DARPA, AFRL, Lockheed Martin And Aerojet Rocketdyne Team Successfully Demonstrate HAWC, Hypersonic Air-Breathing Weapon Concept

Historic Hypersonic Flight

PALMDALE, Calif., April 5, 2022 /PRNewswire/ -- The Defense Advanced Research Projects Agency (DARPA), Air Force Research Lab (AFRL), Lockheed Martin (NYSE: LMT) and Aerojet Rocketdyne (NYSE: AJRD) team successfully flight tested the Hypersonic Air-breathing Weapon Concept (HAWC). This historic flight reached speeds in excess of Mach 5, altitudes greater than 65,000 feet and furthers the understanding of operations in the high-speed flight regime.

"Our work with DARPA and AFRL on the HAWC program demonstrates that air-breathing hypersonic systems are a cost-effective solution to address rapidly emerging threats in the global security arena," said John Clark, vice president and general manager Lockheed Martin Skunk Works®. "The success of this flight test is evidence that a strong partnership between government and industry is key to solving our nation's most difficult challenges and enabling new capabilities to counter threats to U.S. and allied forces."

Lockheed Martin is proud to support multiple hypersonic systems development projects and is leveraging resources, talents, and lessons learned across the corporation to positively influence outcomes. Additionally, Lockheed Martin is weaving a digital thread throughout the design, test and manufacturing process to ensure it can produce hypersonic systems at the rates required to meet the warfighter's need.

Lockheed Martin's Background in Hypersonic Systems
Lockheed Martin has played a significant role in the research, development and demonstration of hypersonic technologies for close to 60 years. The corporation has made significant investments in the development of critical hypersonic technologies needed to enable operational systems to help the US and its allies counter rapidly emerging threats.

About Lockheed Martin
Headquartered in Bethesda, Maryland, Lockheed Martin (NYSE: LMT) is a global security and aerospace company that employs approximately 114,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services.

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