

UPCOMING LAUNCH

# STARLINK MISSION

WATCH

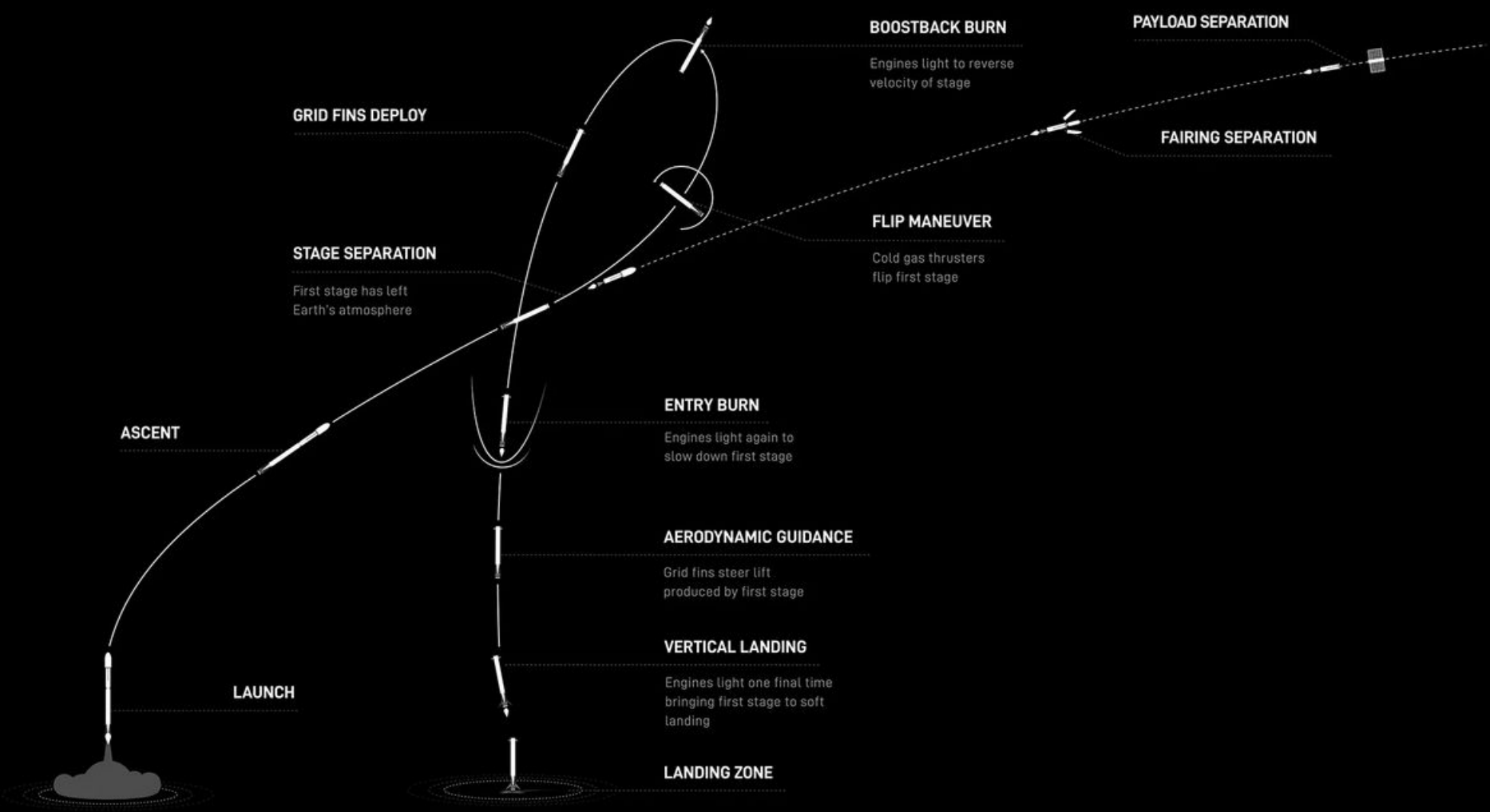
SpaceX is targeting Sunday, July 28 for a Falcon 9 launch of 23 **Starlink** satellites to low-Earth orbit from Space Launch Complex 40 (SLC-40) at Cape Canaveral Space Force Station in Florida. Liftoff is targeted for 12:17 a.m. ET, with backup opportunities available until 4:01 a.m. ET. If needed, additional opportunities are also available on Monday, July 29 starting at 12:20 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 14th flight for the first stage booster supporting this mission, which previously launched Crew-5, GPS III Space Vehicle 06, Inmarsat 16-F2, CRS-28, Intelsat G-37, NG-20, and seven Starlink missions. 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
00:01:11	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)
00:02:57	Fairing deployment
00:06:06	1st stage entry burn begins
00:06:27	1st stage entry burn ends
00:07:45	1st stage landing burn begins
00:08:14	1st stage landing
00:08:41	2nd stage engine cutoff (SECO-1)
00:54:47	2nd stage engine starts (SES-2)
00:54:49	2nd stage engine cutoff (SECO-2)
01:03:41	Starlink satellites deploy