

INTELSAT IS-40E MISSION



MISSION OVERVIEW

SpaceX is targeting Friday, April 7 for launch of the IntelSat IS-40e mission to a geosynchronous transfer orbit from Space Launch Complex 40 (SLC-40) at Cape Canaveral Space Force Station in Florida. The 119-minute launch window opens at 12:30 a.m. ET (04:30 UTC). If needed, a backup opportunity is available on Saturday, April 8 with a 119-minute window opening at 12:29 a.m. ET (04:29 UTC).

The Falcon 9 first stage booster supporting this mission previously launched CRS-26, OneWeb Launch 16, and one Starlink mission. Following stage separation, the first stage will land on the A Shortfall of Gravitas droneship, which will be stationed in the Atlantic Ocean.

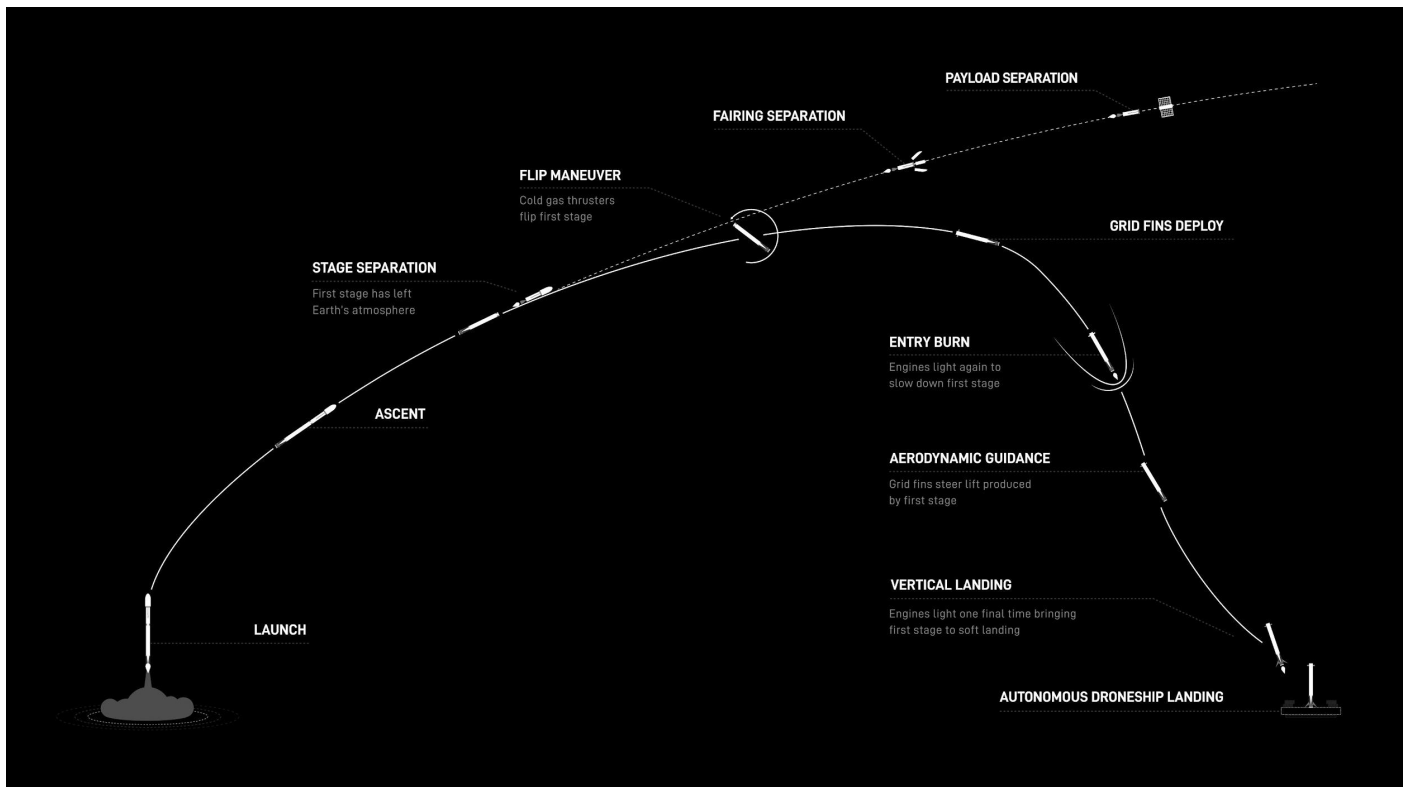
WEBCAST

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
00:01:11	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)
00:03:16	Fairing deployment
00:06:31	1st stage entry burn begins
00:06:54	1st stage entry burn ends
00:08:11	2nd stage engine cutoff (SECO-1)
00:08:21	1st stage landing burn begins
00:08:47	1st stage landing
00:26:35	2nd stage engine starts (SES-2)
00:27:30	2nd stage engine cutoff (SECO-2)
00:32:22	Intelsat IS-40e deploys