

USSF-67 MISSION



MISSION OVERVIEW

SpaceX is targeting Sunday, January 15 at 5:56 p.m. ET (22:56 UTC) for Falcon Heavy's launch of the **USSF-67 mission** to a geosynchronous Earth orbit from Launch Complex 39A (LC-39A) at Kennedy Space Center in Florida.

Following booster separation, Falcon Heavy's two side boosters will land on SpaceX's Landing Zones 1 and 2 (LZ-1 and LZ-2) at Cape Canaveral Space Force Station in Florida.

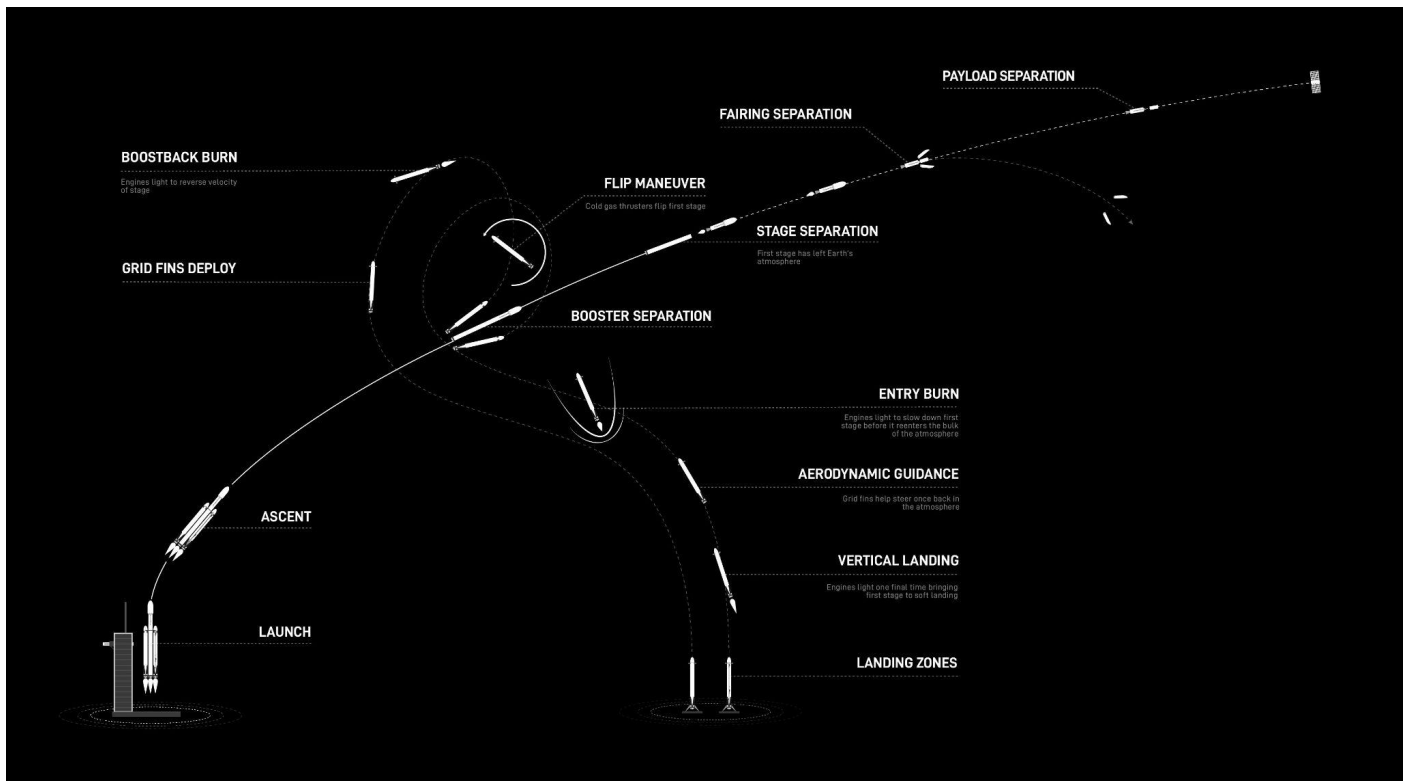
WEBCAST

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
- 00:53:00	SpaceX Launch Director verifies go for propellant load
- 00:50:00	1st stage and side boosters RP-1 (rocket grade kerosene) loading begins
- 00:45:00	1st stage and side boosters LOX (liquid oxygen) loading begins
- 00:35:00	2nd stage RP-1 (rocket grade kerosene) loading begins
- 00:18:30	2nd stage LOX loading begins
- 00:07:00	Falcon Heavy begins engine chill
- 00:00:59	Flight computer commanded to begin final pre-launch checks
- 00:00:45	SpaceX Launch Director verifies go for launch
- 00:00:20	Propellant tanks pressurize for flight
- 00:00:06	Engine controller commands engine ignition sequence to start
- 00:00:00	Falcon Heavy liftoff

LAUNCH, LANDING AND DEPLOYMENT

Hr/Min/Sec	Event
00:01:11	Max Q (moment of peak mechanical stress on the rocket)
00:02:24	Side boosters engine cutoff (BECO)
00:02:28	Side boosters separate
00:02:43	Side boosters boostback burns begin
00:03:52	Side boosters boostback burns end
00:03:55	1st stage main engine cutoff (MECO)
00:03:59	Center core 1st and 2nd stages separate
00:04:05	2nd stage engine starts (SES)
00:04:22	Fairing deployment
00:06:32	Side boosters entry burns start
00:06:44	Side boosters entry burns end
00:07:42	Side boosters landing burns start
00:08:00	Side boosters landing