

UPCOMING LAUNCH

TURKSAT 6A MISSION

WATCH

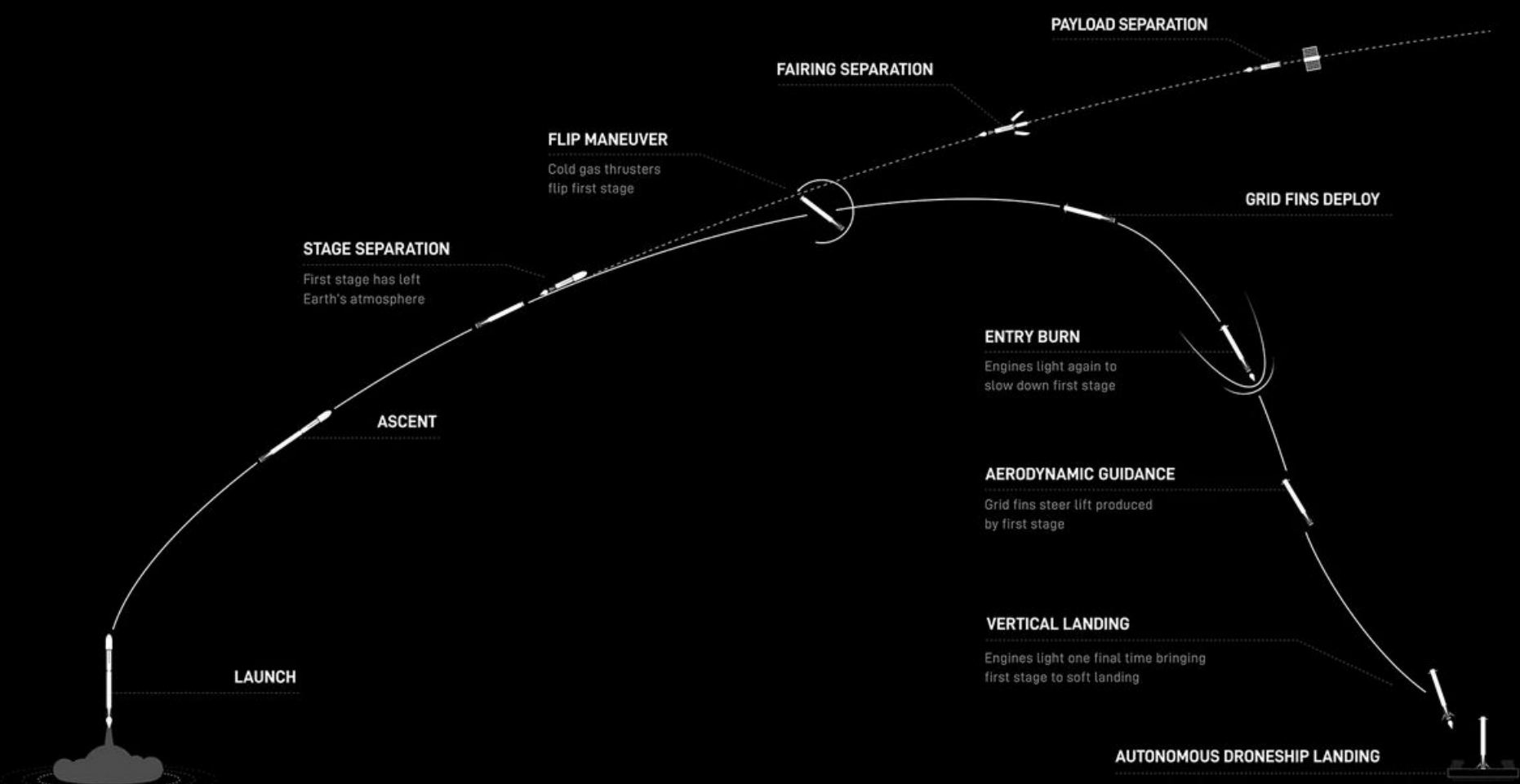
SpaceX is targeting Monday, July 8 for a Falcon 9 launch of the Turksat 6A mission to geosynchronous transfer orbit from Space Launch Complex 40 (SLC-40) at Cape Canaveral Space Force Station in Florida. The launch window opens at 6:30 p.m. ET. If needed, a backup opportunity is available Tuesday, July 9, with a four-hour launch window opening at 5:20 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 is the 15th flight of the first stage booster supporting this mission, which previously launched CRS-26, OneWeb Launch 16, Intelsat IS-40e, O3b mPOWER, Ovzon 3, Eutelsat 36D, and eight Starlink missions. Following stage separation, the first stage will land on the Just Read the Instructions droneship, which will be 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



COUNTDOWN

All Times Approximate

HR/MIN/SEC	EVENT
00:01:14	Max Q (moment of peak mechanical stress on the rocket)
00:02:32	1st stage main engine cutoff (MECO)
00:02:35	1st and 2nd stages separate
00:02:43	2nd stage engine starts
00:03:15	Fairing separation
00:06:16	1st stage entry burn start
00:06:40	1st stage entry burn ends
00:08:07	2nd stage engine cutoff (SECO-1)
00:08:10	1st stage landing burn start
00:08:36	1st stage landing
00:27:17	2nd stage engine starts (SES-2)
00:28:20	2nd stage engine cutoff (SECO-2)
00:35:31	Turksat 6A satellite deploys