

UPCOMING LAUNCH

STARLINK MISSION

WATCH

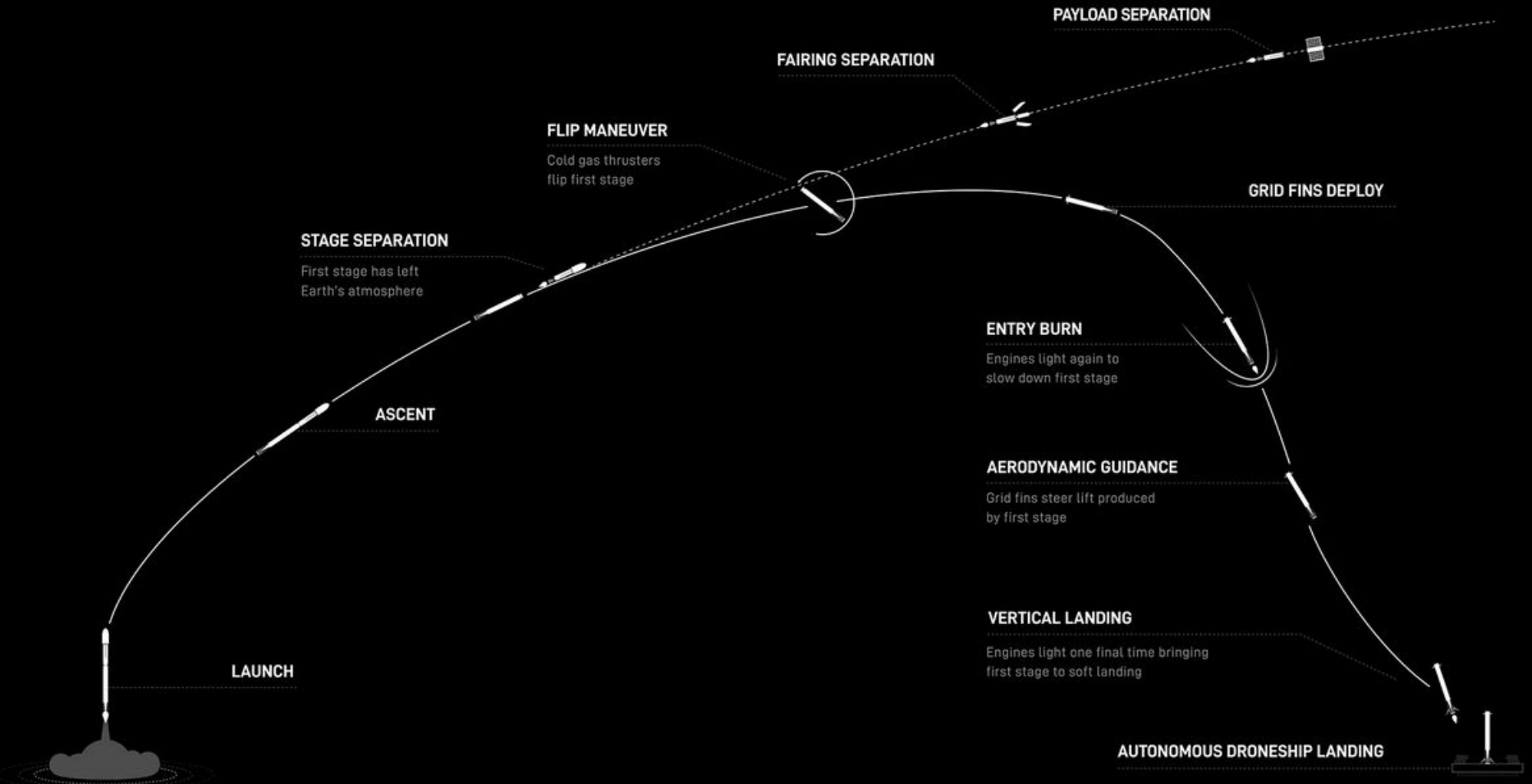
SpaceX is targeting Tuesday, January 21 for a Falcon 9 launch of 21 **Starlink** satellites to low-Earth orbit from Launch Complex 39A (LC-39A) at NASA's Kennedy Space Center in Florida. Liftoff is targeted for 12:24 a.m. ET, with backup opportunities available until 4:11 a.m. ET. If needed, additional launch opportunities are also available on Wednesday, January 22 starting at 1:07 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**. You can also watch the webcast on the new X TV app.

This is the 8th flight for the first stage booster supporting this mission, which previously launched Crew-8, Polaris Dawn, CRS-31, Astranis: From One to Many, 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.

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
00:01:10	Max Q (Moment of peak mechanical stress on the rocket)
00:02:25	1st stage main engine cutoff (MECO)
00:02:28	1st and 2nd stages separate
00:02:35	2nd stage engine starts (SES-1)
00:03:05	Fairing deployment
00:05:59	1st stage entry burn begins
00:06:27	1st stage entry burn ends
00:07:48	1st stage landing burn begins
00:08:10	1st stage landing
00:08:38	2nd stage engine cutoff (SECO-1)
00:54:06	2nd stage engine starts (SES-2)
00:54:08	2nd stage engine cutoff (SECO-2)
01:05:15	Starlink satellites deploy