

NOVEMBER 22, 2025

STARLINK MISSION

WATCH →

On Saturday, November 22nd at 2:53 a.m. ET, Falcon 9 launched 29 [Starlink](#) satellites to low-Earth orbit from Space Launch Complex 40 (SLC-40) at Cape Canaveral Space Force Station in Florida.

This was the ninth flight for the first stage booster supporting this mission, which previously launched SES 03b mPOWER-E, Crew-10, Bandwagon-3, mPOWER-D, CRS-33, and now four Starlink missions. Following stage separation, the first stage landed on the A Shortfall of Gravitats droneship, which was stationed in the Atlantic 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)
00:02:24	1ST STAGE MAIN ENGINE CUTOFF (MECO)
00:02:28	1ST AND 2ND STAGES SEPARATE
00:02:36	2ND STAGE ENGINE STARTS (SES-1)
00:02:56	FAIRING SEPARATION
00:06:09	1ST STAGE ENTRY BURN BEGINS
00:06:36	1ST STAGE ENTRY BURN ENDS
00:07:59	1ST STAGE LANDING BURN BEGINS
00:08:24	1ST STAGE LANDING
00:08:39	2ND STAGE ENGINE CUTOFF (SECO-1)
00:53:53	2ND STAGE ENGINE STARTS (SES-2)
00:53:54	2ND STAGE ENGINE CUTOFF (SECO-2)
01:05:00	STARLINK SATELLITES DEPLOY

