



UPCOMING LAUNCH
STARLINK MISSION

WATCH

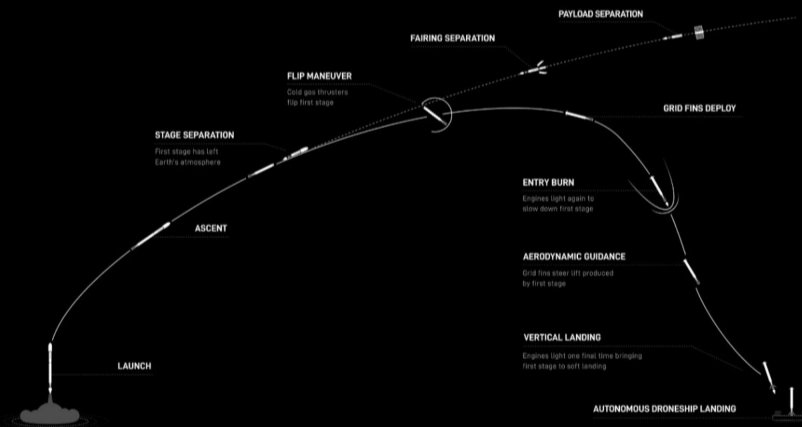
SpaceX is targeting Thursday, February 2 at 2:43 a.m. ET (7:43 UTC) for a Falcon 9 launch of 53 **Starlink** satellites to low-Earth orbit from Launch Complex 39A (LC-39A) at NASA's Kennedy Space Center in Florida. If needed, there are additional launch opportunities the same day at 4:24 a.m. ET (9:24 UTC), and 6:05 a.m. ET (11:05 UTC) with backup opportunities also available on Friday, February 3 at 2:18 a.m. ET (7:18 UTC), 3:59 a.m. ET (8:59 UTC), and 5:40 a.m. ET (10:40 UTC).

The first stage booster supporting this mission previously launched CRS-24, Eutelsat HOTBIRO 13F, OneWeb 1, and one Starlink mission. Following stage separation, the first stage will land on the A Shortfall of Gravitas dronship, which will be stationed in the Atlantic 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 Approximate

HR/MIN/SEC	EVENT
00:01:12	Max Q (moment of peak mechanical stress on the rocket)
00:02:28	1st stage main engine cutoff (MECO)
00:02:31	1st and 2nd stages separate
00:02:38	2nd stage engine starts (SES-1)
00:02:43	Fairing deployment
00:06:41	1st stage entry burn begins
00:07:00	1st stage entry burn ends
00:08:23	1st stage landing burn begins
00:08:35	2nd stage engine cutoff (SECO-1)
00:08:44	1st stage landing
01:03:56	Starlink satellites deploy