



NASA's Artemis Program

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Space Launch System

Marshall Space Flight Center

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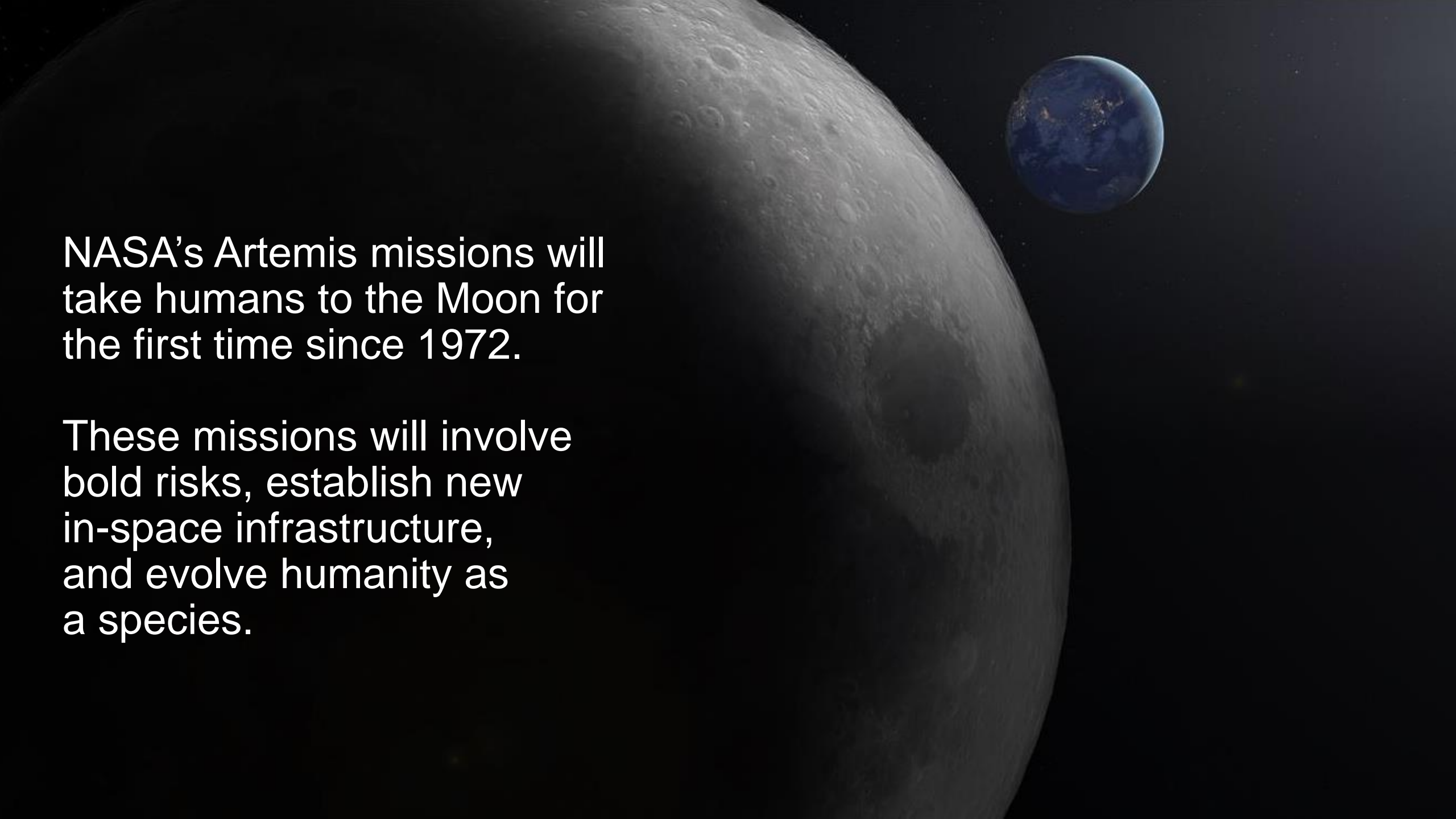
The Artemis Program

Artemis is the twin sister of Apollo and goddess of the Moon in Greek mythology. Now, she personifies our path to the Moon as the name of NASA's program to return astronauts to the lunar surface by 2024.

