ARTEMIS II

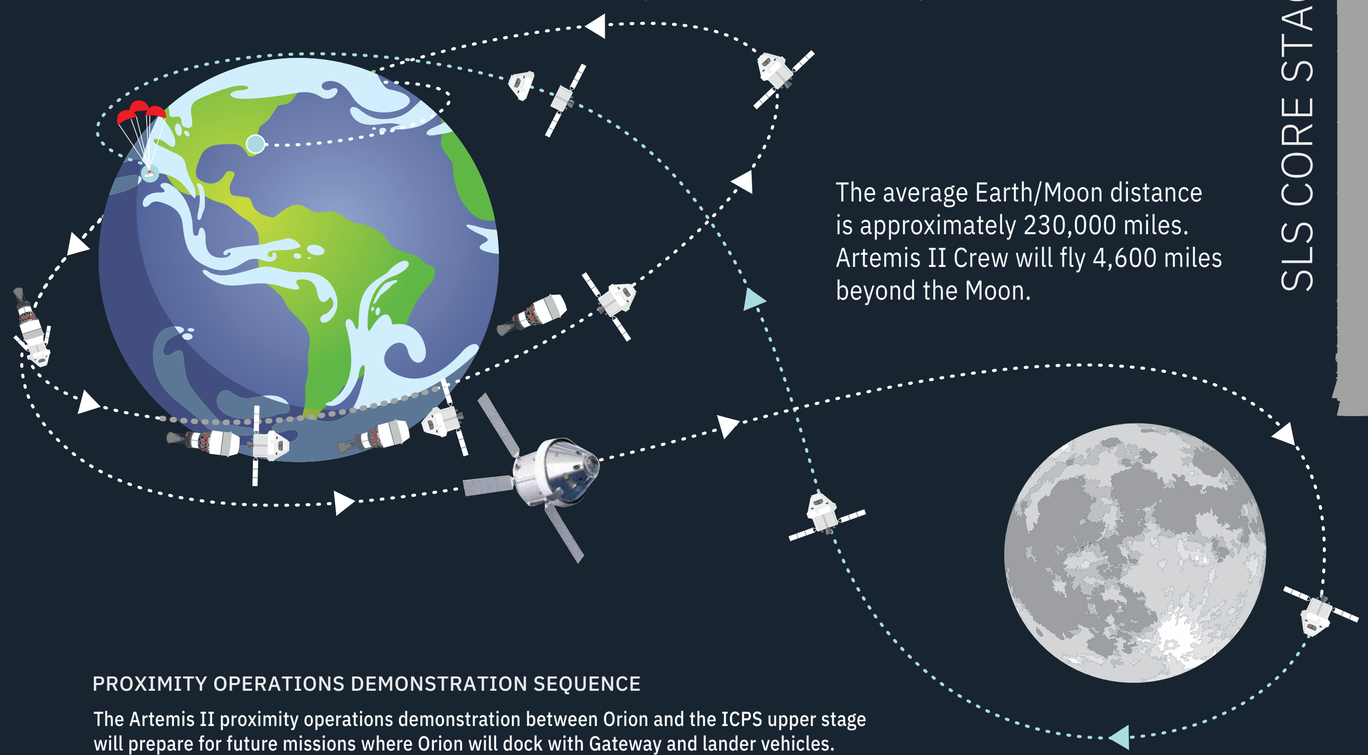
FIRST CREWED FLIGHT TO THE MOON SINCE APOLLO

FIRSTS

First woman and first person of color to travel to deep space

First crewed mission of the SLS and Orion

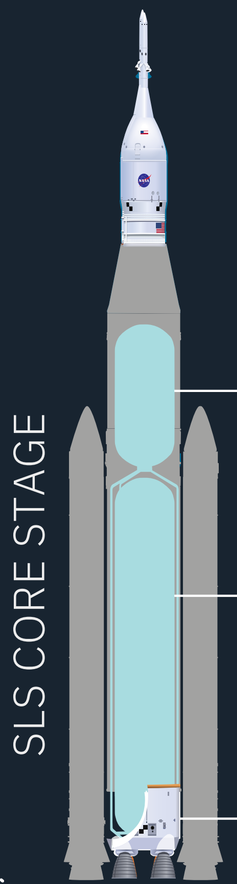
First time returning humans to lunar vicinity in more than 50 years



The average Earth/Moon distance is approximately 230,000 miles. Artemis II Crew will fly 4,600 miles beyond the Moon.

PROXIMITY OPERATIONS DEMONSTRATION SEQUENCE

The Artemis II proximity operations demonstration between Orion and the ICPS upper stage will prepare for future missions where Orion will dock with Gateway and lander vehicles.



THE RS-25 ENGINE

The Most Reliable, Flight Proven Liquid Booster Rocket Engine Ever Built

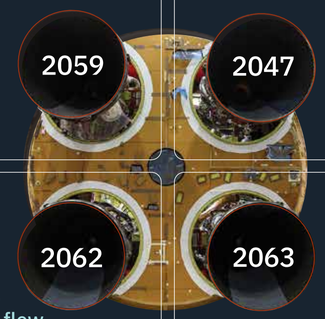
A collective 1.1 M seconds of hot-fire experience and 409 engine flights.

SLS REACHES MACH 23 FASTER THAN 17,000 MPH IN JUST 8.5 MINUTES

The RS-25 engine is a reliable, high-performance engine in a class all by itself.

ENGINE 2059
5 Flights
Including Space Shuttle Penultimate Mission

ENGINE 2047
15 Flights
Including Space Shuttle Final Mission



ENGINE 2062
Inaugural Flight
Assembled at the end of the Space Shuttle program at NASA's Kennedy Space Center, but never flew

ENGINE 2063
Inaugural Flight
First flight engine fully assembled at NASA's Stennis Space Center

Built by Aerojet Rocketdyne, engines 2059, 2047, 2062 and 2063 will support the Artemis II mission. Two of the RS-25 engines are upgraded Space Shuttle Main Engines (SSMEs) that flew before; and two will make their inaugural flight on the Artemis II mission. Two of the engines supported 20 successful Space Shuttle missions, and now they will usher in a new era of exploration.

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ARTEMIS

ARTEMIS II - NASA'S SPACE LAUNCH SYSTEM (SLS) POWERED BY AEROJET ROCKETDYNE

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