



UPCOMING LAUNCH
TRANSPORTER-12 MISSION

WATCH

SpaceX is targeting Tuesday, January 14 for Falcon 9's launch of the Transporter-12 mission to low-Earth orbit from Space Launch Complex 4E (SLC-4E) at Vandenberg Space Force Base in California. The 27-minute window opens at 10:49 a.m. PT. If needed, there is a backup opportunity on Wednesday, January 15 at the same time.

Transporter-12 is a dedicated smallsat rideshare mission with 131 payloads, including CubeSats, MicroSats, and orbital transfer vehicles carrying 30 of those payloads, 14 of which will be deployed at a later time. To date, SpaceX has launched more than 1,100 payloads to orbit for 130+ customers across our entire Rideshare program.

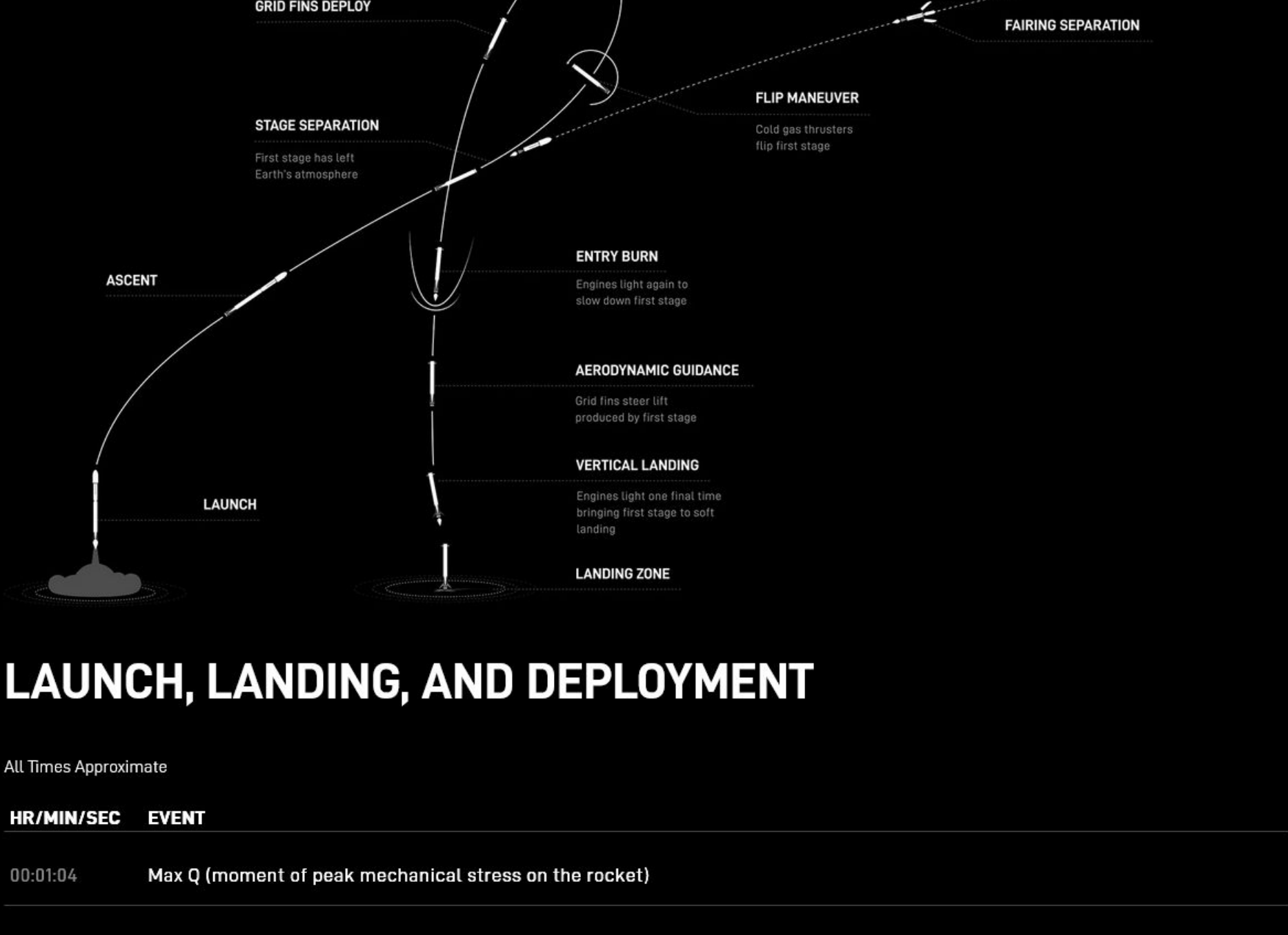
A live webcast of this mission will begin about 10 minutes prior to liftoff, which you can watch here and on X @SpaceX.

