

# FROM SHUTTLE TO ARTEMIS

Aerojet Rocketdyne propulsion bridges the divide between NASA's human spaceflight programs.

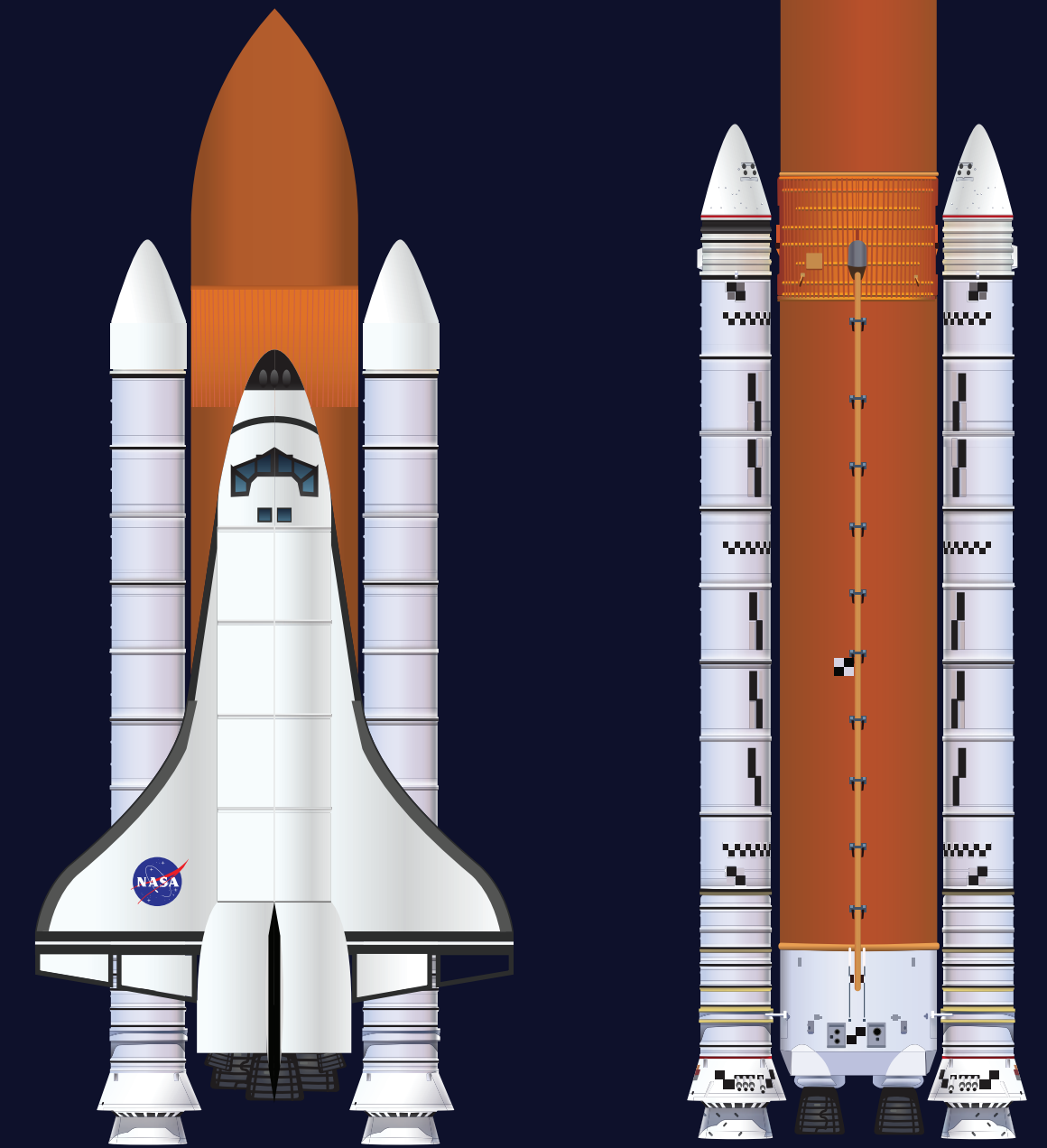


Four RS-25 Engines that Previously Flew on the Space Shuttle will Fly on Artemis I

Artemis I RS-25 orientation view looking up from the bottom.

