

UPCOMING LAUNCH

ONEWEB LAUNCH 20 MISSION

WATCH

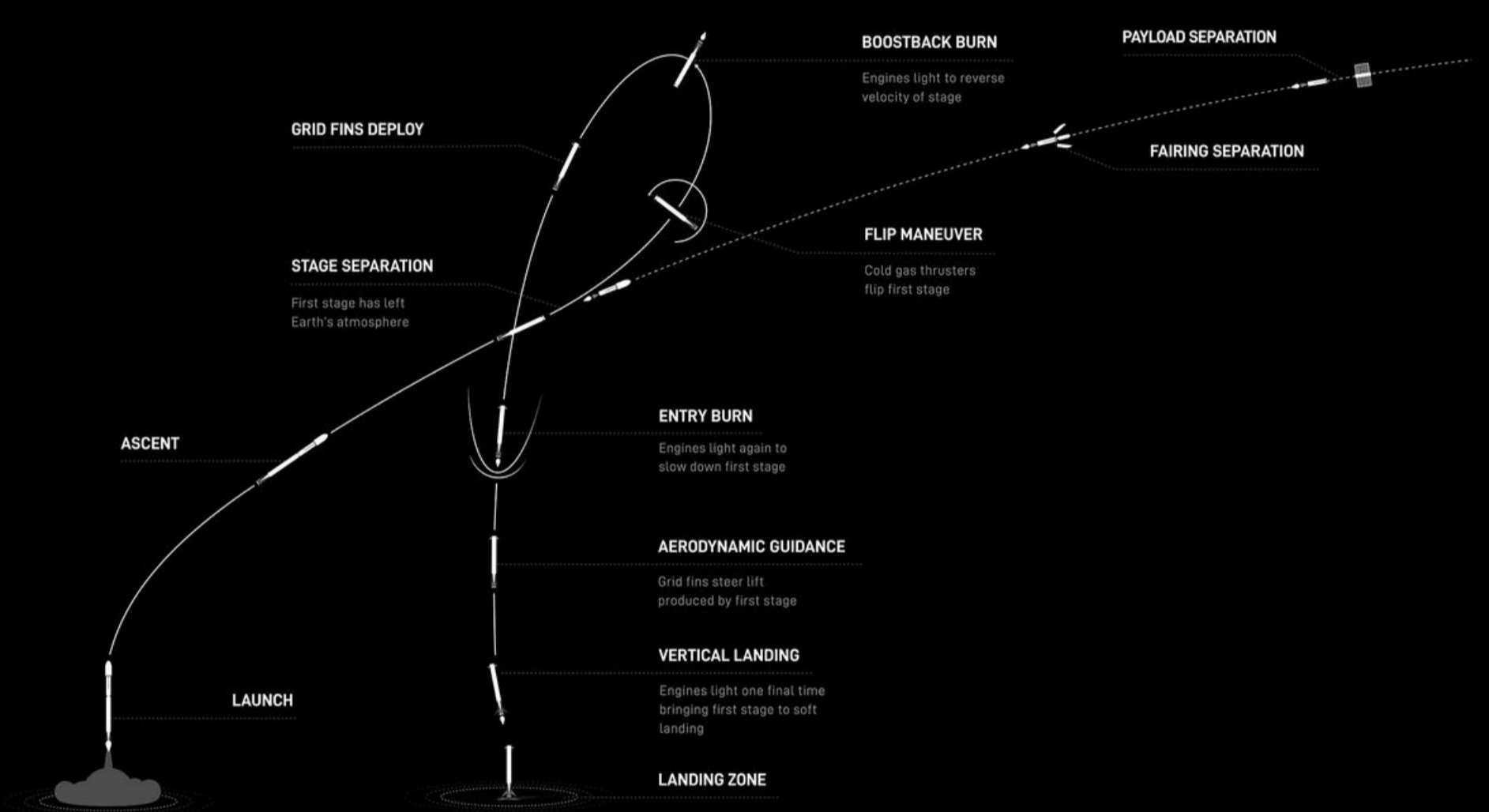
SpaceX is targeting Sunday, September 29 at 11:54 p.m. PT for Falcon 9's launch of the OneWeb Launch 20 mission to low-Earth orbit from Space Launch Complex 4 East (SLC-4E) at Vandenberg Space Force Base in California. If needed, there is a backup opportunity available on Monday, September 30 at 11:49 p.m. PT.

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 seventh flight of the first stage booster supporting this mission, which previously launched USSF-62 and five Starlink missions. Following 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
00:01:06	Max Q (Moment of peak mechanical stress on the rocket)
00:02:15	1st stage main engine cutoff (MECO)
00:02:19	1st and 2nd stages separate
00:02:27	2nd stage engine starts (SES-1)
00:02:32	1st stage boostback burn starts
00:03:02	Fairing deployment
00:03:28	1st stage boostback burn ends
00:06:18	1st stage entry burn starts
00:06:33	1st stage entry burn ends
00:07:18	1st stage landing burn start
00:07:56	1st stage landing
00:08:29	2nd stage engine cutoff (SECO-1)
00:55:03	2nd stage engine starts (SES-2)
00:55:06	2nd stage engine cutoff (SECO-2)
00:59:03	Deployment of first and second OneWeb satellites
00:59:35	Deployment of third and fourth OneWeb satellites
01:00:31	Deployment of fifth and sixth OneWeb satellites
01:00:33	Deployment of seventh and eighth OneWeb satellites
01:02:13	Deployment of ninth and 10th OneWeb satellites
01:12:43	Deployment of 11th and 12th OneWeb satellites
01:16:15	Deployment of 13th and 14th OneWeb satellites
01:17:11	Deployment of 15th and 16th OneWeb satellites
01:18:27	Deployment of 17th and 18th OneWeb satellites
01:18:53	Deployment of 19th and 20th OneWeb satellites