

NASA's Space Launch System SLS RS-25 AWESOMENESS

The Most Reliable, Flight Proven Booster Engine Ever Built

Powered by Aerojet Rocketdyne



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

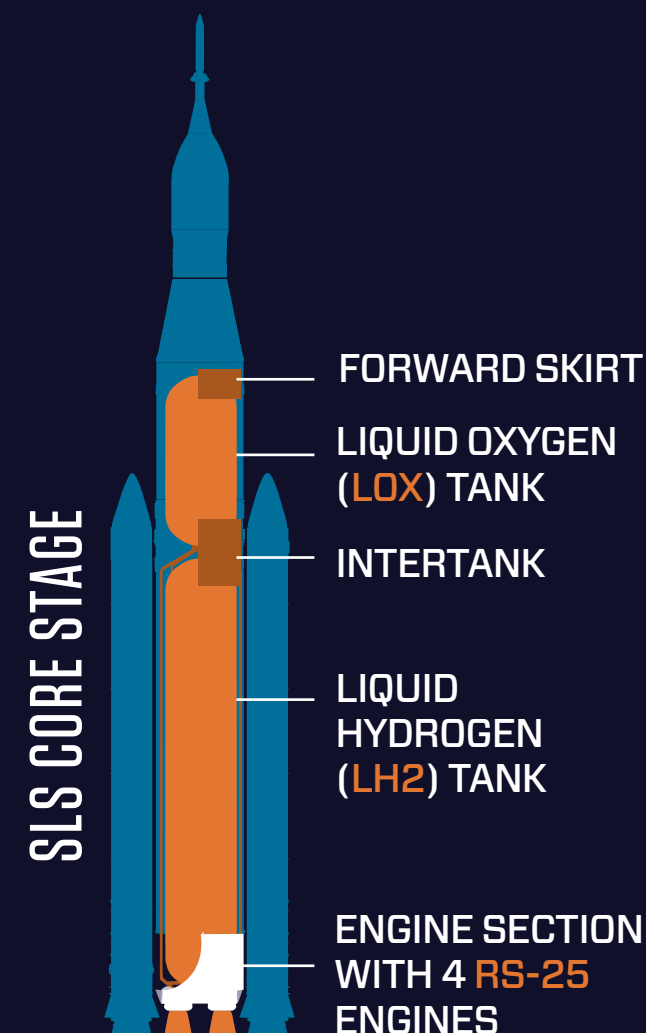
The RS-25 engines are flight proven. A collective **1.1 M seconds** of hot-fire experience and **405 engine flights**.

SLS REACHES **MACH 23**
Faster than **17,000 MPH** in just 8.5 minutes

Anticipating the need for new engines after the current inventory is expended, we have restarted production of new RS-25s that will **cost at least 30 percent less**



than previous RS-25 engines while providing 521,000 pounds of thrust, and will operate at 111% power level.



Upgraded for SLS from the Space Shuttle program, engines 2045, 2056, 2058 and 2060 will support the first SLS flight.

ENGINE 2056

11 Starts
4,955 Seconds
4 Flights
Including Hubble Telescope Servicing

ENGINE 2058

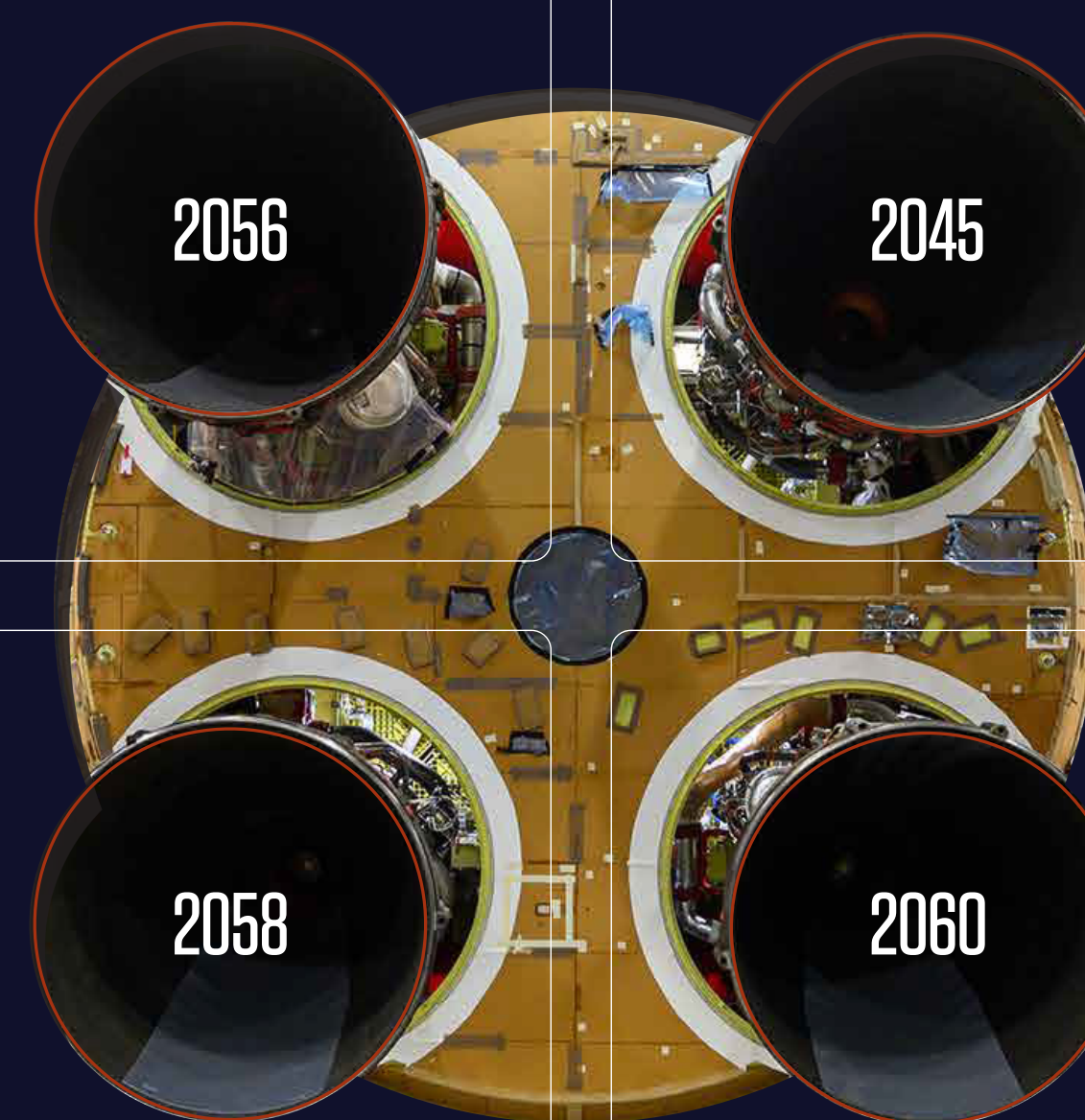
10 Starts
4,672 Seconds
6 Flights
6 Missions to Space Station

ENGINE 2045

16 Starts
7,583 Seconds
12 Flights
Including John Glenn Flight and Shuttle Final Mission

ENGINE 2060

8 Starts
3,517 Seconds
3 Flights
Including Shuttle Final Mission



NASA's Space Launch System (SLS): **Powered by Aerojet Rocketdyne**, America's Exploration Rocket is taking humans to the Moon & beyond

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