National Aeronautics and Space Administration

ARTEMIS II

SMALL BUSINESS SUPPLY CHAIN ILLUMINATION REPORT



OSBP
OFFICE OF **SMALL BUSINESS** PROGRAMS
...Above and Beyond Goals



The full Moon is seen behind NASA's Artemis II Space Launch System (SLS) rocket and Orion spacecraft, standing atop a mobile launcher at Launch Complex 39B, Sunday, February 1, 2026, at NASA's Kennedy Space Center in Florida. NASA's Artemis II test flight took Commander Reid Wiseman, Pilot Victor Glover, and Mission Specialist Christina Koch from NASA, and Mission Specialist Jeremy Hansen from the CSA (Canadian Space Agency), around the Moon and back to Earth in April 2026.

Credits: NASA/ John Kraus.

CONTENTS

2 Office of Small Business Programs Mission Statement

3 Message from the Office of Small Business Programs Assistant Administrator

7 Overview of the Artemis II: EGS Mission

8 Small Business Contributions to the Artemis Mission

11 Future of Artemis

14 Supporting Small Businesses at a Glance

16 Small Business Program Contacts

OFFICE OF SMALL BUSINESS PROGRAMS
Mission Statement

MISSION STATEMENT
The mission of the NASA Office of Small Business Programs is to promote and integrate small businesses into the industrial base of contractors and subcontractors that support the future of space exploration, scientific discovery, and aeronautics research.

VISION STATEMENT
Improvement, Intensification and Sustainment of all small business concerns within NASA supply chains.

▼ NASA's Space Launch System rocket carrying the Orion spacecraft with NASA astronauts Reid Wiseman, commander; Victor Glover, pilot; Christina Koch, mission specialist; and CSA (Canadian Space Agency) astronaut Jeremy Hansen, mission specialist onboard launches on the Artemis II mission.

Credit: NASA/Aubrey Gemignani



MESSAGE FROM THE
Office of Small Business Programs Assistant Administrator



On behalf of the NASA Office of Small Business Programs (OSBP), I am proud to introduce the newest edition of our publication series, "Artemis II: A Case for Small Business." This publication highlights the extraordinary contributions of small businesses across the nation that are helping enable one of the most historic missions of our generation, NASA's first crewed mission around the Moon in more than half a century.

Building on the success of Artemis I, Artemis II sent four astronauts on a journey around the Moon aboard NASA's Orion spacecraft, launched by the powerful Space Launch System (SLS) rocket. This mission represents a critical step in NASA's vision to establish a sustained presence on and around the Moon while preparing for future human missions to Mars.

At the heart of this mission is the innovation, agility, and technical excellence of America's small businesses. From advanced manufacturing and aerospace engineering to software development, testing, and supply chain support, small businesses have played a pivotal role in enabling Artemis II. Across key Artemis programs, including the Space Launch System, Orion spacecraft, and Exploration Ground Systems, small businesses have delivered mission critical technologies and services that support the safety, reliability, and success of human spaceflight.

The companies highlighted in this publication represent only a portion of the vibrant small business community supporting NASA. Their work demonstrates how small businesses continue to strengthen the nation's aerospace industrial base while driving innovation that advances exploration beyond Earth.

The success of Artemis II would not be possible without the collaboration and commitment of many across the Agency and our partners. I would like to extend my sincere appreciation to NASA Administrator Jared Isaacman, the Mission Directorates, the Office of Procurement, our Center Directors, and acquisition professionals across the agency who continue to champion the inclusion and success of small businesses in NASA's missions.

Most importantly, I want to thank the many small businesses whose dedication, creativity, and perseverance helped NASA achieve what once seemed impossible. Your contributions are advancing exploration, strengthening our nation's aerospace capabilities, and inspiring the next generation of innovators.

