



UPCOMING LAUNCH

# STARLINK MISSION

WATCH

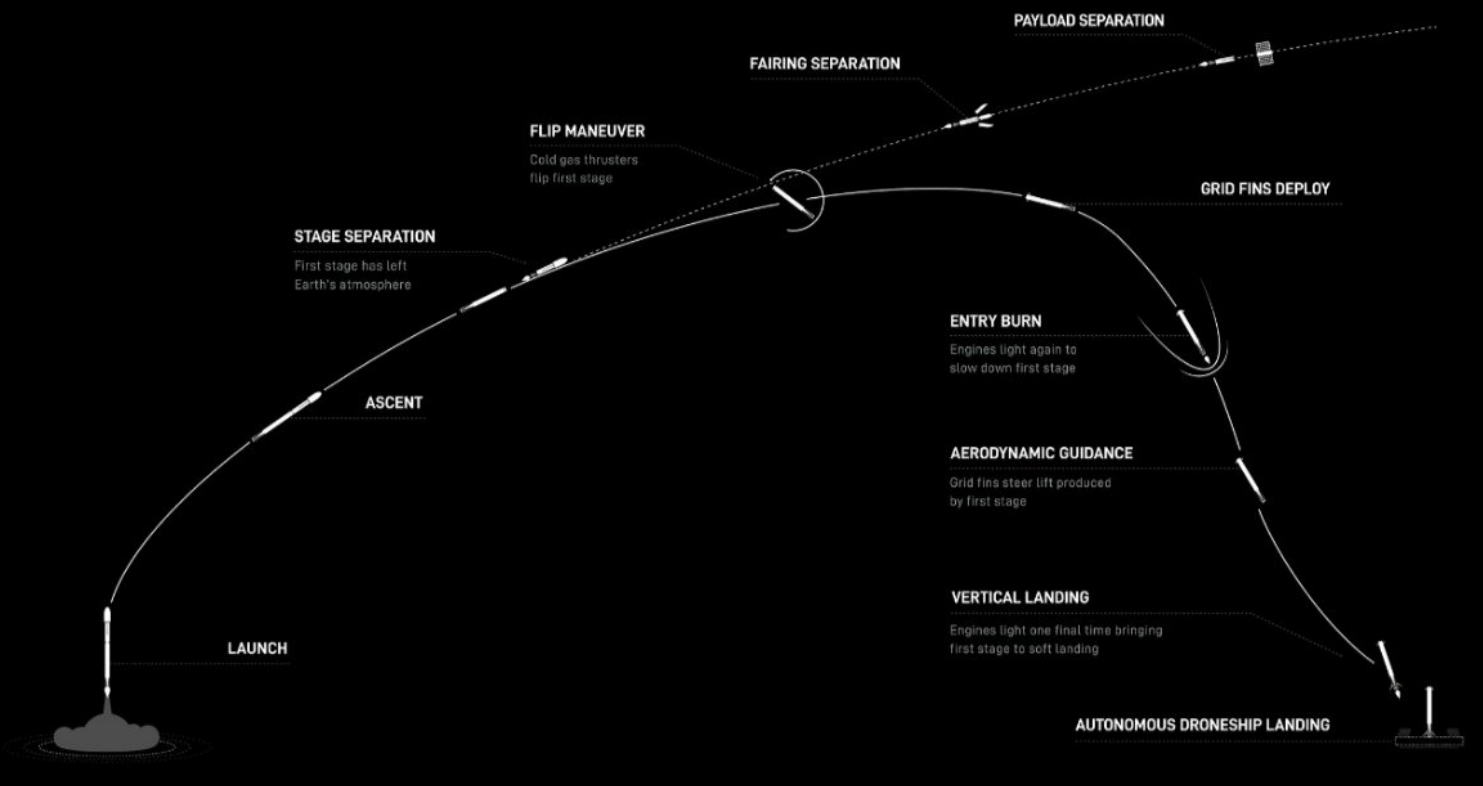
SpaceX is targeting Saturday, August 27 for a Falcon 9 launch of 54 Starlink satellites to low-Earth orbit from Space Launch Complex 40 (SLC-40) at Cape Canaveral Space Force Station in Florida. The instantaneous launch window is at 10:22 p.m. ET (02:22 UTC on August 28).

The first stage booster supporting this mission previously launched CRS-24. 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)
00:02:28	1st stage main engine cutoff (MECO)
00:02:32	1st and 2nd stages separate
00:02:38	2nd stage engine starts
00:02:43	Fairing deployment
00:06:46	1st stage entry burn start
00:07:07	1st stage entry burn complete
00:08:28	1st stage landing burn start
00:08:40	2nd stage engine cutoff (SECO-1)
00:08:49	1st stage landing
00:15:21	Starlink satellites deploy