When they land, Artemis astronauts will step foot where no human has ever been before: the Moon's South Pole.


With the horizon goal of sending humans to Mars, Artemis begins the next era of exploration.





NASA's Artemis missions will take humans to the Moon for the first time since 1972.

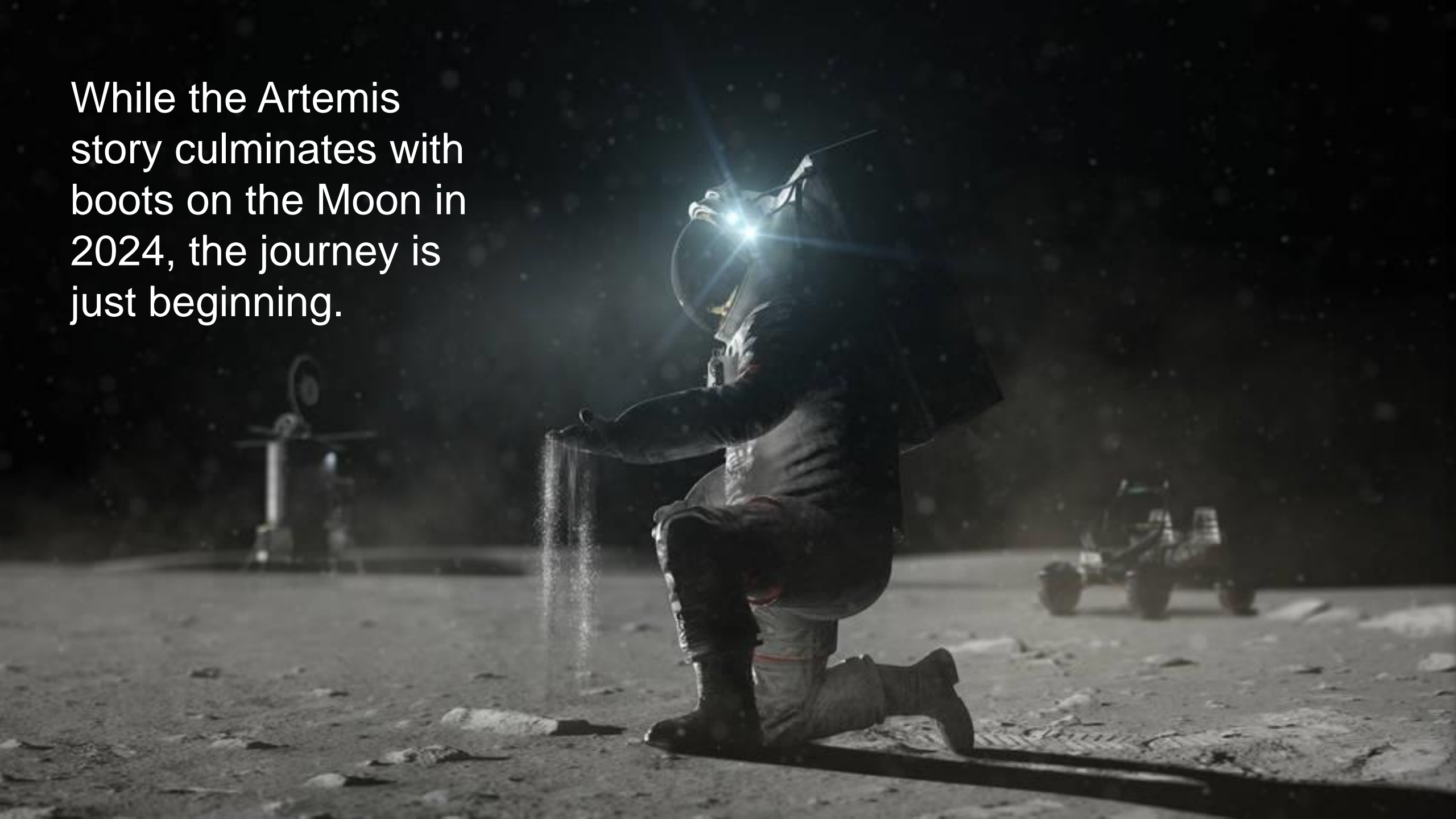
These missions will involve bold risks, establish new in-space infrastructure, and evolve humanity as a species.



