

RL10 POWER

YOU CAN COUNT ON

Aerojet Rocketdyne's next-generation RL10C-X will provide reliable upper stage power and performance for the Vulcan Centaur rocket built by United Launch Alliance.

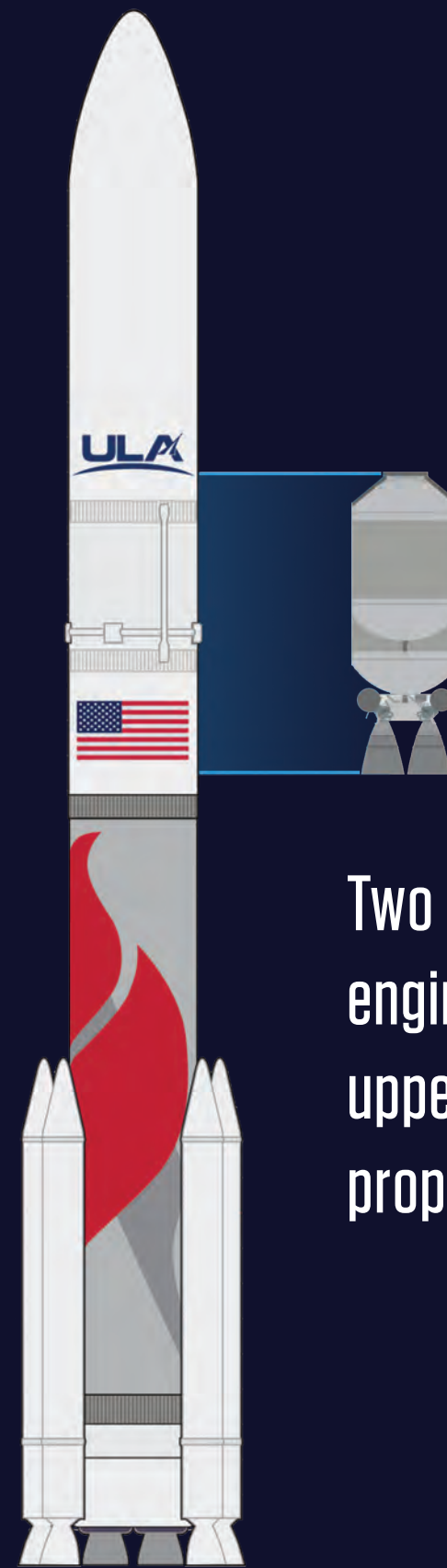


The RL10C-X, shown here without its lightweight composite nozzle, is the latest in a line of high-performing rocket engines that have served the nation for more than 50 years.

RL10C-X is powered by high-energy liquid hydrogen and liquid oxygen

3D Printed injector and main combustion chamber reduces cost while maintaining performance and reliability

Impressive specific impulse (Isp) of 461 seconds delivers enhanced mission capability for Vulcan Centaur



