

ARTEMIS IV

FIRST FLIGHT OF SLS BLOCK 1B

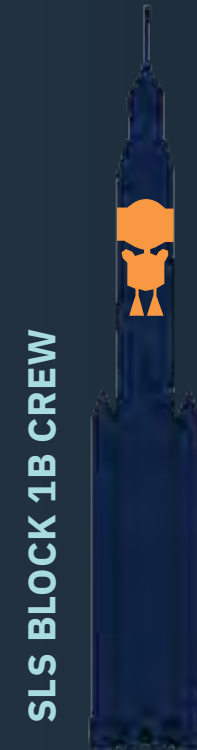
SLS Block 1B is a game changer with its Exploration Upper Stage (EUS)

3x More Mass to Lunar Orbit Than Any Other Rocket

SLS BLOCK 1B CREW with EUS can launch more than 83,000 LBS or

38 METRIC TONS TO THE MOON

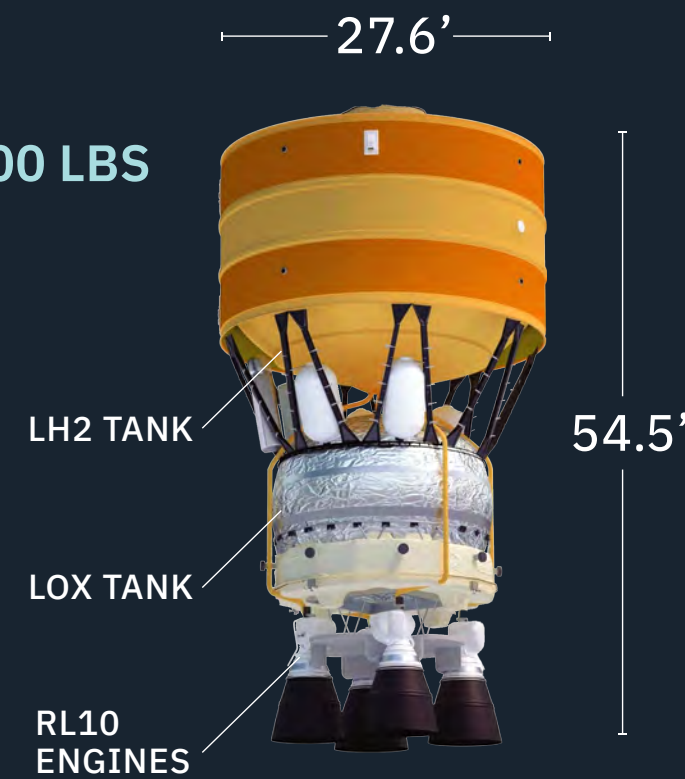
40% MORE PAYLOAD TO THE MOON



EUS
Fueled Weight 278,000 LBS

The Four-Engine EUS Provides **97,360 LBS OF THRUST**

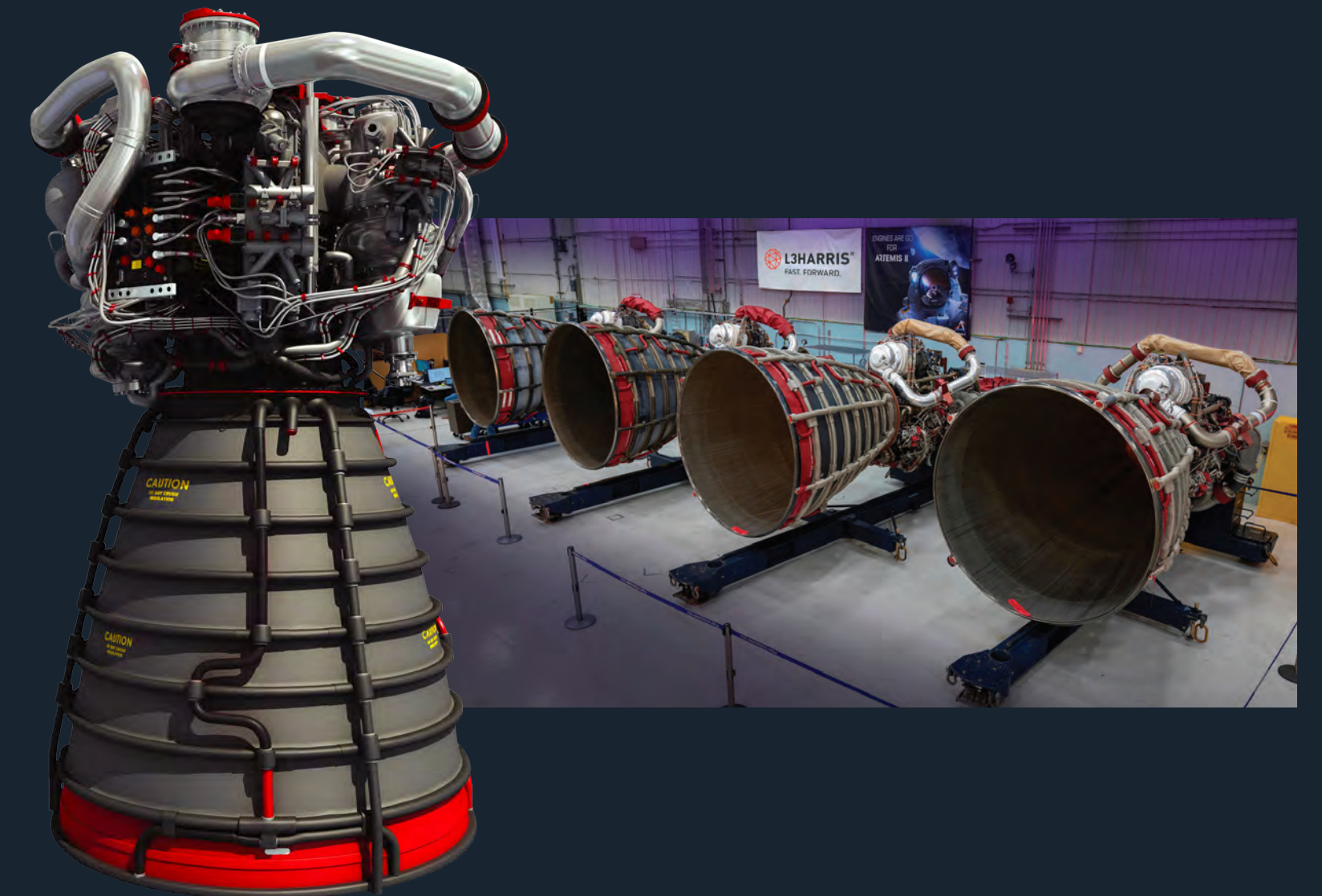
RL10 x 4



THE RS-25 ENGINE

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

The Artemis IV engines flew on 29 shuttle missions carrying 142 astronauts to orbit – more than any other set of shuttle-era engines used for Artemis



