

UPCOMING LAUNCH

STARLINK MISSION

WATCH

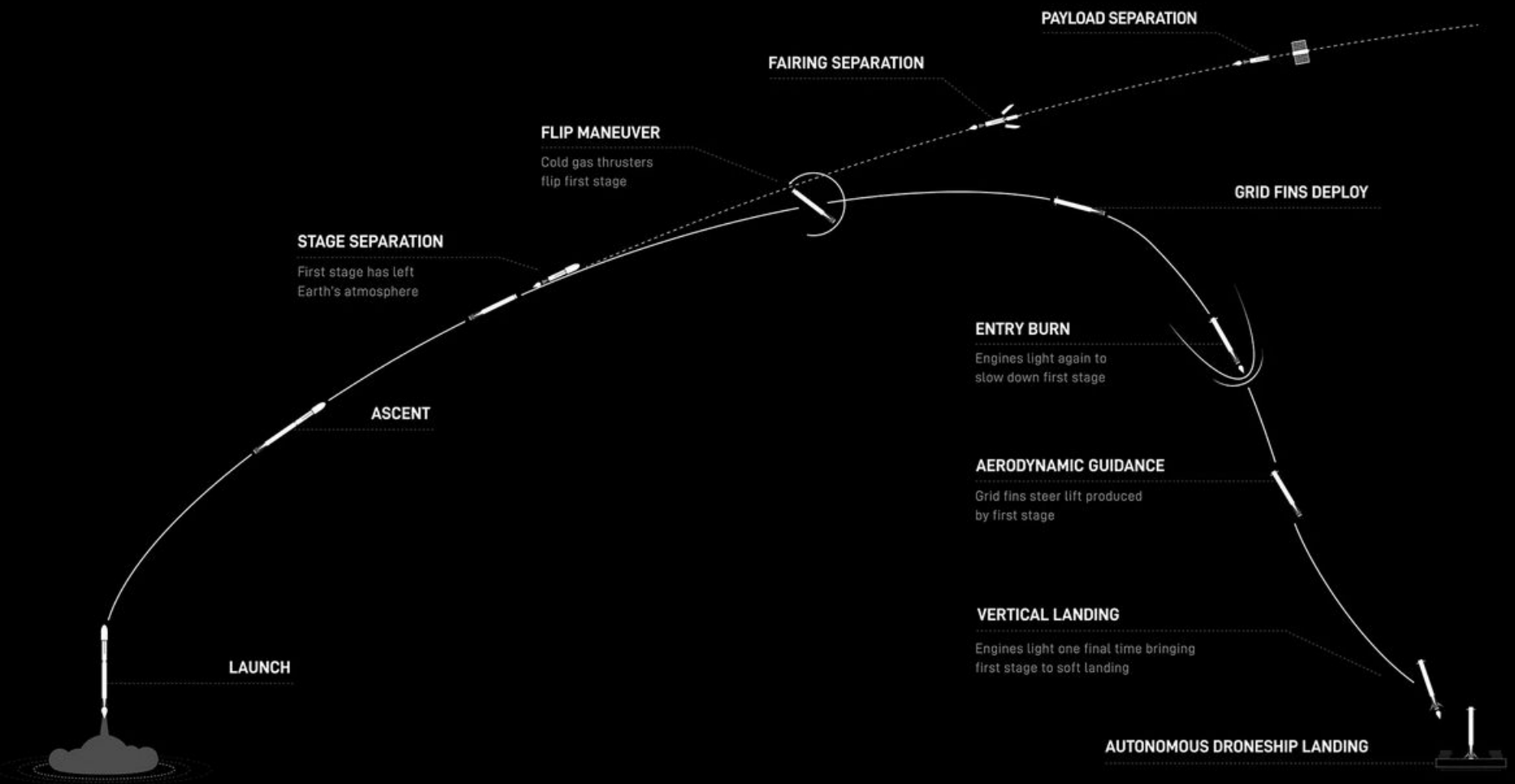
SpaceX is targeting Tuesday, August 20 for a Falcon 9 launch of 22 **Starlink** satellites to low-Earth orbit from Space Launch Complex 40 (SLC-40) at Cape Canaveral Space Force Station in Florida. Liftoff is targeted for 9:20 a.m. ET. If needed, additional launch opportunities are available on Wednesday, August 21 starting at 4:58 a.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**.

This is the first flight for the first stage booster supporting this mission. Following stage separation, the first stage will land on the A Shortfall of Gravitas 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 Approximate

HR/MIN/SEC	EVENT
00:01:12	Max Q (Moment of peak mechanical stress on the rocket)
00:02:29	1st stage main engine cutoff (MECO)
00:02:32	1st and 2nd stages separate
00:02:39	2nd stage engine starts (SES-1)
00:03:00	Fairing separation
00:06:03	1st stage entry burn begins
00:06:26	1st stage entry burn ends
00:07:50	1st stage landing burn begins
00:08:14	1st stage landing
00:08:42	2nd stage engine cutoff (SECO-1)
00:54:57	2nd stage engine starts (SES-2)
00:54:58	2nd stage engine cutoff (SECO-2)
01:03:51	Starlink satellites deploy