

UPCOMING LAUNCH

# USSF-124 MISSION



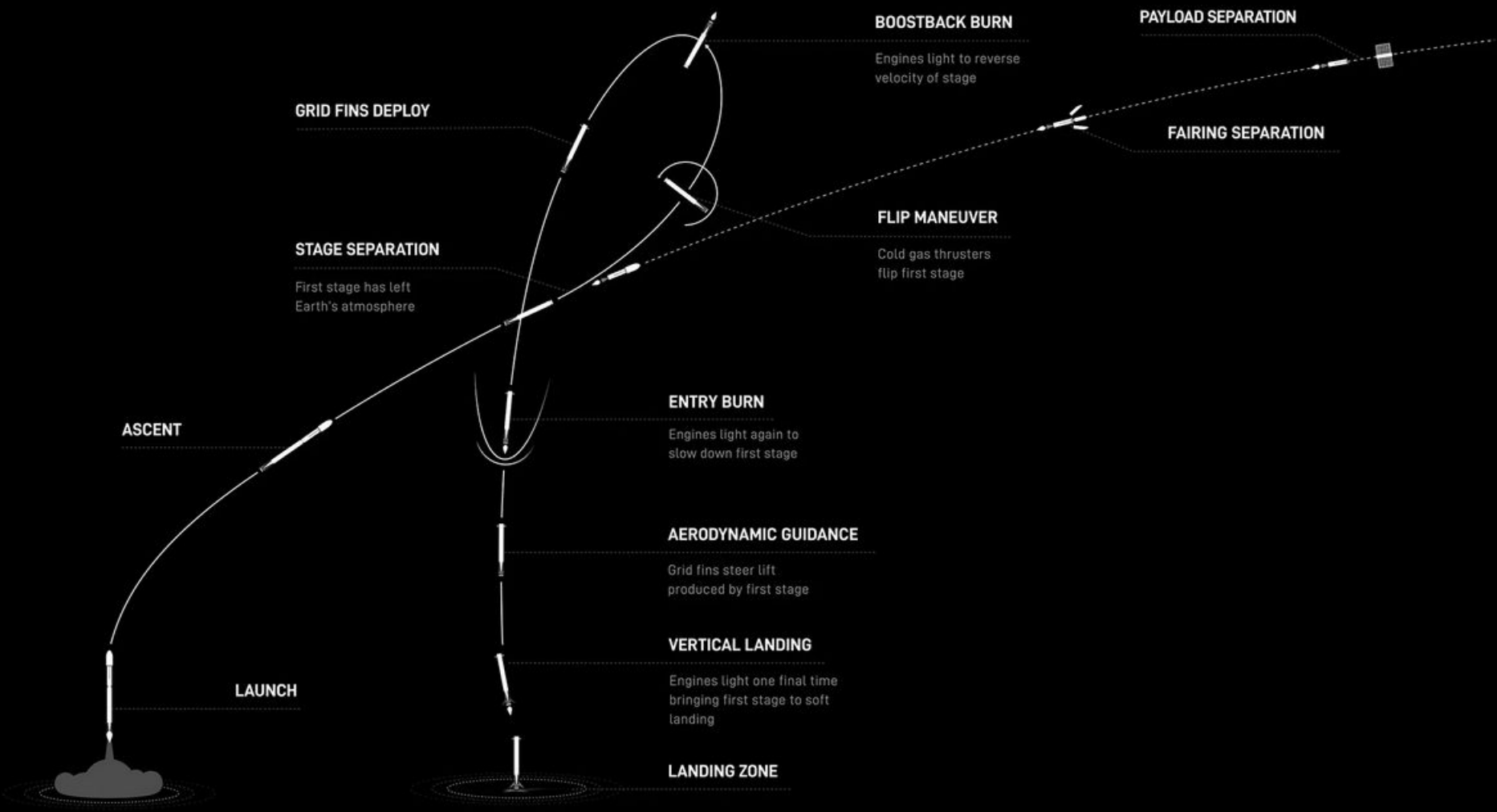
SpaceX is targeting Wednesday, February 14 at 5:30 p.m. ET for Falcon 9's launch of the USSF-124 mission to low-Earth orbit from Space Launch Complex 40 (SLC-40) at Cape Canaveral Space Force Station in Florida. If needed, a backup opportunity is available Thursday, February 15 at the same time.

A live webcast of this mission will begin on [X @SpaceX](#) about 15 minutes prior to liftoff. **Watch live.**

This will be the seventh launch of the first stage booster supporting this mission, which previously launched Crew-6, SES 03b mPOWER, and four Starlink missions. Following stage separation, the first stage will land on Landing Zone 2 (LZ-2) at Cape Canaveral Space Force Station.

## 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 are approximate

HR/MIN/SEC	EVENT
00:01:12	Max Q (moment of peak mechanical stress on the rocket)
00:02:16	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	Boostback burn begins
00:03:08	Fairing deployment
00:03:26	Boostback burn ends
00:06:16	1st stage entry burn begins
00:06:34	1st stage entry burn ends
00:07:32	1st stage landing burn begins
00:08:01	1st stage landing