VULCAN CENTAUR HEAVY

Two RL10C-X engines provide upper stage propulsion

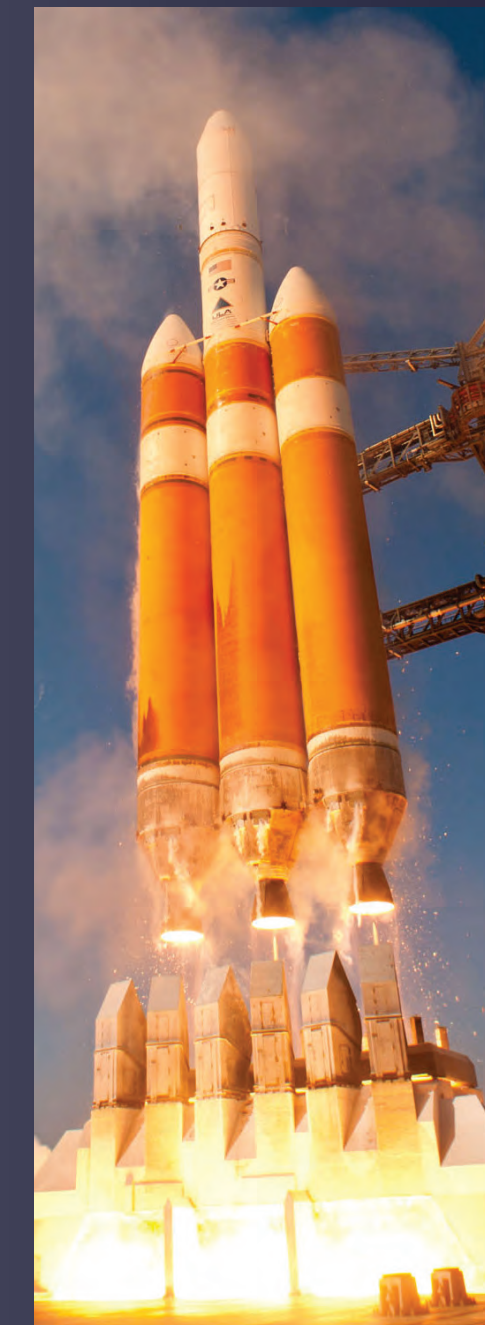


The RL10C-X features a 94-inch monolithic lightweight composite nozzle

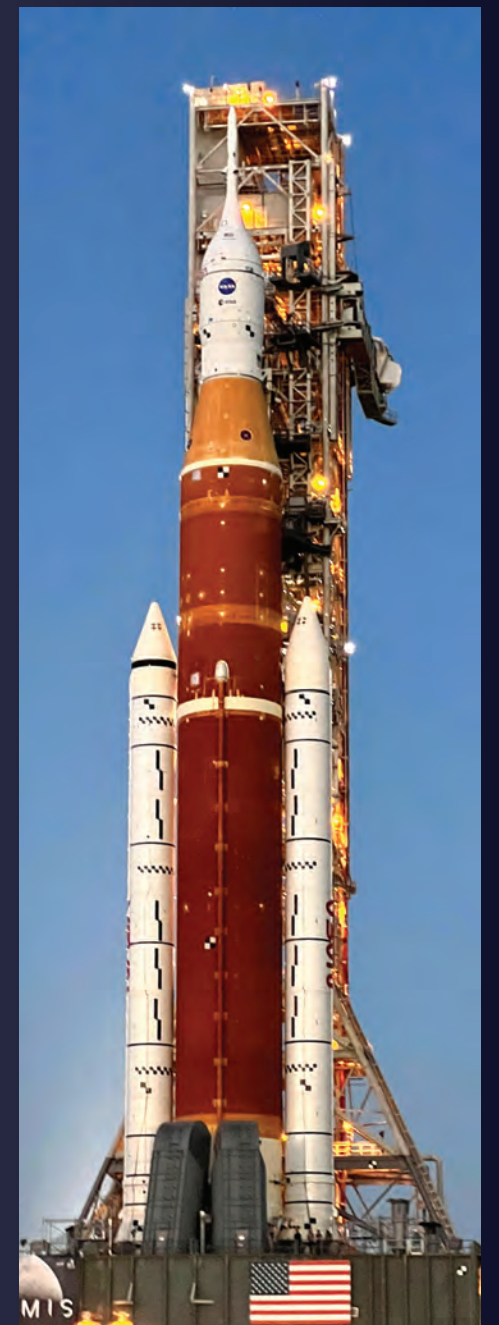
THE NATION'S PREMIERE UPPER-STAGE ENGINE FOR MORE THAN 50 YEARS



ATLAS V



DELTA IV



SPACE LAUNCH SYSTEM

The next-generation RL10C-X is carrying the RL10's legacy forward as the launch industry's workhorse upper-stage propulsion system

RL10C-X: Leveraging more than 50 years of powering space exploration and national security