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ORBITEC Awarded NASA Research and Technologies Contract for Aerospace Propulsion Systems

MADISON, Wis. (December 10, 2015) – NASA has awarded [Sierra Nevada Corporation's](#) (SNC) wholly-owned subsidiary [Orbital Technologies Corporation](#) (ORBITEC) a competitive IDIQ task order contract instrument to support the development, demonstration and verification of advanced propulsion system technologies under the Research and Technologies for Aerospace Propulsion Systems 2 (RTAPS2) for NASA's Glenn Research Center in Cleveland, Ohio.

"We are thrilled for the opportunity to work in partnership with NASA in order to demonstrate, and apply, our advanced engine technology to this program," said Tom Crabb, ORBITEC's executive vice president and chief operating officer. "In support of this effort, we've assembled a blended team of organizations to provide technical expertise in each of their respective areas. Our team looks forward to supporting NASA to achieve their research and exploration objectives."

The five-year task-order contract, which is valued at up to \$50 million, will fund research in the area of space propulsion. This contract is specifically focused on propulsion system design and trade studies, including: liquid engine systems; propellant systems; electric propulsion; rocket-based combined-cycle propulsion systems; and advanced propulsion systems. To support the wide scope of the contract, ORBITEC has assembled a diverse team of large and small businesses and academic institutions to provide expert design, analysis, simulation, testing and flight qualification of propulsion systems and components. Utilizing the expertise of its team, ORBITEC will provide NASA with advanced space propulsion system technologies, a critical step to enhancing NASA's long-term aerospace research and furthering its exploration goals.

The ORBITEC RTAPS2 team includes:

- Alpha-Port
- AP Solutions
- Barber-Nichols, Inc.
- Busek, Co., Inc.
- Concepts NREC
- CRAFT-Tech

- Fabrisonic, LLC
- Florida Commercial Propulsion and Power Systems, LLC
- Florida Turbine Technologies
- Garvey Spacecraft Corporation
- Holder Aerospace
- Lockheed Martin (LMCO-ATC)
- Made in Space, Inc.
- Moog, Inc.
- Milwaukee School of Engineering
- MTI Systems
- N&R Engineering
- Purdue University
- Redstone Aerospace Corporation
- Sierra Engineering
- Triton Systems
- University of Alabama, Huntsville
- University of Wisconsin, Madison
- ZIN Technologies, Inc.

About Orbital Technologies Corporation (ORBITEC)

ORBITEC, a wholly-owned subsidiary of Sierra Nevada Corporation, is a leading high technology aerospace company based in Madison, Wisconsin. ORBITEC offers commercially mature solutions and strong capabilities in: Propulsion, Propellant, Power Systems, Life Support and Environment Control, Bio-based products and Production Systems and Next Generation Fire Suppression. The company has converted research and development initiatives into valuable products that provide significant cost advantages, superior functionality and high reliability. ORBITEC was acquired by Sierra Nevada Corporation in 2014. For more information visit www.orbitec.com

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About Sierra Nevada Corporation

Sierra Nevada Corporation (SNC), headquartered in Sparks, Nevada, delivers technology and teams designed to connect and protect, through innovative solutions in aircraft, aerospace, electronics, cyber and avionics. With a track record of success spanning five decades, SNC has been honored as one of America's fastest-growing private companies, "The Top Woman-owned Federal Contractor in the U.S.," and is among "The World's Top 10 Most Innovative Companies in Space." SNC and its subsidiaries and affiliates operate under the leadership of President Eren Ozmen and CEO Fatih Ozmen, with a workforce of more than 3,000 personnel in 33 locations in 18 U.S. states, England, Germany and Turkey.

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