



STARLINK-14 MISSION

MISSION OVERVIEW

SpaceX is targeting Sunday, October 18 at 8:25 a.m. EDT, 12:25 UTC, for its fourteenth Starlink mission, which will launch 60 Starlink satellites to orbit. Falcon 9 will lift off from Launch Complex 39A (LC-39A) at Kennedy Space Center in Florida, and a backup opportunity is available on Monday, October 19 at 8:06 a.m. EDT, 12:06 UTC.

Falcon 9's first stage previously supported Crew Dragon's first demonstration mission to the International Space Station, launch of the RADARSAT Constellation Mission, and three Starlink missions this year. 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 halves each previously supported two missions. The Starlink satellites will deploy approximately 1 hour and 3 minutes after liftoff.

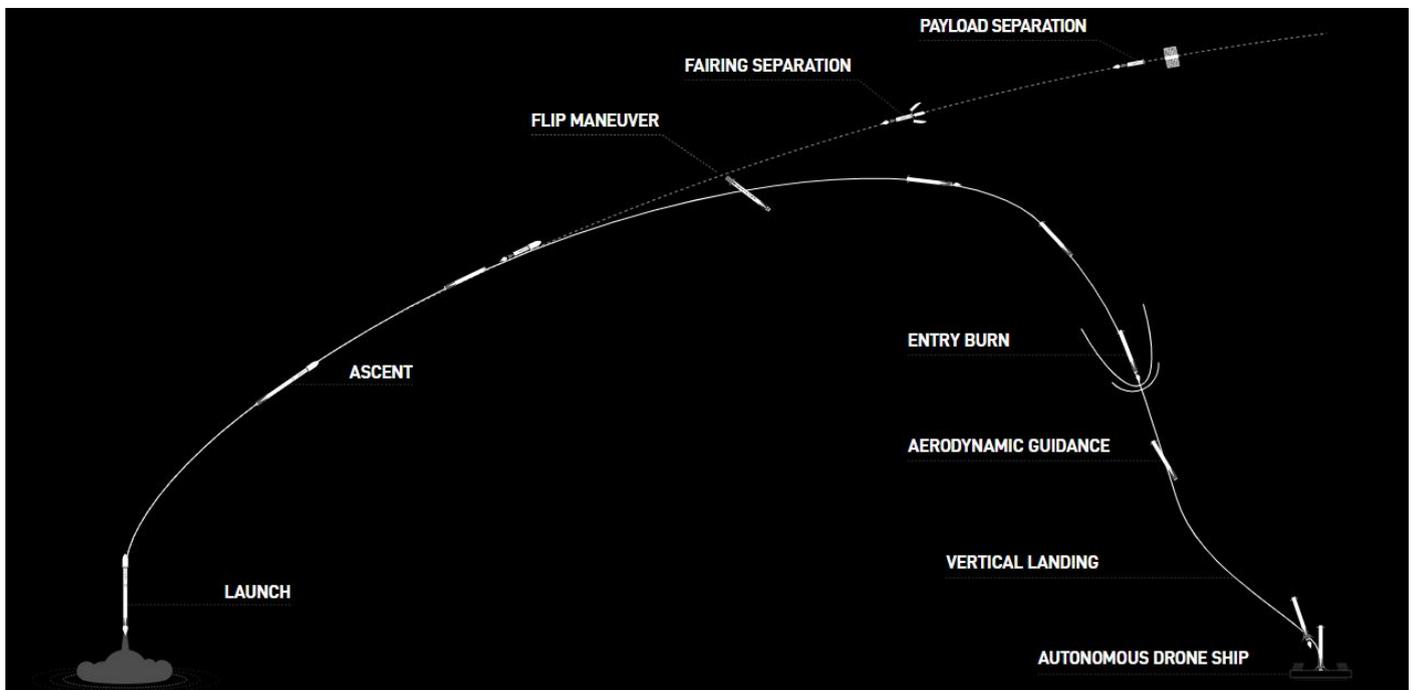
As our Starlink network is still in its early stages, the Starlink team continues to test the system, collecting latency data and performing speed tests of the service. The team also recently installed Starlinks on the Administrative Center building and about 20 private homes on the Hoh Tribe Reservation, located in a remote area of western Washington State where internet access is limited or completely unavailable. You can learn more about the Hoh Tribe's experience [here](#).

If you would like to receive updates on Starlink news and service availability in your area, please visit starlink.com.

WEBCAST

You can watch the live launch webcast [here](#), starting about 10 minutes before liftoff.

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
00:02:43	2nd stage engine starts (SES-1)
00:03:22	Fairing deployment
00:06:40	1st stage entry burn complete
00:08:24	1st stage landing
00:08:48	2nd stage engine cutoff (SECO-1)
00:44:04	2nd stage engine restarts (SES-2)
00:44:06	2nd stage engine cutoff (SECO-2)
01:03:02	Starlink satellites deploy