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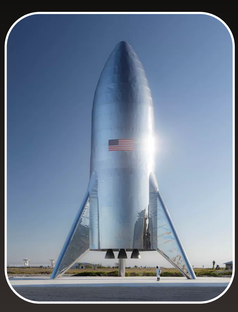
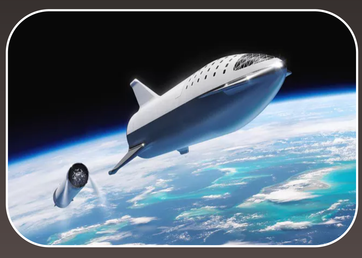
FUTURE

SpaceX's Mars Plan: 2019

The company is set to hold the first "hop tests" for its Mars-bound Starship this year, seeing if the rocket can jump a few hundred kilometers. SpaceX has been developing a test facility in Boca Chica, Texas, shipping over 300,000 cubic yards of locally-sourced soil. In July 2018, the firm took shipment of a 95,000-gallon liquid oxygen tank, around the same capacity as 20 tanker trucks. It's also completed a 600-kilowatt solar array and two ground station antennas that may also prove useful for Crew Dragon missions. In October 2018, it took shipment of the final major ground tank system to support the initial flights.





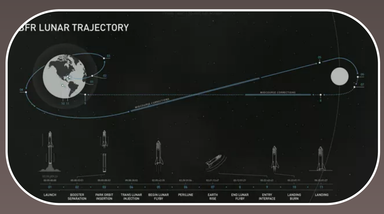
SpaceX's Mars Plan: 2022

This could be the first year that SpaceX reaches Mars. At the International Astronautical Congress in Adelaide, Australia, in September 2017, Musk suggested this year as the point at which at least two unmanned ships could make their way to Mars. The two planets will be at an ideal point to send a rocket in 2022, a phenomenon that occurs roughly every two years.

SpaceX previously released concept art of the Starship on its way to distant planets, based around the older design rather than the more recent stainless steel iteration pictured above:

SpaceX's Mars Plan: 2023

This is the year when SpaceX is expected to send Japanese billionaire Yukazu Maezawa, alongside six to eight artists, on a trip around the moon using the Starship. While not specifically a Mars-focused mission, its success would bode well for a future manned mission. Based on Musk's February comments, this could be the first major mission for the Starship.
spacex lunar mission track



UPCOMING LAUNCHES

DATE	NAME	ROCKET	LAUNCH PAD
June 11	Radarsat Constellation Mission	FALCON 9	Vandenberg AirForce Base
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- Currently Happening
- Launches
- Launch Pads
- Rockets

MISSION

SpaceX designs, manufactures and launches advanced rockets and spacecraft. The company was founded in 2002 to revolutionize space technology, with the ultimate goal of enabling people to live on other planets."

Read more about SpaceX's history here

COMPANY INFO

- Founder: Elon Musk
- Founded: 2002
- Employees: 7000
- Vehicles: 3
- Launch sites: 3
- Test sites: 1
- CEO: Elon Musk
- HQ: Rocket Road, Hawthorne, CA

NEXT LAUNCH

Quis blandit turpis cursus in hac. Velit sed ullamcorper morbi tincidunt ornare. Velit dignissim sodales ut eu.

Date:	19. June 2019
Time:	6:00 PM / 18.00
Location:	Cape Canaveral Air Force Station, Florida
Vehicle:	Falcon 9

COUNTDOWN

25	23	36	03
DAYS	HOURS	MINUTES	SECONDS

Upcoming Launches

VIEW MORE

THE LAUNCH PADS

Kennedy Space Center Historic Launch Complex 39A (ACTIVE)

Region: Florida
Vehicles Launched: Falcon 9, Falcon Heavy
Attempted Launches: 14
Successful Launches: 14

NASA historic launch pad that launched most of the Saturn V and Space Shuttle missions. Initially for Falcon Heavy launches, it is now launching all of SpaceX east coast missions due to the damage from the AMOS-6 anomaly. After SLC-40 repairs are complete, it will be upgraded to support Falcon Heavy, a process which will take about two months. In the future it will launch commercial crew missions and the Interplanetary Transport System.",

Omelek Island (ACTIVE)

Region: Marshall Islands
Vehicles Launched: Falcon 1
Attempted Launches: 5
Successful Launches: 2

SpaceX original launch site, where all of the Falcon 1 launches occurred. Abandoned as SpaceX decided against upgrading the pad to support Falcon 9

VIEW MORE

THE ROCKETS

Falcon 9 (ACTIVE)

Height: 70 meters / 12 feet
Mass: 549054 kg / 1207920 lb
Reusable: True
Engines 1st stage: 9
Engines 2nd stage: 1
Landing legs: 4

Falcon 9 is a two-stage rocket designed and manufactured by SpaceX for the reliable and safe transport of satellites and the Dragon spacecraft into orbit

Big Falcon (NOT ACTIVE)

Height: 70 meters / 12 feet
Mass: 549054 kg / 1207920 lb
Reusable: True
Engines 1st stage: 9
Engines 2nd stage: 1
Landing legs: 4

Falcon 9 is a two-stage rocket designed and manufactured by SpaceX for the reliable and safe transport of satellites and the Dragon spacecraft into orbit

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Your name

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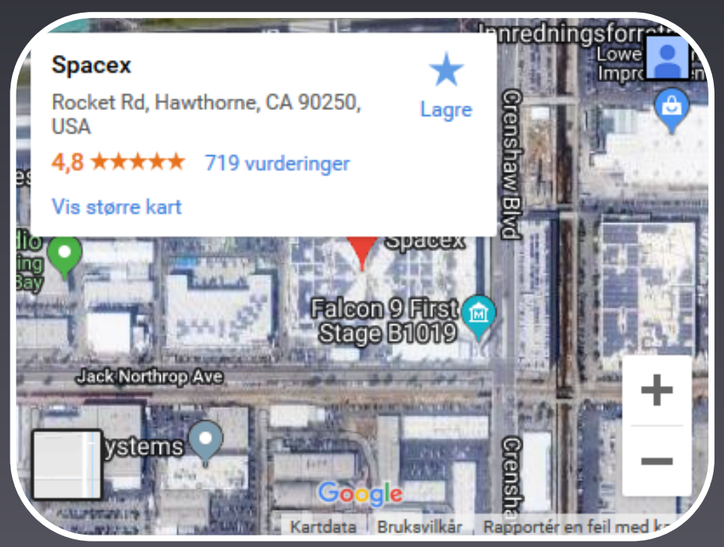
SpaceX's HEADQUARTERS

Rocket Road, Hawthorne
CALIFORNIA



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SPACEX HISTORY

HISTORIC TIMELINE

2011
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