

UPCOMING LAUNCH

STARLINK MISSION

WATCH



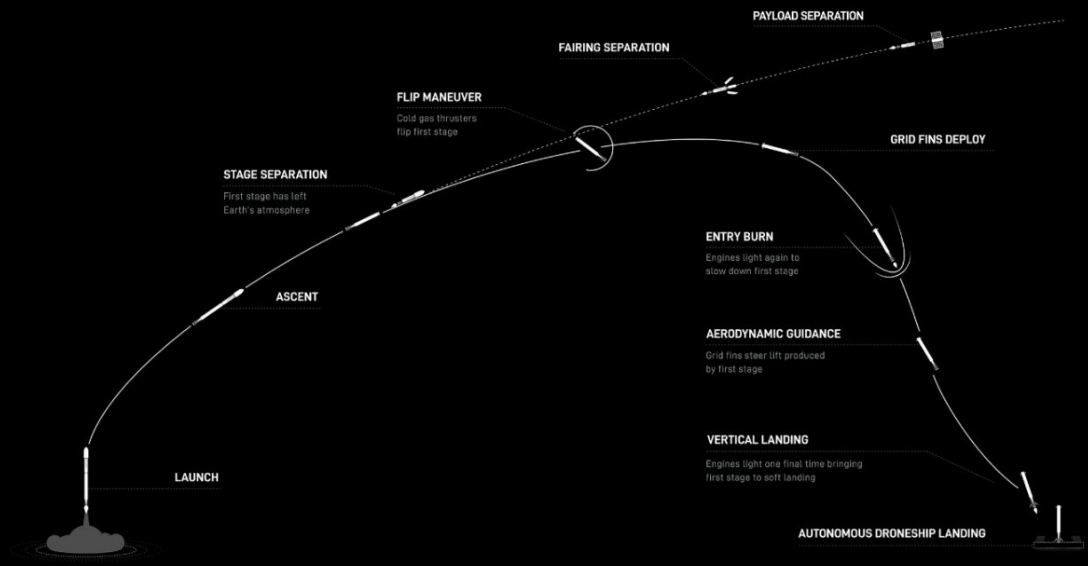
SpaceX is targeting Tuesday, August 9 for a Falcon 9 launch of 52 Starlink satellites to low-Earth orbit from Launch Complex 39A (LC-39A) at Kennedy Space Center in Florida. The instantaneous launch is at 6:57 p.m. ET, or 22:57 UTC, and a backup opportunity is available on Wednesday, August 10 at 6:36 p.m. ET, or 22:36 UTC.

The first stage booster supporting this mission previously launched one Starlink mission and SES-22. Following stage separation, Falcon 9's first stage will return to Earth and land on the A Shortfall of Gravitas droneship 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 are approximate

HR/MIN/SEC	EVENT
00:01:12	Max Q (moment of peak mechanical stress on the rocket)
00:02:26	1st stage main engine cutoff (MECO)
00:02:30	1st and 2nd stages separate
00:02:36	2nd stage engine starts
00:02:41	Fairing deployment
00:06:45	1st stage entry burn start
00:07:06	1st stage entry burn complete
00:08:19	1st stage landing burn start
00:08:43	2nd stage engine cutoff (SECO-1)
00:08:44	1st stage landing
00:15:24	Starlink satellites deploy