

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**.

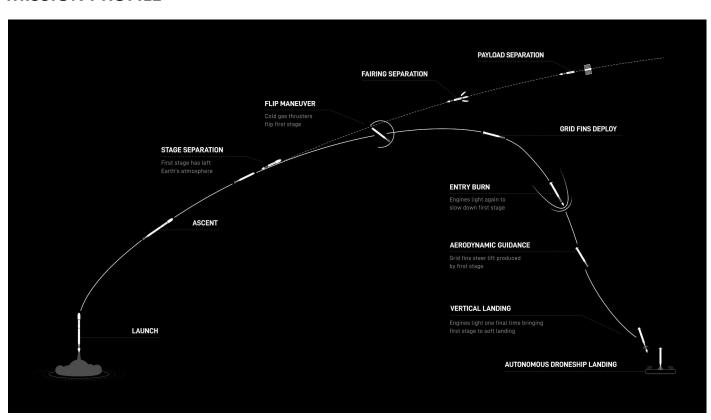
HISPASAT AMAZONAS NEXUS MISSION

MISSION OVERVIEW

SpaceX is targeting Monday, February 6 at 5:32 p.m. ET (22:32 UTC) for Falcon 9's launch of the **Hispasat Amazonas Nexus mission** to orbit from Space Launch Complex 40 at Cape Canaveral Space Force Station in Florida.

The first stage booster supporting this mission previously launched SES-22, ispace's HAKUTO-R Mission 1, and three Starlink missions. Following stage separation, the first stage will land on the Just Read the Instructions droneship, which will be stationed in the Atlantic Ocean.

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) |
| 00:02:30 | 1st stage main engine cutoff (MECO) |
| 00:02:33 | 1st and 2nd stages separate |
| 00:02:41 | 2nd stage engine starts (SES-1) |
| 00:03:29 | Fairing deploy |
| 00:06:06 | 1st stage entry burn begins |
| 00:06:36 | 1st stage entry burn ends |
| 00:08:03 | 1st stage landing burn begins |
| 00:08:06 | 2nd stage engine cutoff (SECO-1) |
| 00:08:30 | 1st stage landing |
| 00:26:41 | 2nd stage engine starts (SES-2) |
| 00:27:43 | 2nd stage engine cutoff (SECO-2) |
| 00:35:44 | Hispasat's Amazonas Nexus deploys |