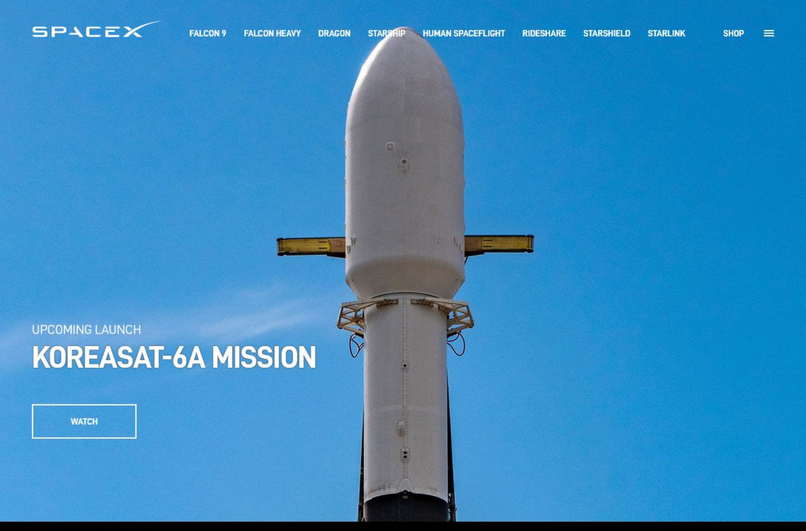


UPCOMING LAUNCH

KOREASAT-6A MISSION

WATCH

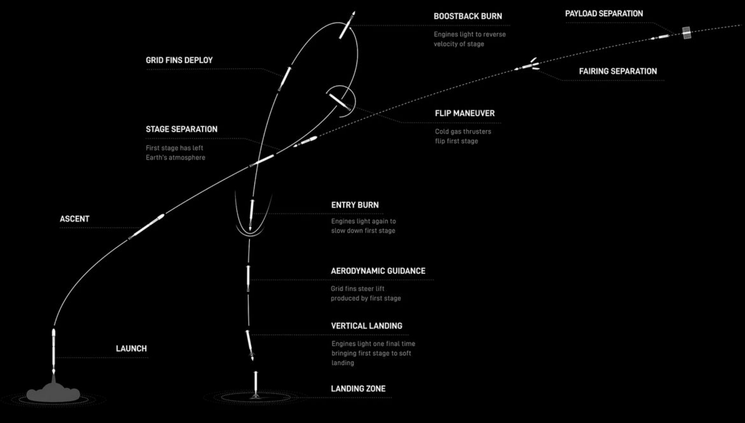
SpaceX is targeting Monday, November 11 for launch of the Koreasat-6A mission to geosynchronous transfer orbit from Launch Complex 39A (LC-39A) at Kennedy Space Center in Florida. The four-hour window opens at 12:07 p.m. ET. If needed, a backup launch opportunity is available on Tuesday, November 12 with a four-hour window opening at 12:06 p.m. ET.

A live webcast of this mission will begin about 15 minutes prior to liftoff, which you can watch here and on **X @SpaceX**.

This will be the 23rd flight for the Falcon 9 first stage booster supporting this mission, which previously launched CRS-22, Crew-3, Turksat 5B, Crew-4, CRS-25, Eutelsat HOTBIRD 13G, O3B mPOWER, PSN SATRIA, Telkomsat Marah Putih 2, Galileo L13, and 12 Starlink missions. After stage separation, the first stage will land on Landing Zone 1 (LZ-1) at Cape Canaveral Space Force Station.

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
00:01:09	Max Q (moment of peak mechanical stress on the rocket)
00:02:17	1st stage main engine cutoff (MECO)
00:02:21	1st and 2nd stages separate
00:02:25	Stage 1 flip
00:02:28	2nd stage engine starts (SES-1)
00:02:34	1st stage boostback burn starts
00:03:08	Fairing separation
00:03:29	1st stage boostback burn ends
00:06:28	1st stage entry burn begins
00:06:51	1st stage entry burn ends
00:07:41	1st stage landing burn begins
00:08:03	2nd stage engine cutoff (SECO-1)
00:08:04	1st stage landing
00:34:35	Koreasat-6A deploys