FOR IMMEDIATE RELEASE

EXOS Aerospace Systems & Technologies, Inc. announces Pathfinder Test Launch date at Spaceport America

*Texas firm sets May 5th, 2018 for the Pathfinder flight of their **S**uborbital **A**utonomous **R**ocket with **G**uidanc**E** (SARGE)*

Spaceport America, NM and Caddo Mills, TX – April 11, 2018 – Spaceport America, the world's first purpose-built commercial spaceport and EXOS Aerospace Systems & Technologies, Inc., a leading developer of reusable space launch vehicles based in Caddo Mills, Texas, announce significant progress towards launch of their newest vehicle SARGE. The date and time target was selected in honor of Astronaut Alan B. Shepard, Jr's Suborbital Mercury Redstone 3 launch on May 5, 1961 @ 09:34AM.

EXOS has completed the design, test and build of their latest launch vehicle, received their FAA launch license and completed their final integration and test hovering their rocket like it's a "lunar lander" (See this amazing tech demo at: https://www.youtube.com/watch?v=p36BZAw0_3g&feature=youtu.be).

A successful Pathfinder test flight of the SARGE reusable system will solidify the company's plan to use this technology as the design basis of their reusable (first stage) launch vehicle capable of carrying 100kg to orbit (200-400km).

"We are excited about the technology EXOS is developing and the entrepreneurial spirit and capabilities of the commercial space industry as it takes shape at Spaceport America. We look forward to supporting the EXOS mission in its upcoming spaceflight," said Daniel Hicks, Spaceport America CEO. "A successful Pathfinder flight test will bring them one step closer to regular commercial suborbital launches, and ultimately tenancy and planned O&M activities, that could possibly even support their Orbital development at Spaceport. Spaceport America wishes EXOS the best as they forge forward with the potential to create ever more new high tech jobs in New Mexico than initially expected under this contract."

"We are excited to enter into the testing phase of our SARGE platform at Spaceport America, and even more excited to reveal our plans for our JAGUAR Reusable (first stage) LEO launcher " said John Quinn EXOS COO. "We look forward to enabling space research, manufacturing, and educational opportunity for the world by providing frequent suborbital flights that provide fast and affordable access to Space. Since the 36-foot tall 20-inch diameter SARGE rocket is designed for reusability, it is proving to be an excellent risk mitigation platform for our orbital technology development program. The software and technologies we have developed are key to development of the Reusable first stage of our planned JAGUAR vehicle". SARGE and JAGUAR will use NASA's Morpheus flight code (acquired through a Space Act Agreement) that was modified by a team of scientists from Exos, Intuitive Machine, C-Squared, Helios and XISP Inc.

What's next for Exos?

Orbital - "Once Exos achieves a successful test of the SARGE platform we will move to using the SARGE platform to develop live dynamic condition assessment and prognostics system evaluation programs that will help us predict vehicle RUL (Remaining Useful Life) as a feed forward to reduce risk in our orbital program" said John Quinn EXOS COO. "We have built SARGE to be overly robust (and heavy) until we have a flight data set to show us where we can shave off weight safely leaving plenty of margin for repeated reuse". Quinn says Exos designed the rocket system to support up to 200 flights; however they propose to use the Lox Ethanol vehicle as long as its "safe" and ultimately desire to sell the liquid fired rockets to **MDA** as "hard to acquire" targets as they near end of their economically viable life.

About EXOS Aerospace Systems & Technologies, Inc.
EXOS is a leading developer of *reusable* space launch vehicles and is based in Caddo Mills, Texas. EXOS provides affordable, repeatable, and reliable commercial spaceflight with accelerated turnaround. Our payload customers are those who want to "fly now," rather than a year from now, need minutes of micro G time, and prompt access to their payload. EXOS is booking payloads now on its SARGE vehicle and has SPACE available… or, If you are interested in Wet Leasing a SARGE vehicle for an extended research campaign, contact us for more details via the contact us link at http://www.exosaero.com/. Exos is planning the JAGUAR *reusable* first stage Orbital launcher testing to commence by 2020.

About Spaceport America
Spaceport America is the first purpose-built commercial spaceport in the world. The FAA-licensed launch complex, situated on 18,000 acres adjacent to the U.S. Army White Sands Missile Range in southern New Mexico, has a rocket friendly environment of 6,000 square miles of restricted airspace, low population density, a 12,000-foot spaceway, and 340 days of sunshine and low humidity. Some of the most respected companies in the commercial space industry are customers at Spaceport America: Virgin Galactic, United Launch Alliance, Boeing, UP Aerospace, EnergeticX Pipeline2Space and EXOS Aerospace. Visit http://spaceportamerica.com for more information.

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