

EUTELSAT HOTBIRD 13F MISSION

MISSION OVERVIEW

SpaceX is targeting Friday, October 14 for launch of the **Eutelsat HOTBIRD 13F** 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 October 15). A backup launch opportunity is available on Saturday, October 15 with the same window.

The Falcon 9 first stage booster supporting this mission previously launched CRS-24 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.

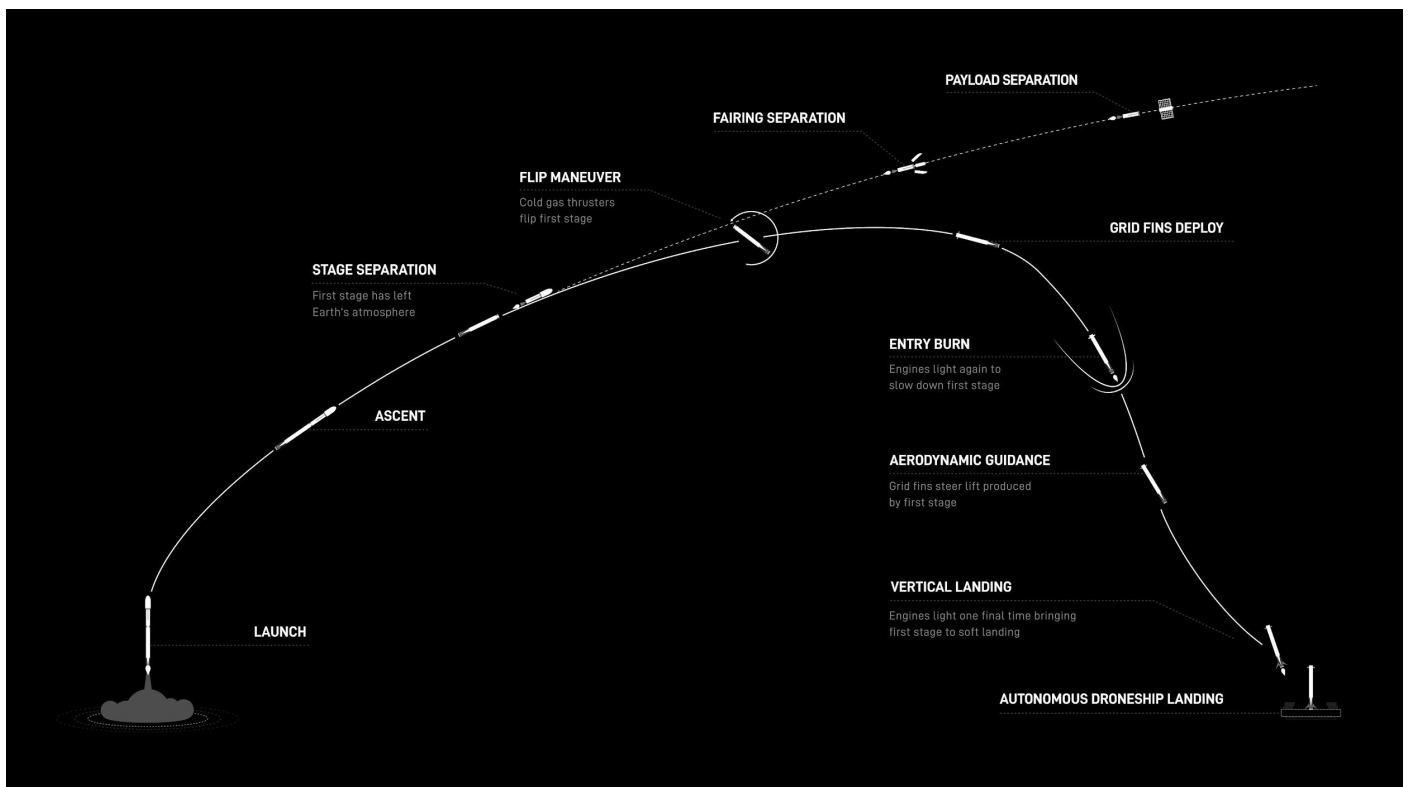
WEBCAST

[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

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
00:01:12	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
00:02:42	2nd stage engine starts (SES-1)
00:03:22	Fairing deployment
00:06:29	1st stage entry burn begins
00:06:57	1st stage entry burn completes
00:08:07	2nd stage engine cutoff (SECO)
00:08:22	1st stage landing burn begins
00:08:45	1st stage landing
00:29:12	2nd stage engine restarts (SES-2)
00:30:10	2nd stage engine cutoff (SECO-2)
00:36:11	Eutelsat HOTBIRD 13F deploys