

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.

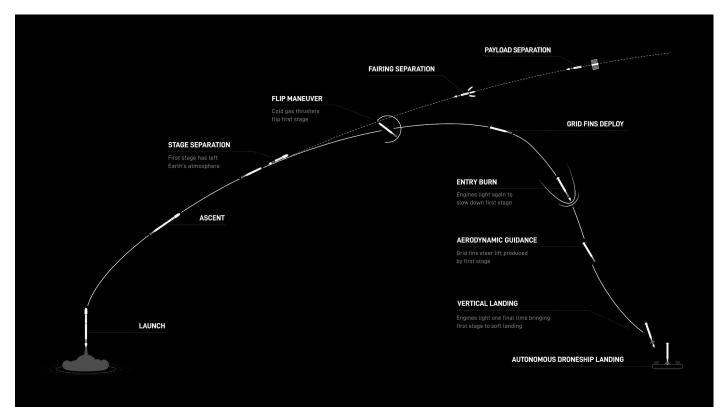
WEBCAST

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**.

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 th	ie 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	