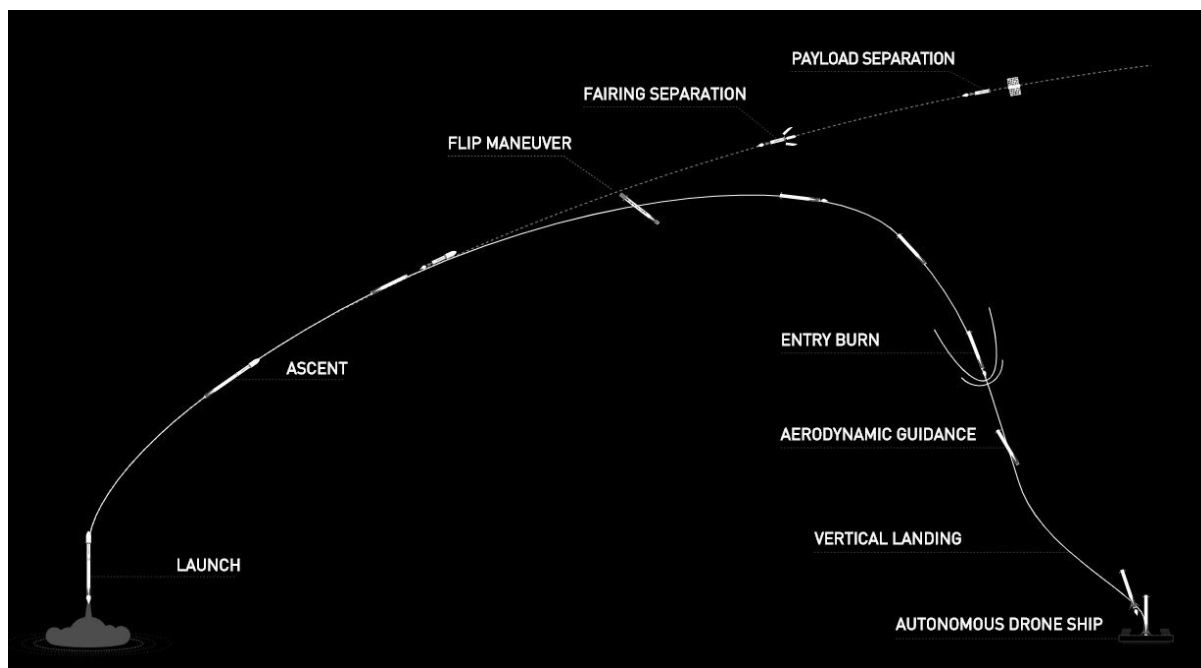


GPS III SPACE VEHICLE 03 MISSION

MISSION OVERVIEW

SpaceX is targeting Tuesday, June 30 for a Falcon 9 launch of the GPS III Space Vehicle 03 mission from Space Launch Complex 40 (SLC-40) at Cape Canaveral Air Force Station in Florida. The 15-minute primary launch window opens at 3:55 p.m. EDT, 19:55 UTC, and a backup opportunity is available on Wednesday, July 1 with a 15-minute launch window opening at 3:51 p.m. EDT, 19:51 UTC.

Following stage separation, SpaceX will land Falcon 9's first stage on the "Just Read the Instructions" droneship, which will be stationed in the Atlantic Ocean. The spacecraft will deploy approximately 1 hour and 29 minutes after liftoff. You can watch the launch webcast [here](#), starting about 15 minutes before liftoff.



MISSION TIMELINE

COUNTDOWN

All Times Are Approximate

Hr/Min/Sec	Event
- 00:38:00	SpaceX Launch Director verifies go for propellant load
- 00:35:00	RP-1 (rocket grade kerosene) loading underway
- 00:35:00	1st stage LOX (liquid oxygen) loading underway
- 00:16:00	2nd stage LOX loading underway
- 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 Are Approximate

Hr/Min/Sec	Event
00:01:11	Max Q (moment of peak mechanical stress on the rocket)
00:02:31	1st stage main engine cutoff (MECO)
00:02:35	1st and 2nd stages separate
00:02:42	2nd stage engine starts (SES-1)
00:03:28	Fairing deployment
00:06:45	1st stage entry burn complete
00:08:07	2nd stage engine cutoff (SECO-1)
00:08:30	1st stage landing
01:03:28	2nd stage engine starts (SES-2)
01:04:13	2nd stage engine cutoff (SECO-2)
01:29:14	GPS III Space Vehicle 03 deployment