Mixed Manifest and Cargo Version Accommodates all Payload Sizes from Cubesats up to the Largest Telescopes

ORION + 10 mT CO-MANIFESTED PAYLOAD TO THE MOON



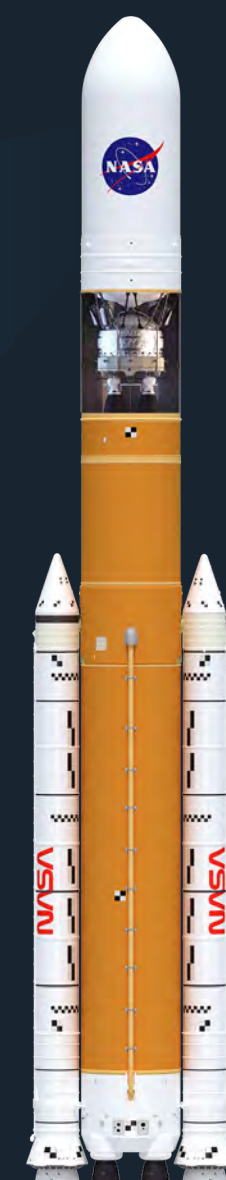
SLS CO-MANIFEST PAYLOAD with secondary satellite and multiple ESPA-class satellites



42 mT PAYLOAD TO THE MOON



SLS 8.4m FAIRING with large aperture telescope

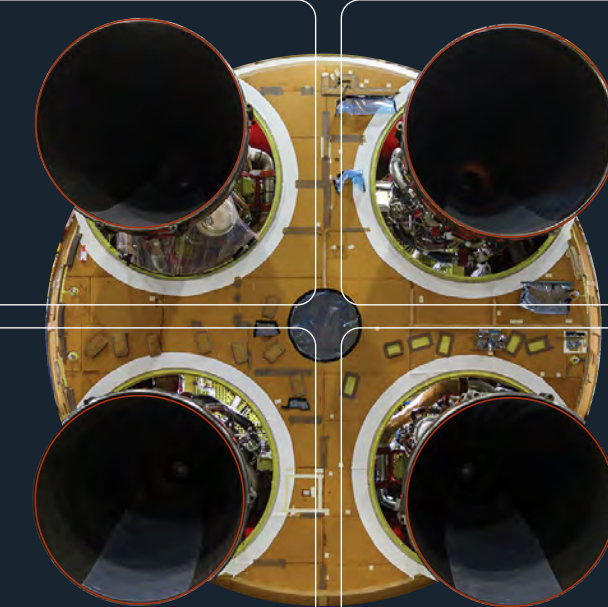


ENGINE 2050
6 Flights

ENGINE 2051
10 Flights

ENGINE 2044
13 Flights

ENGINE 2052
9 Flights



NO. 2052 recorded the one-millionth second of cumulative Space Shuttle Main Engine firing time during a test in 2004

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ARTEMIS IV - NASA'S SLS (SPACE LAUNCH SYSTEM)
POWERED BY L3HARRIS

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