



UPCOMING LAUNCH

STARLINK MISSION

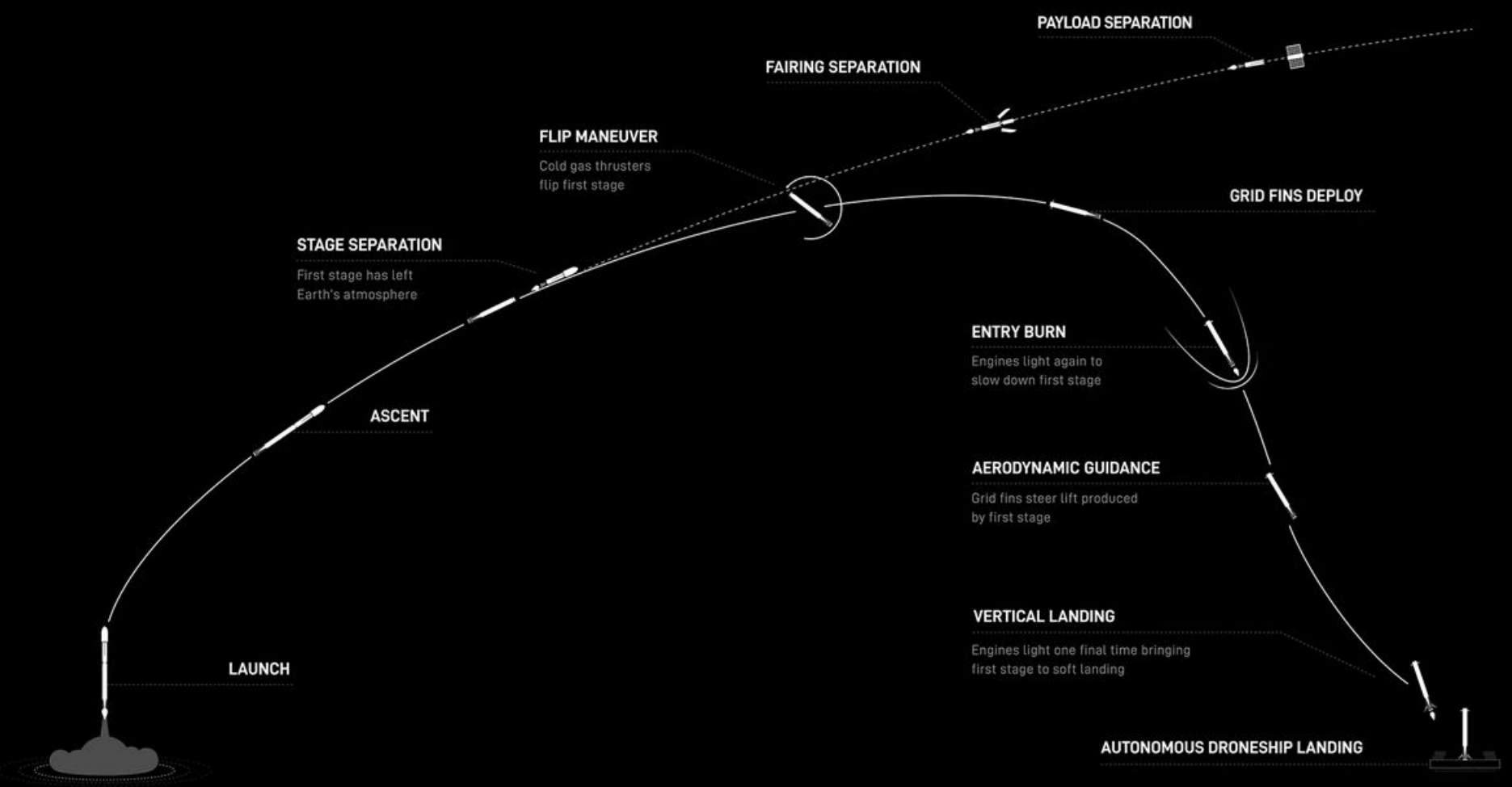
SpaceX is targeting Friday, September 8 at 7:56 p.m. ET (23:56 UTC) for a Falcon 9 launch of 22 **Starlink** satellites to low-Earth orbit from Space Launch Complex 40 (SLC-40) at Cape Canaveral Space Force Station in Florida. If needed, two backup opportunities are available at 11:12 p.m. ET (03:12 UTC on September 9) and 11:30 p.m. ET (03:30 UTC on September 9). Three backup opportunities are also currently available on Saturday, September 9 starting at 7:25 p.m. ET (23:25 UTC) until 10:59 p.m. ET (02:59 UTC on September 10).

This is the seventh flight for the first stage booster supporting this mission, which previously launched CRS-26, OneWeb Launch 16, Intelsat IS-40e, and three Starlink missions. Following stage separation, the first stage will land on the A Shortfall of Gravitas 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



COUNTDOWN

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)
00:03:03	Fairing deployment
00:06:09	1st stage entry burn begins
00:06:31	1st stage entry burn ends
00:08:01	1st stage landing burn begins
00:08:35	1st stage landing
00:08:39	2nd stage engine cutoff (SECO-1)
00:54:04	2nd stage engine starts (SES-2)
00:54:06	2nd stage engine cutoff (SECO-2)
01:05:14	Starlink satellites deploy