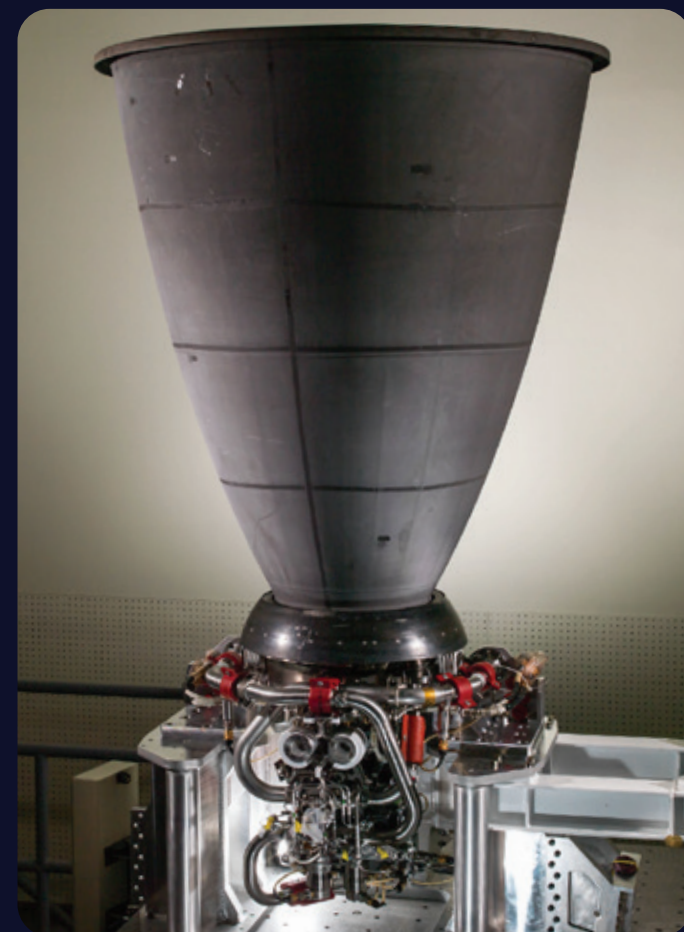
## Precious Cargo Flown on Artemis I Engines

- 118 individual astronauts flew on the Artemis I engines.
- NASA Deputy Administrator Pam Melroy flew on engines 2045 and 2058.
- Astronauts Christopher Ferguson, Doug Hurley, Sandra Magnus and Rex Walheim flew on engines 2045 and 2060 during the final shuttle flight, STS-135.

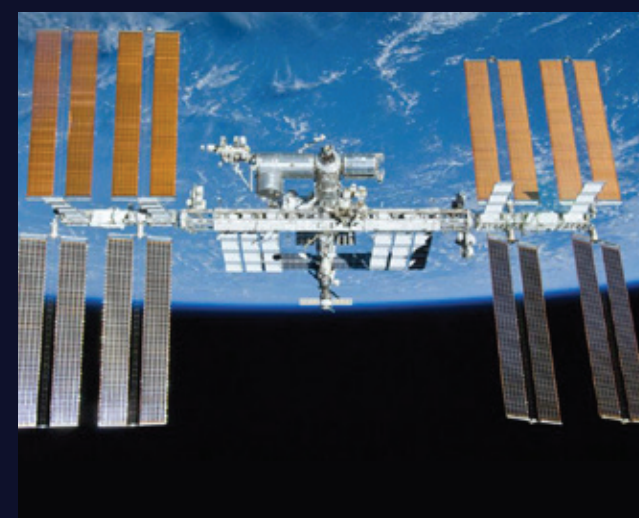


## The Orion Spacecraft's Shuttle Heritage

The main propulsion system for Orion is a repurposed Space Shuttle Orbital Maneuvering System Engine (OMS-E) that made 19 flights from 1984 to 2002, and was originally built by Aerojet Rocketdyne.



## Artemis I Engines' Remarkable History



Supported the last 18 (of 37) International Space Station Missions, including STS-135 (final flight).



Enabled the 4th visit to the Hubble Space Telescope to install the Advanced Camera for Surveys.



Propelled John Glenn's Return-to-Space Mission: STS-95 in 1998.

Aerojet Rocketdyne's flight-proven propulsion that supported the Shuttle program is helping power Artemis.

