



UPCOMING LAUNCH

ISI EROS C-3 MISSION

WATCH

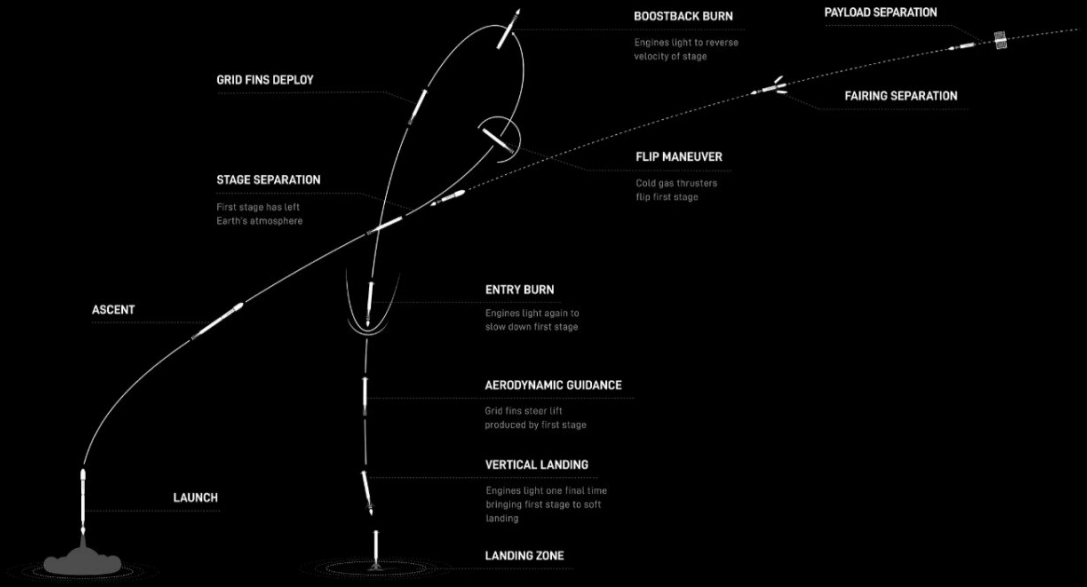
SpaceX is targeting Thursday, December 29 for launch of the **ISI EROS C-3 mission** to a low-earth orbit from Space Launch Complex 4 East (SLC-4E) at Vandenberg Space Force Base in California. Liftoff is targeted for 11:38 p.m. PT (07:38 UTC on December 30). A backup launch opportunity is available on Friday, December 30 with a 56-minute window opening at 11:37 p.m. PT (07:37 UTC on December 31).

The Falcon 9 first stage booster supporting this mission previously launched Crew-1, Crew-2, SXM-8, CRS-23, IXPE, Transporter-4, Transporter-5, Globalstar FM15, and two Starlink missions. After stage separation, the first stage will land on Landing Zone 4 (LZ-4) at Vandenberg Space Force Base.

A live webcast of this mission will begin about 15 minutes prior to liftoff.

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
00:01:12	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
00:02:30	2nd stage engine starts (SES-1)
00:02:36	1st stage boostback burn begins
00:02:41	Fairing deployment
00:03:19	1st stage boostback burn ends
00:06:32	1st stage entry burn begins
00:06:56	1st stage entry burn completes
00:07:47	1st stage landing burn begins
00:08:19	1st stage landing
00:09:45	2nd stage engine cutoff (SECO)
00:14:46	ISI EROS C-3 deploys