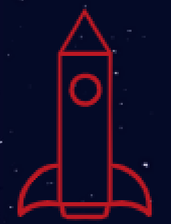
What to know about...

NASA's Commercial Crew Program



#LAUNCHAMERICA

THE NASA VISION

The NASA vision of commercial human spaceflight to low-Earth orbit is a robust, vibrant enterprise with many launch providers and a wide range of government and public uses.

Watch Commercial Crew: Prepare for Launch

How does it work?

*NASA collaborates with private industry and sets the safety and mission requirements. These companies **design**, **build** and **own** their systems for human spaceflight.*

NASA works closely with companies to develop crew transportation systems that can safely, reliably and cost-effectively carry humans to and from low-Earth orbit.

Companies are **free to design** the transportation system they think is best, while meeting NASA's pre-determined set of **requirements**.

The companies are **encouraged** to apply their most efficient and effective manufacturing and business operating techniques throughout the process.

The **partnership** approach allows NASA engineers insight into a company's development process, keeping the agency's technical expertise and resources accessible.

Who are the commercial partners?

BOEING

Spacecraft: Starliner
Launch Vehicle: ULA Atlas V
Launch Pad: Space Launch Complex 41
Landing: Western United States

SPACEX

Spacecraft: Crew Dragon
Launch Vehicle: Falcon 9
Launch Pad: Launch Complex 39A
Landing: Atlantic Ocean

The Crew

BOEING CREW FLIGHT TEST

Mike Fincke

Chris Ferguson (Boeing)

Nicole Mann

BOEING FIRST POST CERTIFICATION MISSION

Josh Cassada

Suni Williams

SPACEX DEMONSTRATION-2

Bob Behnken

Doug Hurley

SPACEX FIRST POST CERTIFICATION MISSION

Victor Glover

Mike Hopkins

Soichi Noguchi

Shannon Walker

20 Years on the International Space Station

What are the benefits?

REGULAR AND RELIABLE TRANSPORTATION

Commercial crew spacecraft will offer regular, reliable crew transportation to and from the International Space Station returning human launches to the US.

PARALLEL PATH

The agency's work to turn over low-Earth orbit astronaut transportation to commercial companies allows NASA to use other resources for Artemis missions as we go forward to the Moon and on to Mars.

MICROGRAVITY RESEARCH

These integrated spacecraft and launch vehicles will carry up to four astronauts at a time on NASA missions, with the goal of helping maintain a crew of seven to increase scientific research time on the orbiting laboratory.

Connect

LAUNCH KIT

Host your own "Watch Party" during the upcoming CCP launches with the Launch Kit resources at nasa.gov/stem/ccplaunchkit

CCP NEXT GENERATION STEM

Check out activities developed for the Commercial Crew Program at nasa.gov/stem/ccp

NASA STEM ENGAGEMENT

Explore all of the opportunities and resources available through NASA's Office of STEM Engagement at nasa.gov/stem