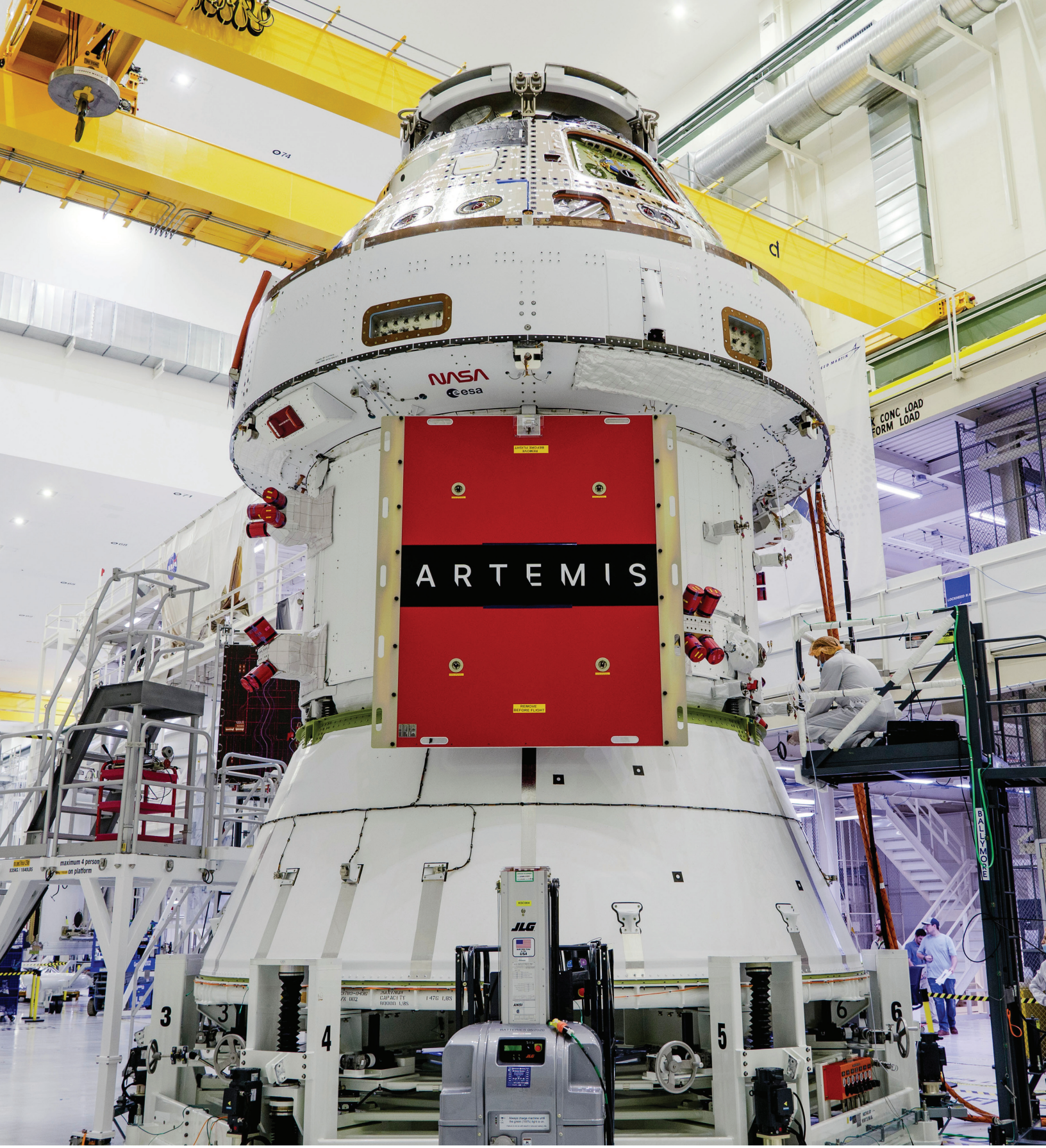
As we send astronauts around the Moon once again through Artemis II, and look ahead to future Artemis missions, we remain committed to working alongside small businesses to achieve results that go Above and Beyond Goals. We hope you enjoy this publication highlighting the remarkable small businesses and their contributions that are helping power NASA's journey back to the Moon.



Dwight D. Deneal
Assistant Administrator
NASA Office of Small Business Programs



▲ The twin solid boosters, five segments on each side, help support the remaining rocket components and the Orion spacecraft during final assembly of the Artemis II Moon rocket and provide more than 75 percent of the total SLS thrust during liftoff Credits: NASA/Cory S Huston



▲ Technicians begin working on the installation of the four solar array wings for NASA's Artemis II Orion spacecraft inside the Operations and Checkout Building at NASA's Kennedy Space Center on Feb. 27, 2025. Artemis II is Orion's first crewed flight test around the Moon under the agency's Artemis campaign.

A view of Earth taken by NASA astronaut and Artemis II commander Reid Wiseman from one of the Orion spacecraft's four main windows after completing the translunar injection burn on April 2, 2026.

The Artemis II crew (clockwise from left), Mission Specialist Christina Koch, Mission Specialist Jeremy Hansen, Commander Reid Wiseman, and Pilot Victor Glover, are seen pausing for a group photo with their zero gravity indicator, "Rise," inside the Orion spacecraft on their way home.

