



INTELSAT G-31/G-32 MISSION

MISSION OVERVIEW

SpaceX is targeting Saturday, November 12 for launch of the **IntelSat G-31/G-32** mission to a geosynchronous transfer orbit from Space Launch Complex 40 (SLC-40) at Cape Canaveral Space Force Station in Florida. The 120-minute launch window opens at 11:06 a.m. ET (16:06 UTC). A backup launch opportunity is available on Sunday, November 13 with the same window.

The Falcon 9 first stage booster supporting this mission previously launched Dragon's first crew demonstration mission, the RADARSAT Constellation Mission, SXM-7, and 10 Starlink missions.

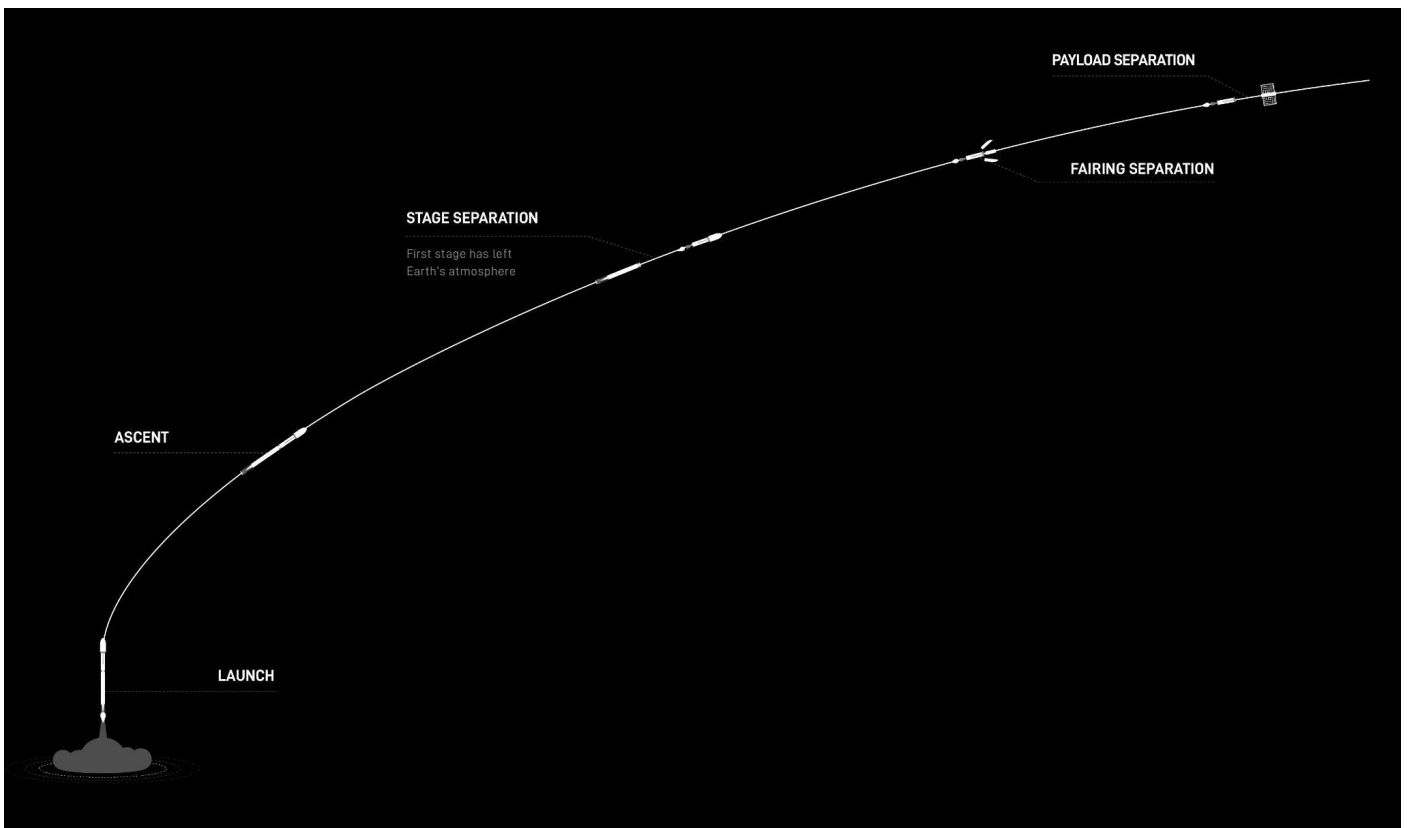
WEBCAST

[A live webcast of this mission](#) will begin about 15 minutes prior to liftoff.

PHOTOS

High-resolution photos will be posted at [flickr.com/spacex](https://www.flickr.com/photos/spacex/).

MISSION PROFILE



MISSION TIMELINE (ALL TIMES APPROXIMATE)

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 underway
- 00:35:00	1st stage LOX (liquid oxygen) loading underway
- 00:16:00	2nd stage LOX loading underway
- 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

Hr/Min/Sec	Event
00:01:12	Max Q (moment of peak mechanical stress on the rocket)
00:02:43	1st stage main engine cutoff (MECO)
00:02:46	1st and 2nd stages separate
00:02:53	2nd stage engine starts (SES-1)
00:03:32	Fairing deployment
00:08:05	2nd stage engine cutoff (SECO-1)
00:26:50	2nd stage engine restarts (SES-2)
00:28:00	2nd stage engine cutoff (SECO-2)
00:33:31	Galaxy 32 deploys
00:38:41	Galaxy 31 deploys