



GLOBALSTAR FM15 MISSION

MISSION OVERVIEW

SpaceX is targeting Sunday, June 19 for launch of Globalstar FM15 to low-Earth orbit from Space Launch Complex 40 (SLC-40) at Cape Canaveral Space Force Station in Florida. The instantaneous launch window opens at 12:27 a.m. ET, 4:27 UTC. A backup launch opportunity is available on Monday, June 20 at 12:05 a.m. ET, 4:05 UTC.

The Falcon 9 first stage booster supporting this mission previously supported the launch of Crew-1, Crew-2, SXM-8, CRS-23, IXPE, one Starlink mission, Transporter-4 and Transporter-5. After stage separation, the first stage will land on the Just Read the Instructions droneship, which will be stationed in the Atlantic Ocean.

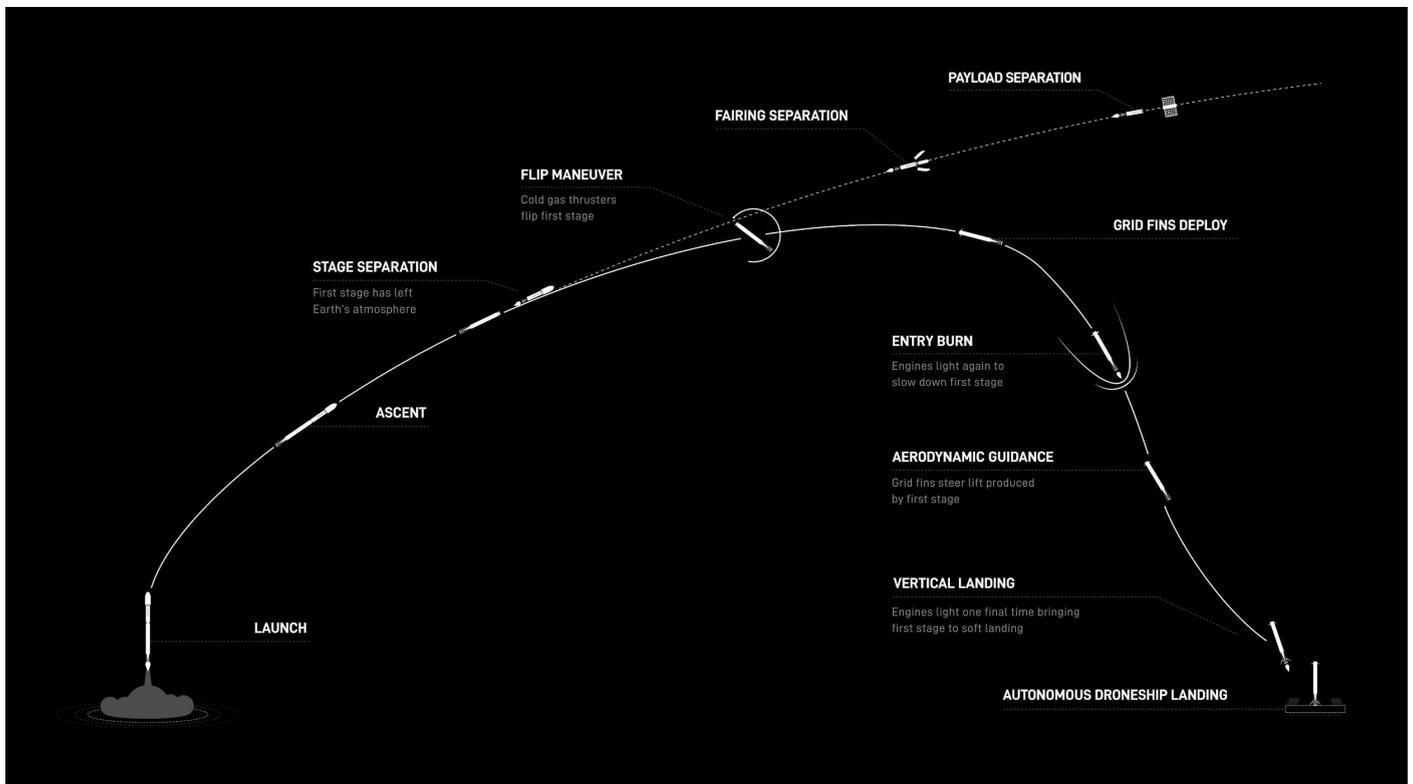
WEBCAST

[A live webcast of this mission](#) will begin about 10 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)
00:02:31	1st stage main engine cutoff (MECO)
00:02:35	1st and 2nd stages separate
00:02:43	2nd stage engine starts (SES-1)
00:02:54	Fairing deployment
00:08:10	1st stage entry burn begins
00:08:36	1st stage entry burn complete
00:09:36	1st stage landing burn begins
00:09:58	2nd stage engine cutoff (SECO)
00:10:00	1st stage landing
01:04:32	2nd stage engine restarts (SES-2)
01:04:36	2nd stage engine cutoff (SECO-2)
01:47:12	2nd stage engine restarts (SES-3)
01:47:20	2nd stage engine cutoff (SECO-3)
01:53:21	Globalstar FM15 deploys