

UPCOMING LAUNCH

# STARLINK MISSION

WATCH



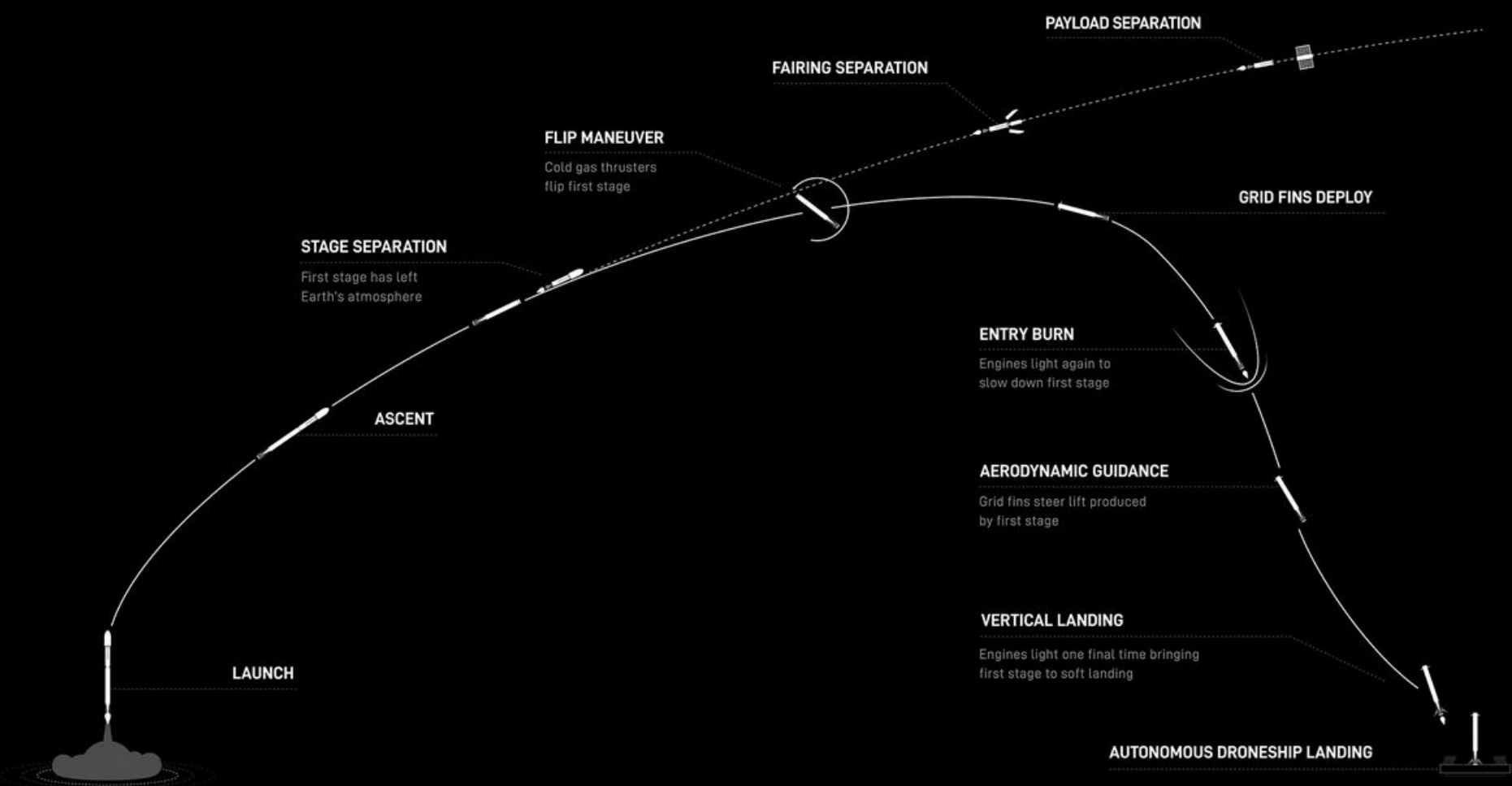
SpaceX is targeting Sunday, April 28 for a Falcon 9 launch of 23 Starlink satellites to low-Earth orbit from Space Launch Complex 40 (SLC-40) at Cape Canaveral Space Force Station in Florida. Liftoff is targeted for 5:50 p.m. ET, with backup opportunities available until 9:50 p.m. ET. If needed, additional opportunities are also available on Monday, April 29 starting at 5:25 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 13th flight for the first stage booster supporting this mission, which previously launched CRS-26, OneWeb Launch 16, Intelsat IS-40e, O3b mPOWER, Ovzon 3, EUTELSAT 36D, and six 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 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)
00:03:01	Fairing deployment
00:06:09	1st stage entry burn begins
00:06:30	1st stage entry burn ends
00:07:56	1st stage landing burn begins
00:08:17	1st stage landing
00:08:39	2nd stage engine cutoff (SECO-1)
00:54:11	2nd stage engine starts (SES-2)
00:54:12	2nd stage engine cutoff (SECO-2)
01:05:20	Starlink satellites deploy