporter-4, Transporter-5, Globalstar FM15, and one Starlink mission. Following stage separation, Falcon 9's first stage will return to Earth and land on the Of Course I Still Love You dronship stationed in the Pacific Ocean.

A live webcast of this mission will begin about five minutes prior to liftoff.

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)
00:02:29	1st stage main engine cutoff (MECO)
00:02:33	1st and 2nd stages separate
00:02:39	2nd stage engine starts (SES-1)
00:02:44	Fairing deployment
00:06:21	1st stage entry burn start
00:06:41	1st stage entry burn complete
00:08:04	1st stage landing burn start
00:08:25	1st stage landing
00:08:45	2nd stage engine cutoff (SECO-1)
00:53:58	2nd stage engine starts (SES-2)
00:54:00	2nd stage engine cutoff (SECO-2)
01:03:01	Starlink satellites deploy