

CITIZENS FOR SPACE EXPLORATION



America's Journey to the Moon... and Beyond!



The Artemis II Crew

Who We Are

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

LAND the first female and person of color on the lunar surface through continued production and testing of the Artemis II and III systems, including the spacecraft (Orion), heavy-lift rocket (Space Launch System (SLS)), supporting exploration ground systems, Gateway components, and the Human Landing Systems using the valuable data collected during the successful Artemis I mission. These systems will enable a sustainable Moon and Mars program into the future.

CONTINUE production of the Artemis II-VI systems and beyond to prepare for annual missions to the Moon throughout the decade.

UTILIZE the International Space Station (ISS) as a world class laboratory through 2030 to conduct research and science that is critical to deep space exploration, sustaining human presence in space, supporting the launch of the commercial LEO economy, and benefiting all life on Earth.

SUPPORT NASA's commercial crew and cargo transportation to the ISS to ensure U.S. human launch capabilities and a full crew on-board the ISS.

APPROVE a new, bi-partisan, comprehensive NASA Authorization Bill providing robust funding to achieve these space exploration objectives and serve as an economic/technology driver for the U.S.

Exploration Benefits 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 less than 1/2 a penny of every dollar spent on the federal budget.

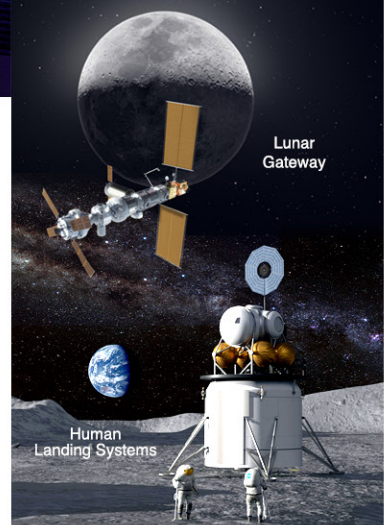
America's Artemis Program Systems



Orion



Space Launch System (SLS)



Lunar Gateway



International Space Station

Commercial Space Systems



Boeing Starliner



SpaceX Dragon

www.citizensforspace.org

Charting a New Future in Spaceflight: We Are Going!

America has made significant progress in manufacturing, testing, and launching 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 the Artemis program and deep space exploration possible.

ARTEMIS PROGRESS



Successful Artemis I Mission



Artemis I Post-Flight Inspection



Artemis II Service Module Engine & Heat Shield Installation



Artemis II SLS Core Stage



Artemis III SLS Core Stage



Artemis IV Capsule Pressure Vessel Welding Complete



Artemis V Upgraded RS-25 Engine Test Fire

COMMERCIAL SPACE PROGRESS

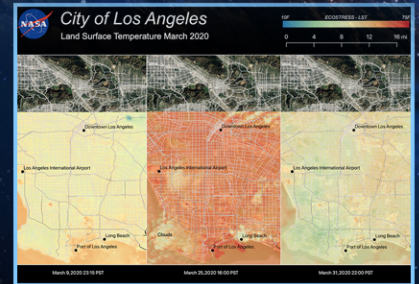


Boeing Starliner Crewed Flight Test (CFT-1) Capsule & Service Module Mating



SpaceX Starship Super Heavy Booster Hot Fire Test

International Space Station: The Decade of Results



Mounted on the outside of the station, ECOSTRESS has been used to reduce heat absorbed by city streets, reduce fire risk in forests, help farmers efficiently water their crops, and more

Studies are testing if higher quality optical fibers used for ultra-high-speed broadband communications could be made in microgravity, which could help low-Earth orbit become the commercial manufacturing location of these fibers



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



China's Space Program

A Challenge to U.S. Leadership

China has constructed and is operating the Tiangong Space Station and is developing heavy lift rocket capabilities to send humans to the Moon and beyond, advancing its ambitions to become the predominant, global leader in space.

"... [to] build China into a space power is our eternal dream."

China's President Xi Jinping
"China's Space Program" White Paper, January 2022

"... [China] could catch up and surpass us. The progress they've made has been stunningly fast."

Lt. General Nina Armagno
U.S. Space Force – December 2022

"We're in a space race... we better watch out that they [China] don't get to a place on the moon under the guise of scientific research. It is not beyond the realm of possibility that they say 'Keep out, we're here, this is our territory.'"

Bill Nelson
NASA Administrator – January 2023

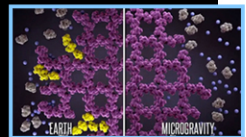
"China intends to displace the U.S. as the dominant space power both militarily and economically by 2045."

Pentagon-Commissioned Study Group – 2022



Scientists adapted the ADVASC system tested on station for air purification on Earth. Companies now use this technology in air purifiers effective in eliminating the SARS-CoV-2 virus

Proteins crystallized on the station helped create a treatment for Duchenne Muscular Dystrophy, currently in a Phase 3 clinical trial



NASA and General Motors reconfigured the hand-like part of Robonaut into a commercially available device to help auto workers avoid fatigue and injury

Benefitting
LIFE ON EARTH
and **EXPLORATION**
MISSIONS

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