The Apollo missions have
prepared us to go.

The Artemis missions will
prepare us to stay.

While the Artemis story culminates with boots on the Moon in 2024, the journey is just beginning.



What Will We Do On The Moon?



Mission Needs Drive Design

LOW EARTH RETURN

3 HOURS

3,000°F

17,500 MPH

250 MILES



LUNAR RETURN

3 DAYS

5,200°F

24,700 MPH

240,000 MILES



MARS RETURN

9 MONTHS

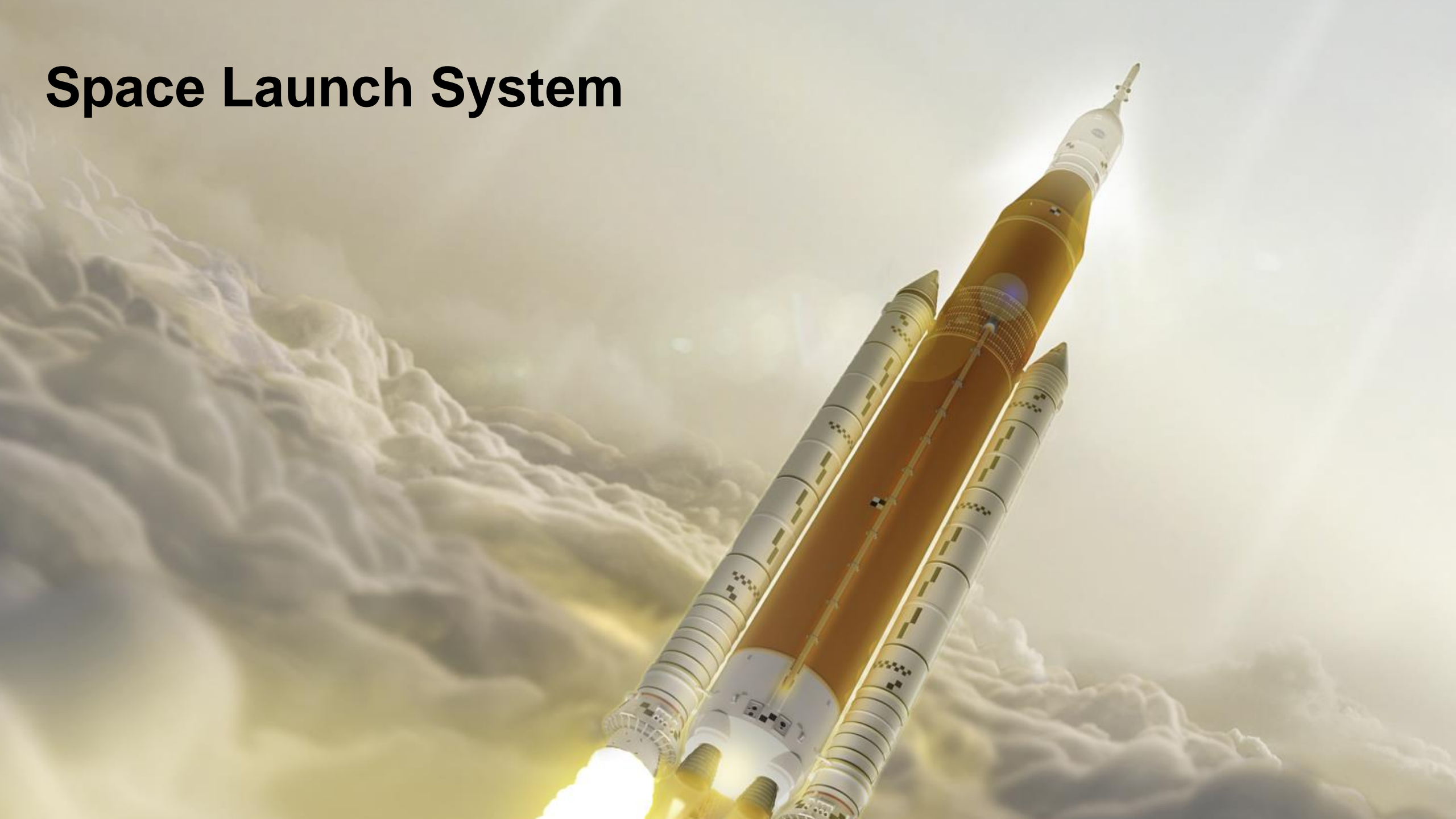
6,200°F

26,800 MPH

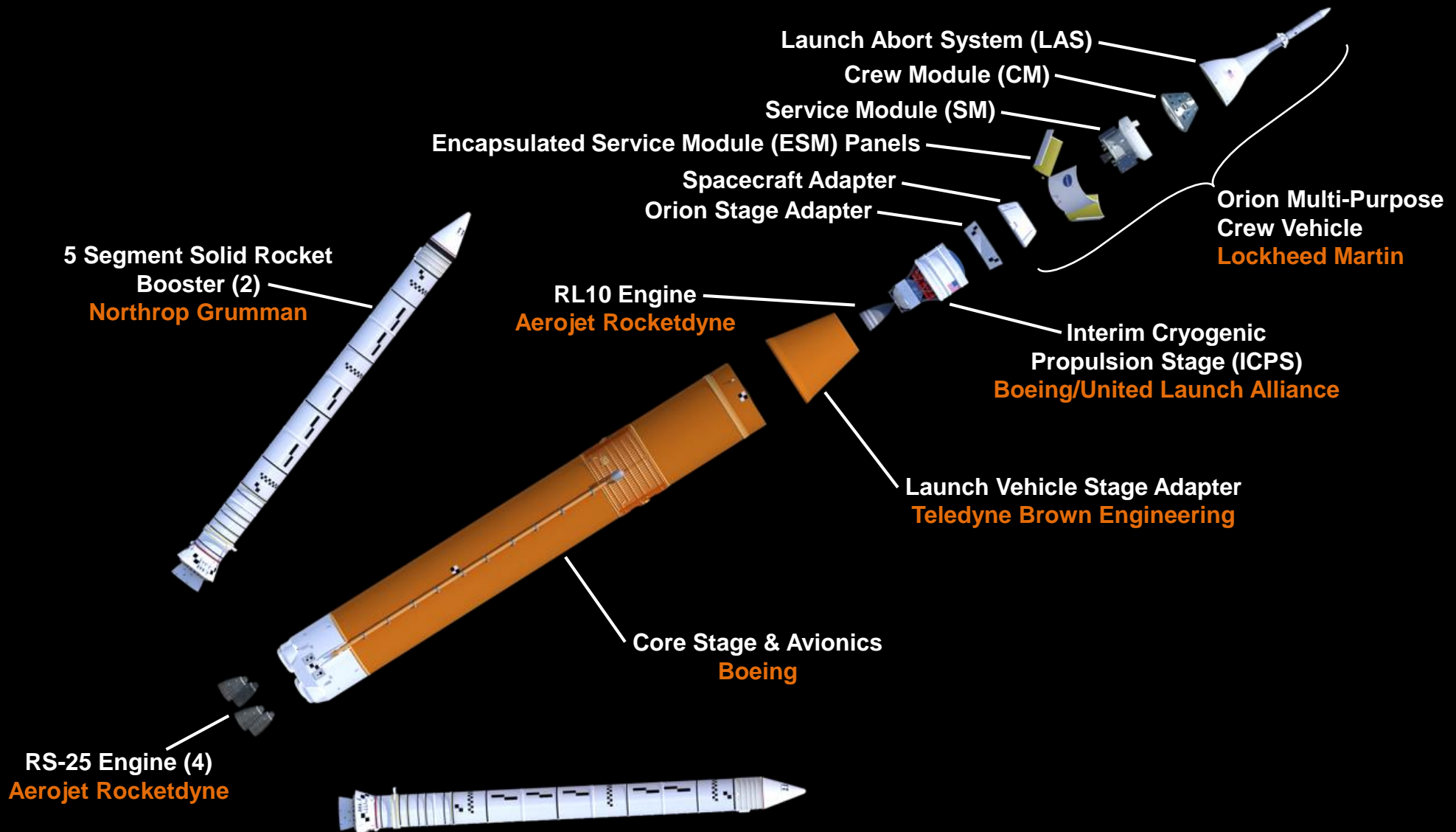
