



November 2019

# SPACEX CAPABILITIES AND FUTURE PLANS

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The background of the image is a composite of two scenes. The top half shows a dark space with a bright blue and white nebula or star cluster in the upper center. A thin, curved blue line, possibly a comet or orbital path, arcs across the upper left. The bottom half shows a night-time landscape with a city skyline visible on the right, illuminated by lights. A bright orange and yellow streak, representing a rocket launch, curves from the horizon towards the upper right. The SpaceX logo is in the top left corner.

SPACEX

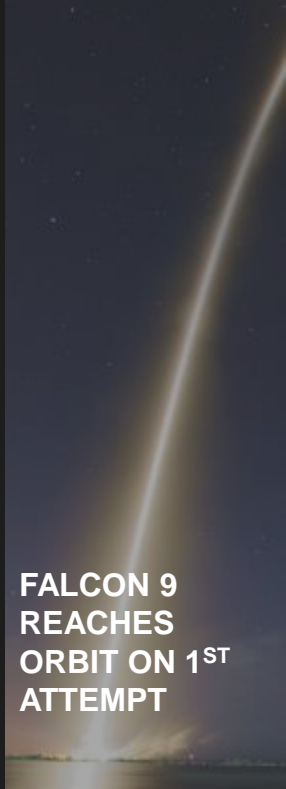
SpaceX welcomes the opportunity  
to collaborate with international  
governments to achieve mutual  
goals in space exploration.

SEP  
**28**  
2008



FIRST  
SUCCESSFUL  
LAUNCH OF  
FALCON 1

JUN  
**04**  
2010



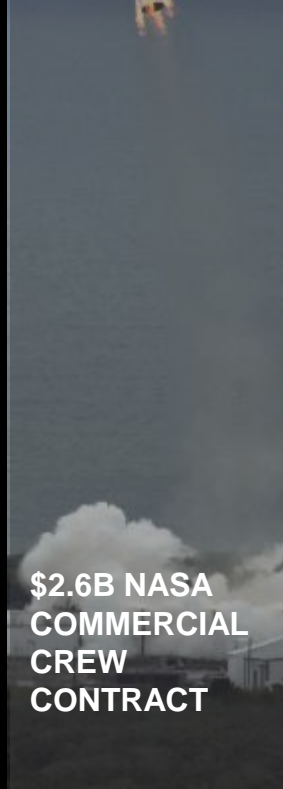
FALCON 9  
REACHES  
ORBIT ON 1<sup>ST</sup>  
ATTEMPT

MAY  
**25**  
2012



FIRST PRIVATE  
SPACECRAFT  
TO VISIT THE  
ISS

SEP  
**16**  
2014



\$2.6B NASA  
COMMERCIAL  
CREW  
CONTRACT

DEC  
**15**  
2015



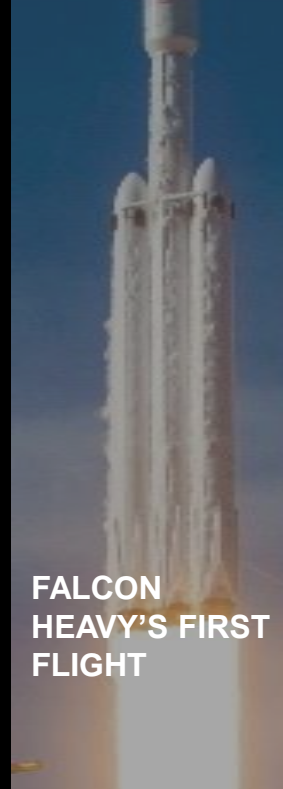
WORLD'S  
FIRST ORBITAL  
ROCKET  
LANDING

