

STARLINK-11 MISSION

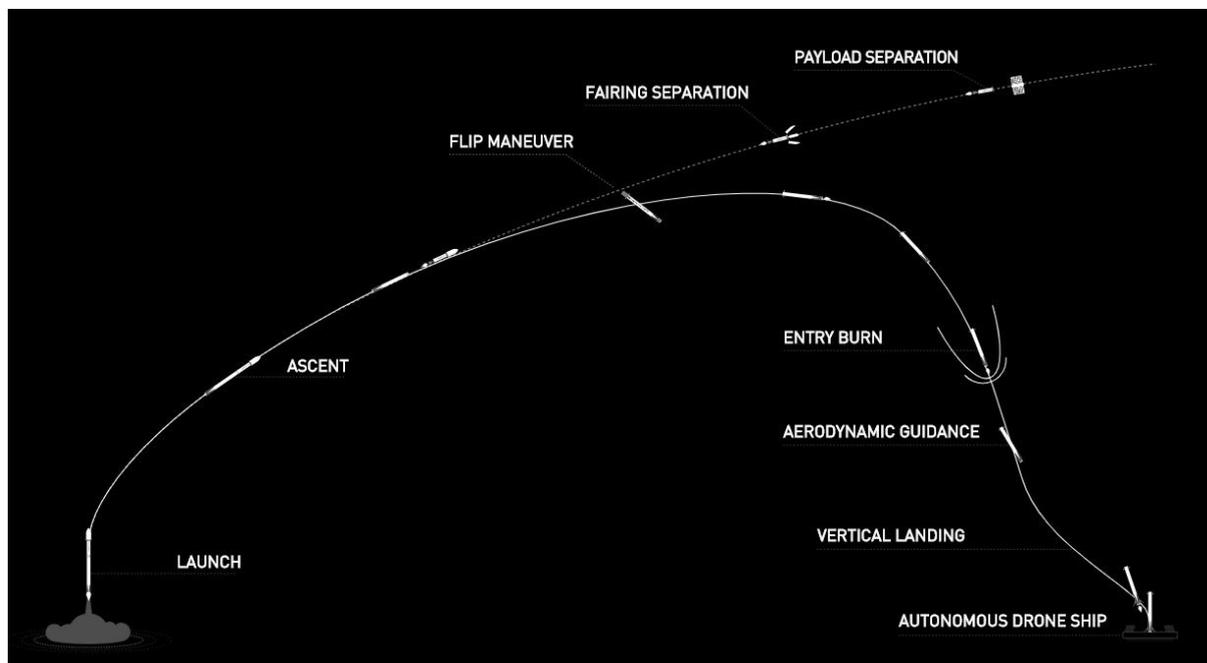
MISSION OVERVIEW

SpaceX is targeting Tuesday, August 18 at 10:31 a.m. EDT for launch of its eleventh [Starlink mission](#), which will include 58 Starlink satellites and [three of Planet's SkySats](#).

Falcon 9 will lift off from Space Launch Complex 40 (SLC-40) at Cape Canaveral Air Force Station in Florida. Falcon 9's first stage previously supported the Telstar 18 VANTAGE mission in September 2018, the Iridium-8 mission in January 2019, and three separate Starlink missions in May 2019, January 2020, and June 2020.

Following stage separation, SpaceX will land Falcon 9's first stage on the "Of Course I Still Love You" droneship, which will be stationed in the Atlantic Ocean. Falcon 9's fairing previously flew on the fourth launch of Starlink. Planet's SkySats will deploy sequentially beginning about 12 and a half minutes after liftoff, and the Starlink satellites will deploy approximately 46 minutes after liftoff.

You can watch the launch webcast [here](#), starting about 15 minutes before liftoff. If you would like to receive updates on Starlink news and service availability in your area, visit [starlink.com](#).



MISSION TIMELINE

COUNTDOWN

All Times Are Approximate

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

All Times Are Approximate

Hr/Min/Sec	Event
00:01:12	Max Q (moment of peak mechanical stress on the rocket)
00:02:33	1st stage main engine cutoff (MECO)
00:02:36	1st and 2nd stages separate
00:02:43	2nd stage engine starts
00:03:12	Fairing deployment
00:07:02	1st stage entry burn complete
00:08:42	1st stage landing
00:08:51	2nd stage engine cutoff (SECO-1)
00:12:32	SkySat-21 deployment
00:13:02	SkySat-20 deployment
00:13:32	SkySat-19 deployment
00:45:57	Starlink satellites deploy