Following a swing around the far side of the Moon on April 6, 2026, the crew exited the lunar sphere of influence, the point at which the Moon's gravity has a stronger pull on Orion than Earth's, on April 7 and are headed back to Earth for a splashdown in the Pacific Ocean on April 10.

OVERVIEW OF THE
Artemis II: EGS Mission

Artemis II is the first crewed mission of NASA's Artemis campaign and represents a major step forward in humanity's return to the Moon. Building on the success of Artemis I mission, Artemis II sent four astronauts on a journey around the Moon aboard NASA's Orion spacecraft, launched by the powerful Space Launch System (SLS) rocket from NASA's Kennedy Space Center in Florida.

This mission tested and demonstrated the systems required for safe and reliable human deep space exploration. During the approximately 10-day mission, the crew traveled thousands of miles beyond the far side of the Moon before returning safely to Earth. Artemis II validated critical life support systems, navigation capabilities, and spacecraft operations needed to support future lunar missions.

The Artemis campaign is designed to establish a long-term human presence on and around the Moon while preparing for future missions to Mars. Artemis II played a vital role in proving the technologies, infrastructure, and operational capabilities needed to safely send astronauts deeper into space than ever before.

The mission relied on the integration of several key NASA systems and programs, including the Space Launch System rocket, the Orion spacecraft, and the ground systems and launch infrastructure at Kennedy Space Center. Together, these systems support the safe launch, operation, and recovery of the crew during their journey beyond Earth orbit.

A critical component of Artemis II's success is the robust network of partners supporting NASA's exploration efforts. Across the nation, hundreds of companies, including a large and diverse community of small businesses, contribute specialized technologies, advanced manufacturing capabilities, and mission-critical services that enable the Artemis program to move forward.

Through Artemis II and the broader Artemis campaign, NASA is advancing scientific discovery, strengthening the nation's aerospace industrial base, and inspiring the next generation of explorers while paving the way for sustained lunar exploration and future human missions to Mars.



▲ Orion snapped this selfie in space with a camera mounted on one of its solar array wings during a routine external inspection of the spacecraft on the second day into the Artemis II mission.

SMALL BUSINESS CONTRIBUTIONS
to the Artemis Mission



As NASA prepared for the Artemis II mission, small businesses continued to play a vital role in advancing the next era of human space exploration. Across the Artemis campaign, small businesses provide innovative technologies, specialized expertise, and mission-critical services that support nearly every aspect of the mission.

For Artemis II, small businesses contributed across multiple elements of the mission architecture, including the Space Launch System rocket, the Orion spacecraft, and the ground systems that support launch and mission operations. Their work includes engineering and manufacturing support, structural and environmental testing of flight hardware, advanced modeling and analysis, and the integration and verification of avionics and software systems that guide the rocket and spacecraft during flight.

Small businesses also support mission readiness and operations by managing configuration and data systems, conducting integrated systems testing, and helping ensure that hardware, software, and engineering documentation remain synchronized across programs and NASA centers. These efforts help verify that all systems meet the rigorous standards required for safe human spaceflight.

Beyond engineering and testing, small businesses contribute to communications, public engagement, and mission operations support. Through digital platforms, multimedia production, exhibits, and strategic communications, these teams help share the significance of the Artemis missions with audiences around the world while supporting NASA's workforce and stakeholders.

◀ In this photograph looking down, NASA's SLS (Space Launch System) rocket with the Orion spacecraft from Launch Complex 39B at NASA's Kennedy Space Center I Florida.

Innovation from small businesses is further strengthened through NASA's Small Business Innovation Research and Small Business Technology Transfer programs. Through these initiatives, small businesses develop advanced materials, engineering design tools, structural monitoring technologies, and power system innovations that enhance the performance, safety, and reliability of systems used in Orion and the Space Launch System.

From early technology development to launch operations, small businesses are deeply embedded throughout the Artemis II mission. Their agility, technical expertise, and innovative spirit continue to strengthen NASA's exploration capabilities and help power humanity's return to the Moon.

