

UPCOMING LAUNCH

STARLINK MISSION

WATCH



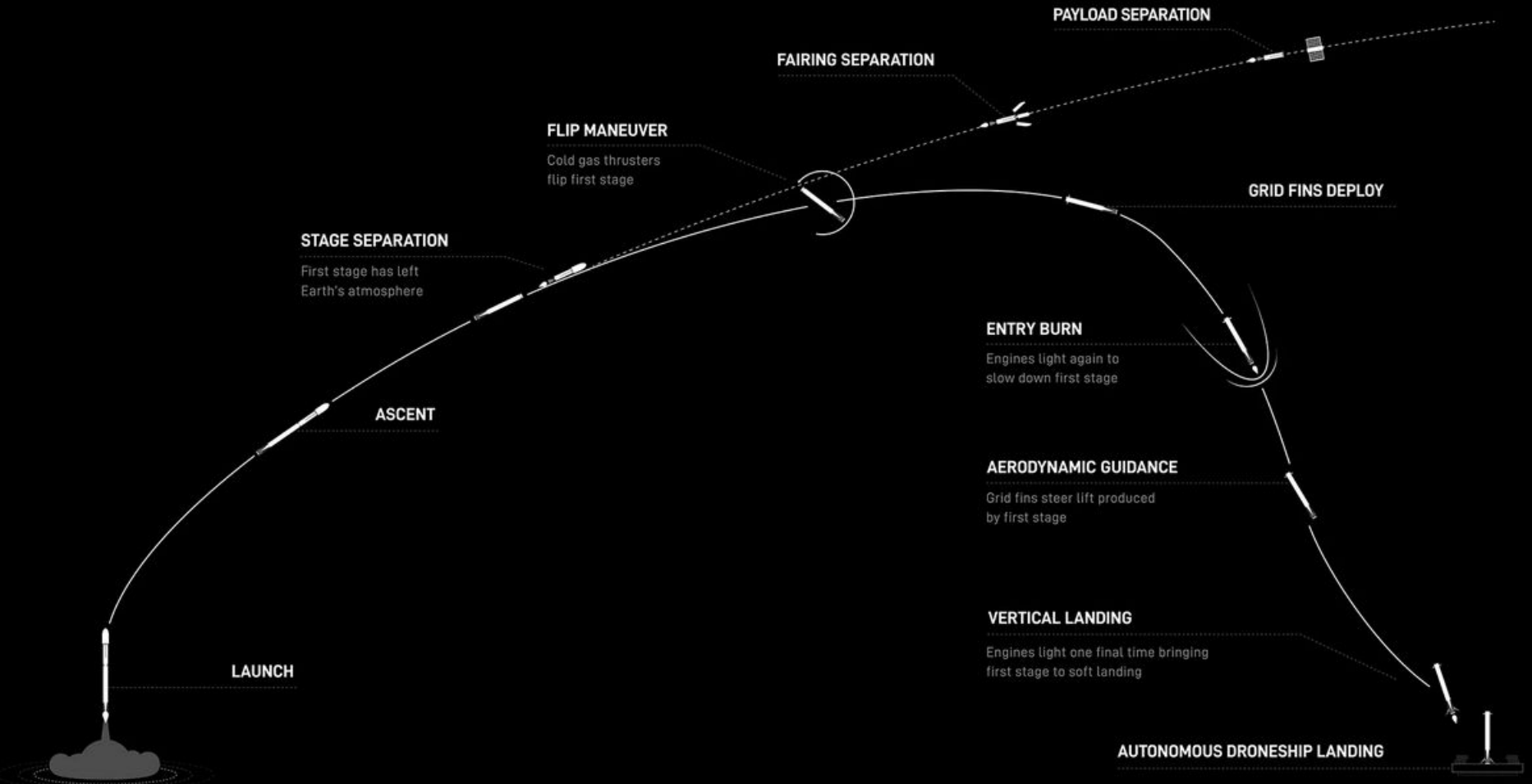
SpaceX is targeting Sunday, February 23 for a Falcon 9 launch of 21 **Starlink** satellites, including 13 with **Direct to Cell** capabilities, to low-Earth orbit from Space Launch Complex 40 (SLC-40) at Cape Canaveral Space Force Station in Florida. Liftoff is targeted for 11:42 p.m. ET, with backup opportunities available until 3:42 a.m. ET on Monday, February 24. If needed, additional launch opportunities are also available on Monday, February 24 starting at 11:14 p.m. ET.

A live webcast of this mission will begin about five minutes prior to liftoff, which you can watch here and on **X @SpaceX**. You can also watch the webcast on the new X TV app.

This will be the first flight for the first stage booster supporting this mission. 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)
00:02:25	1st stage main engine cutoff (MECO)
00:02:29	1st and 2nd stages separate
00:02:36	2nd stage engine starts (SES-1)
00:03:05	Fairing deployment
00:06:03	1st stage entry burn begins
00:06:27	1st stage entry burn ends
00:07:48	1st stage landing burn begins
00:08:14	1st stage landing
00:08:41	2nd stage engine cutoff (SECO-1)
00:54:05	2nd stage engine starts (SES-2)
00:54:07	2nd stage engine cutoff (SECO-2)
01:05:14	Starlink satellites deploy