

In 2026, the United States made a historic return to the Moon with **NASA's Artemis II Mission and Space Launch System (SLS)** — the first crewed journey around the Moon in more than 50 years and the farthest any humans have traveled from Earth. Just as with Apollo, this achievement was only possible through the strength of America's aerospace workforce and the thousands of companies that design, build, and supply the technologies powering deep-space exploration.

Guidance, Navigation & Control Systems

Contractor: Honeywell Aerospace

Location of Work: Clearwater, FL

Provides guidance, navigation, displays and core avionics for Orion, as well as controllers for RS-25 engines

Space Object Tracking

Contractor: Slingshot Aerospace

Location of Work: U.S. and Worldwide

Supports tracking the Artemis II mission utilizing 21 optical telescopes across the world, dynamically tasking systems as the trajectory evolves to maximize tracking throughout the mission

Orion Parachute System

Contractor: TransDigm's Airborne Systems

Location of Work: Santa Ana, CA

Designed to ensure a safe landing for astronauts returning to Earth in the crew module at speeds exceeding 25,000 mph

Environmental Control & Life Support Systems: LASER Air Monitoring System

Contractor: Leidos

Location of Work: Huntsville, AL

LAMS measures oxygen, carbon dioxide, water vapor, temperature, and pressure in the Orion spacecraft

SLS & ICPS Thrust Vector Control Systems

Contractor: Moog Inc.

Location of Work: Multiple U.S. sites

Supplies thrust-vector-control actuators, controllers, and valves for SLS and ICPS

High-Reliability Printed Circuit Boards & Electronics

Contractor: TTM Technologies Inc.

Location of Work: Stafford, CT

Supplies printed circuit boards and electronics used for launch systems

SLS Core Stage Tubing Assemblies

Contractor: Precision Tube Bending

Location of Work: Santa Fe Springs, CA

Supplies custom-bent tubing used throughout the SLS core stage and RS-25 engines

SLS & Orion Launch Abort System Solid Rocket Motors

Contractor: Northrop Grumman Corporation

Location of Work: Promontory and Magna, UT; Elkton, MD

Provides twin boosters that deliver over 75% of the rocket's thrust at liftoff, and abort motor and attitude control motor to Orion for crew safety

SLS Interconnects & Propulsion Components

Contractor: Eaton Corporation

Location of Work: Bethel, CT; Camarillo, CA; Orchard Park, NY

Supplies engine pressure sensors, electrical interconnects, HDRM mechanisms, and high-pressure propulsion components

Optic Air Analyzer & Communications Components

Contractor: Anoplate Corporation

Location of Work: Syracuse, NY

Provides engineered metal finishing solutions that enhance the performance, durability and reliability of life critical components

Communications Headsets

Contractor: 3M Corporation

Location of Work: Indianapolis, Indiana

Enables astronaut communications by using noise-canceling technology, amplifying weak sounds, and automatically compressing loud noise

Environmental Control & Power Management Modules for Orion

Contractor: Collins Aerospace

Location of Work: Windsor Locks, CT

Essential for managing the spacecraft's electrical and crew comfort systems during missions

Power Conversion Components

Contractor: Crane Aerospace & Electronics

Location of Work: Lynnwood, WA

Provides power-conversion hardware essential to SLS and Orion electrical systems

Orion Power System (Solar Arrays)

Contractor: Rocket Lab USA

Location of Work: Albuquerque, NM

Provides space-grade solar cell assemblies that power Orion

Orion Communications & Emergency Systems

Contractor: General Dynamics Mission Systems

Location of Work: Scottsdale, AZ

Supplies communications, tracking, and emergency capabilities for Orion

Interim Cryogenic Propulsion Stage (ICPS)

Contractor: United Launch Alliance in collaboration with Boeing

Location of Work: Decatur, AL

Provides the propulsion to place Orion in a high-Earth orbit for proximity operations demonstration

SLS Core Stage

Contractor: Boeing

Location of Work: Multiple U.S. sites

Provides the primary structure and propellant tanks that power SLS

SLS Booster Elastomer Seals

Contractor: Parker Hannifin

Location of Work: Lexington, KY

Supplies elastomer sealing solutions supporting SLS boosters

High-Strength Adhesive-Bonded Fasteners

Contractor: Click Bond, Inc.

Location of Work: Carson City, NV; Watertown, CT

Provides adhesive-bonded fasteners used to mount systems and components without drilling into the structure

Propulsion Valves

Contractor: Marotta Controls

Location of Work: Montville, NJ

Provides control valves for fluid systems on both SLS stages and Orion

SLS & Orion Propulsion

Contractor: L3Harris

Location of Work: Multiple U.S. sites

Provides RS-25 and RL10 engines for launch support, jettison motor for crew safety, and Orion thrusters for spacecraft steering

Launch Infrastructure Support

Contractor: BRPH Inc.

Location of Work: Melbourne, FL

Provides comprehensive launch infrastructure engineering support at Launch Pad 39B