This will be the second flight for the first stage booster supporting this mission which previously launched NR0L-126. Following stage separation, Falcon 9 will land on Landing Zone 4 (LZ-4) at Vandenberg Space Force Base.

There is the possibility that residents of and visitors to Santa Barbara, San Luis Obispo, and Ventura counties may hear one or more sonic booms during the launch, but what residents experience will depend on weather and other conditions.

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)
00:02:13	1st stage main engine cutoff (MECO)
00:02:17	1st and 2nd stages separate
00:02:21	Stage 1 flip
00:02:25	2nd stage engine starts (SES-1)
00:02:30	1st stage boostback burn begins
00:03:03	Fairing separation
00:03:25	1st stage boostback burn ends
00:06:12	1st stage entry burn begins
00:06:41	1st stage entry burn ends
00:07:15	1st stage landing burn begins
00:07:32	1st stage landing
00:08:15	2nd stage engine cutoff (SECO-1)
00:50:52	2nd stage engine starts (SES-2)
00:50:56	2nd stage engine cutoff (SECO-2)
00:54:07	GESat GEN1 deploys, manifested by Exolaunch
00:54:12	EDISON-1 deploys, manifested by Exolaunch
00:54:18	BRO-16 deploys, manifested by Exolaunch
00:54:25	OTTER deploys, manifested by SEOPS
00:54:41	BUZZER-1 deploys, manifested by Exolaunch
00:54:51	HCT-SAT1 deploys, manifested by Exolaunch
00:54:57	Flock 4G 19 deploys, manifested by Planet Labs
00:55:02	SCOT - Digantara deploys, manifested by Exolaunch
00:55:08	NDVI Low-Latency Intelligence and Monitoring Experiment (LIME) deploys, manifested by Maverick Space Systems
00:55:19	Balkan-1 deploys, manifested by Exolaunch
00:55:25	TechEdSat-22 via NASA's CubeSat Launch Initiative deploys, manifested by Maverick Space Systems
00:55:37	Flock 4G 31 deploys, manifested by Planet Labs
00:55:48	PAUSATI deploys, manifested by D-Orbit
00:55:58	Undisclosed deploys, manifested by D-Orbit
00:56:09	InnoCube deploys, manifested by Exolaunch
00:56:14	Flock 4G 25 deploys, manifested by Planet Labs
00:56:20	Elevation-1 deploys, manifested by D-Orbit
00:56:30	Flock 4G 9 deploys, manifested by Planet Labs
00:56:37	Flock 4G 23 deploys, manifested by Planet Labs
00:56:54	Fledgling Veery "Barb" deploys, manifested by Exolaunch
00:57:04	TROLL deploys, manifested by Exolaunch
00:57:10	Flock 4G 21 deploys, manifested by Planet Labs
00:57:15	Flock 4G 35 deploys, manifested by Planet Labs
00:57:25	PARUS-T1 deploys, manifested by D-Orbit
00:57:43	NCKU-IRIS-F3 deploys, manifested by Exolaunch
00:58:01	Flock 4G 33 deploys, manifested by Planet Labs
00:58:11	AE1c deploys, manifested by D-Orbit
00:58:22	ANSER-L-S deploys, manifested by D-Orbit
00:58:29	NewSat45 deploys, manifested by Satellogic
00:58:35	Flock 4G 15 deploys, manifested by Planet Labs
00:58:54	Flock 4G 13 deploys, manifested by Planet Labs
00:59:00	NCKU-IRIS-F2 deploys, manifested by Exolaunch
00:59:05	Flock 4G 3 deploys, manifested by Planet Labs
00:59:24	Flock 4G 34 deploys, manifested by Planet Labs
00:59:46	FOSSASAT (F0018) deploys, manifested by D-Orbit
01:00:06	FOSSASAT (F0019) deploys, manifested by D-Orbit
01:00:25	OroraTech FOREST-3 deploys, manifested by Exolaunch
01:00:32	Flock 4G 16 deploys, manifested by Planet Labs
01:00:41	LEO Express-2 deploys, manifested by Impulse Space
01:00:47	GARAI-A deploys, manifested by Exolaunch
01:00:57	Flock 4G 10 deploys, manifested by Planet Labs
01:01:03	Flock 4G 36 deploys, manifested by Planet Labs
01:01:25	Flock 4G 22 deploys, manifested by Planet Labs
01:01:31	AlainSat-1 deploys, manifested by Exolaunch