MAR  
**30**  
2017



FIRST LAUNCH  
OF A FLIGHT-  
PROVEN  
BOOSTER

FEB  
**06**  
2018



FALCON  
HEAVY'S FIRST  
FLIGHT

MAR  
**03**  
2019



FIRST  
COMMERCIAL  
AUTONOMOUS  
DOCKING TO  
ISS



# 7k+

EMPLOYEES

# \$12B

IN BUSINESS  
CONTRACTED

# 77

SUCCESSFUL  
FLIGHTS

# 47

REFLOWN  
FLIGHTS

# 19

MISSIONS  
TO THE ISS



# LOCATIONS



Redmond, WA



Vandenberg AFB, CA



Hawthorne, CA



McGregor, TX



South Texas



NASA KSC, FL



Cape Canaveral AFS, FL

# LAUNCH SITE CAPACITY



VANDENBERG AIR FORCE BASE  
SLC-4E

Current Launch Capacity:  
**1 per month**



CAPE CANAVERAL AIR FORCE STATION  
SLC-40

Current Launch Capacity:  
**2 per month**

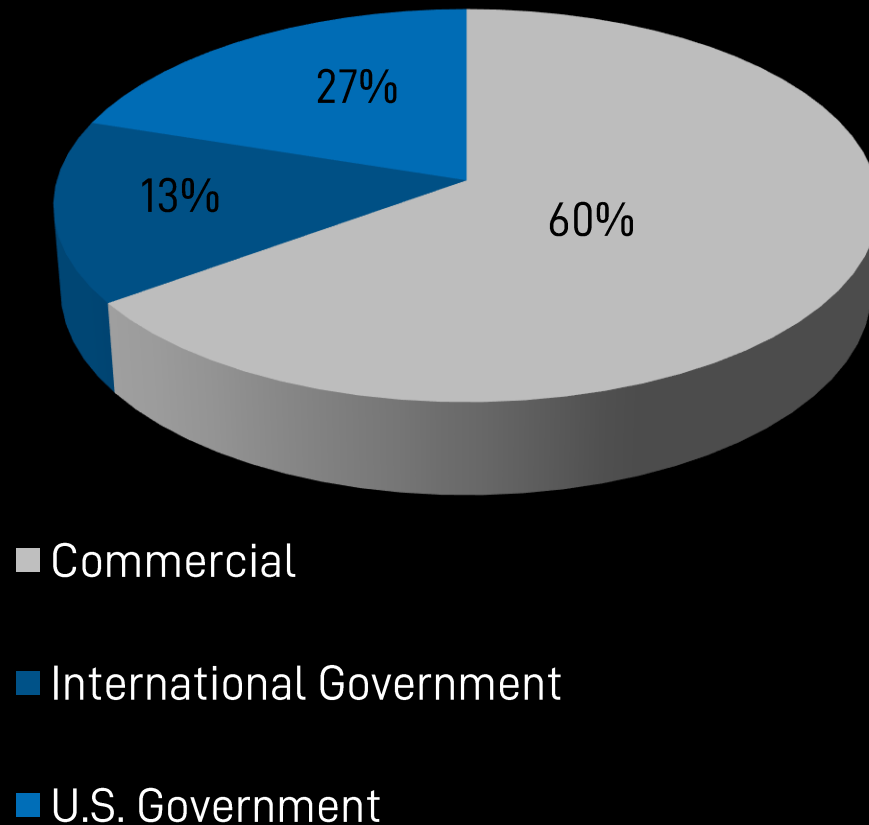


KENNEDY SPACE CENTER  
LC-39A

Current Launch Capacity:  
**2 per month**

# SPACEX GLOBAL CUSTOMER BASE

Spacex Publicly Manifested Launches



SES | Betzdorf, Luxembourg  
NASA | Washington, DC  
ORBCOMM | Ft. Lee, NJ  
MDA | Richmond BC, Canada  
Thaicom | Nontaburi, Thailand  
NSPO | Hsinchu, Taiwan  
AsiaSat | Hong Kong, China  
CONAE | Buenos Aires, Argentina  
ABS | Hong Kong, China  
Eutelsat | Paris, France  
Spacecom | Israel  
Iridium | McLean, VA  
Intelsat | Washington, DC  
German Ministry of Defense | Bonn, Germany  
SKY Perfect JSAT | Tokyo, Japan  
Inmarsat | London, UK