39,000,000 MILES



Space Launch System



SLS Rocket Overview

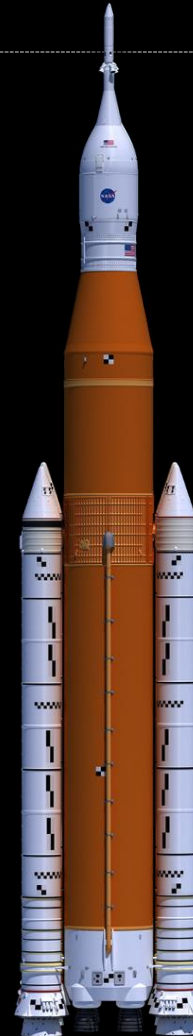




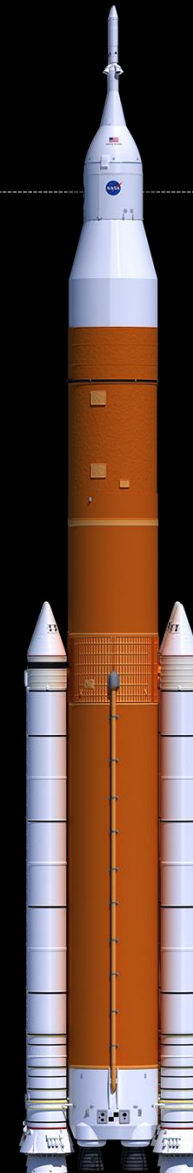
STATUE OF LIBERTY
305 ft.



SPACE SHUTTLE
184 ft.



SLS / ORION Block I
322 ft.