▼ As the Artemis II crew came close to passing behind the Moon and experiencing a planned loss of signal, they captured this image of a crescent Earth. Seen from afar, it almost looks like a circular arc—except when backlit, as in other images captured by the Artemis II crew. Earth is in a crescent phase, with sunlight coming from the right. The dark portion of Earth is experiencing nighttime. On Earth's day side, swirling clouds are visible over muted blue in the Australia and Oceania region. Credit: NASA





FUTURE OF ARTEMIS

As NASA continues to advance the Artemis campaign and expand humanity's presence beyond Earth, small businesses will remain essential partners in shaping the future of lunar exploration, deep space operations, and the journey to Mars. From advanced manufacturing and autonomous systems to cybersecurity, communications, propulsion, robotics, logistics, and emerging technologies, small businesses play a critical role in strengthening the Nation's space innovation ecosystem

SUPPORTING THE FUTURE OF ARTEMIS

Looking to support future Artemis missions?

You too can contribute to the future of space exploration!

NASA's Artemis campaign is more than a series of missions—it is a long-term strategy to establish a sustainable human presence on the Moon while preparing for future missions to Mars. Through the evolving Moon to Mars Architecture, NASA is identifying the systems, technologies, infrastructure, and capabilities required to support future exploration objectives.

The Moon to Mars Architecture serves as NASA's strategic framework for how the Agency plans to achieve long-duration lunar exploration and future human missions to Mars. The architecture outlines priority capability areas across transportation, habitation, power systems, communications, surface mobility, logistics, science, and human exploration systems. These focus areas help guide future investments, partnerships, and technology development efforts across government, industry, academia, and small business.

Small businesses are encouraged to explore the Moon to Mars Architecture to better understand NASA's future mission priorities and identify areas where their technologies, services, and innovative solutions may support upcoming needs and opportunities.

Learn more about the Moon to Mars Architecture here: https://www.nasa.gov/moontomarsarchitecture/

◀ Earthset captured through the Orion spacecraft window at 6:41 p.m. EDT, April 6, 2026, during the Artemis II crew's flyby of the Moon. A muted blue Earth with bright white clouds sets behind the cratered lunar surface. The dark portion of Earth is in nighttime. On Earth's day side, swirling clouds are visible over the Australia and Oceania region.

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FUTURE OF ARTEMIS

EXPLORE OPPORTUNITIES THROUGH NASA SBIR/STTR

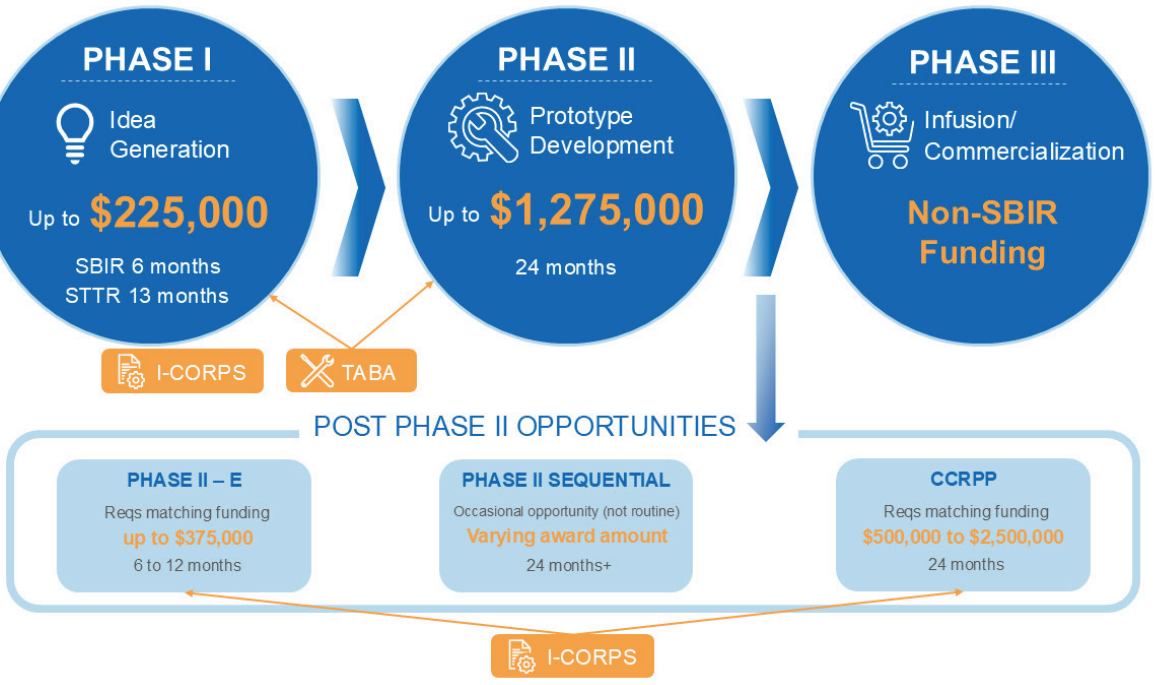
Small businesses are also encouraged to explore opportunities through the NASA Small Business Innovation Research and Small Business Technology Transfer Programs.