01:01:37	Flock 4G 24 deploys, manifested by Planet Labs
01:01:53	constellr SkyBee 1 deploys, manifested by Exolaunch
01:02:11	FGN-100-d1 deploys, manifested by Fergani Uzay Teknolojileri ("Fergani")
01:02:18	Pelican-2 deploys, manifested by Planet Labs
01:02:23	Flock 4G 14 deploys, manifested by Planet Labs
01:02:37	JAY-D1 deploys, manifested by UTIAS Space Flight Laboratory
01:03:14	Flock 4G 32 deploys, manifested by Planet Labs
01:03:34	Flock 4G 17 deploys, manifested by Planet Labs
01:03:58	AE1d deploys, manifested by D-Orbit
01:04:15	Flock 4G 29 deploys, manifested by Planet Labs
01:04:24	Flock 4G 20 deploys, manifested by Planet Labs
01:04:32	Flock 4G 26 deploys, manifested by Planet Labs
01:05:27	FUSION-1 deploys, manifested by D-Orbit
01:05:40	SIGI deploys, manifested by Reflex Aerospace
01:06:15	Flock 4G 30 deploys, manifested by Planet Labs
01:06:31	Flock 4G 18 deploys, manifested by Planet Labs
01:07:16	Flock 4G 27 deploys, manifested by Planet Labs
01:07:32	JAY-C deploys, manifested by UTIAS Space Flight Laboratory
01:07:42	Flock 4G 1 deploys, manifested by Planet Labs
01:07:49	JAY-D2 deploys, manifested by UTIAS Space Flight Laboratory
01:08:33	Flock 4G 28 deploys, manifested by Planet Labs
01:08:39	ION SCV Amazing Antonius deploys, manifested by D-Orbit
01:08:53	Lyra-1 deploys, manifested by EchoStar
01:09:30	Flock 4G 11 deploys, manifested by Planet Labs
01:09:35	W-2 deploys, manifested by Varda Space Industries, Inc.
01:09:51	Ray deploys, manifested by Inversion Space Company
01:10:25	ION SCV Eminent Emmanuel deploys, manifested by Impulso
01:11:09	Flock 4G 12 deploys, manifested by Planet Labs
01:11:32	Flock 4G 5 deploys, manifested by Planet Labs
01:13:17	Flock 4G 6 deploys, manifested by Planet Labs
01:13:31	Flock 4G 7 deploys, manifested by Planet Labs
01:15:18	Flock 4G 8 deploys, manifested by Planet Labs
01:15:35	Flock 4G 2 deploys, manifested by Planet Labs
01:17:25	Flock 4G 4 deploys, manifested by Planet Labs
01:22:07	MBZ-Sat deploys, manifested by Mohammed Bin Rashid Space Centre
01:41:22	2nd stage engine starts (SES-3)
01:41:23	2nd stage engine cutoff (SECO-3)
02:15:24	2nd stage engine starts (SES-4)
02:15:25	2nd stage engine cutoff (SECO-4)
02:17:22	Plan - S / Connecta IOT-7 deploys, manifested by D-Orbit
02:17:36	LEMUR 2 MYNAMEISJEFF deploys, manifested by Exolaunch
02:17:44	SatGus deploys, manifested by SEOPS
02:17:49	Firefly-3 by Pixxel deploys, manifested by Exolaunch
02:18:01	Fleet Space Technologies' CENTAURI-8 deploys, manifested by Tyvak International
02:18:06	HEO-01 deploys, manifested by Argotec Srl
02:18:21	LEMUR 2 WILSON deploys, manifested by Exolaunch
02:18:30	Plan - S / Connecta IOT-8 deploys, manifested by D-Orbit
02:18:42	LEMUR 2 STAR-FOX deploys, manifested by D-Orbit
02:18:49	NorSat-4 deploys, manifested by Space Flight Laboratory
02:19:13	LEMUR 2 ROUNDTRIPPER deploys, manifested by Exolaunch
02:19:21	Fleet Space Technologies' CENTAURI-7 deploys, manifested by Tyvak International
02:19:30	ICEYE 1 deploys, manifested by Exolaunch
02:19:36	ICEYE 2 deploys, manifested by Exolaunch
02:19:43	ICEYE 3 deploys, manifested by Exolaunch
02:19:57	LEMUR 2 ARIANNA deploys, manifested by D-Orbit
02:20:06	ICEYE 4 deploys, manifested by Exolaunch
02:20:19	Firefly-1 by Pixxel deploys, manifested by Exolaunch
02:20:25	Plan - S / Connecta IOT-5 deploys, manifested by D-Orbit
02:20:58	Plan - S / Connecta IOT-6 deploys, manifested by D-Orbit
02:21:05	LEMUR 2 ALISIA deploys, manifested by Exolaunch
02:22:02	Firefly-2 by Pixxel deploys, manifested by Exolaunch