

NOVEMBER 11, 2025 10:18 - 11:15 PT

# TRANSPORTER-15 MISSION

WATCH →

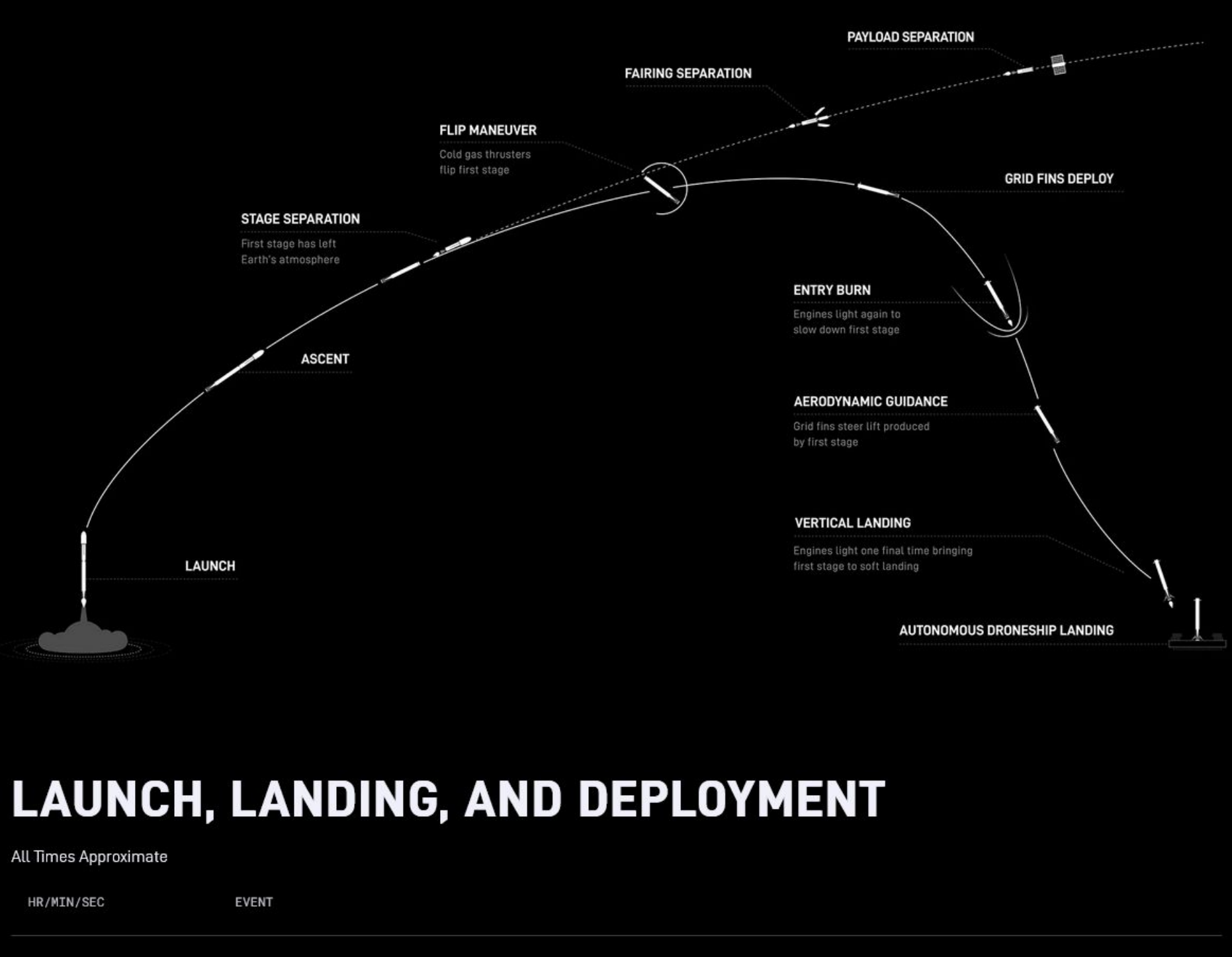
SpaceX is targeting Tuesday, November 11 for Falcon 9's launch of the Transporter-15 mission to low-Earth orbit from Space Launch Complex 4E (SLC-4E) at Vandenberg Space Force Base in California. The 57-minute launch window opens at 10:18 a.m. PT. If needed, there is a backup opportunity on Wednesday, November 13 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 X TV app.

