UPCOMING LAUNCH

STARLINK MISSION

WATCH

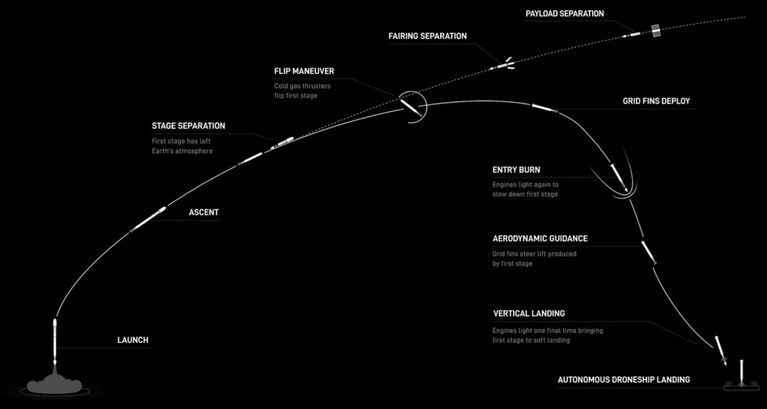
SpaceX is targeting Saturday, August 31 for a Falcon 9 launch of 21 **Starlink** satellites, including 13 with **Direct to Cell** capabilities, to low-Earth orbit from Space Launch Complex 40 (SLC-40) at Cape Canaveral Space Force Station in Florida. Liftoff is targeted for 3:43 a.m. ET. If needed, additional launch opportunities are available on Sunday, September 1 starting at 1:16 a.m. ET.

A live webcast of this mission will begin about five minutes prior to liftoff, which you can watch here and on **X @SpaceX**.

This is the 18th flight for the first stage booster supporting this mission, which previously launched CRS-24, OneWeb 1, SES 18 & 19, Eutelsat HOTBIRD-F1, and 13 Starlink missions. Following stage separation, the first stage will land on the Just Read The Instructions droneship, which will be stationed in the Atlantic Ocean.

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

All Times Approximate

HR/MIN/SEC	EVENT
00:01:10	Max Q (Moment of peak mechanical stress on the rocket)
00:02:26	1st stage main engine cutoff (MECO)
00:02:29	1st and 2nd stages separate
00:02:36	2nd stage engine starts (SES-1)
00:02:59	Fairing separation
00:06:12	1st stage entry burn begins
00:06:35	1st stage entry burn ends
00:08:00	1st stage landing burn begins
00:08:23	1st stage landing
00:08:39	2nd stage engine cutoff (SECO-1)
00:54:52	2nd stage engine starts (SES-2)
00:54:54	2nd stage engine cutoff (SECO-2)
01:03:46	Starlink satellites deploy