

# EUTELSAT HOTBIRD 13G MISSION

## MISSION OVERVIEW

SpaceX is targeting Wednesday, November 2 for launch of the **Eutelsat HOTBIRD 13G** mission to a geosynchronous transfer orbit from Space Launch Complex 40 (SLC-40) at Cape Canaveral Space Force Station in Florida. The 116-minute launch window opens at 11:26 p.m. ET (03:26 UTC on November 3). A backup launch opportunity is available on Thursday, November 3, with the same window.

The Falcon 9 first stage booster supporting this mission previously launched CRS-22, Crew-3, Turksat 5B, Crew-4, CRS-25, and one Starlink mission. After stage separation, the first stage will land on the Just Read the Instructions dronship, which will be stationed in the Atlantic Ocean.

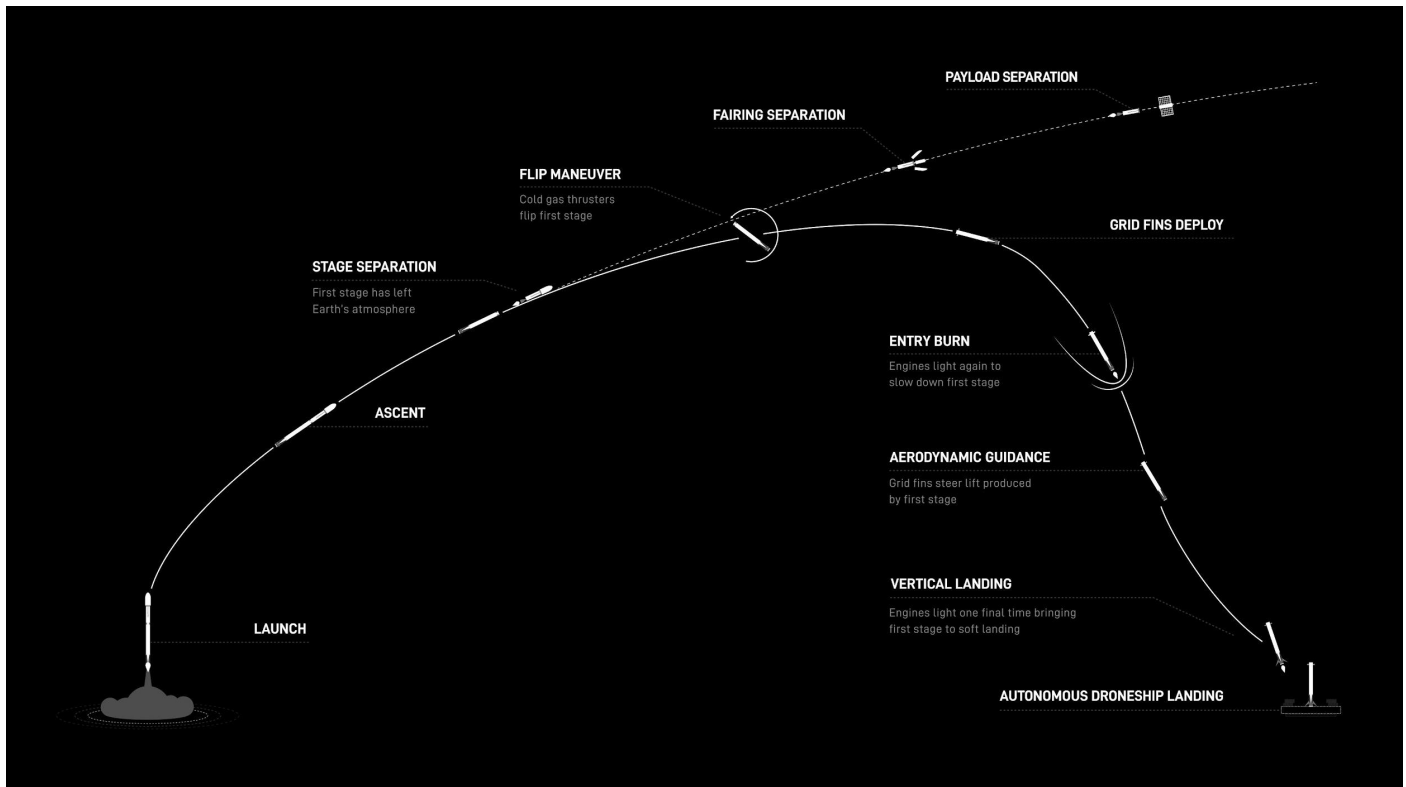
## WEBCAST

[A live webcast of this mission](#) will begin about 15 minutes prior to liftoff.

## PHOTOS

High-resolution photos will be posted at [flickr.com/spacex](https://www.flickr.com/photos/spacex/).

## MISSION PROFILE



# MISSION TIMELINE (ALL TIMES APPROXIMATE)

## COUNTDOWN

<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 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

<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)
00:02:35	1st and 2nd stages separate
00:02:43	2nd stage engine starts (SES-1)
00:03:23	Fairing deployment
00:06:30	1st stage entry burn begins
00:06:55	1st stage entry burn completes
00:08:08	2nd stage engine cutoff (SECO)
00:08:22	1st stage landing burn begins
00:08:44	1st stage landing
00:29:11	2nd stage engine restarts (SES-2)
00:30:10	2nd stage engine cutoff (SECO-2)
00:36:11	Eutelsat HOTBIRD 13G deploys