

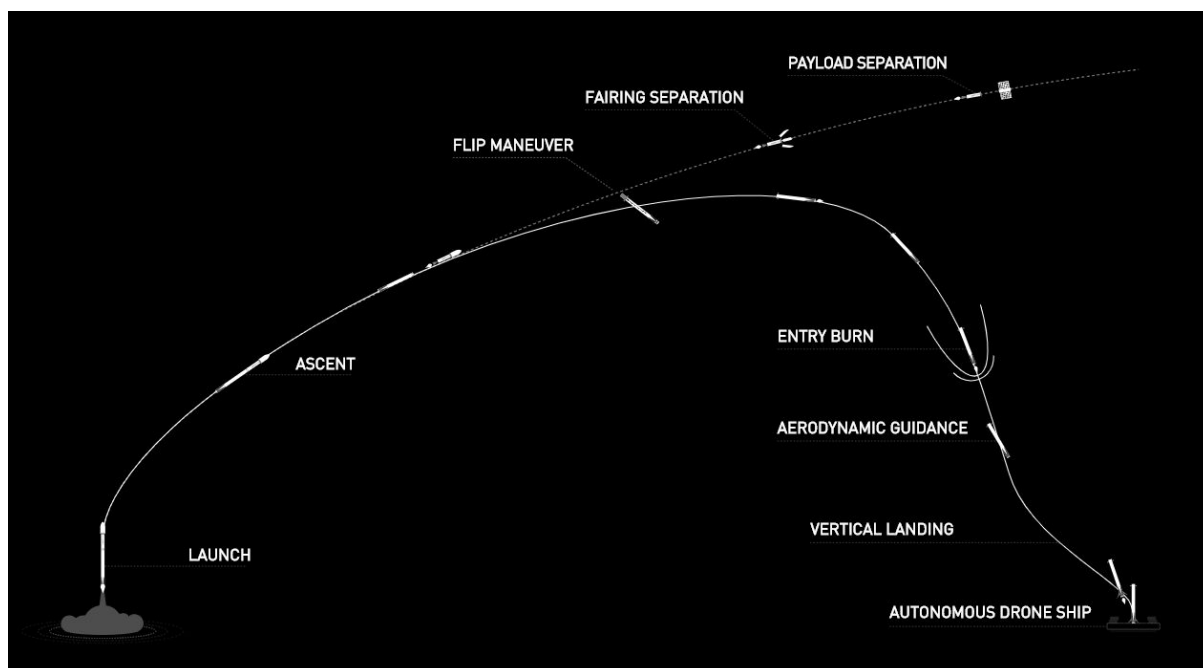
# ANASIS-II MISSION

## MISSION OVERVIEW

SpaceX is targeting Monday, July 20 for Falcon 9's launch of the ANASIS-II mission, which will lift off from Space Launch Complex 40 (SLC-40) at Cape Canaveral Air Force Station in Florida. The primary launch window opens at 5:00 p.m. EDT, or 21:00 UTC, and closes at 8:55 p.m. EDT, or 00:55 UTC on July 21. Falcon 9's first stage previously launched Crew Dragon to the International Space Station with NASA astronauts Bob Behnken and Doug Hurley on board.

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 ANASIS-II spacecraft will deploy about 32 minutes after liftoff. Per the customer's request, live coverage will end shortly after first stage landing.

You can watch the launch webcast [here](#), starting about 15 minutes before liftoff.



# MISSION TIMELINE

## COUNTDOWN

All Times Are Approximate

<b>Hr/Min/Sec</b>	<b>Event</b>
- 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

<b>Hr/Min/Sec</b>	<b>Event</b>
00:01:12	Max Q (moment of peak mechanical stress on the rocket)
00:02:32	1st stage main engine cutoff (MECO)
00:02:36	1st and 2nd stages separate
00:02:43	2nd stage engine starts (SES-1)
00:03:34	Fairing deployment
00:06:46	1st stage entry burn complete
00:08:06	2nd stage engine cutoff (SECO-1)
00:08:31	1st stage landing
00:26:32	2nd stage engine starts (SES-2)
00:27:28	2nd stage engine cutoff (SECO-2)
00:32:29	ANASIS-II deployment