This will be the 30th flight for the first stage booster supporting this mission which previously launched NR01-87, NR01-85, SARah-1, SWOT, Transporter-8, Transporter-9, NR01-146, Bandwagon-2, NR01-153, NR01-192, Transporter-14, and 18 Starlink missions. Following stage separation, Falcon 9 will land on the Of Course I Still Love You dronship stationed in the Pacific Ocean.

## 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)
00:02:30	1ST STAGE MAIN ENGINE CUTOFF (MECO)
00:02:32	1ST AND 2ND STAGES SEPARATE
00:02:40	2ND STAGE ENGINE STARTS (SES-1)
00:03:24	FAIRING SEPARATION
00:06:07	1ST STAGE ENTRY BURN BEGINS
00:06:33	1ST STAGE ENTRY BURN ENDS
00:08:02	1ST STAGE LANDING BURN BEGINS
00:08:21	2ND STAGE ENGINE CUTOFF (SECO-1)
00:08:26	1ST STAGE LANDING
00:51:03	2ND STAGE ENGINE STARTS (SES-2)
00:51:07	2ND STAGE ENGINE CUTOFF (SECO-2)
00:54:39	TOROS DEPLOYS, MANIFESTED BY EXOLAUNCH
00:54:42	BRO-17 DEPLOYS, MANIFESTED BY EXOLAUNCH
00:54:49	DIH-SAT 2 DEPLOYS, MANIFESTED BY EXOLAUNCH
00:54:53	BRO-20 DEPLOYS, MANIFESTED BY EXOLAUNCH
00:54:58	PHI-1 DEPLOYS, MANIFESTED BY EXOLAUNCH
00:55:00	BLACK KITE-1 DEPLOYS, MANIFESTED BY EXOLAUNCH
00:55:04	TRYAD-2 DEPLOYS, MANIFESTED BY SEOPS
00:55:11	LEKUR-2-LATIA DEPLOYS, MANIFESTED BY EXOLAUNCH
00:55:18	HUNITY, SARI 1, SARI 2, AND ANISC DEPLOY, MANIFESTED BY SEOPS
00:55:20	LEKUR-2-DEANANDIAEVE DEPLOYS, MANIFESTED BY EXOLAUNCH
00:55:27	ORORATECH GENA-OT-1 DEPLOYS, MANIFESTED BY EXOLAUNCH
00:55:37	LEKUR-2-TEODOR DEPLOYS, MANIFESTED BY EXOLAUNCH
00:55:42	NOKU-LILTUM-2 DEPLOYS, MANIFESTED BY EXOLAUNCH
00:55:56	LUNA-1 DEPLOYS, MANIFESTED BY EXOLAUNCH
00:55:58	66STARLAB DEPLOYS, MANIFESTED BY EXOLAUNCH
00:55:59	ACCENTURE-1 DEPLOYS, MANIFESTED BY EXOLAUNCH
00:56:06	SPECTRE DEPLOYS, MANIFESTED BY SPACE BD
00:56:16	GYEONGSISAT-1 DEPLOYS, MANIFESTED BY EXOLAUNCH
00:56:21	OTTER AND HCT-SAT2 DEPLOY, MANIFESTED BY EXOLAUNCH
00:56:38	FLEDGLING VEERY V8.5 (VEERY-00) AND SPIN-2 DEPLOY, MANIFESTED BY EXOLAUNCH
00:56:40	TRYAD-1 DEPLOYS, MANIFESTED BY SEOPS
00:56:51	PW-6U DEPLOYS, MANIFESTED BY SEOPS
00:56:52	T.MICROSAT-1 VIA TRON FUTURE TECH DEPLOYS, MANIFESTED BY EXOLAUNCH
00:56:54	WICE-1 DEPLOYS, MANIFESTED BY EXOLAUNCH
00:56:56	FLOCK 4H 10 DEPLOYS, MANIFESTED BY PLANET LABS
00:57:06	CTC-1A DEPLOYS, MANIFESTED BY ARROW SCIENCE AND TECHNOLOGY, LLC
00:57:07	FLOCK 4H 25 DEPLOYS, MANIFESTED BY PLANET LABS
00:57:35	NOKU-LILTUM-3 DEPLOYS, MANIFESTED BY EXOLAUNCH
