

UPCOMING LAUNCH

ASBM MISSION

WATCH

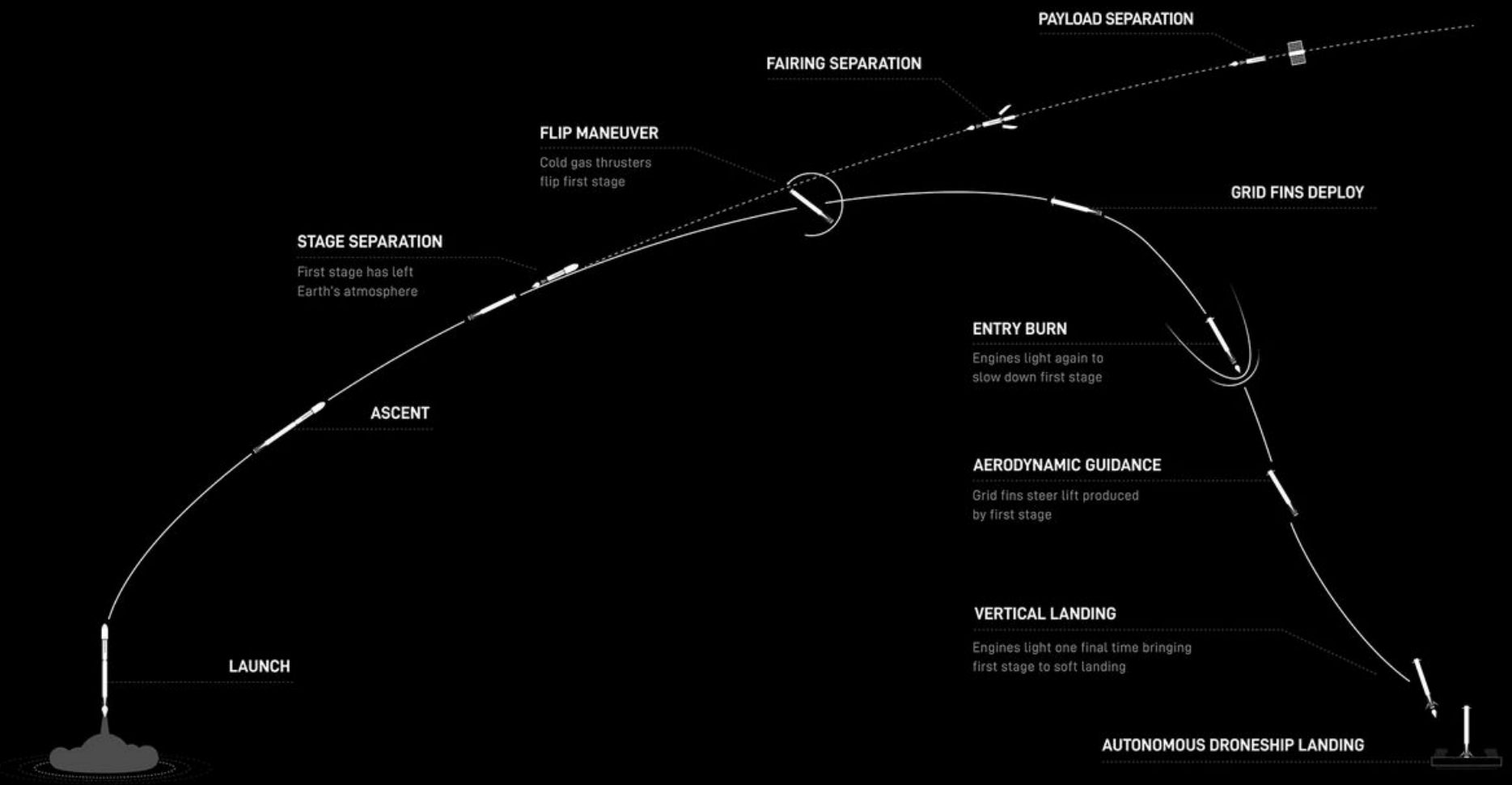
SpaceX is targeting Sunday, August 11 for a Falcon 9 launch of the Space Norway Arctic Satellite Broadband Mission (ASBM) to Molniya transfer orbit from Space Launch Complex 4E (SLC-4E) at Vandenberg Space Force Base in California. Liftoff is targeted for 7:02 p.m. PT. If needed, a backup opportunity is available on Monday, August 12 at 6:58 p.m. PT.

A live webcast of this mission will begin about 15 minutes prior to liftoff, which you can watch here and on **X @SpaceX**.

This is the 22nd flight of the 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, Maxar 1, and 10 Starlink missions. Following stage separation, the first stage will land on the Of Course I Still Love You droneship, which will be stationed in the Pacific 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)
00:02:32	1st stage main engine cutoff (MECO)
00:02:35	1st and 2nd stages separate
00:02:43	2nd stage engine starts
00:03:23	Fairing separation
00:06:22	1st stage entry burn start
00:06:45	1st stage entry burn ends
00:08:14	2nd stage engine cutoff (SECO-1)
00:08:17	1st stage landing burn start
00:08:39	1st stage landing
00:36:47	2nd stage engine starts (SES-2)
00:37:27	2nd stage engine cutoff (SECO-2)
00:42:28	ASBM 1 deploys
00:47:38	ASBM 2 deploys