

CITIZENS FOR SPACE EXPLORATION

America, We Have A Mission

Who We Are

American taxpayers, community leaders, and university students committed to continued national investment in space exploration.

COMPLETE our next-generation spacecraft (Orion), heavy-lift rocket (Space Launch System - SLS), and exploration ground systems to send humans on deep space missions beyond Low-Earth Orbit on America's missions to return to the Moon and go on to Mars. Finish development and begin use of the Exploration Upper Stage on SLS, second Mobile Launch Platform, and the Lunar Gateway. These systems will enable the U.S. to return to the Moon by 2024.

UTILIZE the International Space Station (ISS) as a world-class laboratory and extend its mission to 2030 to conduct research critical to deep space exploration and sustain human presence in space. The ISS will also lower exploration costs and provide an opportunity for commercial space companies.

SUPPORT NASA's crew and cargo transportation to the ISS to reduce U.S. dependence on Russia for launching astronauts and cargo; begin flights of these new crewed spacecraft to the ISS in 2019.

PROVIDE robust funding to achieve these objectives.

Robust American Investment

in space exploration is needed at a time when other countries are rapidly expanding their space programs.

What This Means for America's Future



LEADERSHIP

Ensures national security and America's preeminence in space



EDUCATION

Promotes Science, Technology, Engineering, and Math (STEM)



INNOVATION/JOB

Stimulates new high-tech industries, creating hundreds of thousands of high-skilled, well-paying jobs



HEALTH CARE

Advances medical-related and life science research



QUALITY OF LIFE

Generates life-changing benefits from space technology

All of this for 1/2 a penny of every dollar spent on the federal budget.

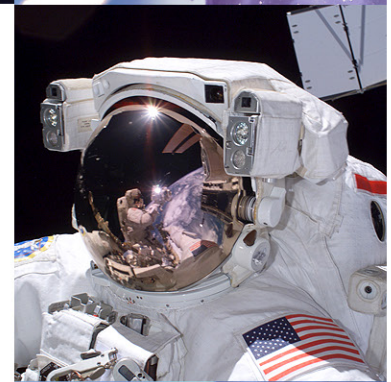
America's Space Exploration Systems



Orion



Space Launch System



International Space Station



Commercial Space Systems



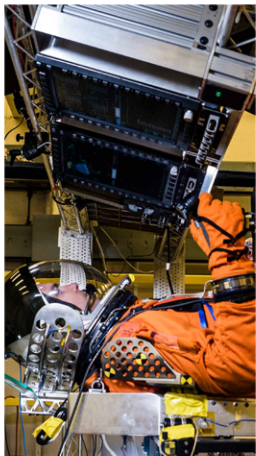
SpaceX Dragon

Boeing Starliner

www.citizensforspace.org

Charting a New Future in Spaceflight

Over the past few years, America has made significant progress in developing and testing key components of the Orion spacecraft, Space Launch System, commercial vehicles, as well as more scientific work aboard the ISS, all of which are helping make deep space exploration possible.



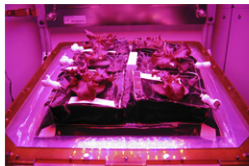
Orion Launch Condition Simulation for Crews



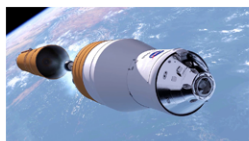
Boeing Starliner Splashdown Testing



SLS Mobile Launcher



Resource Development aboard the ISS



Exploration Upper Stage



SLS Major Component Testing & Core Stage Assembly



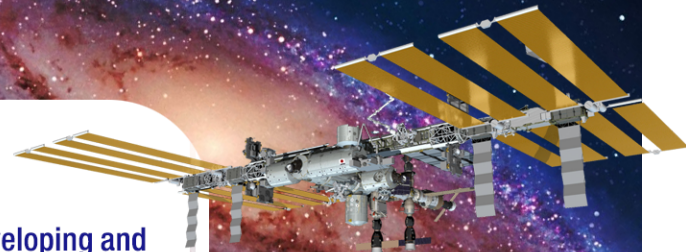
SLS RS-25 Engine Testing Complete & Ready for Core Stage Installation



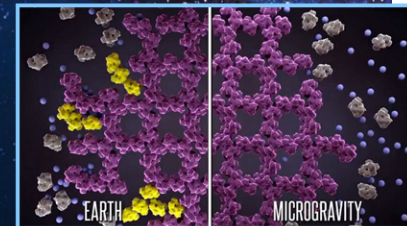
Orion Capsule Parachute Testing



SLS RS-25 Engine Testing Complete & Ready for Core Stage Installation



Continue Research Aboard the ISS



Proteins crystallized on the ISS have aided research into treating Duchenne's Muscular Dystrophy (DMD)



ISS-RapidScat's near-surface wind speed data has provided better weather warnings which help reduce risk

Materials testing in the harsh environment of space will benefit a variety of industries including aerospace, automotive, energy, transportation, and aeronautics



Wound repair research in microgravity is helping develop antibiotic wound dressing technology that can prevent sepsis

Medical research to reduce human health and performance risk for exploration



Did You KNOW?

China - not the U.S. - has now accomplished what no nation has ever done by landing a spacecraft on the "Far Side" of the moon, significantly advancing its ambitions to become the predominant, global leader in space.

- China is also developing a space station and the capabilities required for putting astronauts on the lunar surface, including massive launch vehicles and next-generation crewed spacecraft.
- America must lead to retain our international partnerships and ensure that space remains peaceful, free, and accessible.

FOR THE
BENEFIT
OF ALL

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