

UPCOMING LAUNCH

TRANSPORTER-11 MISSION

WATCH

SpaceX is targeting Friday, August 16 for Falcon 9's launch of the Transporter-11 mission to low-Earth orbit from Space Launch Complex 4E (SLC-4E) at Vandenberg Space Force Base in California. The 53-minute window opens at 11:20 a.m. PT. If needed, there is a backup opportunity on Saturday, August 17 at the same time.

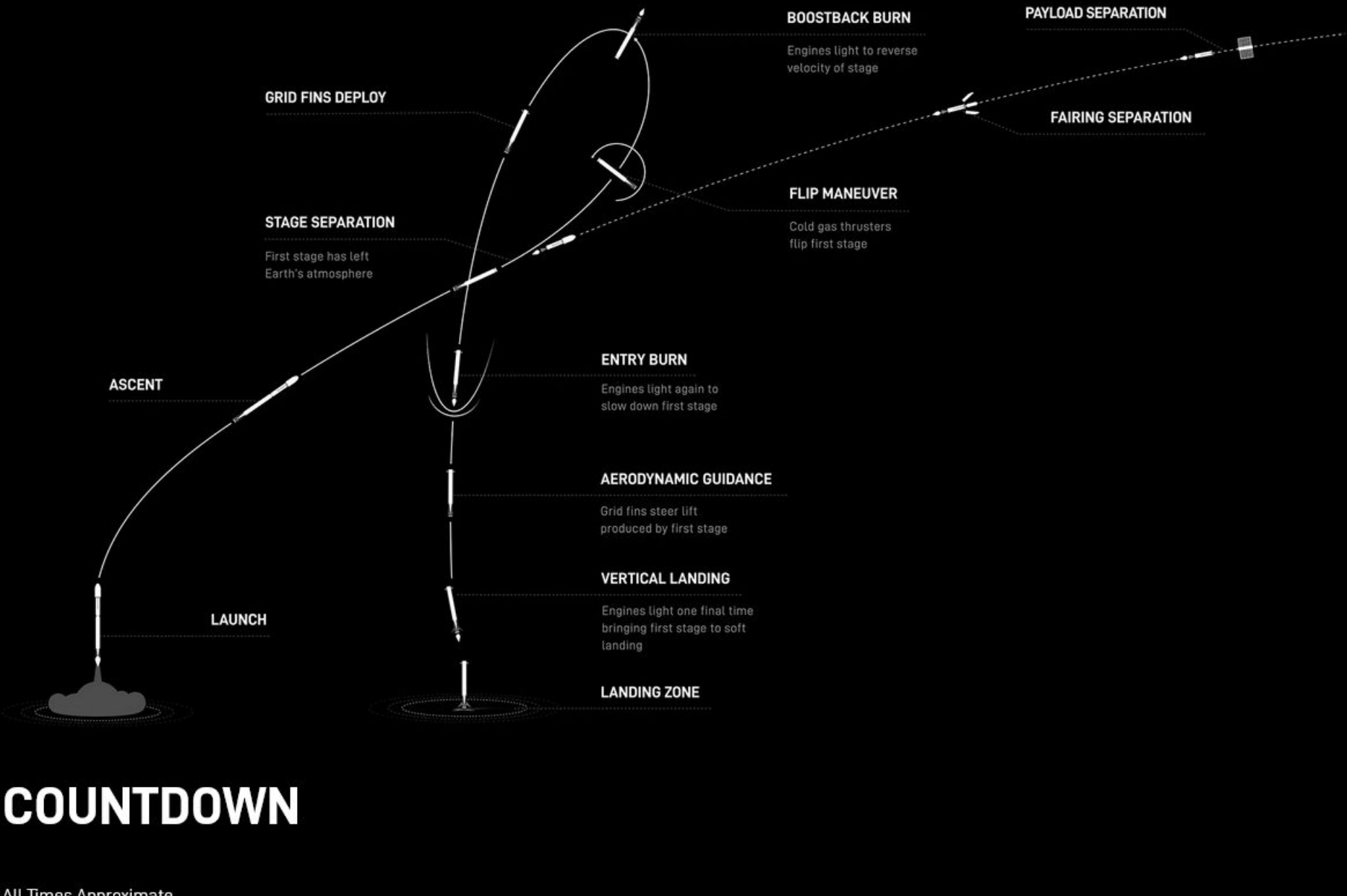
A live webcast of this mission will begin about 10 minutes prior to liftoff, which you can watch here and on X @SpaceX.

