

UPCOMING LAUNCH

SPAINSAT NG I MISSION

WATCH

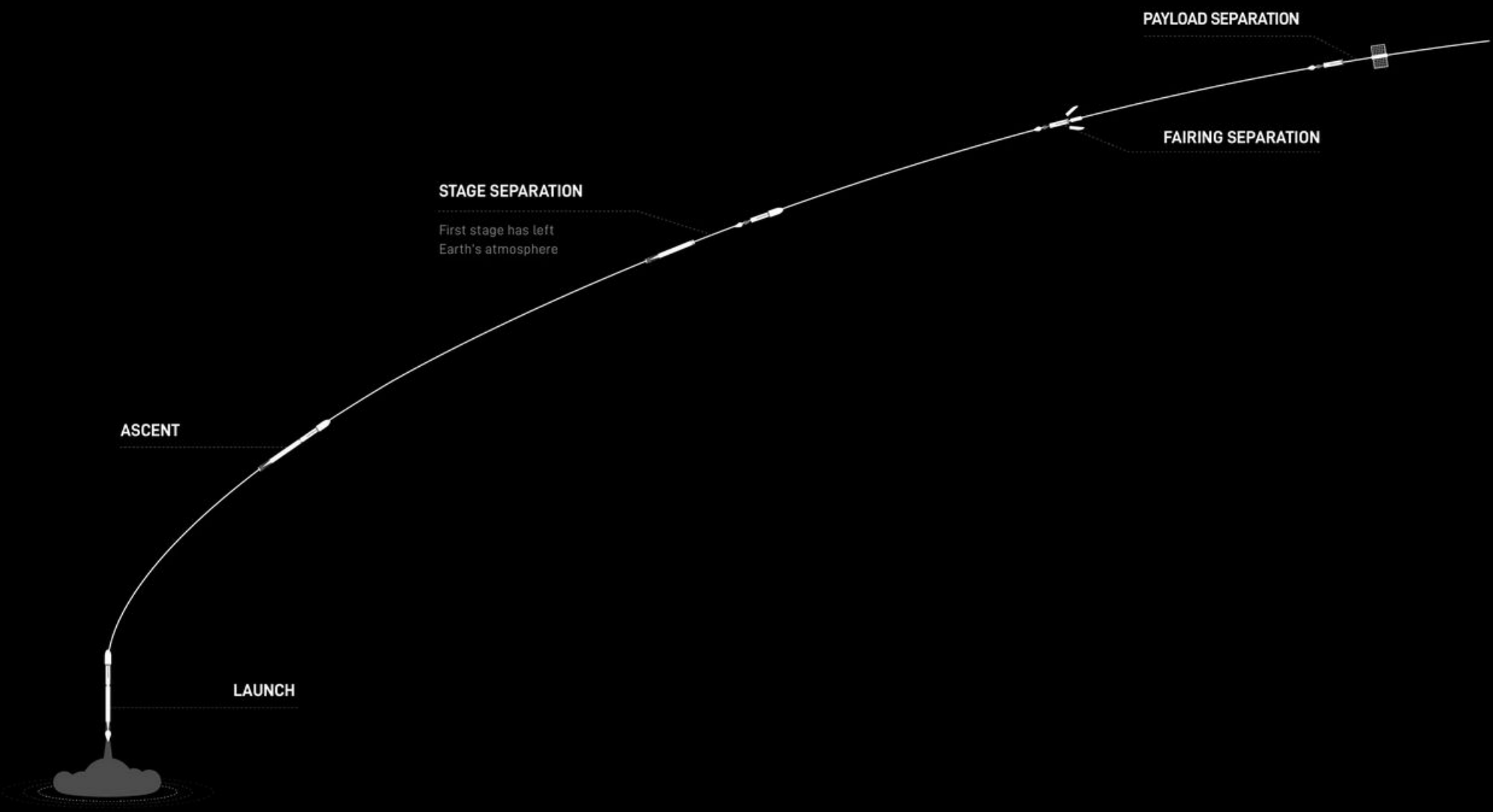
SpaceX is targeting Wednesday, January 29 for a Falcon 9 launch of the Hisdesat **SpainSat NG I** mission to geosynchronous transfer orbit from Launch Complex 39A (LC-39A) at Kennedy Space Center in Florida. The two-hour window opens at 8:34 p.m. ET. If needed, a backup opportunity is available on Thursday, January 30 at the same time.

A live webcast of this mission will begin about 15 minutes prior to liftoff, which you can watch here and on **X @SpaceX**. You can also watch the webcast on the new X TV app.

Due to the additional performance required to deliver this payload to orbit, this will be the 21st and final flight for the Falcon 9 first stage booster supporting this mission, which previously launched SES-22, ispace's HAKUTO-R MISSION 1, Amazonas-6, CRS-27, Bandwagon-1, GSAT-20, Thuraya-4, and 13 Starlink missions.

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 AND DEPLOYMENT

All Times Approximate

HR/MIN/SEC	EVENT
00:01:17	Max Q (moment of peak mechanical stress on the rocket)
00:02:40	1st stage main engine cutoff (MECO)
00:02:43	1st and 2nd stages separate
00:02:50	2nd stage engine starts (SES-1)
00:03:37	Fairing separation
00:08:00	2nd stage engine cutoff (SECO-1)
00:26:37	2nd stage engine starts (SES-2)
00:27:43	2nd stage engine cutoff (SECO-2)
00:31:24	SpainSat NG I deploys