

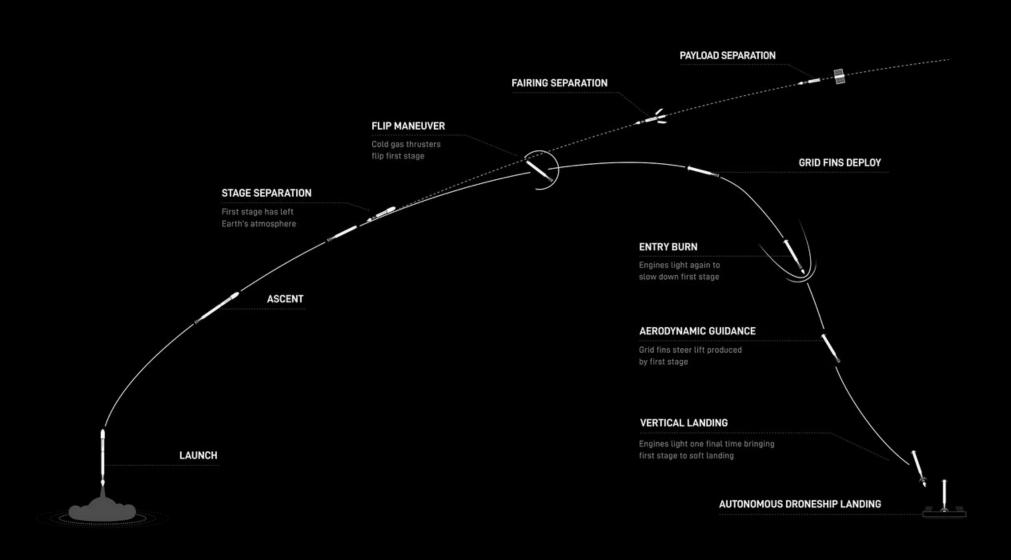
SpaceX is targeting Monday, November 18 for Falcon 9's launch of the NSIL GSAT-N2 mission to a geosynchronous transfer orbit from Space Launch Complex 40 (SLC-40) at Cape Canaveral Space Force Station in Florida. The twohour window opens at 1:31 p.m. ET. If needed, a backup opportunity is available on Tuesday, November 19 during a two-hour window that opens at 4:33 a.m. ET.

A live webcast of this mission will begin about 15 minutes prior to liftoff, which you can watch here and on  ${\bf X}$ @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 SES-22, ispace's HAKUTO-R MISSION 1, Amazonas-6, CRS-27, Bandwagon-1, and 13 Starlink missions. After stage separation, the first stage will land on the Just Read the Instructions droneship, 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
00:01:11	Max Q (moment of peak mechanical stress on the rocket)
00:02:26	1st stage main engine cutoff (MECO)
00:02:30	1st and 2nd stages separate
00:02:36	2nd stage engine starts (SES-1)
00:03:17	Fairing separation
00:06:13	1st stage entry burn begins
00:06:39	1st stage entry burn ends
00:07:55	1st stage landing burn begins
00:07:56	2nd stage engine cutoff (SECO-1)
00:08:20	1st stage landing
00:26:41	2nd stage engine starts (SES-2)
00:27:47	2nd stage engine cutoff (SECO-2)
00:33:58	GSAT-N2 deploys