AEROSPACE

RS&H

ARCHITECTURE | ENGINEERING | CONSULTING

COVER IMAGE:
MID-ATLANTIC REGIONAL SPACEPORT PAD 0A
NASA WALLOPS FLIGHT FACILITY

SPACE LAUNCH SYSTEM MOBILE LAUNCHER,
LIGHTNING PROTECTION & PAD MODIFICATIONS AT SLC39B
NASA KENNEDY SPACE CENTER

ADVANCING SPACE EXPLORATION

As the aerospace industry evolves, RS&H remains a leader in delivering customized, cutting-edge solutions that are shaping the future of space exploration. We offer unmatched experience in the design of manned and unmanned orbital and suborbital launch facilities, processing buildings, and ground support equipment, having worked on nearly every type of aerospace structure since the 1960s.

Our teams specialize in design, analysis, planning, construction administration, testing, and activation support. This experience includes extensive designs supporting liquid and solid propellant vehicles, from small missiles to large rockets, as well as vertical and horizontal launch programs.

We're leveraging our knowledge to develop adaptable, low-cost launch solutions for government and commercial providers. We're also leading the way in spaceport planning, licensing, and development. And we're committed to delivering energy-efficient, sustainable solutions that stand the test of time.

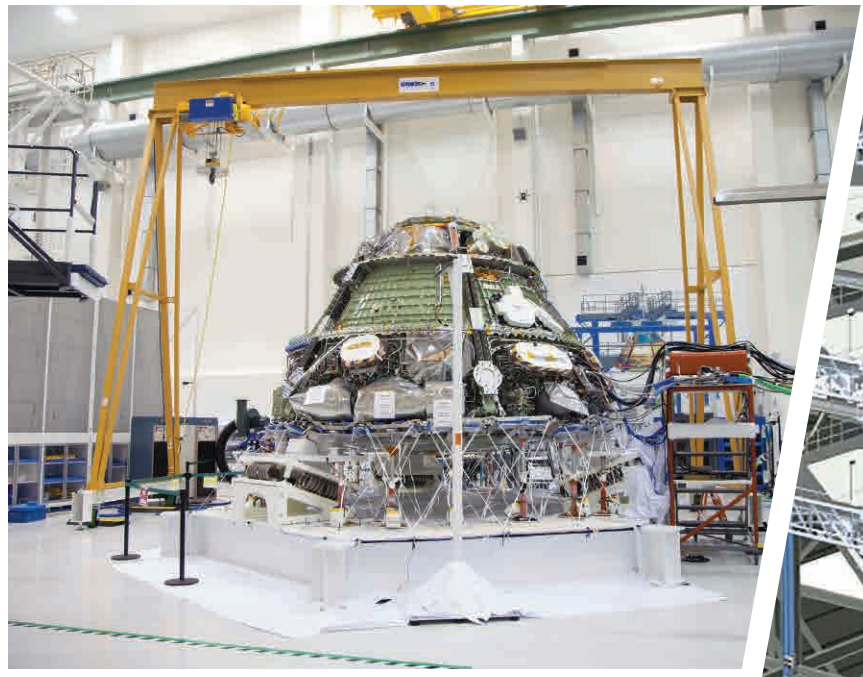
SUPPORTING
LAUNCH CAPABILITIES

Our long history in supporting NASA and the US Air Force has given us firsthand insight into the requirements and challenges facing both government and private launch providers. We specialize in engineering services for ground support equipment, special tooling, and analysis used in the preparation, processing, and launch of humans, cargo, experiments, and satellites. Our leading teams thoroughly understand all US government, military, and commercial launch vehicle processing requirements, standards, and specifications.

