

UPCOMING LAUNCH

STARLINK MISSION

WATCH

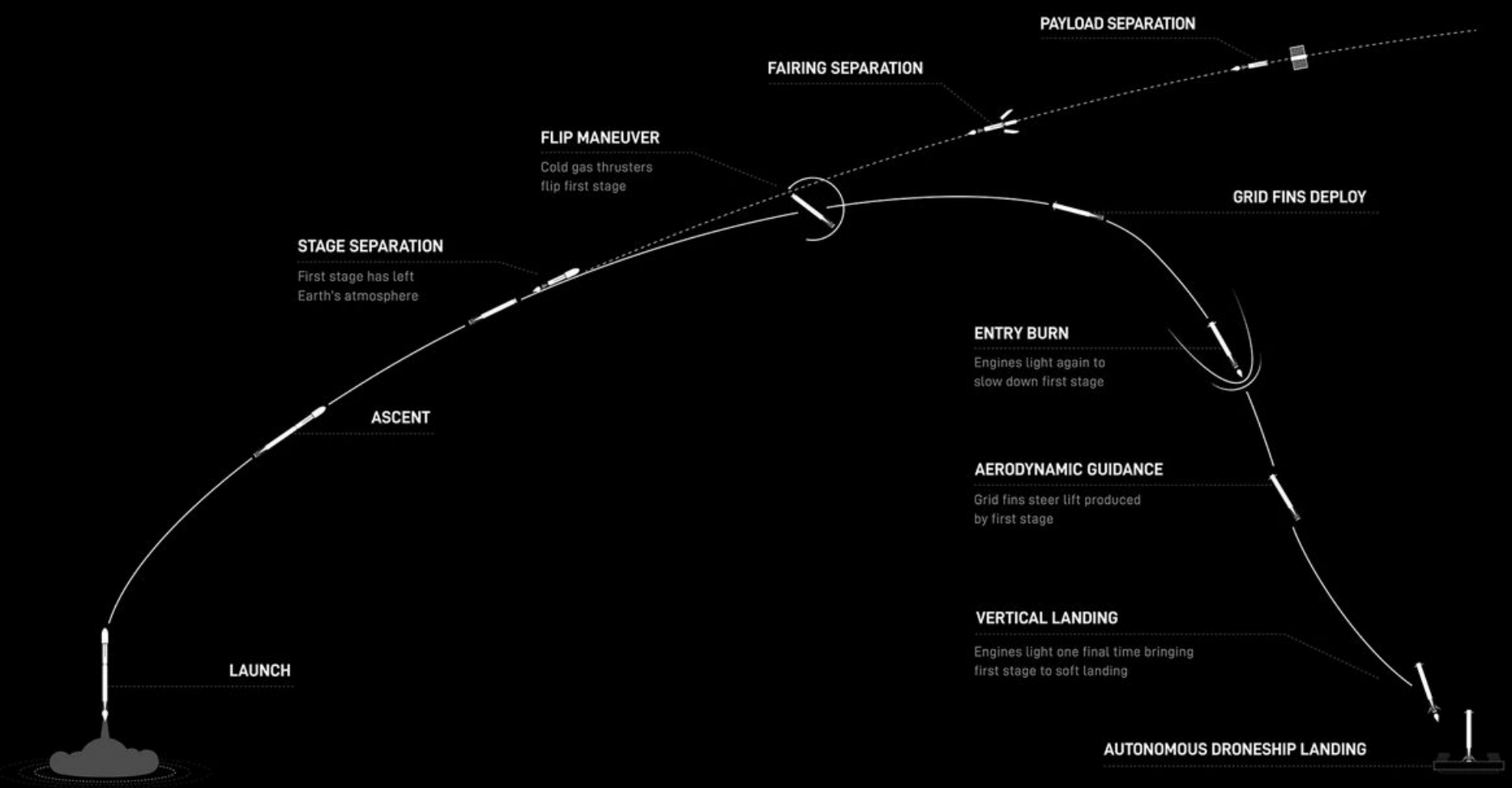
SpaceX is targeting Sunday, October 29 at 7:45 p.m. ET for a Falcon 9 launch of 23 **Starlink** satellites to low-Earth orbit from Space Launch Complex 40 (SLC-40) at Cape Canaveral Space Force Station in Florida. If needed, seven backup opportunities are available starting at 8:17 p.m. ET until 10:47 p.m. ET. Eight backup opportunities are also currently available on Monday, October 30 starting at 7:20 p.m. ET until 10:22 p.m. ET.

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

This is the eighth flight for the first stage booster supporting this mission, which previously launched Crew-5, GPS III Space Vehicle 06, Inmarsat I6-F2, CRS-28, Intelsat G-37, and two Starlink missions. Following stage separation, the first stage will land on the Just Read the Instructions dronship, which will be stationed in the Atlantic 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)
00:02:26	1st stage main engine cutoff (MECO)
00:02:29	1st and 2nd stages separate
00:02:35	2nd stage engine starts (SES-1)
00:03:05	Fairing deployment
00:06:12	1st stage entry burn begins
00:06:32	1st stage entry burn ends
00:08:05	1st stage landing burn begins
00:08:26	1st stage landing
00:08:39	2nd stage engine cutoff (SECO-1)
00:54:09	2nd stage engine starts (SES-2)
00:54:11	2nd stage engine cutoff (SECO-2)
01:05:38	Starlink satellites deploy