

UPCOMING LAUNCH

RRT-1 MISSION

WATCH

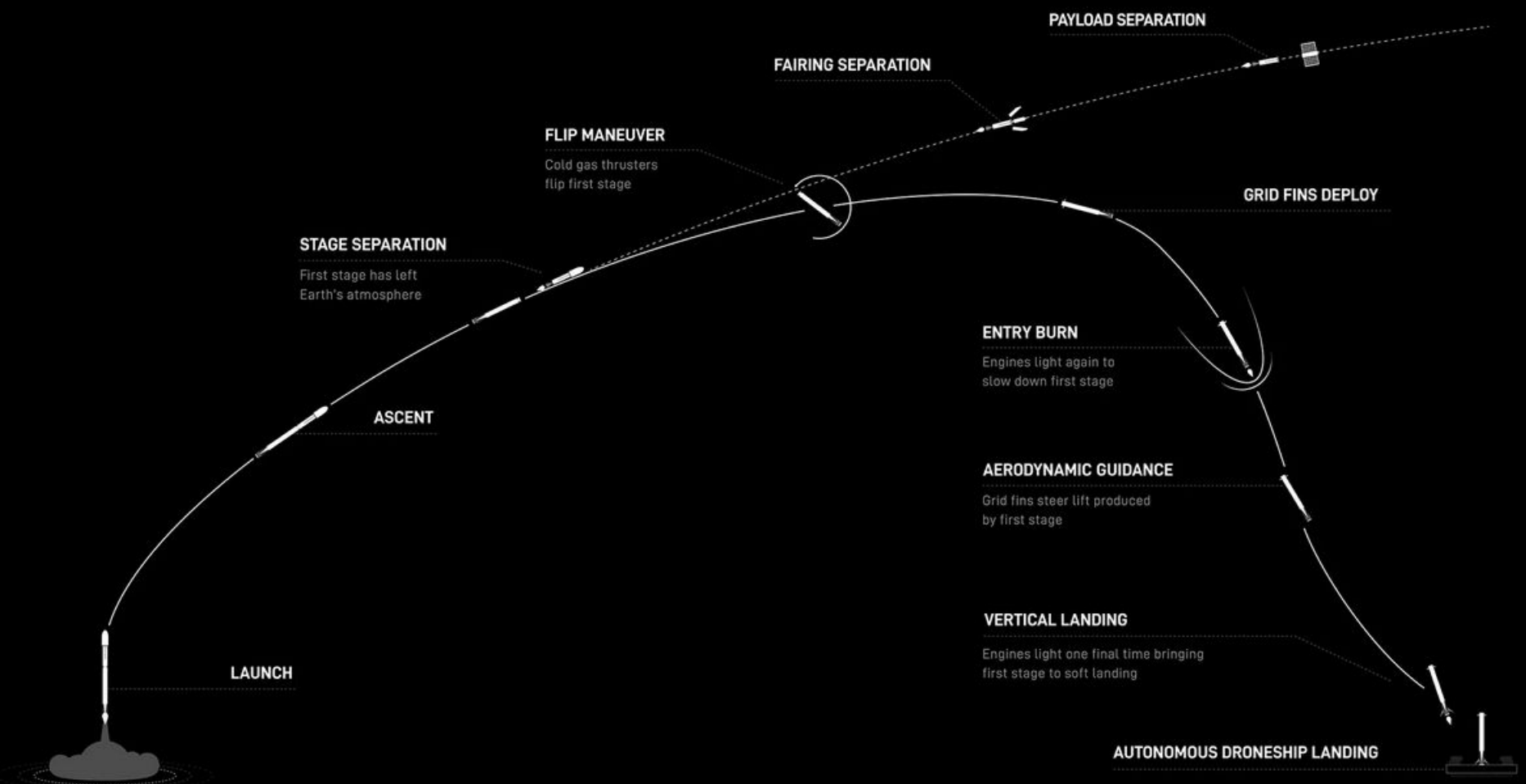
SpaceX is targeting Friday, December 13 for a Falcon 9 launch of the RRT-1 mission from Space Launch Complex 40 (SLC-40) in Cape Canaveral, Florida. Liftoff is targeted for 8:04 p.m. ET. If needed, a backup opportunity is available on Saturday, December 14 starting at 7:59 p.m. ET.

A live webcast of this mission will begin about ten 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 is the fourth flight for the first stage booster supporting this mission, which previously launched Crew-9 and two Starlink missions. Following stage separation, the first stage will land on the A Shortfall of Gravitas 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



LAUNCH, LANDING, AND DEPLOYMENT

HR/MIN/SEC	EVENT
00:01:16	Max Q
00:02:33	1st stage main engine cutoff (MECO)
00:02:36	1st and 2nd stages separate
00:02:44	2nd stage engine starts (SES-1)
00:06:12	1st stage entry burn begins
00:06:38	1st stage entry burn ends
00:08:06	1st stage landing burn begins
00:08:10	2nd stage engine cutoff (SECO-1)
00:08:29	1st stage landing
01:03:33	2nd stage engine starts (SES-2)
01:04:20	2nd stage engine cutoff (SECO-2)
01:29:21	Payload deploy