

UPCOMING LAUNCH

# STARLINK MISSION

WATCH

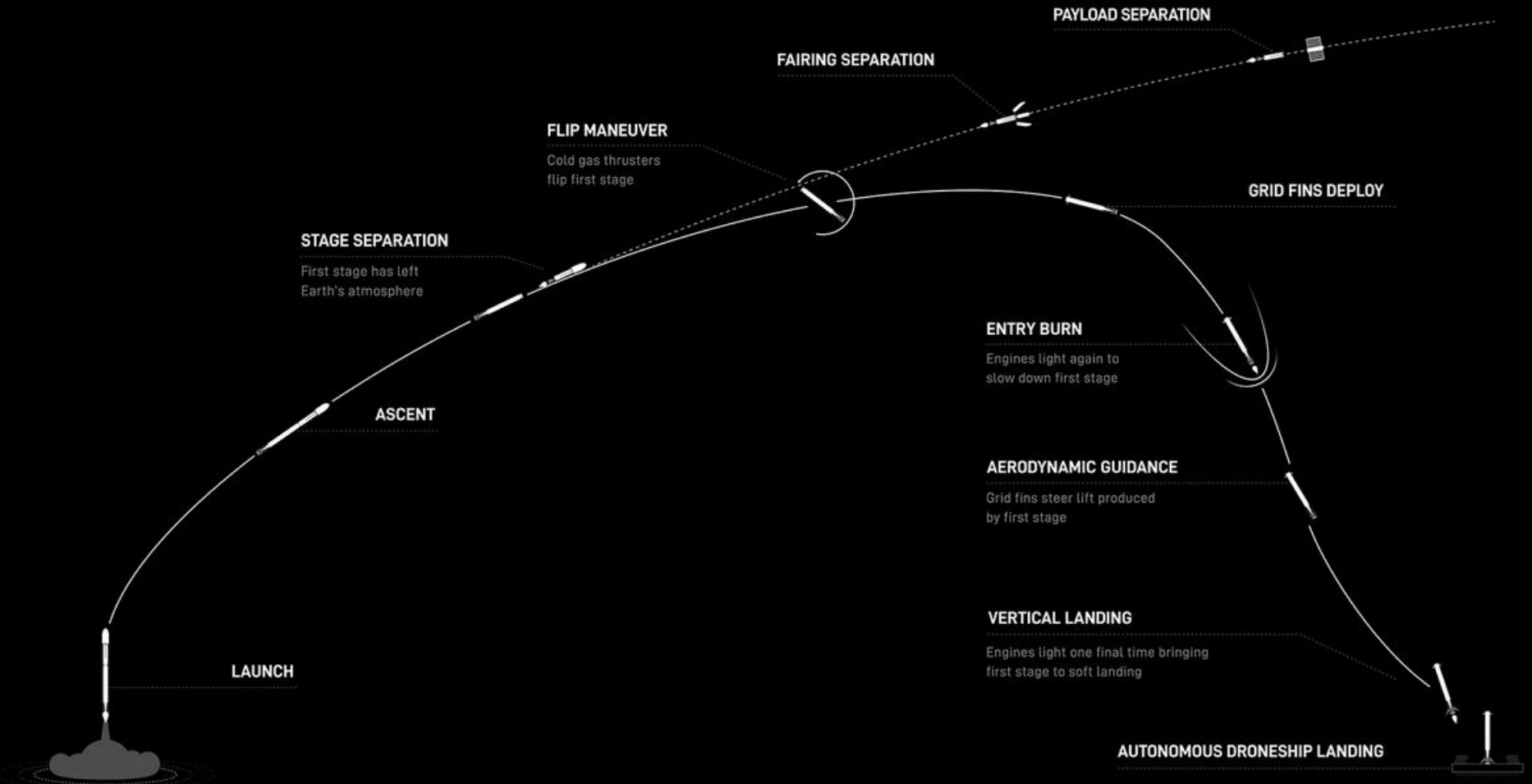
SpaceX is targeting Monday, January 13 for a Falcon 9 launch of 21 **Starlink** satellites, including 13 with **Direct to Cell** capabilities, to low-Earth orbit from Space Launch Complex 40 (SLC-40) at Cape Canaveral Space Force Station in Florida. Liftoff is targeted for 10:08 a.m. ET, with backup opportunities available until 1:45 p.m. ET. If needed, additional launch opportunities are also available on Tuesday, January 14 starting at 9:32 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 15th flight for the first stage booster supporting this mission, which previously launched Ax-2, Ax-3, CRS-30, SES 24, NG-21, Euclid, and eight Starlink missions. 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                                                  |
|------------|--------------------------------------------------------|
| 00:01:10   | Max Q (Moment of peak mechanical stress on the rocket) |
| 00:02:24   | 1st stage main engine cutoff (MECO)                    |
| 00:02:27   | 1st and 2nd stages separate                            |
| 00:02:35   | 2nd stage engine starts (SES-1)                        |
| 00:03:02   | Fairing deployment                                     |
| 00:06:04   | 1st stage entry burn begins                            |
| 00:06:32   | 1st stage entry burn ends                              |
| 00:07:52   | 1st stage landing burn begins                          |
| 00:08:16   | 1st stage landing                                      |
| 00:08:38   | 2nd stage engine cutoff (SECO-1)                       |
| 00:53:58   | 2nd stage engine starts (SES-2)                        |
| 00:54:00   | 2nd stage engine cutoff (SECO-2)                       |
| 01:05:07   | Starlink satellites deploy                             |