This will be the 12th flight for the first stage booster supporting this mission which previously launched SDA-0A, SARah-2, and nine Starlink missions. Following stage separation, Falcon 9 will land on Landing Zone 4 (LZ-4) at Vandenberg Space Force Base.

Transporter-11 is SpaceX's 11th dedicated smallsat rideshare mission. There will be 116 payloads on this flight, including CubeSats, MicroSats, and an orbital transfer vehicle carrying eight of those payloads, five of which will be deployed at a later time. To date, SpaceX has launched more than 1,000 smallsats for 130+ customers across our entire Rideshare program.

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



COUNTDOWN

All Times Approximate

HR/MIN/SEC	EVENT
00:01:06	Max Q (moment of peak mechanical stress on the rocket)
00:02:14	1st stage main engine cutoff (MECO)
00:02:18	1st and 2nd stages separate
00:02:22	Stage 1 flip
00:02:26	2nd stage engine starts (SES-1)
00:02:31	1st stage boostback burn begins
00:02:54	Fairing separation
00:03:28	1st stage boostback burn ends
00:05:56	1st stage entry burn begins
00:06:12	1st stage entry burn ends
00:07:07	1st stage landing burn begins
00:07:36	1st stage landing
00:08:14	2nd stage engine cutoff (SECO-1)
00:50:20	2nd stage engine starts (SES-2)
00:50:23	2nd stage engine cutoff (SECO-2)
00:53:56	GaindeSAT-1A deploys, manifested by Exolaunch
00:54:00	Waratah Seed-1 deploys, manifested by Exolaunch
00:54:14	Φsat-2 deploys, manifested by Exolaunch
00:54:33	Array Labs Rock and Lopen deploy, manifested by Maverick Space Systems
00:54:54	SATORO-T2 deploys, manifested by Maverick Space Systems
00:55:04	Tomorrow-S1 deploys, manifested by Tomorrow.io
00:55:33	CUAVA-2 deploys, manifested by Exolaunch
00:55:54	Plan - S / Connecta IoT-1 deploys, manifested by Exolaunch
00:56:09	ERNST via Fraunhofer EMI deploys, manifested by Exolaunch
00:56:26	Aethero deploys, manifested by Exolaunch
00:56:55	Kanyini deploys, manifested by ISISpace
00:57:18	OreSat0.5 deploys, manifested by Exolaunch
00:57:45	Plan - S / Connecta IoT-4 deploys, manifested by Exolaunch
00:58:04	LEMUR 2 TOMATOKETCHUP deploys, manifested by Exolaunch
00:58:17	Plan - S / Connecta IoT-2 deploys, manifested by Exolaunch
00:58:43	Iperdrone deploys, manifested by SEOPS
00:58:58	GNA-3 deploys, manifested by ISISpace
00:59:18	Hyperfield-1 deploys, manifested by ISISpace
00:59:31	PTD - R deploys, manifested by SEOPS
00:59:41	CAKRA-1 deploys, manifested by Exolaunch
01:00:08	Plan - S / Connecta IoT-3 deploys, manifested by Exolaunch
01:00:31	QUBE deploys, manifested by ISISpace
01:02:19	Tomorrow-S2 deploys, manifested by Tomorrow.io
01:02:26	TROOP- F2 deploys, manifested by SEDPS Ghost Trap
01:02:55	Flock 4BE 16 deploys, manifested by Planet Labs
01:03:28	Flock 4BE 28 deploys, manifested by Planet Labs
01:03:36	Flock 4BE 15 deploys, manifested by Planet Labs
01:04:03	Flock 4BE 4 deploys, manifested by Planet Labs
01:04:09	Flock 4BE 27 deploys, manifested by Planet Labs
01:04:15	Flock 4BE 13 deploys, manifested by Planet Labs
01:04:37	Flock 4BE 14 deploys, manifested by Planet Labs
01:05:10	Flock 4BE 25 deploys, manifested by Planet Labs
01:05:45	Flock 4BE 3 deploys, manifested by Planet Labs
01:05:59	Flock 4BE 26 deploys, manifested by Planet Labs
01:06:33	Flock 4BE 1 deploys, manifested by Planet Labs
01:07:00	Flock 4BE 2 deploys, manifested by Planet Labs
01:07:26	Flock 4BE 20 deploys, manifested by Planet Labs
01:07:56	Flock 4BE 7 deploys, manifested by Planet Labs