The NASA SBIR/STTR Program provides competitive opportunities for small businesses to develop innovative technologies that support NASA missions and broader national priorities. Each year, NASA releases new topic areas aligned to evolving mission needs, including capabilities that directly support the Artemis campaign and future Moon to Mars objectives.

Current and future topic areas may include advanced materials, artificial intelligence, autonomous systems, aerospace manufacturing, communications technologies, lunar surface systems, power and energy storage, robotics, sensors, and other emerging technologies critical to future exploration missions.

Through these programs, small businesses have the opportunity to contribute innovative solutions, mature breakthrough technologies, and potentially transition capabilities into future NASA missions and commercial applications.

To explore current solicitations, topic areas, and future opportunities,
visit: https://www.nasa.gov/sbir_sttr/.



YOUR INNOVATION CAN HELP SHAPE THE NEXT ERA OF EXPLORATION

NASA's future exploration efforts will require collaboration across industry, academia, and government. Small businesses continue to bring agility, innovation, and specialized expertise that are vital to mission success.

Whether through technology development, research partnerships, manufacturing capabilities, digital innovation, or emerging aerospace solutions, your organization may help enable the next generation of Artemis missions and the future journey to Mars.



SUPPORTING SMALL BUSINESSES
at a Glance

Disclaimer: The small businesses featured in this publication represent only a portion of the many that contributed to the Artemis II mission. The NASA Office of Small Business Programs thanks all small businesses—both those highlighted here and those not captured—for their innovation, dedication, and vital contributions to this premier mission.

Advon Corporation	Tallahassee, FL
Aerodyne Industries	Houston,TX and Cape Canaveral, FL
Aetos	Kennedy Space Center, FL and Huntsville, AL
AI Signal Research, Inc.	Huntsville, AL
ARES Corporation	Littleton, CO
Athena Engineering & Environmental,	LLC Goodlettsville, TN
Barrios Technology	Houston, TX and Huntsville, AL
BST Systems, Inc.	Plainfield, CT
CFD Research	Huntsville, AL
Cimarron Software Services, Inc.	Houston, TX
4M Research Incorporated	Huntsville, AL
Futuramic Tool & Engineering	Warren, MI
Pearl River and Omitron	Beltsville, MD
Nelson Engineering Co.	Merritt Island, FL
Stell Environmental Enterprises (S3)	Mountlake Terrace, WA
Noetic	Huntsville, AL
PCI Productions	Huntsville, AL
Quadrus Corporation	Huntsville, AL
Radial Solutions, Inc.	Huntsville, AL
Rothe Development Inc.	Webster, TX
Sophic Synergistics,	LLC Houston, TX
Stellar Technology	Cedar Park, TX
Tec-Masters, Inc.	Huntsville, AL
Victory Solutions Inc.	Huntsville, AL

NASA's Artemis missions are made possible through the innovation, expertise, and dedication of small businesses across the nation. We extend our sincere appreciation to the small business partners highlighted in this publication, as well as the many additional small businesses whose contributions may not be captured here. Your work plays a vital role in advancing NASA's missions, strengthening the aerospace industrial base, and helping move humanity forward in exploration, discovery, and innovation. Thank you for your continued partnership and meaningful contributions to NASA's mission success.



NASA's Orion spacecraft splashes down in the Pacific Ocean near San Diego, California. NASA's Landing and Recovery team and the U.S. military are coordinating efforts to extract the Artemis II crew from the Orion spacecraft. Credit: Josh Valcarcel

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The Artemis II mission patch is seen on the right shoulder of the Orion Crew Survival System suits that Commander Reid Wiseman, Pilot Victor Glover, and Mission Specialist Christina Koch from NASA, and Mission Specialist Jeremy Hansen from the CSA (Canadian Space Agency) wore on the Artemis II test flight are seen, Saturday, January 17, 2026, in the suit-up room of the Neil A. Armstrong Operations and Checkout Building at NASA's Kennedy Space Center in Florida. NASA's Artemis II test flight took Wiseman, Glover, Koch, and Hansen around the Moon and back to Earth in April 2026.

Photo Credit: (NASA/Joel Kowsky)

TO LEARN MORE ABOUT THE SMALL BUSINESS PROGRAM AT NASA:

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