00:57:44	PHASMA-LAMARR VIA LSF DEPLOYS, MANIFESTED BY EXOLAUNCH
00:57:55	PHASMA-DIRAC VIA LSF DEPLOYS, MANIFESTED BY EXOLAUNCH
00:57:58	FLOCK 4H 14 DEPLOYS, MANIFESTED BY PLANET LABS
00:58:08	FLOCK 4H 13 DEPLOYS, MANIFESTED BY PLANET LABS
00:58:16	AESRC DEPLOYS, MANIFESTED BY SPACE BD
00:58:17	FLOCK 4H 5 DEPLOYS, MANIFESTED BY PLANET LABS
00:58:25	WISDOM A-B DEPLOYS, MANIFESTED BY SEOPS
00:58:43	LEKUR-2-STAS-GORBUK DEPLOYS, MANIFESTED BY EXOLAUNCH
00:59:05	CTC-1A DEPLOYS, MANIFESTED BY ARROW SCIENCE AND TECHNOLOGY, LLC
00:59:16	FLOCK 4H 26 DEPLOYS, MANIFESTED BY PLANET LABS
00:59:28	FLOCK 4H 28 DEPLOYS, MANIFESTED BY PLANET LABS
00:59:30	FLOCK 4H 23 DEPLOYS, MANIFESTED BY PLANET LABS
00:59:42	CTC-1C DEPLOYS, MANIFESTED BY ARROW SCIENCE AND TECHNOLOGY, LLC
00:59:45	PIAST-M DEPLOYS, MANIFESTED BY EXOLAUNCH
01:00:07	FLOCK 4H 4 DEPLOYS, MANIFESTED BY PLANET LABS
01:00:12	IRIDE-MS1-EAGLET-2-1 DEPLOYS, MANIFESTED BY OHB ITALIA
01:00:14	PIAST-S2 DEPLOYS, MANIFESTED BY EXOLAUNCH
01:00:22	IRIDE-MS1-EAGLET-2-5 DEPLOYS, MANIFESTED BY OHB ITALIA
01:00:27	MAIVE DEPLOYS, MANIFESTED BY SEOPS
01:00:36	FLOCK 4H 27 DEPLOYS, MANIFESTED BY PLANET LABS
01:00:52	IRIDE-MS1-EAGLET-2-4 DEPLOYS, MANIFESTED BY OHB ITALIA
01:00:57	IRIDE-MS1-EAGLET-2-3 DEPLOYS, MANIFESTED BY OHB ITALIA
01:01:07	IRIDE-MS1-EAGLET-2-6 DEPLOYS, MANIFESTED BY OHB ITALIA
01:01:42	AESRA DEPLOYS, MANIFESTED BY SPACE BD
01:02:13	AESRB DEPLOYS, MANIFESTED BY SPACE BD
01:02:21	IRIDE-MS1-EAGLET-2-8 DEPLOYS, MANIFESTED BY OHB ITALIA
01:02:44	FLOCK 4H 32 DEPLOYS, MANIFESTED BY PLANET LABS
01:02:54	IRIDE-MS1-EAGLET-2-7 DEPLOYS, MANIFESTED BY OHB ITALIA
01:03:07	FLOCK 4H 16 DEPLOYS, MANIFESTED BY PLANET LABS
01:03:09	IRIDE-MS1-EAGLET-2-2 DEPLOYS, MANIFESTED BY OHB ITALIA
01:03:28	FLOCK 4H 31 DEPLOYS, MANIFESTED BY PLANET LABS
01:03:34	FLOCK 4H 3 DEPLOYS, MANIFESTED BY PLANET LABS
01:03:51	3UCUBED-A DEPLOYS, MANIFESTED BY SEOPS
01:04:52	FLOCK 4H 35 DEPLOYS, MANIFESTED BY PLANET LABS
01:05:08	FLOCK 4H 33 DEPLOYS, MANIFESTED BY PLANET LABS
01:05:19	FLOCK 4H 34 DEPLOYS, MANIFESTED BY PLANET LABS
01:05:29	FLOCK 4H 2 DEPLOYS, MANIFESTED BY PLANET LABS
01:05:30	FLOCK 4H 36 DEPLOYS, MANIFESTED BY PLANET LABS
01:06:20	FLOCK 4H 30 DEPLOYS, MANIFESTED BY PLANET LABS
01:07:04	FLOCK 4H 15 DEPLOYS, MANIFESTED BY PLANET LABS
01:07:14	FLOCK 4H 29 DEPLOYS, MANIFESTED BY PLANET LABS
01:07:42	FLOCK 4H 18 DEPLOYS, MANIFESTED BY PLANET LABS
01:08:56	FLOCK 4H 19 DEPLOYS, MANIFESTED BY PLANET LABS
