



UPCOMING LAUNCH

STARLINK MISSION

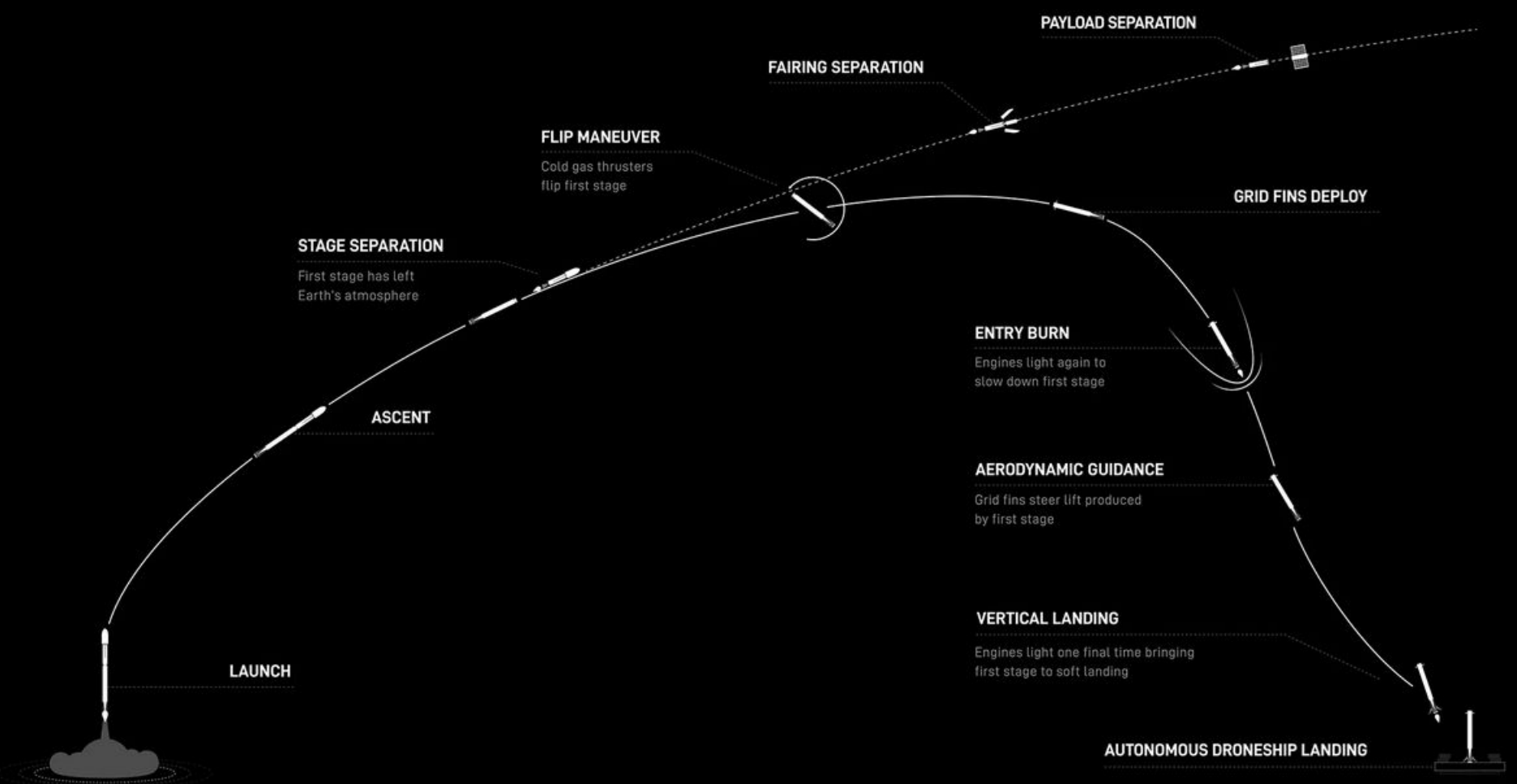
SpaceX is targeting Tuesday, October 17 at 5:20 p.m. ET for a Falcon 9 launch of 22 Starlink satellites to low-Earth orbit from Space Launch Complex 40 (SLC-40) at Cape Canaveral Space Force Station in Florida. If needed, five backup opportunities are available starting at 6:11 p.m. ET until 8:48 p.m. ET. Six backup opportunities are also currently available on Wednesday, October 18 starting at 4:55 p.m. ET until 8:23 p.m. ET.

This is the 16th flight for the first stage booster supporting this mission, which previously launched GPS III Space Vehicle 04, GPS III Space Vehicle 05, Inspiration4, Ax-1, Nilesat 301, OneWeb Launch 17, ARABSAT BADR-8, 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.

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

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)
00:02:24	1st stage main engine cutoff (MECO)
00:02:28	1st and 2nd stages separate
00:02:34	2nd stage engine starts (SES-1)
00:03:05	Fairing deployment
00:06:08	1st stage entry burn begins
00:06:32	1st stage entry burn ends
00:08:07	1st stage landing burn begins
00:08:28	1st stage landing
00:08:34	2nd stage engine cutoff (SECO-1)
00:53:59	2nd stage engine starts (SES-2)
00:54:01	2nd stage engine cutoff (SECO-2)
01:05:17	Starlink satellites deploy