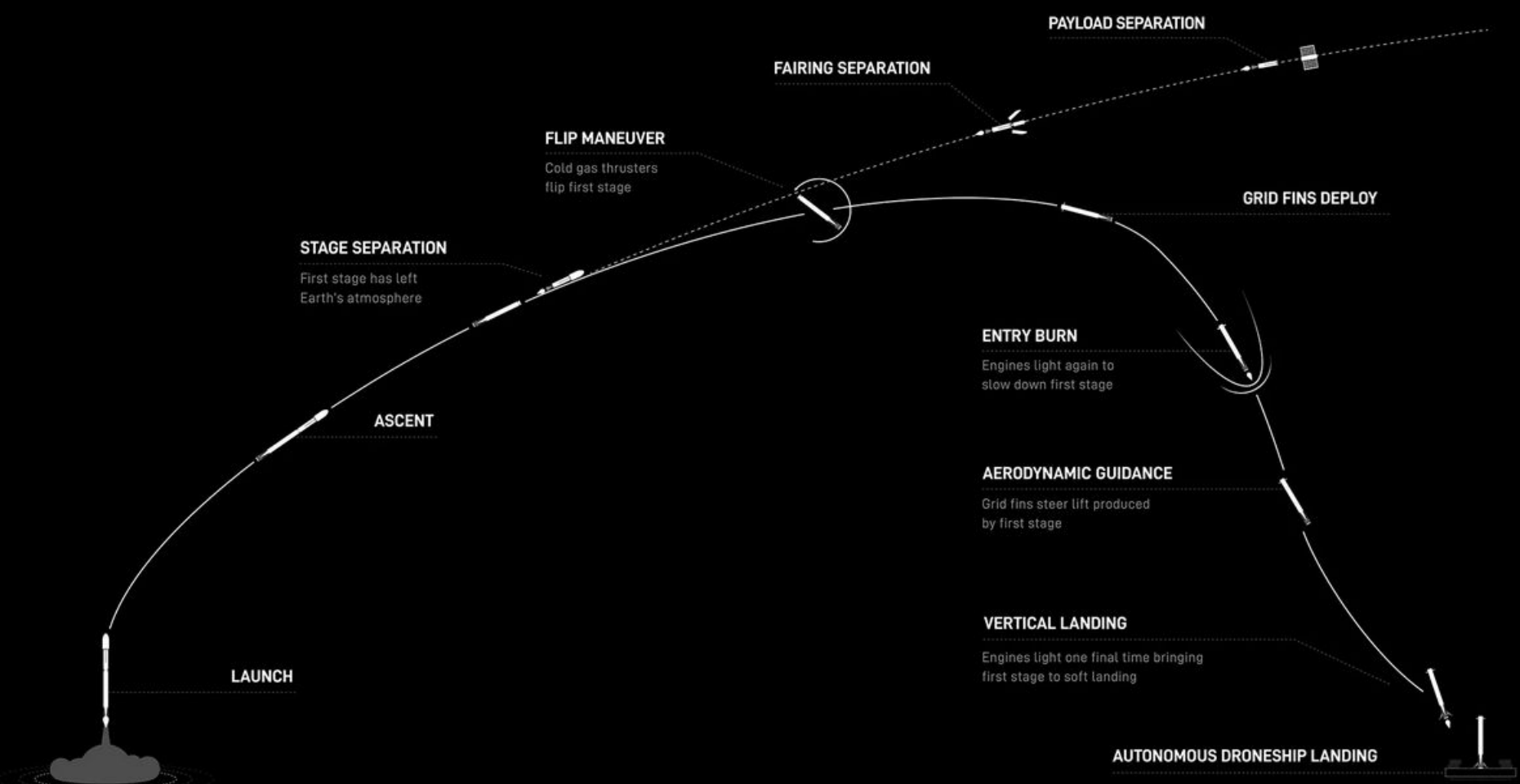UPCOMING LAUNCH

STARLINK MISSION

[WATCH]

⌄

SpaceX is targeting Wednesday, April 17 for a Falcon 9 launch of 23 **Starlink** satellites to low-Earth orbit from Launch Complex 39A (LC-39A) at NASA's Kennedy Space Center in Florida. Liftoff is targeted for 5:26 p.m. ET, with backup opportunities available until 9:24 p.m. ET. If needed, additional opportunities are also available on Thursday, April 18 starting at 5:05 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 12th 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, NG-20, and five Starlink missions. Following stage separation, the first stage will land on the Just Read the Instructions 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)
00:02:26	1st stage main engine cutoff (MECO)
00:02:29	1st and 2nd stages separate
00:02:36	2nd stage engine starts (SES-1)
00:02:56	Fairing deployment
00:06:09	1st stage entry burn begins
00:06:33	1st stage entry burn ends
00:08:01	1st stage landing burn begins
00:08:24	1st stage landing
00:08:39	2nd stage engine cutoff (SECO-1)
00:54:04	2nd stage engine starts (SES-2)
00:54:06	2nd stage engine cutoff (SECO-2)
01:05:13	Starlink satellites deploy