

UPCOMING LAUNCH

TRANSPORTER-14 MISSION

WATCH

SpaceX is targeting Sunday, June 22 for a Falcon 9 launch of the Transporter-14 mission to low-Earth orbit from Space Launch Complex 4E (SLC-4E) at Vandenberg Space Force Base in California. The 57-minute launch window opens at 2:18 p.m. PT. If needed, there is a backup opportunity on Monday, June 23 at the same time.

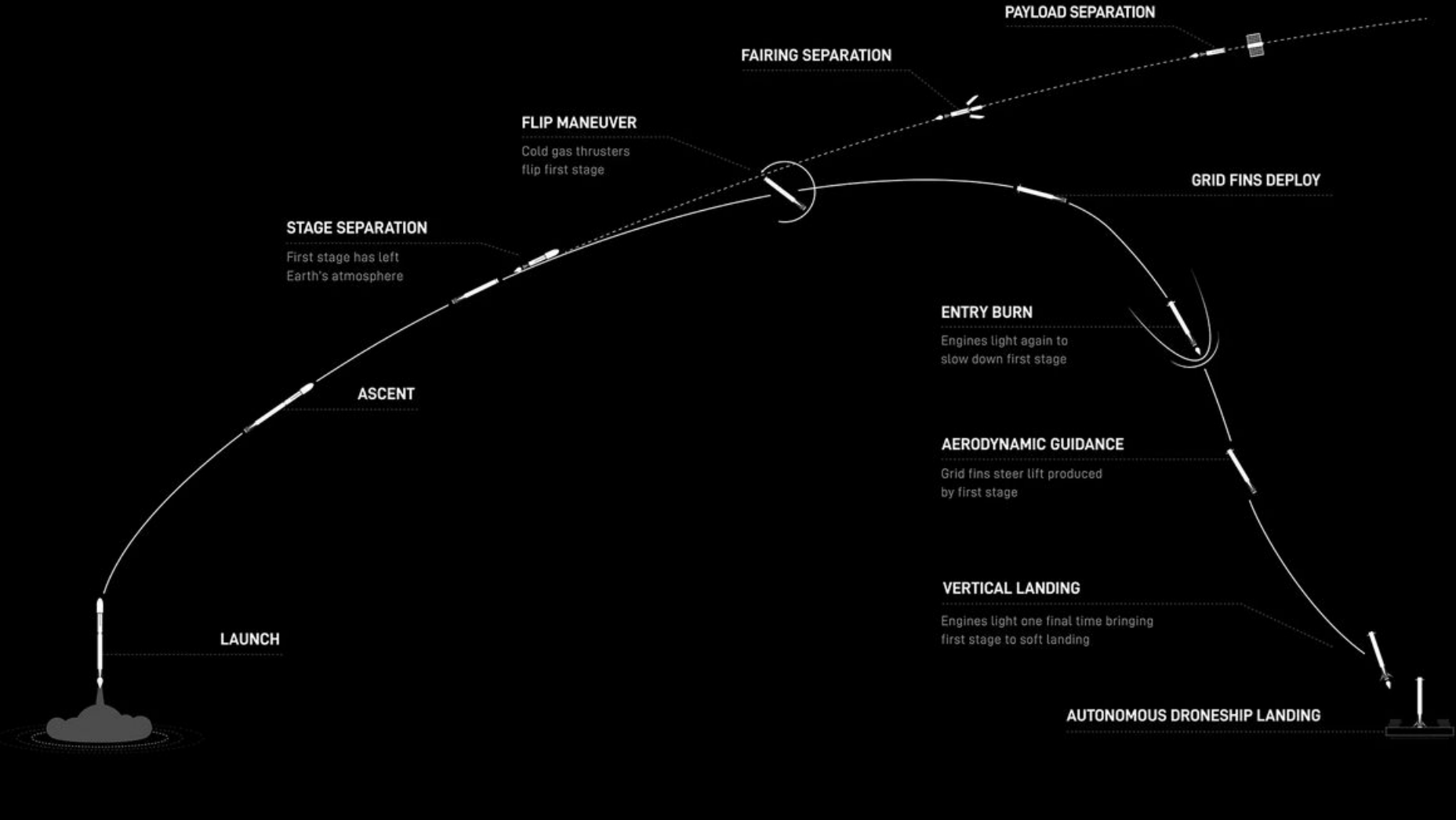
A live webcast of this mission will begin about 15 minutes prior to liftoff, which you can watch here and on [X @SpaceX](#). You can also watch the webcast on the new X TV app.

This will be the 26th flight for the first stage booster supporting this mission which previously launched NROL-87, NROL-85, SARah-1, SWOT, Transporter-8, Transporter-9, NROL-146, Bandwagon-2, NROL-153, NROL-192, and 15 Starlink missions. Following stage separation, Falcon 9 will land on the Of Course I Still Love You dronship stationed in the Pacific Ocean.

Transporter-14 is a **dedicated smallsat rideshare mission**. There are 70 payloads on this flight, including cubesats, microsats, re-entry capsules, and orbital transfer vehicles carrying three of those payloads to be deployed at a later time.

