



UPCOMING LAUNCH

# GALILEO L12 MISSION

WATCH

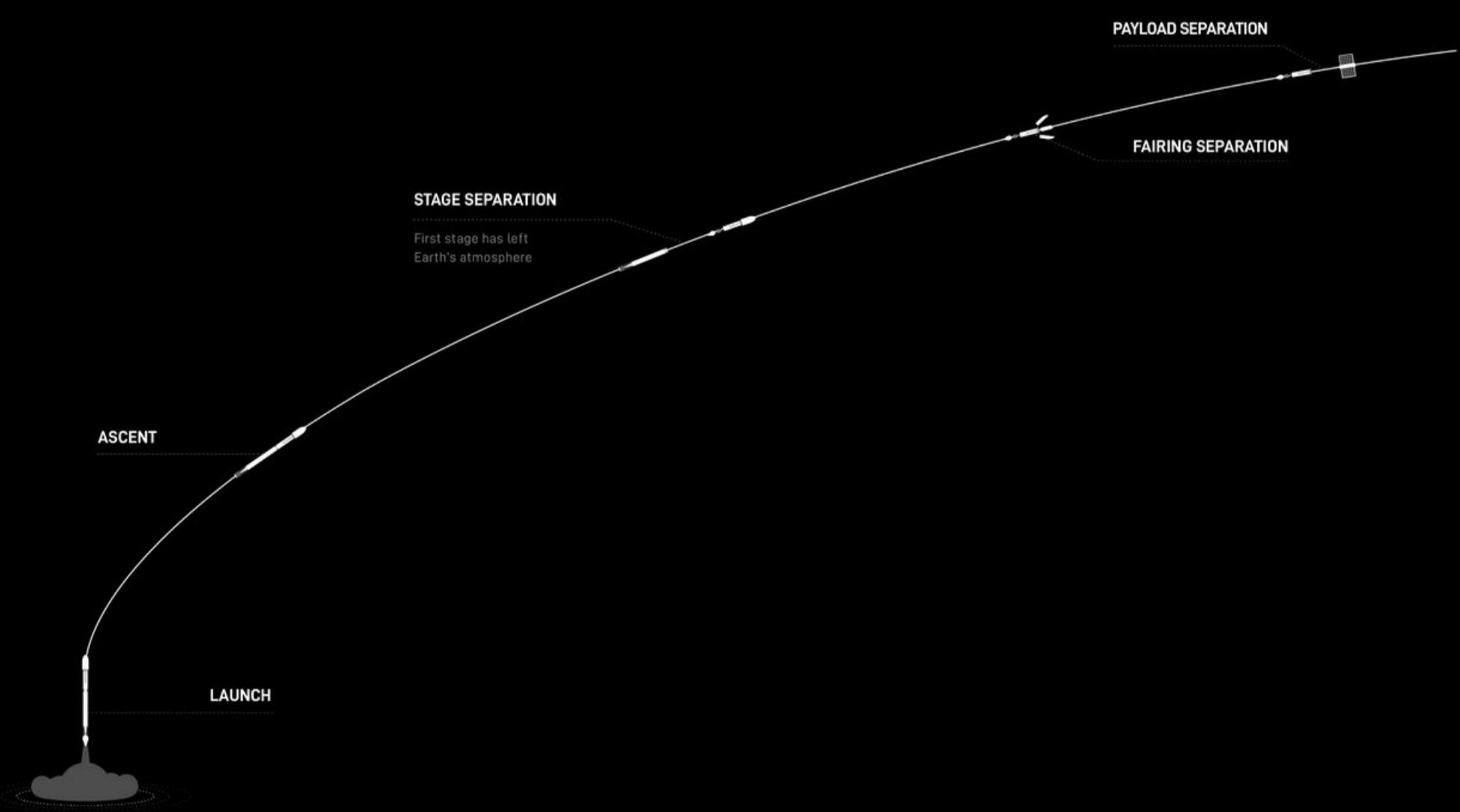
SpaceX is targeting Saturday, April 27 at 8:34 p.m. ET for a Falcon 9 launch of the European Commission's Galileo L12 mission to medium Earth orbit from Launch Complex 39A (LC-39A) at Kennedy Space Center in Florida. If needed, there is a backup opportunity on Sunday, April 28 at 8:30 p.m. ET.

A live webcast of this mission will begin on [X @SpaceX](#) about 10 minutes prior to liftoff. **Watch live.**

Due to the additional performance required to deliver the payload to medium Earth orbit, this mission marks the 20th and final launch for this Falcon 9 first stage booster, which previously launched GPS III-3, Turksat 5A, Transporter-2, Intelsat G-33/G-34, Transporter-6, Intuitive Machines IM-1, 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

All Times Approximate

HR/MIN/SEC	EVENT
00:01:14	Max Q (moment of peak mechanical stress on the rocket)
00:02:45	1st stage main engine cutoff (MECO)
00:02:48	1st and 2nd stages separate
00:02:55	2nd stage engine starts (SES-1)
00:03:39	Fairing deployment