NASA'S ORION SPACECRAFT

AEROJET ROCKETDYNE

ROCKET.COM/ARTEMIS

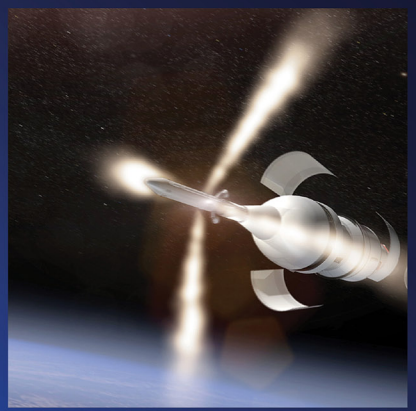
ARTEMIS I

Aerojet Rocketdyne is the primary propulsion provider for the Orion spacecraft, and supplies 22 engines across its Crew Module, Service Module and Launch Abort System.

Launch Abort System

JETTISON MOTOR

Providing 40,000 pounds of thrust, the jettison motor pulls the Launch Abort System (LAS) off the crew module during both nominal operations and abort modes.



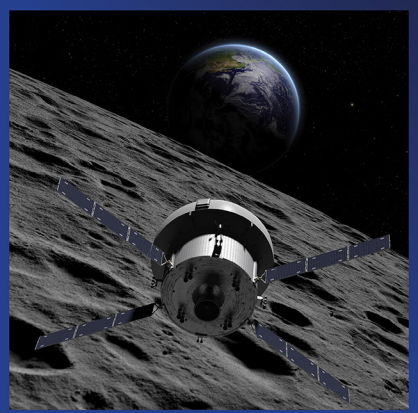
Service Module

8 AUXILIARY ENGINES

Each auxiliary engine generates 105 pounds of axial thrust, supplementing and backing up the Orion Main Engine.

ORION MAIN ENGINE

Once in space, the 6,000 pound thrust Orion Main Engine on the service module will maneuver the spacecraft.



Crew Module

12 REACTION CONTROL THRUSTERS

Each generating 160 pounds of thrust, the RCS thrusters will be used to control and properly orient the Orion crew module during its atmospheric reentry.