



UPCOMING LAUNCH

SXM-9 MISSION

WATCH

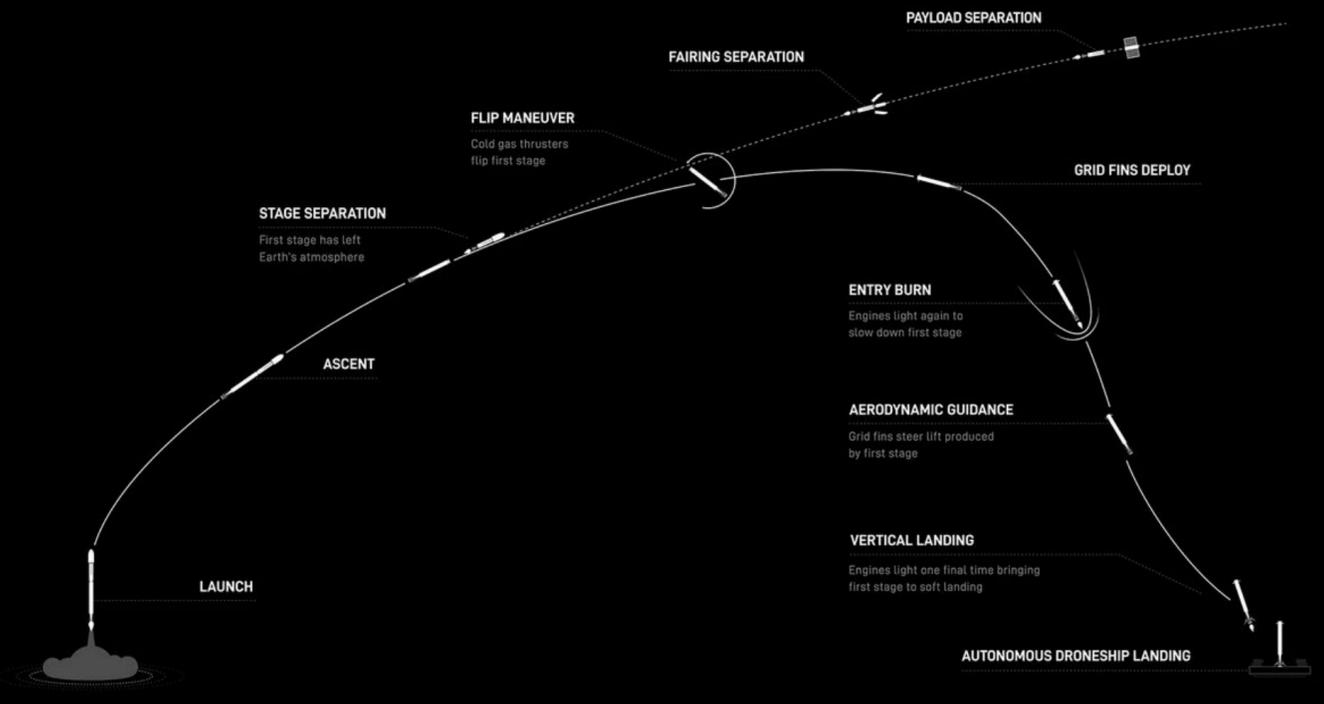
SpaceX is targeting Thursday, December 5 for launch of the SiriusXM **SXM-9** mission to geosynchronous transfer orbit from Launch Complex 39A (LC-39A) at Kennedy Space Center in Florida. The 90-minute window opens at 11:10 a.m. ET. If needed, a backup launch opportunity is available on Friday, December 6 during a two-hour window that opens at the same time.

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 will be the 19th flight for the Falcon 9 first stage booster supporting this mission, which previously launched CRS-26, OneWeb Launch 16, Instelsat IS-40e, O3B mPOWER, Ovzon 3, Eutelsat 36D, Turksat 6A, Maxar 2, and 10 Starlink missions. After stage separation, the first stage will land on the Just Read the Instructions 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
00:01:12	Max Q (moment of peak mechanical stress on the rocket)
00:02:30	1st stage main engine cutoff (MECO)
00:02:34	1st and 2nd stages separate
00:02:41	2nd stage engine starts (SES-1)
00:03:27	Fairing separation
00:06:17	1st stage entry burn begins
00:06:42	1st stage entry burn ends
00:08:06	2nd stage engine cutoff (SECO-1)
00:08:07	1st stage landing burn begins
00:08:21	1st stage landing
00:31:52	SXM-9 deploys