



STARLINK-19 MISSION

MISSION OVERVIEW

SpaceX is targeting Monday, February 15 for launch of 60 [Starlink](#) satellites from Space Launch Complex 40 (SLC-40) at Cape Canaveral Space Force Station in Florida. The instantaneous window is at 10:59 p.m. EST, or 3:59 UTC on February 16.

The Falcon 9 first stage rocket booster supporting this mission previously flew on five missions: Dragon's 19th and 20th commercial resupply missions to the International Space Station, a Starlink mission, the SAOCOM 1B mission, and the NROL-108 mission. Following stage separation, SpaceX will land Falcon 9's first stage on the "Of Course I Still Love You" droneship, which will be located in the Atlantic Ocean.

Starlink is now delivering initial beta service both domestically and internationally and will continue expansion to near global coverage of the populated world in 2021. If you're interested in service, we recently started taking orders on a first-come, first-served basis. To reserve your spot in line, head over to [starlink.com](#) for more information.

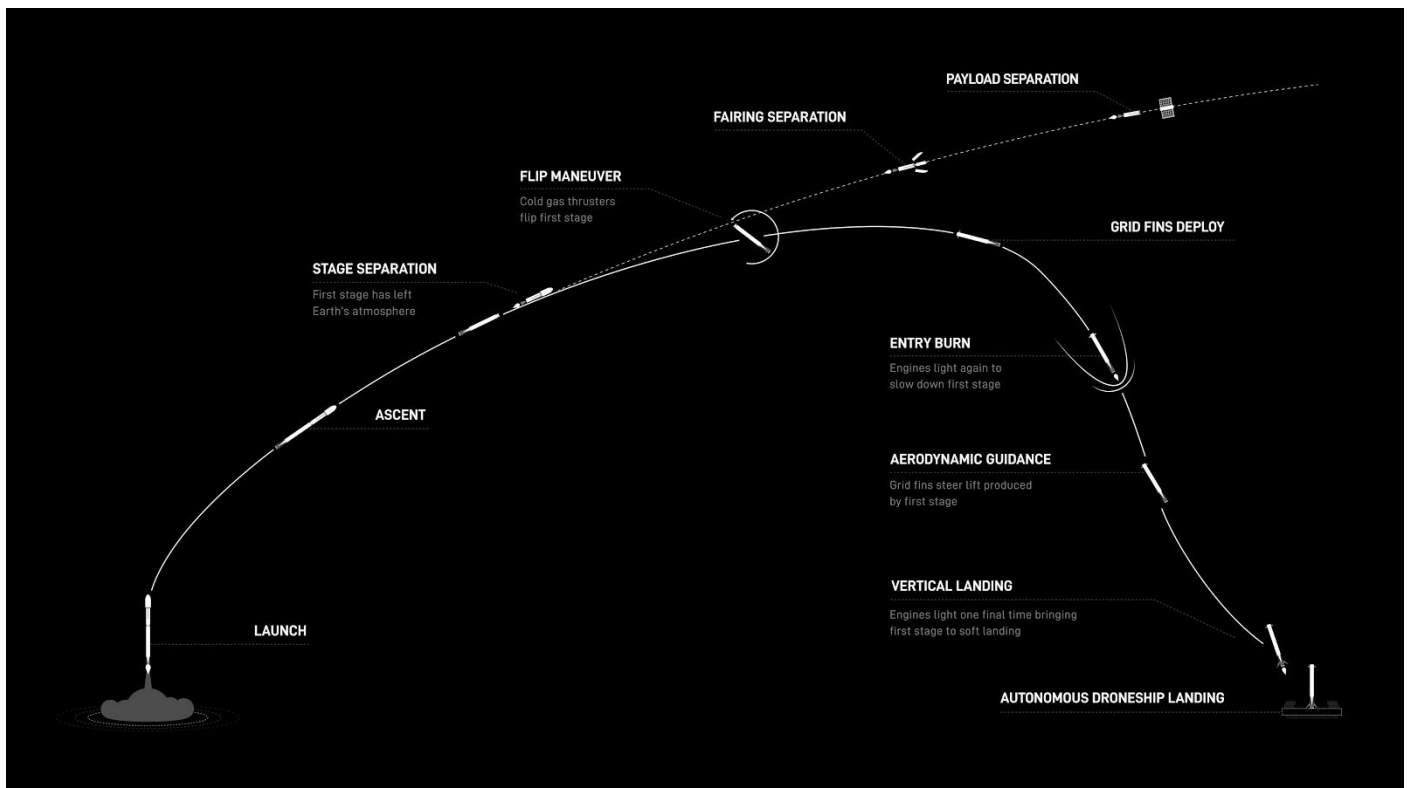
WEBCAST

The launch webcast for this mission will begin about 15 minutes before liftoff, which you can watch live [here](#).

PHOTOS

High-resolution photos will be posted at [flickr.com/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)
00:02:32	1st stage main engine cutoff (MECO)
00:02:36	1st and 2nd stages separate
00:02:44	2nd stage engine starts
00:03:09	Fairing deployment
00:06:41	1st stage entry burn complete
00:08:24	1st stage landing
00:08:47	2nd stage engine cutoff (SECO-1)
00:45:31	2nd stage engine restarts
00:45:32	2nd stage engine cutoff (SECO-2)
01:04:28	Starlink satellites deploy