



EUTELSAT 10B MISSION

MISSION OVERVIEW

SpaceX is targeting Tuesday, November 22 for launch of the **Eutelsat 10B** mission to a geosynchronous transfer orbit from Space Launch Complex 40 (SLC-40) at Cape Canaveral Space Force Station in Florida. Liftoff is targeted for 9:57 p.m. ET (02:57 UTC on November 23).

The Falcon 9 first stage booster supporting this mission previously launched Telstar 18 VANTAGE, Iridium-8, and eight Starlink missions.

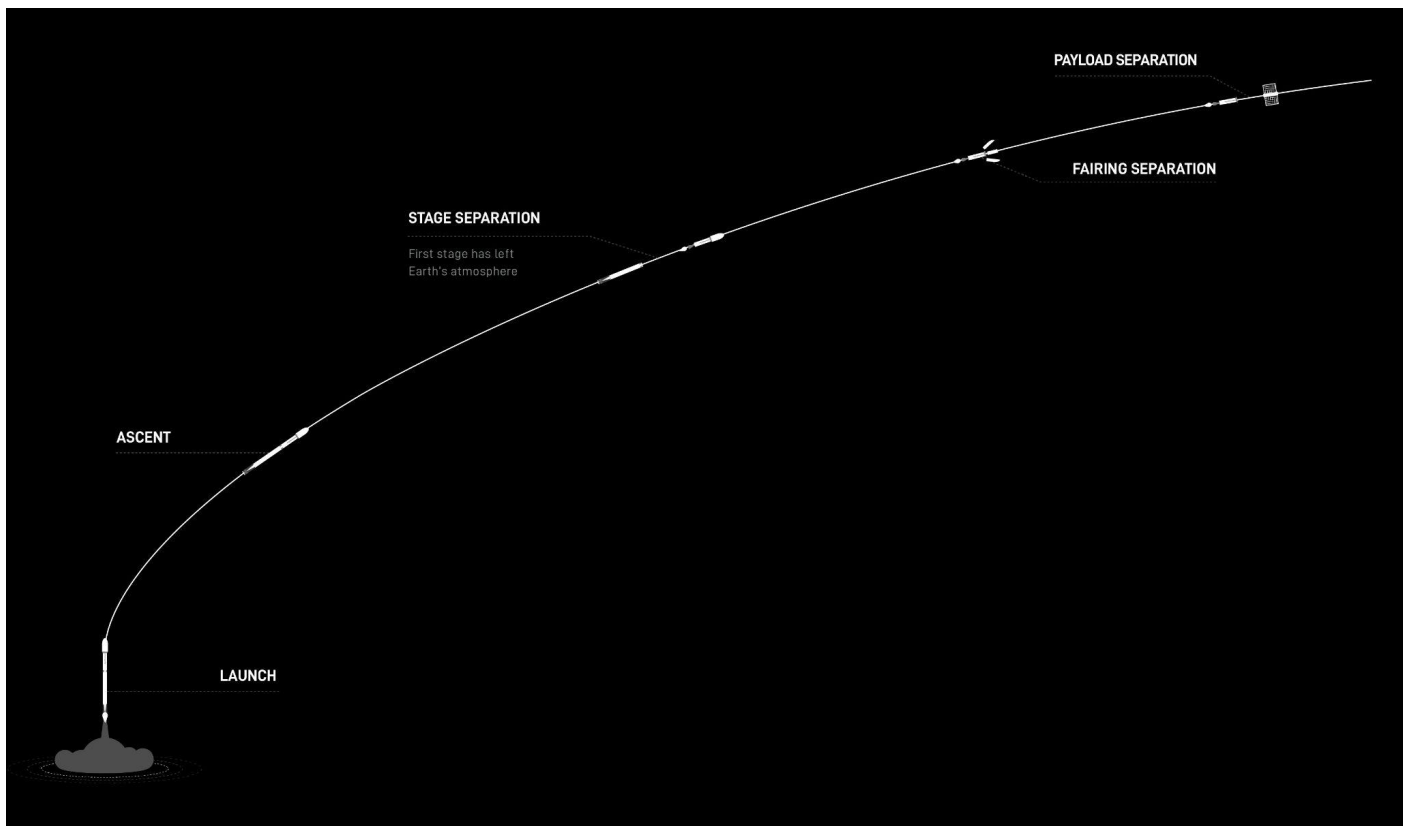
WEBCAST

[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 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

Hr/Min/Sec	Event
00:01:16	Max Q (moment of peak mechanical stress on the rocket)
00:02:43	1st stage main engine cutoff (MECO)
00:02:47	1st and 2nd stages separate
00:02:54	2nd stage engine starts (SES-1)
00:03:46	Fairing deployment
00:08:05	2nd stage engine cutoff (SECO)
00:26:18	2nd stage engine restarts (SES-2)
00:27:27	2nd stage engine cutoff (SECO-2)
00:35:28	Eutelsat 10B deploys