

UPCOMING LAUNCH

STARLINK MISSION

WATCH

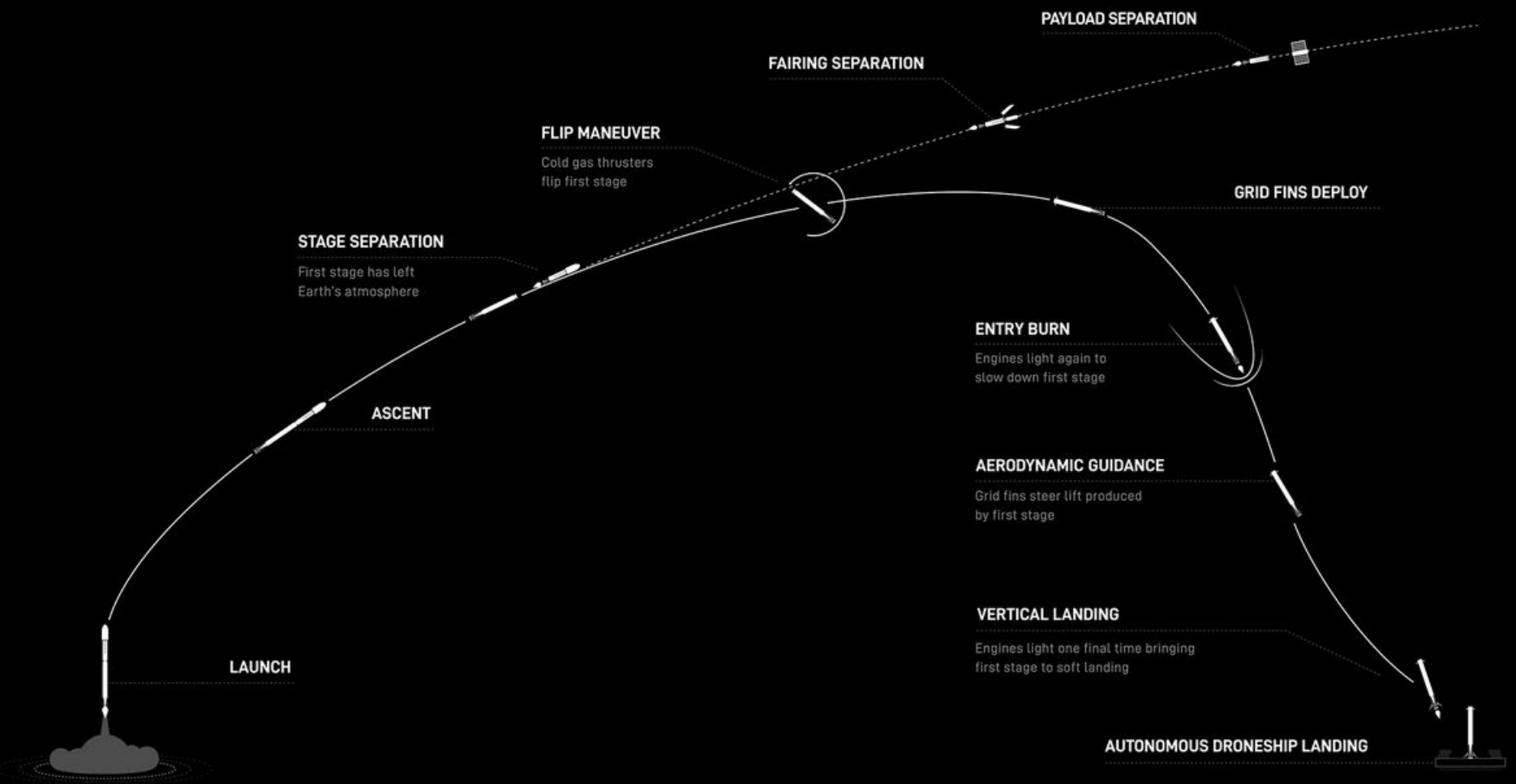
SpaceX is targeting Friday, October 18 for a Falcon 9 launch of 20 **Starlink** satellites, including 13 with **Direct to Cell** capabilities, to low-Earth orbit from Space Launch Complex 40 (SLC-40) at Cape Canaveral Space Force Station in Florida. Liftoff is targeted for 7:31 p.m. ET. If needed, an additional opportunity is also available on Saturday, October 19 at 7:06 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 is the 17th flight for the first stage booster supporting this mission, which previously launched mPOWER-C, OneWeb 2, Intelsat 40e, Digital Globe 2, Turksat-6A, Eutelsat 36X, Osvon-3, CRS-26, and eight 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
00:01:09	Max Q (Moment of peak mechanical stress on the rocket)
00:02:24	1st stage main engine cutoff (MECO)
00:02:28	1st and 2nd stages separate
00:02:35	2nd stage engine starts (SES-1)
00:02:58	Fairing deployment
00:06:08	1st stage entry burn begins
00:06:32	1st stage entry burn ends
00:07:55	1st stage landing burn begins
00:08:20	1st stage landing
00:08:38	2nd stage engine cutoff (SECO-1)
00:54:48	2nd stage engine starts (SES-2)
00:54:50	2nd stage engine cutoff (SECO-2)
01:03:42	Starlink satellites deploy