01:09:27	FLOCK 4H 20 DEPLOYS, MANIFESTED BY PLANET LABS
01:09:46	FLOCK 4H 17 DEPLOYS, MANIFESTED BY PLANET LABS
01:10:37	FLOCK 4H 24 DEPLOYS, MANIFESTED BY PLANET LABS
01:11:45	FLOCK 4H 22 DEPLOYS, MANIFESTED BY PLANET LABS
01:12:41	FLOCK 4H 21 DEPLOYS, MANIFESTED BY PLANET LABS
01:12:57	FLOCK 4H 1 DEPLOYS, MANIFESTED BY PLANET LABS
01:14:11	FLOCK 4H 6 DEPLOYS, MANIFESTED BY PLANET LABS
01:14:52	FLOCK 4H 8 DEPLOYS, MANIFESTED BY PLANET LABS
01:16:05	FLOCK 4H 7 DEPLOYS, MANIFESTED BY PLANET LABS
01:16:49	FLOCK 4H 12 DEPLOYS, MANIFESTED BY PLANET LABS
01:18:03	FLOCK 4H 9 DEPLOYS, MANIFESTED BY PLANET LABS
01:18:41	FLOCK 4H 11 DEPLOYS, MANIFESTED BY PLANET LABS
01:18:43	ICEYE 4 DEPLOYS, MANIFESTED BY EXOLAUNCH
01:18:55	ICEYE 3 DEPLOYS, MANIFESTED BY EXOLAUNCH
01:19:05	NEWSAT 52 DEPLOYS, MANIFESTED BY SATELLOGIC
01:19:15	LEO EXPRESS 3 DEPLOYS, MANIFESTED BY IMPULSE SPACE
01:19:17	AC1-003 DEPLOYS, MANIFESTED BY EXOLAUNCH
01:19:30	ICEYE 1 DEPLOYS, MANIFESTED BY EXOLAUNCH
01:19:32	HYDROONSS-1 DEPLOYS, MANIFESTED BY EXOLAUNCH
01:19:40	PIAST-S1 DEPLOYS, MANIFESTED BY EXOLAUNCH
01:20:07	NAHLA DEPLOYS, MANIFESTED BY EXOLAUNCH
01:20:15	YAM-9 DEPLOYS, MANIFESTED BY EXOLAUNCH
01:20:23	UMBRA-11 DEPLOYS, MANIFESTED BY UMBRA
01:20:26	PELICAN-6 DEPLOYS, MANIFESTED BY PLANET LABS
01:20:30	PELICAN-5 DEPLOYS, MANIFESTED BY PLANET LABS
01:20:44	NEWSAT 47 DEPLOYS, MANIFESTED BY SATELLOGIC
01:20:52	AC1-001 DEPLOYS, MANIFESTED BY EXOLAUNCH
01:21:06	MERCURY ONE DEPLOYS, MANIFESTED BY EXOLAUNCH
01:21:13	FGN-TUC-S01 DEPLOYS, MANIFESTED BY FERGANI
01:21:20	ICEYE 5 DEPLOYS, MANIFESTED BY EXOLAUNCH
01:21:53	ION SCV GALACTIC GEORGUS DEPLOYS, MANIFESTED BY IMPULSO SPACE
01:22:02	HYDROONSS-2 DEPLOYS, MANIFESTED BY EXOLAUNCH
01:22:41	AC1-002 DEPLOYS, MANIFESTED BY EXOLAUNCH
01:22:44	NEWSAT 51 DEPLOYS, MANIFESTED BY SATELLOGIC
01:23:29	ION SCV STELLAR STERIANUS DEPLOYS, MANIFESTED BY D-ORBIT
01:24:35	W-SERIES 5 DEPLOYS, MANIFESTED BY VARDIA
01:25:35	ICEYE 2 DEPLOYS, MANIFESTED BY EXOLAUNCH
01:45:47	2ND STAGE ENGINE STARTS (SES-3)
01:45:47	2ND STAGE ENGINE CUTOFF (SECO-3)
02:15:41	2ND STAGE ENGINE STARTS (SES-4)
02:15:41	2ND STAGE ENGINE CUTOFF (SECO-4)
02:19:56	FORMOSAT-8A DEPLOYS, MANIFESTED BY TASA
02:39:29	2ND STAGE ENGINE STARTS (SES-5)
02:39:37	2ND STAGE ENGINE CUTOFF (SECO-5)
02:43:10	REALIZING RAPID, REDUCED-COST HIGH-RISK RESEARCH (R5) DEPLOYS, MANIFESTED BY NASA'S CUBESAT LAUNCH INITIATIVE