

UPCOMING LAUNCH

# INTELSAT G-37 MISSION

WATCH

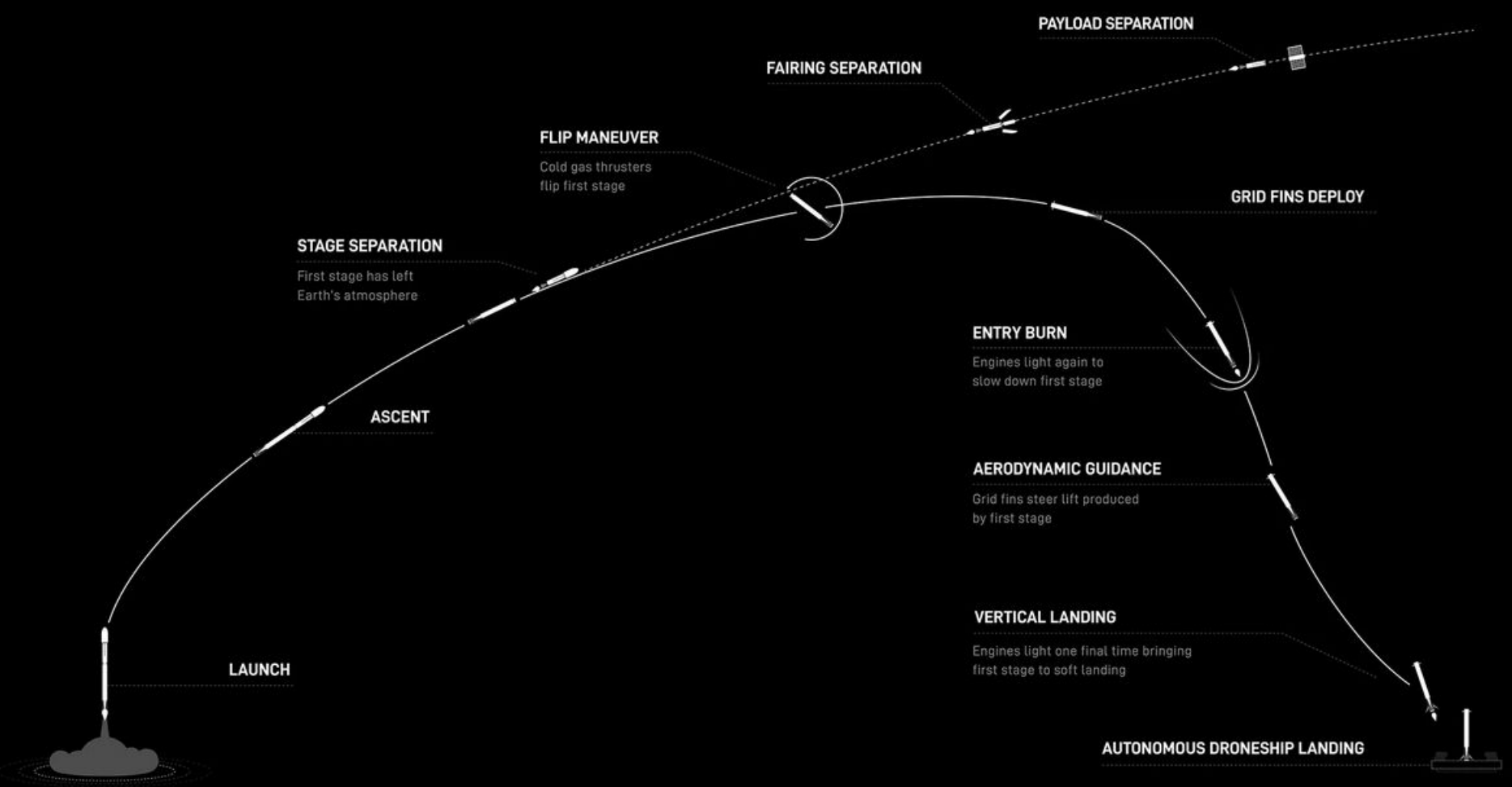
SpaceX is targeting Thursday, August 3 for Falcon 9's launch of the **Intelsat G-37 mission** to a geosynchronous transfer orbit from Space Launch Complex 40 (SLC-40) at Cape Canaveral Space Force Station in Florida. The two-hour launch window opens at 12:15 a.m. ET (04:15 UTC). If needed, a backup opportunity is available Friday, August 4 with the same window.

The first stage booster supporting this mission previously launched Crew-5, GPS III-6, Inmarsat I6-F2, CRS-28, and one Starlink mission. 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 about 15 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
00:01:14	Max Q (moment of peak mechanical stress on the rocket)
00:02:33	1st stage main engine cutoff (MECO)
00:02:36	1st and 2nd stages separate
00:02:44	2nd stage engine starts (SES-1)
00:03:34	Fairing deployment
00:06:23	1st stage entry burn starts
00:06:45	1st stage entry burn ends
00:08:08	2nd stage engine cutoff (SECO-1)
00:08:26	1st stage landing burn start
00:08:30	1st stage landing
00:26:33	2nd stage engine starts (SES-2)
00:27:30	2nd stage engine cutoff (SECO-2)
00:32:31	Galaxy 37/Horizons 4 deploys