

UPCOMING LAUNCH

# STARLINK MISSION

WATCH



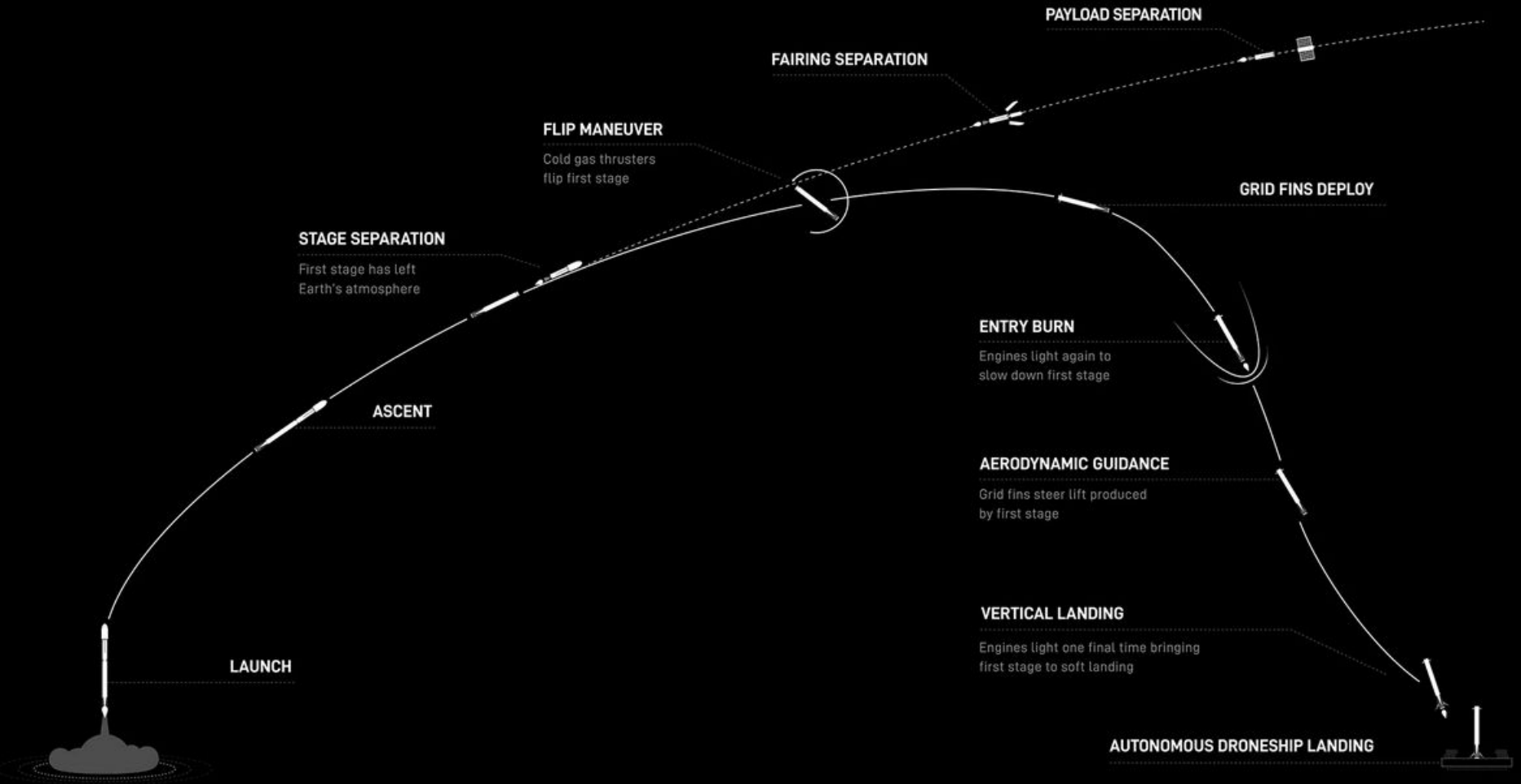
SpaceX is targeting Wednesday, May 14 for a Falcon 9 launch of 28 **Starlink** satellites to low-Earth orbit from Space Launch Complex 40 (SLC-40) at Cape Canaveral Space Force Station in Florida. Liftoff is targeted for 12:38 p.m. ET, with backup opportunities available until 2:47 p.m. ET. If needed, additional opportunities are also available on Thursday, May 15 starting at 11:17 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**. You can also watch the webcast on the new X TV app.

This is the fourth flight for the first stage booster supporting this mission, which previously launched SES 03b mPOWER-E, Crew-10, and Bandwagon-3. Following stage separation, the first stage will land on the A Shortfall of Gravitas dronship, 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                                                  |
|------------|--------------------------------------------------------|
| 00:01:11   | 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)                        |
| 00:02:57   | Fairing separation                                     |
| 00:06:03   | 1st stage entry burn begins                            |
| 00:06:27   | 1st stage entry burn ends                              |
| 00:07:49   | 1st stage landing burn begins                          |
| 00:08:13   | 1st stage landing                                      |
| 00:08:39   | 2nd stage engine cutoff (SECO-1)                       |
| 00:54:08   | 2nd stage engine starts (SES-2)                        |
| 00:54:09   | 2nd stage engine cutoff (SECO-2)                       |
| 01:05:16   | Starlink satellites deploy                             |