# SPACE AGENCIES FLYING WITH SPACEX

NASA (USA)

DLR (Germany)

ESA (Europe)

NSPO (Taiwan)

CNES (France)

ASI (Italy)

CONAE (Argentina)

KARI (Korea)

CSA (Canada)

JAXA (Japan)





# THE VEHICLES



DRAGON



FALCON 9



FALCON HEAVY



STARSHIP



# REUSABILITY

First reflight of an orbital class booster in March 2017.

SpaceX has reflown 19 boosters with 100% success rate.

First fourth-use of a single booster in November 2019.

Block 5 Falcon 9 boosters can support 10+ missions.

First flight proven fairing launched in November 2019.



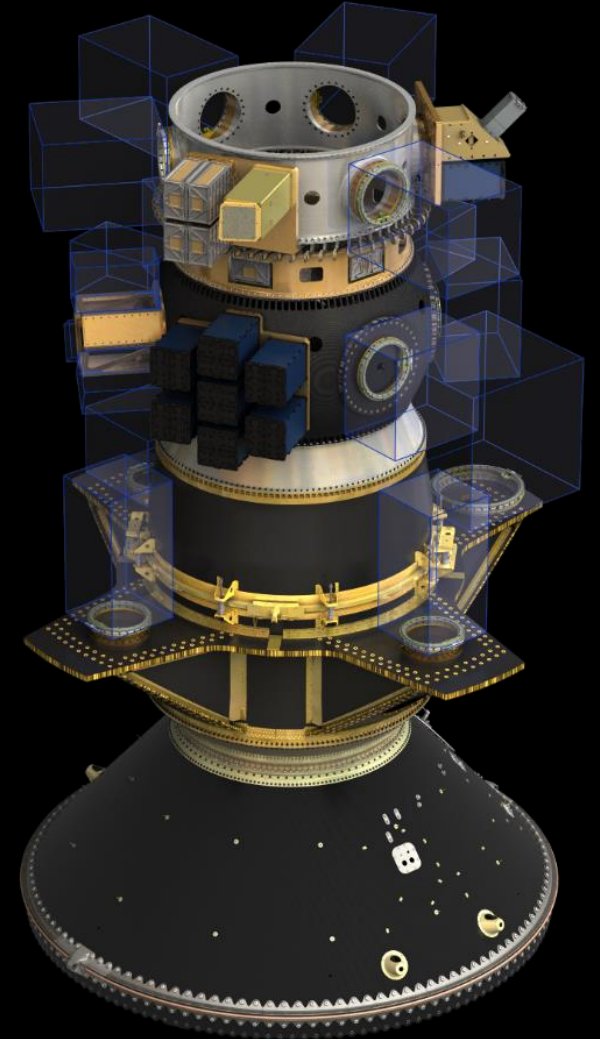
# SMALL SATELLITE LAUNCH

SpaceX's rideshare program will provide small satellite operators with regularly scheduled, dedicated Falcon 9 rideshare missions to mid-inclination and sun synchronous orbit (SSO) for ESPA class payloads.

**Pricing starts at \$1M for up to 200 kg of payload mass.**

There are no primary payloads on the dedicated rideshare missions, so the mission will fly on schedule and customers will not be left waiting.

Sun-synchronous flights will be offered at various LTANs throughout the year to meet the needs of different spacecraft missions.





# CREW LAUNCH OPPORTUNITIES

SpaceX is pleased to offer crew launch opportunities for international customers.

Crewed missions are available to:

- Low-Earth Orbit (LEO)
- International Space Station (ISS)
- Moon



# STARLINK SATELLITE BROADBAND PROJECT

