

UPCOMING LAUNCH

MTG-S1 MISSION

WATCH

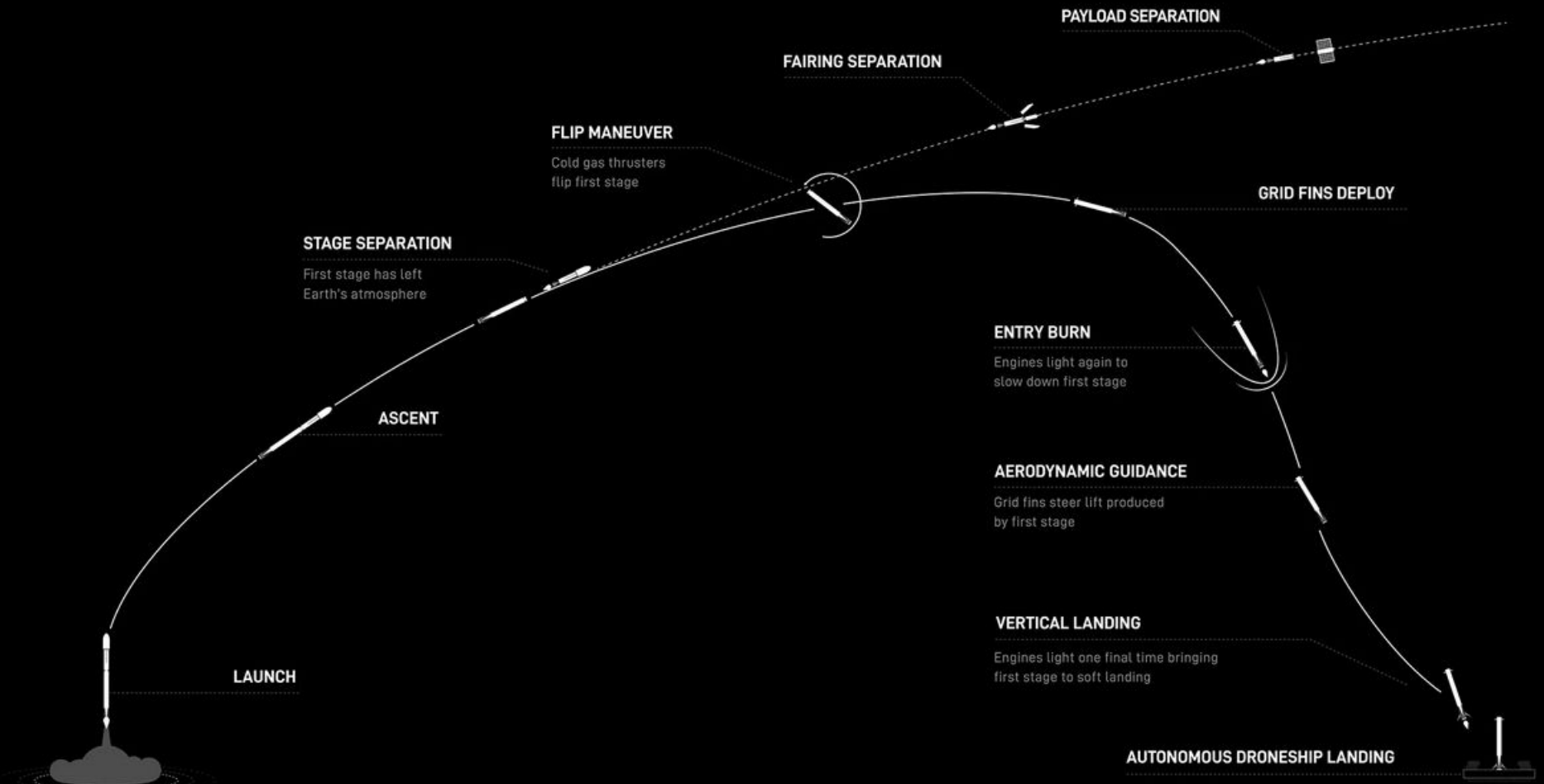
SpaceX is targeting Tuesday, July 1 for a Falcon 9 launch of the Eumetsat **MTG-S1** mission to geosynchronous transfer orbit from Launch Complex 39A (LC-39A) at Kennedy Space Center in Florida. The 150-minute window opens at 5:04 p.m. ET. If needed, a backup launch opportunity is available on Wednesday, July 2 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 new X TV app.

This will be the ninth flight for the Falcon 9 first stage booster supporting this mission, which previously launched Crew-9, RRT-1, Firefly Blue Ghost Mission 1, Fram2, SXM-10, and three Starlink missions. After stage separation, the first stage will land on the Just Read the Instructions dronship, 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



LAUNCH, LANDING, AND DEPLOYMENT

All Times Approximate

HR/MIN/SEC	EVENT
00:01:12	Max Q (moment of peak mechanical stress on the rocket)
00:02:28	1st stage main engine cutoff (MECO)
00:02:31	1st and 2nd stages separate
00:02:39	2nd stage engine starts (SES-1)
00:03:24	Fairing separation
00:06:11	1st stage entry burn begins
00:06:34	1st stage entry burn ends
00:07:59	1st stage landing burn begins
00:08:01	2nd stage engine cutoff (SECO-1)
00:08:28	1st stage landing
00:26:54	2nd stage engine starts (SES-2)
00:28:00	2nd stage engine cutoff (SECO-2)
00:35:11	MTG-S1 deploys