



DECEMBER 1, 2025

# STARLINK MISSION

WATCH →

On Monday, December 1st at 2:44 a.m. ET, Falcon 9 launched 29 [Starlink](#) satellites to low-Earth orbit from Launch Complex 39A (LC-39A) at Kennedy Space Center in Florida.

This was the fourth flight for the first stage booster supporting this mission, which has now launched four Starlink missions. Following stage separation, the first stage landed on the Just Read the Instructions droneship, which was stationed in the Atlantic Ocean.

## COUNTDOWN

HR/MIN/SEC	EVENT
00:38:00	SPACE X 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	SPACE X 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)
00:02:24	1ST STAGE MAIN ENGINE CUTOFF (MECO)
00:02:27	1ST AND 2ND STAGES SEPARATE
00:02:34	2ND STAGE ENGINE STARTS (SES-1)
00:02:57	FAIRING SEPARATION
00:06:07	1ST STAGE ENTRY BURN BEGINS
00:06:34	1ST STAGE ENTRY BURN ENDS
00:08:01	1ST STAGE LANDING BURN BEGINS
00:08:25	1ST STAGE LANDING
00:08:38	2ND STAGE ENGINE CUTOFF (SECO-1)
00:56:48	2ND STAGE ENGINE STARTS (SES-2)
00:53:50	2ND STAGE ENGINE CUTOFF (SECO-2)
01:04:55	STARLINK SATELLITES DEPLOY