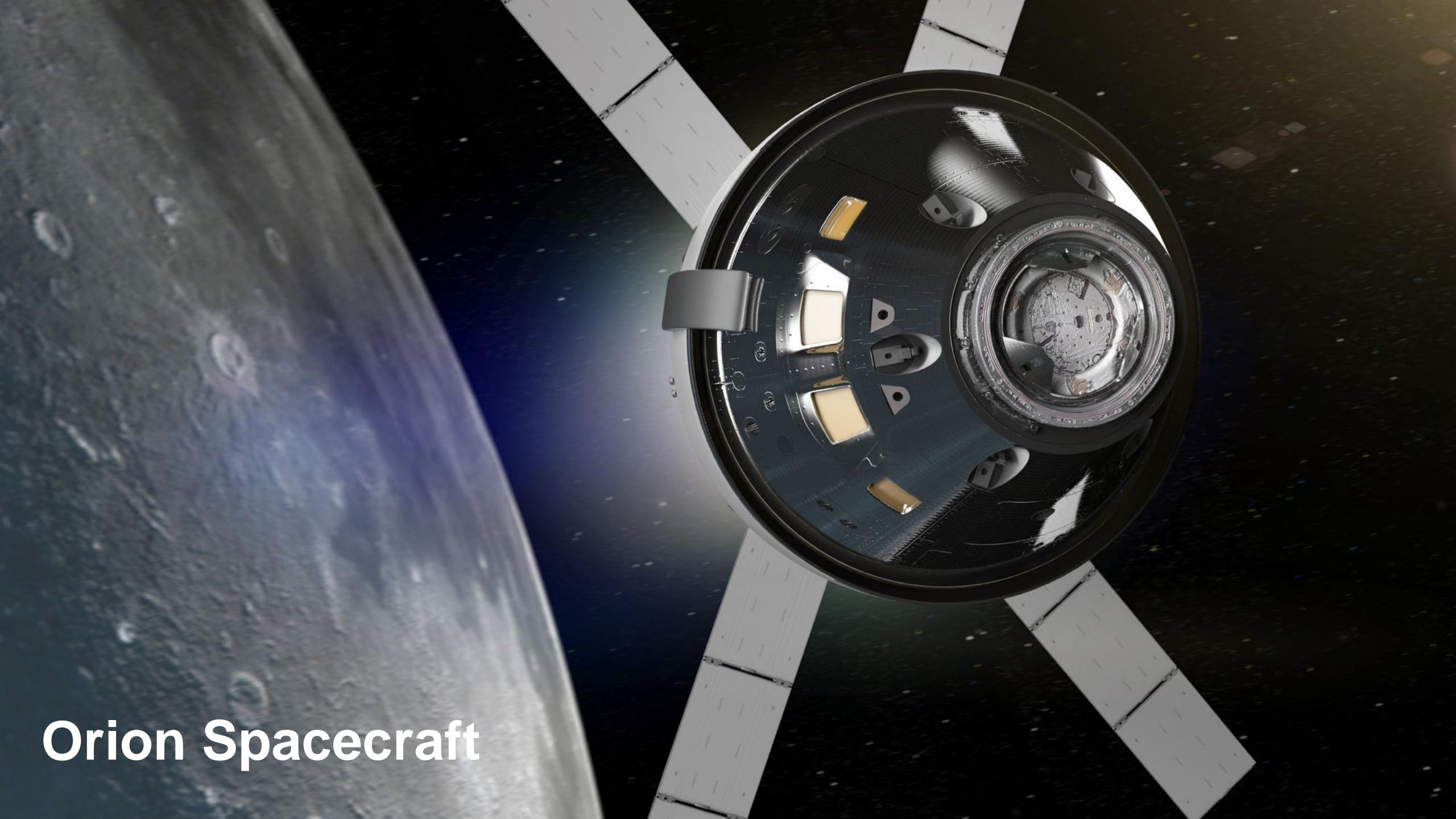
SLS / ORION Block II
364 ft.



SATURN 5
363 ft.