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)
00:02:29	1st stage main engine cutoff (MECO)
00:02:32	1st and 2nd stages separate
00:02:40	2nd stage engine starts (SES-1)
00:03:12	Fairing separation
00:06:14	1st stage entry burn begins
00:06:39	1st stage entry burn ends
00:08:00	1st stage landing burn begins
00:08:24	2nd stage engine cutoff (SECO-1)
00:08:29	1st stage landing
00:51:03	2nd stage engine starts (SES-2)
00:51:07	2nd stage engine cutoff (SECO-2)
00:54:35	QUICK ² deploys, manifested by Exolaunch
00:54:41	Plan - S / Connecta IoT-10 deploys, manifested by Impulso Space
00:54:55	Plan - S / Connecta IoT-11 deploys, manifested by Impulso Space
00:55:01	MOBIUS-1 deploys, manifested by Exolaunch
00:55:07	UND ROADS 1 deploys, manifested by Exolaunch
00:55:13	Plan - S / Connecta IoT-12 deploys, manifested by Impulso Space
00:55:21	Good Ancestor Kilakila and ISI Space RIDUSAT deploy, manifested by SEOPS
00:55:28	JACK-001 deploys, manifested by Exolaunch
00:55:39	Hyperfield-1B deploys, manifested by Exolaunch
00:55:50	ISI Space TPA-1 deploys, manifested by SEOPS
00:56:01	GHGSat-C13 deploys, manifested by Space Flight Laboratory
00:56:10	DUTHSat-2 deploys, manifested by Exolaunch
00:56:17	SATMAR deploys, manifested by Exolaunch
00:56:24	Plan - S / Connecta IoT-9 deploys, manifested by Impulso Space
00:56:36	Otter Pup 2 deploys, manifested by Starfish Space
00:56:57	BRO-18 deploys, manifested by Exolaunch
00:57:17	GHGSat-C12 deploys, manifested by Space Flight Laboratory
00:57:26	UND ROADS 2 deploys, manifested by Exolaunch
00:58:04	FossaSat-21 deploys, manifested by SEOPS
00:58:14	ARCSTONE via NASA's CubeSat Launch Initiative deploys, manifested by Maverick Space Systems
00:58:22	ION SCV Passionate Paula deploys, manifested by Impulso Space
00:58:35	IOD2_STARTICAL deploys, manifested by Exolaunch
00:58:55	ForgeStar-1 deploys, manifested by Exolaunch
00:59:11	MMS-1 deploys, manifested by Exolaunch
01:00:03	HORIS-1 deploys, manifested by Exolaunch
01:00:44	HORIS-2 deploys, manifested by Exolaunch
01:01:34	constellr SkyBee 2 deploys, manifested by Exolaunch
01:01:52	W-Series 4 deploys, manifested by Varda Space Industries, Inc.
01:02:26	PULSAR IOV deploys, manifested by Exolaunch
01:04:10	Dragoon deploys, manifested by York Space Systems
01:41:40	2nd stage engine starts (SES-3)
01:41:41	2nd stage engine cutoff (SECO-3)
02:12:37	2nd stage engine starts (SES-4)
02:12:38	2nd stage engine cutoff (SECO-4)
02:16:04	Stitch deploys, manifested by Exolaunch
02:16:09	PADRE deploys, manifested by Exolaunch
02:16:16	ADDCUBE deploys, manifested by Exolaunch
02:16:22	LEMUR-2-KRISH deploys, manifested by Exolaunch
02:16:28	Maverick Satoro-T3 deploys, manifested by SEOPS
02:16:40	Shaggy deploys, manifested by Exolaunch
02:16:47	ISI Space PARUS-T2 deploys, manifested by SEOPS
02:17:00	AE3Va deploys, manifested by Exolaunch
02:17:08	Lilo deploys, manifested by Exolaunch
02:17:20	BIFROST deploys, manifested by Space Inventor
02:17:31	Time Flies deploys, manifested by SEOPS
02:17:44	AE2a deploys, manifested by Exolaunch
02:17:50	ARVAKER II deploys, manifested by Exolaunch
02:18:04	ARVAKER III deploys, manifested by Exolaunch
02:18:09	LEMUR-2-SEJONG-2 deploys, manifested by Exolaunch
02:18:27	Scooby deploys, manifested by Exolaunch
02:18:32	HEO-08 deploys, manifested by Argotec S.r.l.
02:18:42	HEO-02 deploys, manifested by Argotec S.r.l.
02:19:14	HEO-03 deploys, manifested by Argotec S.r.l.
02:19:21	ICEYE 2 deploys, manifested by Exolaunch
02:19:29	ICEYE 3 deploys, manifested by Exolaunch
02:19:38	HEO-09 deploys, manifested by Argotec S.r.l.
02:19:46	HEO-05 deploys, manifested by Argotec S.r.l.
02:19:52	ICEYE 1 deploys, manifested by Exolaunch
02:19:57	Capella-17 deploys, manifested by Capella Space
02:20:14	HEO-04 deploys, manifested by Argotec S.r.l.
02:20:22	MuSat13 deploys, manifested by Exolaunch
02:20:30	ICEYE 5 deploys, manifested by Exolaunch
02:20:40	ION SCV Charismatic Carlus deploys, manifested by Impulso Space
02:21:26	ICEYE 4, deploys manifested by Exolaunch
02:21:38	YAM-10 deploys, manifested by Loft Orbital
02:21:46	GRUS-3α deploys, manifested by Axelspace
02:22:02	HEO-06 deploys, manifested by Argotec S.r.l.
02:23:20	Lyra-3 deploys, manifested by EchoStar
02:25:58	ICEYE 6 deploys, manifested by Exolaunch
02:40:13	2nd stage engine starts (SES-5)
02:40:18	2nd stage engine cutoff (SECO-5)
02:43:50	Mission Possible Capsule deploys, manifested by The Exploration Company