INNOVATIVE
BUILDINGS & INFRASTRUCTURE

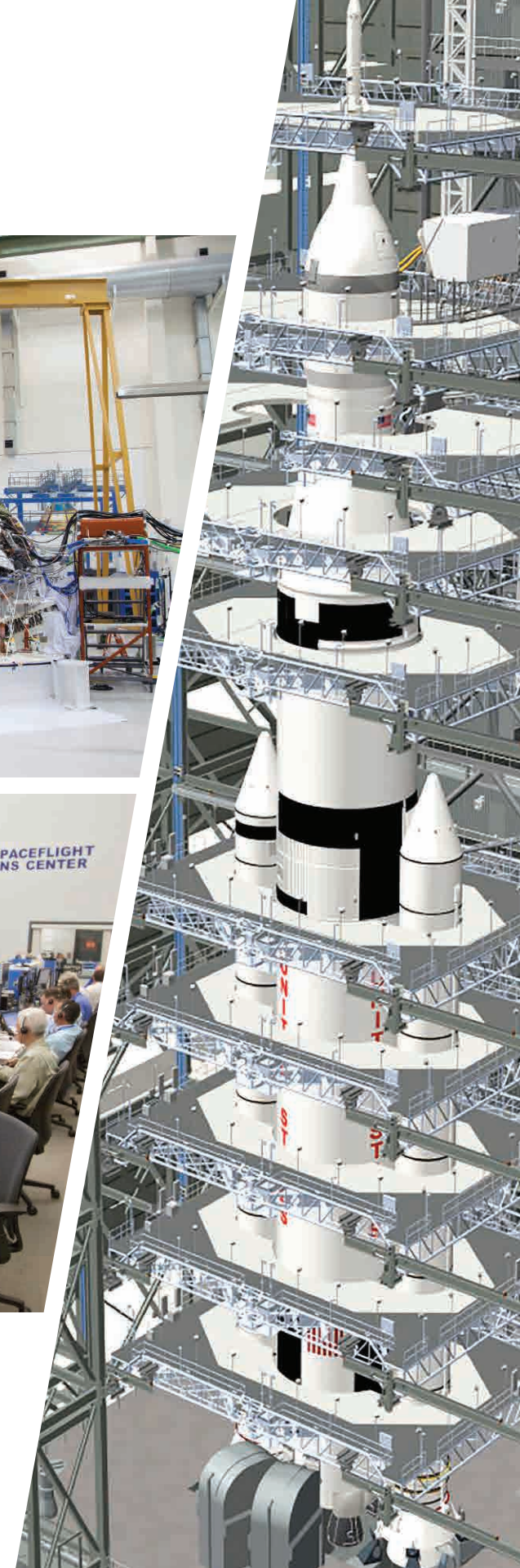
We offer specialized expertise in the planning, design, and development of buildings and infrastructure that support critical launch functions, including assembly, integration, processing, and testing. From new construction to renovations, we design cost-effective, operationally efficient facilities, as well as award-winning, LEED-certified buildings, with a focus on energy conservation, sustainability, responsiveness, and adaptability. Our team is experienced in all types of facilities, including those involving the manufacturing of aerospace components, integration of satellites, testing of an upper stage or assembly, as well as the stacking, testing, and checkout of rockets.

ORION SHAKER STAND
LOCKHEED MARTIN

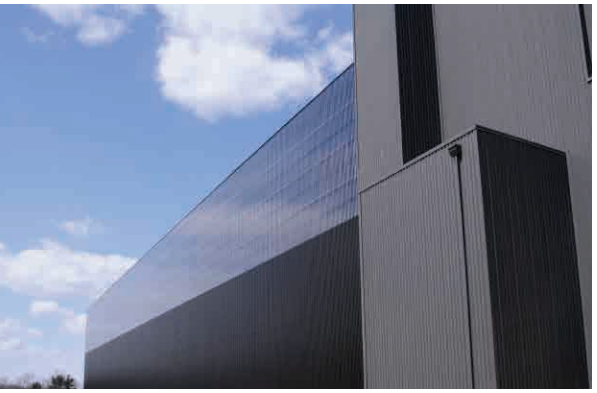


ATLAS V SPACEFLIGHT OPERATIONS CENTER
CAPE CANAVERAL AIR FORCE STATION

VEHICLE ASSEMBLY BUILDING ACCESS PLATFORMS FOR SPACE LAUNCH SYSTEM
NASA KENNEDY SPACE CENTER



NATION'S LARGEST INDUCTION SOLAR WALL
DEFENSE LOGISTICS AGENCY'S EASTERN DISTRIBUTION CENTER
NEW CUMBERLAND, PENNSYLVANIA



CENTER-WIDE SUSTAINABILITY MASTER PLAN
NASA KENNEDY SPACE CENTER

STRENGTHENING
OPERATIONS & THE ENVIRONMENT

Our sustainable designs and practices increase process efficiencies while simultaneously engaging and empowering the workforce. We've helped our clients divert 720 million pounds of waste from landfills, conserve 900 million gallons of water, and saved three million megawatt hours of electricity. Our environmental services expedite projects and ensure compliance with all applicable regulations for the natural and built environment.

MAXIMIZING
ENERGY EFFICIENCY

While providing sustainable, high-performing designs, our forward-thinking, commissioning and energy experts also offer proactive and progressive solutions. Through our own trademarked Positive Feedback Commissioning (PFCx) process, we provide automated, ongoing commissioning. This strategy allows us to track, monitor, and improve the performance of our clients' facilities with a focus on reducing costs and maximizing efficiency. Our teams ensure new construction and existing buildings are operating at their best, optimizing energy and water usage to achieve rapid returns.

DESIGN, PERMITTING, AND CONSTRUCTION MANAGEMENT AT LAUNCH COMPLEX 39B
NASA KENNEDY SPACE CENTER

BACK COVER: LAUNCH MOUNT AND SPECIALIZED LIFT SLING
NASA KENNEDY SPACE CENTER

PHOTO CREDITS: NASA &
US ARMY CORPS OF ENGINEERS

CONTACT US TODAY TO DISCOVER ALL THAT RS&H HAS TO OFFER.

rsandh.com

United States:
800-741-2014

International:
+1-904-256-2500

RS&H