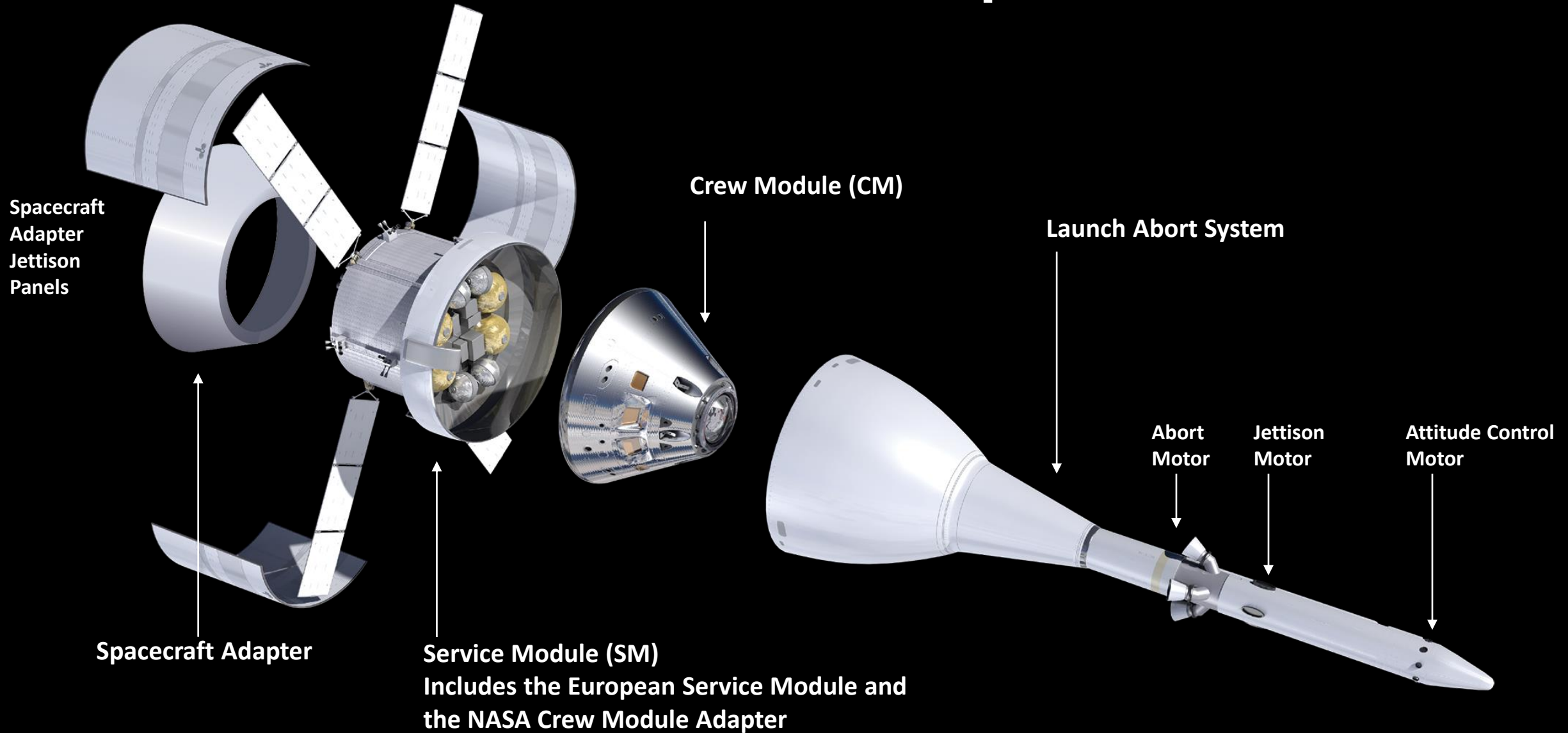
SLS Core Stage at the B-2 Test Stand





Orion Spacecraft

Orion Spacecraft Overview



Exploration Ground Systems

Kennedy Space Center

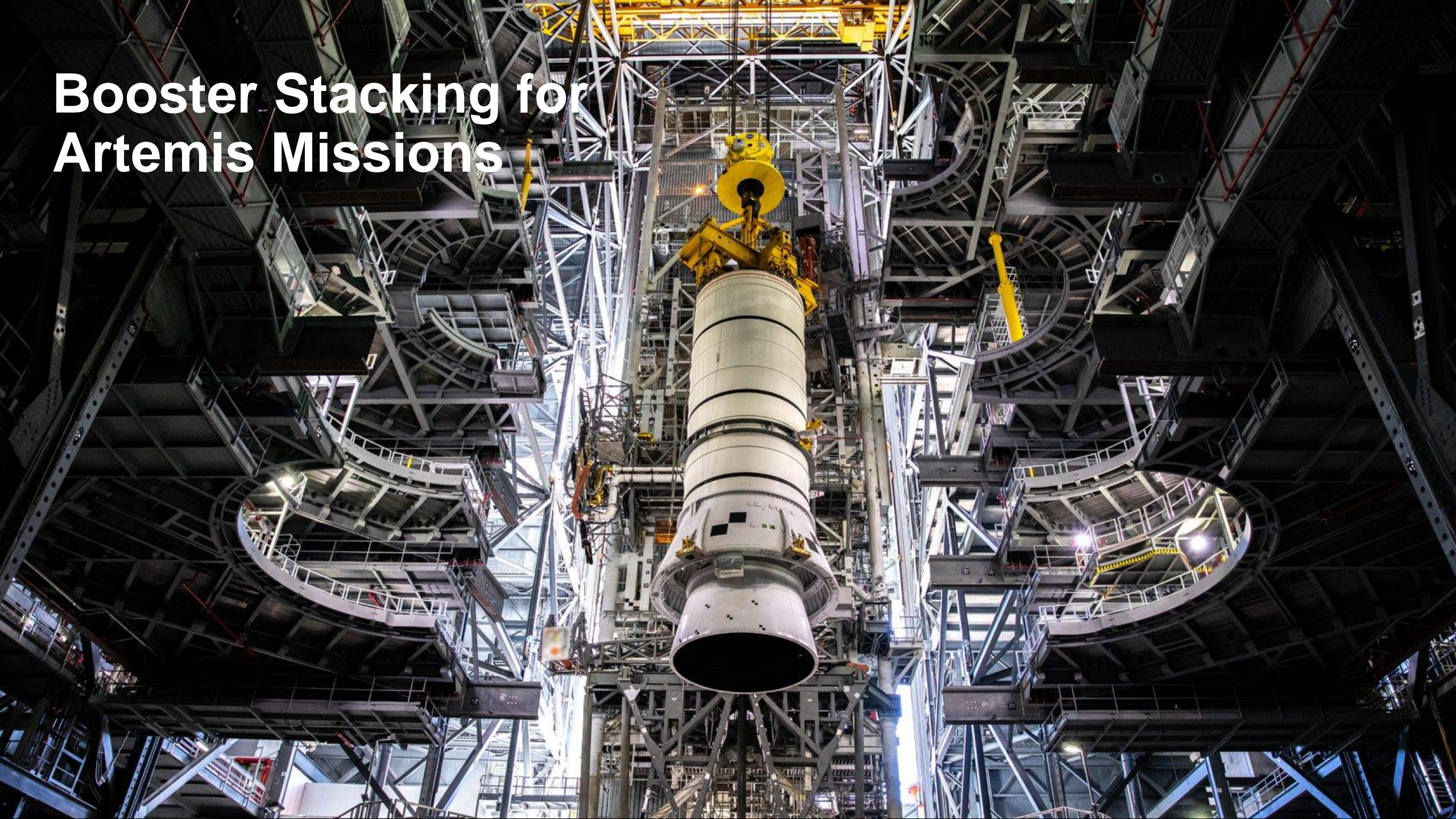


Mobile Launcher Roll Out



Preparing for Recovery at Sea

Booster Stacking for Artemis Missions





ARTEMIS I



NASA Intern



Flight Controller



Avionics Technician



Welding Technician



Astronaut Trainer/Diver



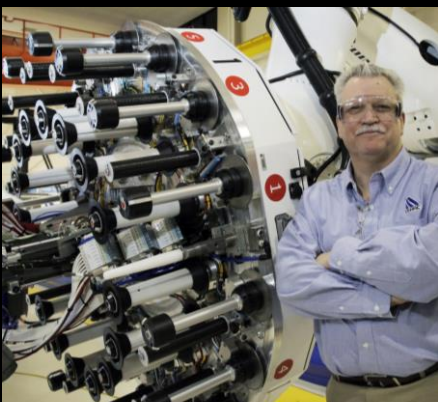
Launch Pad Construction



Social Media Manager



Geologist



Robotics Engineer



Graphic Designer



Food Scientist



Space Suit Designer



Let's go. *The time is now.*