

GeoJump awarded SpaceWERX Orbital Prime Contract

GeoJump and Carthage College partner to develop in-space refueling capabilities for satellites and orbital transfer vehicles (OTVs).

SEATTLE, WA, UNITED STATES, September 21, 2022 /EINPresswire.com/ -- [GeoJump](#), together with partner Research Institute [Carthage College](#), announces it has been selected by SpaceWERX for a STTR Phase I to investigate how Modal Propellant Gauging (MPG) technology, a technology for in-space refueling, might enable In-space Service Assembly and Manufacturing (ISAM) capabilities being explored by the Department of the Air Force (DAF) and United States Space Force (USSF) through the Orbital Prime program. Orbital Prime was created to accelerate the commercial ISAM market toward a use case of Active Debris Remediation. The Air Force Research Laboratory and SpaceWERX have partnered to streamline the Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) process by accelerating the small business experience through a faster proposal to award timelines, changing the pool of potential applicants by expanding opportunities to small business and losing bureaucratic overhead by continually implementing process improvement changes in contract execution. The DAF began offering 'The Open Topic' SBIR/STTR program in 2018 which expanded the range of innovations the DAF funded and now GeoJump and Carthage College will start the journey to create and provide innovative capabilities that will strengthen the national defense of the United States of America.

About GeoJump

GeoJump is revolutionizing access to geosynchronous orbit (GEO) and beyond for smallsats, hosted payloads, and space infrastructure. Leveraging lunar flyby maneuvers originally designed in the Apollo era, GeoJump delivers customers to orbit on its fleet of orbital transfer vehicles (OTVs). The OTVs provide continuous hosted-payload support and space services for the growing In-Space Servicing, Assembly and Manufacturing (ISAM) economy. Beyond frequent and reliable access to non-traditional orbits, GeoJump offers a Full-Service Launch Program and the sector's first-ever space financing solution for smallsats and hosted payloads going to GEO & beyond.

About AFRL

The Air Force Research Laboratory (AFRL) is the primary scientific research and development center for the Department of the Air Force and United States Space Force. AFRL plays an integral role in leading the discovery, development, and integration of affordable warfighting

technologies for our air, space, and cyberspace force. With a workforce of more than 11,000 across nine technology areas and 40 other operations across the globe, AFRL provides a diverse portfolio of science and technology ranging from fundamental to advanced research and technology development. For more information, visit: www.afresearchlab.com.

About SpaceWERX

SpaceWERX is the Space component of AFWERX (a program office at the Air Force Research Laboratory -AFRL) which connects innovators across government, industry and academia. Through innovation and collaboration with our nation's top subject-matter experts and harnessing the power of ingenuity of internal talent, by expanding technology, talent, and transition partnerships for rapid and affordable commercial and military capability. Additional information is available at: <https://www.spacewerx.us/>.

About SpaceWERX Orbital Prime

SpaceWERX Orbital Prime leverages a diverse industry partnership engagement strategy to identify nascent space technology sectors that, if "primed", could advance U.S. national security and economic prosperity. Prime engagement is not limited to government investment, but also allows SpaceWERX to address key policy concerns as well as offer testbeds and platforms to advance capabilities. The first Space Prime effort, Orbital Prime will invigorate the In-space Servicing, Assembly, and Manufacturing (ISAM) market using Active Debris Remediation (ADR) as a use case for the foundational technologies. Learn more at <https://spacewerx.us/space-prime/>.

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