

STARLINK GROUP 6-1 MISSION



MISSION OVERVIEW

SpaceX is targeting Monday, February 27 at 1:38 p.m. ET (18:38 UTC) for a Falcon 9 launch of 21 **second-generation Starlink** satellites to low-Earth orbit from Space Launch Complex 40 (SLC-40) at Cape Canaveral Space Force Station in Florida. If needed, a backup opportunity is available on Tuesday, February 28 at 1:49 p.m. ET (18:49 UTC).

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

WEBCAST

A live webcast of this mission will begin about five 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
00:01:12	Max Q (moment of peak mechanical stress on the rocket)
00:02:26	1st stage main engine cutoff (MECO)
00:02:30	1st and 2nd stages separate
00:02:37	2nd stage engine starts
00:03:06	Fairing deployment
00:06:08	1st stage entry burn starts
00:06:27	1st stage entry burn ends
00:07:59	1st stage landing burn start
00:08:22	1st stage landing
00:08:37	2nd stage engine cutoff (SECO-1)
00:54:22	2nd stage engine starts (SES-2)
00:54:24	2nd stage engine cutoff (SECO-2)
01:04:36	Starlink satellites deploy