01:08:35	Flock 4BE 19 deploys, manifested by Planet Labs
01:09:03	Flock 4BE 31 deploys, manifested by Planet Labs
01:09:42	Flock 4BE 8 deploys, manifested by Planet Labs
01:10:12	Flock 4BE 17 deploys, manifested by Planet Labs
01:10:18	Flock 4BE 32 deploys, manifested by Planet Labs
01:10:37	Flock 4BE 6 deploys, manifested by Planet Labs
01:10:48	Flock 4BE 5 deploys, manifested by Planet Labs
01:11:02	Flock 4BE 18 deploys, manifested by Planet Labs
01:11:55	Flock 4BE 24 deploys, manifested by Planet Labs
01:12:19	Flock 4BE 29 deploys, manifested by Planet Labs
01:12:42	Flock 4BE 30 deploys, manifested by Planet Labs
01:13:02	Flock 4BE 11 deploys, manifested by Planet Labs
01:13:32	Flock 4BE 12 deploys, manifested by Planet Labs
01:13:52	Flock 4BE 36 deploys, manifested by Planet Labs
01:14:14	Flock 4BE 23 deploys, manifested by Planet Labs
01:14:34	Flock 4BE 9 deploys, manifested by Planet Labs
01:15:05	Flock 4BE 10 deploys, manifested by Planet Labs
01:15:27	Flock 4BE 22 deploys, manifested by Planet Labs
01:16:02	Flock 4BE 21 deploys, manifested by Planet Labs
01:16:07	Flock 4BE 35 deploys, manifested by Planet Labs
01:16:27	NewSat 50 deploys, manifested by Satellogic
01:16:43	Flock 4BE 34 deploys, manifested by Planet Labs
01:17:16	EagleEye deploys, manifested by Exolaunch
01:17:45	NewSat 48 deploys, manifested by Satellogic
01:17:53	YAM-7 deploys, manifested by Exolaunch
01:18:24	Flock 4BE 33 deploys, manifested by Planet Labs
01:18:56	TYCHE deploys, manifested by Surrey Satellite Technology Limited (SSTL)
01:19:25	Tanager 1 deploys, manifested by Planet Labs
01:19:54	NewSat 49 deploys, manifested by Satellogic
01:20:23	LUR-1 deploys, manifested by AVS
01:22:14	WREN-1 deploys, manifested by SEOPS
01:45:21	2nd stage engine starts (SES-3)
01:45:21	2nd stage engine cutoff (SECO-3)
02:27:21	2nd stage engine starts (SES-4)
02:27:22	2nd stage engine cutoff (SECO-4)
02:30:22	TORO deploys, manifested by Exolaunch
02:30:46	UMSSat-Ribat deploys, manifested by Exolaunch
02:30:51	Sateliot_2 deploys, manifested by Exolaunch
02:31:12	UMS-EDSat deploys, manifested by Exolaunch
02:31:21	NighJar deploys, manifested by Exolaunch
02:31:25	Sateliot_4 deploys, manifested by Exolaunch
02:31:32	HYPSON-2 deploys, manifested by Exolaunch
02:31:42	LEMUR 2 STELLA deploys, manifested by Exolaunch
02:31:53	LEMUR 2 MARHISYAM deploys, manifested by Exolaunch
02:32:16	BRO-15 deploys, manifested by Exolaunch
02:32:29	PICO-1B1+ deploys, manifested by ISISpace
02:32:38	Sateliot_1 deploys, manifested by Exolaunch
02:32:46	LEMU-NGE deploys, manifested by Exolaunch
02:32:51	BRO-14 deploys, manifested by Exolaunch
02:33:02	Sateliot_3 deploys, manifested by Exolaunch
02:33:18	PTD-4 deploys, manifested by SEOPS
02:33:41	GNOMES-5 deploys, manifested by PlanetIQ
02:33:49	Arctic Weather Satellite deploys, manifested by Exolaunch
02:34:02	ICEYE 1 deploys, manifested by Exolaunch
02:34:12	ICEYE 2 deploys, manifested by Exolaunch
02:34:22	Umbr-10 deploys, manifested by Umbr
02:34:29	ICEYE 3 deploys, manifested by Exolaunch
02:34:50	IDN SCV Magnificent Monica deploys, manifested by D-Orbit
02:34:58	Capella-15 deploys, manifested by Exolaunch
02:35:11	Hawk-10B deploys, manifested by Exolaunch
02:35:21	Umbr-09 deploys, manifested by Umbr
02:35:33	ICEYE 4 deploys, manifested by Exolaunch
02:35:52	Hawk-10A deploys, manifested by Exolaunch
02:36:08	QPS-SAR-8 AMATERU-IV deploys, manifested by IQPS
02:36:30	Hawk-10C deploys, manifested by Exolaunch