

UPCOMING LAUNCH
STARLINK MISSION

WATCH

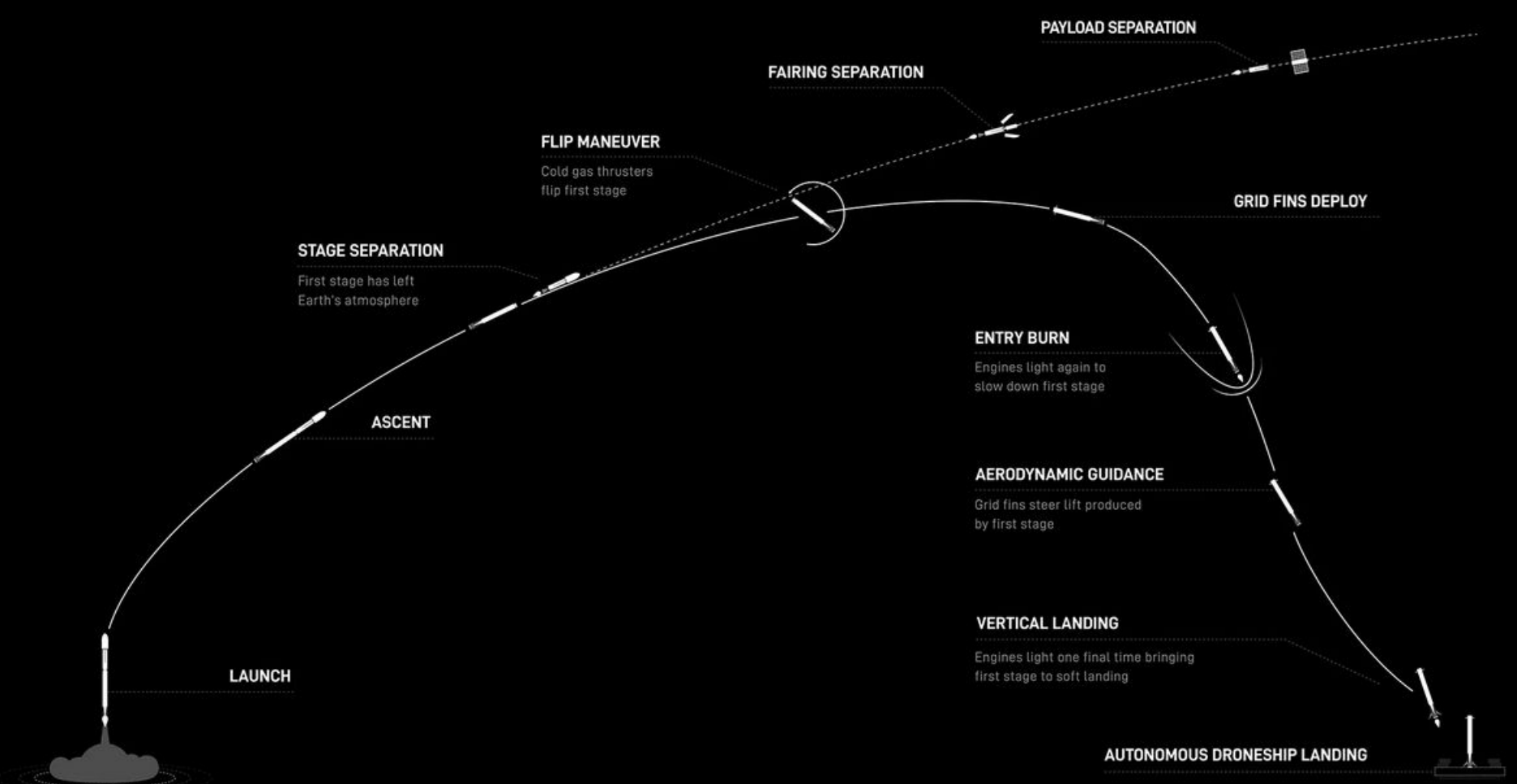
SpaceX is targeting Saturday, October 21 at 10:17 p.m. ET for a Falcon 9 launch of 23 Starlink satellites to low-Earth orbit from Space Launch Complex 40 (SLC-40) at Cape Canaveral Space Force Station in Florida. If needed, five backup opportunities are available starting at 11:07 p.m. ET until 2:15 a.m. ET on Sunday, October 22. Six backup opportunities are also currently available on Sunday, October 22 starting at 9:51 p.m. ET until 1:50 a.m. ET on Monday, October 23.

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

This is the fourth flight for the first stage booster supporting this mission, which previously launched ESA Euclid, Ax-2, and one Starlink mission. Following stage separation, the first stage will land on the A Shortfall of Gravitas droneship, 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)
00:02:30	1st stage main engine cutoff (MECO)
00:02:34	1st and 2nd stages separate
00:02:39	2nd stage engine starts (SES-1)
00:03:12	Fairing deployment
00:06:12	1st stage entry burn begins
00:06:28	1st stage entry burn ends
00:08:01	1st stage landing burn begins
00:08:22	1st stage landing
00:08:43	2nd stage engine cutoff (SECO-1)
00:54:10	2nd stage engine starts (SES-2)
00:54:13	2nd stage engine cutoff (SECO-2)
01:05:29	Starlink satellites deploy