



NEWS RELEASE

# Jacobs Supports NASA in Hitting Major Milestone for Artemis I

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Solid Rocket Booster segments arrive at Kennedy Space Center for final launch processing

DALLAS, July 8, 2020 /PRNewswire/ -- **Jacobs** (NYSE:J) and NASA's Exploration Ground Systems Program recently achieved a major milestone at Kennedy Space Center (KSC) as the motor segments of the Solid Rocket Boosters (SRB) arrived by rail at KSC in Florida on June 15, 2020. The twin SRBs are part of NASA's Space Launch System (SLS), which will be used to send humans to the moon, Mars and beyond.

This milestone represents a critical step in NASA's preparations for Artemis I, which will be the first in a series of increasingly complex missions that will extend the frontiers of human deep space exploration. Scheduled to launch in 2021, Artemis will be the first launch of SLS and Orion, the backbone of America's deep space exploration program.

"The arrival of the SRB components means we are getting very close to the stacking of flight hardware in the iconic Vehicle Assembly Building (VAB) at KSC," said Jacobs Critical Mission Solutions Senior Vice President Steve Arnette. "Once our team has conducted final inspections, processing and mating of the SRB segments, they will transport everything to the VAB for stacking to begin."

The Jacobs team, which handles final checkout and integration of all flight hardware for Artemis I, received the SRB hardware from Northrup Grumman (NG). The segments, filled with solid propellant, were manufactured by NG in Utah. Several forward and aft SRB components are assembled at an NG facility at KSC and will also be transferred to Jacobs for integration.

Each SRB contains five solid fuel segments (one more than the Space Shuttle Program), and each will provide



3,600,000 pounds of maximum thrust, helping to make the SLS the most powerful rocket on earth. The SRBs stand 177 feet tall and will be the first flight element to be stacked on the mobile launcher later this year.

In the Rotation, Processing and Surge Facility (RPSF) at KSC, Jacobs will inspect and conduct final processing, such as installing sensors on the motor segments, then transfer them to storage. The aft motor segments will be mated with the aft skirts and aft exit cones in build-up stands in the RPSF, to form the aft assembly for each SRB. Once completed, the Aft Assemblies will be the first component of flight hardware to be stacked on the mobile launcher. Once all the SRB components are moved to the VAB and mated to the stack, then the SLS core stage rocket will be lowered onto the mobile launcher, between the SRBs.

As NASA's largest services contractor, Jacobs is a provider and integrator of full lifecycle aerospace capability including design and construction; base, mission and launch operations; sustaining capital maintenance; and secure and intelligent asset management, development, modification, and testing processes for fixed assets supporting national government, military, defense and NASA, as well as commercial space companies.

In addition, Jacobs was recently selected by NASA as KSC's Large Business Prime Contractor of the Year for 2019. At KSC Jacobs is prime contractor for NASA's Test and Operations Support Contract.

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Certain statements contained in this press release constitute forward-looking statements as such term is defined in Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, and such statements are intended to be covered by the safe harbor provided by the same. Statements made in this release that are not based on historical fact are forward-looking statements. We base these forward-looking statements on management's current estimates and expectations as well as currently available competitive, financial and economic data. Forward-looking statements, however, are inherently uncertain. There are a variety of factors that could cause business results to differ materially from our forward-looking statements, including, but not limited to, the impact of the COVID-19 pandemic and the related reaction of governments on global and regional market conditions and the company's business. For a description of some additional factors that may occur that could cause actual results to differ from our forward-looking statements, see our Annual Report on Form 10-K for the year ended September 27, 2019, and in particular the discussions contained under Item 1 - Business; Item 1A - Risk Factors; Item 3 - Legal Proceedings; and Item 7 - Management's Discussion and Analysis of Financial

Condition and Results of Operations, as well as the company's other filings with the Securities and Exchange Commission. The company is not under any duty to update any of the forward-looking statements after the date of this press release to conform to actual results, except as required by applicable law.

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