



Gateway™: The Deep Space Launch Complex

Space Partners

Gateway™: The Deep Space Launch Complex features a showcase of NASA and commercial spacecraft hardware with immersive displays made possible by our partners.



Aerojet Rocketdyne, a subsidiary of Aerojet Rocketdyne Holdings, Inc. (NYSE:AJRD), is a world-recognized leader in space propulsion and power systems. From the historic Saturn V rocket that delivered the first humans to the surface of the moon to a fleet of next generation launch vehicles being designed and in operation today, Aerojet Rocketdyne's reliable propulsion systems enable mission success.

Aerojet Rocketdyne donated an RL10 upper-stage rocket engine that will be displayed at *Gateway: The Deep Space Launch Complex* at Kennedy Space Center Visitor Complex. The RL10 has been the nation's premiere high-performance upper-stage rocket engine for more than 50 years. Today, multiple models of the RL10 carry the engine's legacy forward as the launch industry's "workhorse" by powering the upper stages of the ULA Atlas V and Delta IV Heavy launch vehicles. Additionally, the RL10 is slated to power the upper stage of NASA's Space Launch System (SLS) deep space exploration rocket set to launch later this year. A single RL10 will power the Interim Cryogenic Propulsion Stage of SLS for the first three missions, and then four RL10 engines will support the more powerful Exploration Upper Stage that is being developed for future versions of SLS.



As a leading global aerospace company, Boeing develops, manufactures and services commercial airplanes, defense products and space systems for customers in more than 150 countries. As a top U.S. exporter, the company leverages the talents of a global supplier base to

advance economic opportunity, sustainability and community impact. Boeing's diverse team is committed to innovating for the future and living the company's core values of safety, quality and integrity. Learn more at www.boeing.com.

Boeing has contributed the CST-100 Starliner Spacesuit, the CST-100 Starliner Simulator, and the CST-100 Starliner Capsule to be displayed at *Gateway: The Deep Space Launch Complex*.



BRPH is a full-service architecture and engineering design firm. With 53 years of experience designing projects for a full spectrum of industries, ranging from multi-million-dollar launch pads to more than a million-square-foot manufacturing facilities and everything in between, we're well equipped to turn your next obstacle into your greatest opportunity.

BRPH worked alongside NASA and Delaware North to develop the vision for *Gateway: The Deep Space Launch Complex*. The design marks a new era in entertainment architecture and design in which agility and adaptability are essential to maintaining the relevancy of the forward-looking attraction. While other areas of Kennedy Space Center Visitor Complex highlight the past achievements of NASA's Mercury, Gemini, Apollo and Space Shuttle programs, the 50,000-square-foot *Gateway: The Deep Space Launch Complex* was conceived to evolve and adapt along with the space industry. Much more than a static display, the attraction is designed to accommodate artifacts, hardware and exhibits that may be introduced in the years ahead.



Sierra Space products and programs are working toward a more accessible space economy. The company is rapidly advancing toward the launch of the world's only winged commercial spaceplane, the Dream Chaser[®]. As the next generation of space transportation, the Dream Chaser will perform cargo supply and return missions for NASA, set to begin in late 2022, delivering up to 12,000 pounds of cargo to the International Space Station (ISS) at a time.

In addition to a model of Dream Chaser, Sierra Space has contributed models of the Large Integrated Flexible Environment (LIFE[™]) Habitat, and the Sierra Space Shooting Star[™]. The Dream Chaser spaceplane and LIFE platform are central components of the joint partnership Orbital Reef commercial space station and mixed-use business park being developed in partnership with Blue Origin.



SpaceX has gained worldwide attention for a series of historic milestones. It is the only private company capable of returning a spacecraft from low-Earth orbit, and in 2012 its Dragon spacecraft became the first commercial spacecraft to deliver cargo to and from the ISS. In 2020, SpaceX became the first private company to take humans to space.

On display in *Gateway* are both a flown Falcon 9 booster, and a flown Cargo Dragon COTS-2.



Leveraging a legacy of 100 percent mission success over 145 plus missions to explore, protect and enhance our world, United Launch Alliance (ULA) is the nation's most experienced and reliable launch service provider with world-leading reliability, schedule confidence and mission optimization. We deliver value unmatched by any launch services company in the industry, a tireless drive to improve and commitment to the extraordinary. For more information on ULA, visit the ULA website at www.ulalaunch.com.

United Launch Alliance space vehicles are well-represented in *Gateway: The Deep Space Launch Complex*. ULA provided three models of their rocket fleet, including an Atlas V, Delta IV Heavy and a Vulcan rocket.