

UPCOMING LAUNCH

# MAXAR 1 MISSION

WATCH

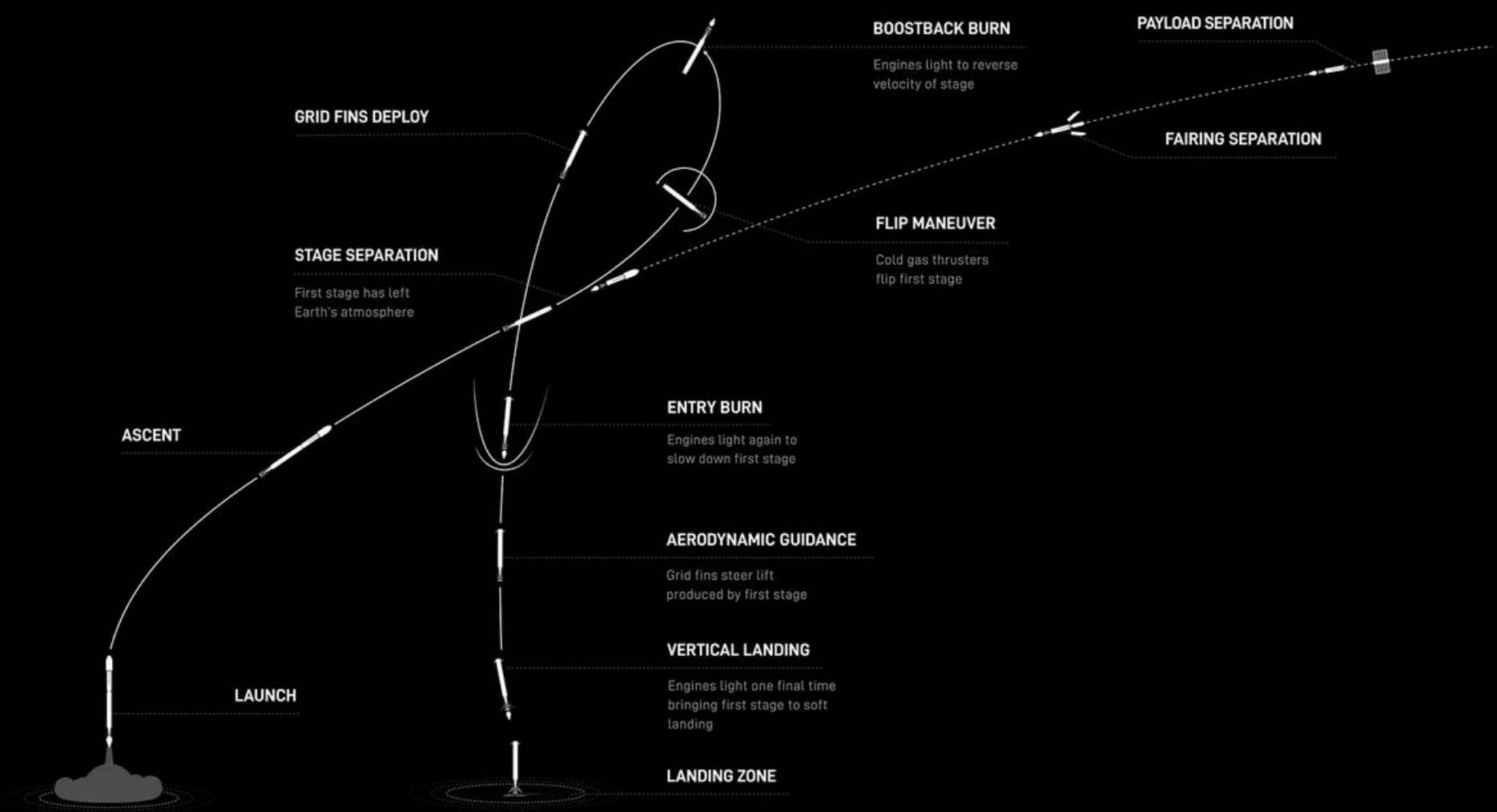
SpaceX is targeting Thursday, May 2 for launch of the Maxar 1 mission to orbit from Space Launch Complex 4 East (SLC-4E) at Vandenberg Space Force Base in California. The 14-minute window opens at 11:36 a.m. PT. If needed, a backup launch opportunity is available on Friday, May 3 at the same time.

A live webcast of this mission will begin on **X @SpaceX** about 15 minutes prior to liftoff. **Watch Live.**

This will be the 20th flight for the Falcon 9 first stage booster supporting this mission, which previously launched Crew-1, Crew-2, SXM-8, CRS-23, IXPE, Transporter-4, Transporter-5, Globalstar FM15, ISI EROS C-3, Korea 425, and nine Starlink missions. After stage separation, the first stage will land on Landing Zone 4 (LZ-4) at Vandenberg Space Force Base.

## 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
00:01:04	Max Q (moment of peak mechanical stress on the rocket)
00:02:18	1st stage main engine cutoff (MECO)
00:02:22	1st and 2nd stages separate
00:02:29	2nd stage engine starts (SES-1)
00:02:32	1st stage boostback burn starts
00:02:48	Fairing deployment
00:03:15	1st stage boostback burn ends
00:06:37	1st stage entry burn begins
00:06:59	1st stage entry burn completes
00:07:44	1st stage landing burn begins
00:08:21	1st stage landing
00:10:03	2nd stage engine cutoff (SECO-1)
00:13:05	Maxar's first WorldView Legion satellite deploys
00:16:35	Maxar's second WorldView Legion satellite deploys