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Camden Space on Contract with the Space Force to Develop Proprietary Spacecraft Health and Environment Monitor

Development of the Spacecraft Charge Detector (SCD) to Continue on Phase I STTR

(Ann Arbor, MI) – Camden Space announced today it has been selected by SpaceWERX for a Phase I Commercial Solutions Opening (CSO) STTR focused on developing its patented Spacecraft Charge Detector (SCD) technology.

The Phase I STTR tasks Camden Space to address the most pressing challenges in the Department of the Air Force (DAF) by developing innovative satellite protection capabilities that strengthen the national defense of the United States of America.

Founded in Detroit in 2025, Camden Space specializes in developing sensing technologies like the SCD which offer new insight into spacecraft health and the space environment.

Camden Space is proud to partner with the U.S. Space Force (USSF) and University of Michigan Engineering to develop this critical, dual-use technology.

“This represents an important step towards a much broader field of study and a future in which satellites no longer need to fly blind to that which threatens them,” said Dr. Grant Miars, Founder and CEO of Camden Space. “We look forward to delivering on its potential to protect satellites from a myriad of space hazards and better understand the space environment that we all share.”

The views expressed are those of the author and do not necessarily reflect the official policy or position of the Department of the Air Force, the Department of War, or the U.S. government.

About the Opportunity

The Air Force Research Laboratory and SpaceWERX, the innovation arm of the U.S. Space Force and a division within AFWERX, have partnered to streamline the Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) process by accelerating the small business experience through faster proposal to award timelines, changing the pool of potential applicants by expanding opportunities to small business and eliminating 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. On June 23, Camden Space started its journey to create and provide innovative capabilities that will strengthen the national defense of the United States of America.

About Camden Space

Camden Space LLC is dedicated to serving their customers via innovative technology solutions. They specialize in developing novel, impactful technologies which offer unprecedented insight

into vehicle health and environmental interactions. Founded in Detroit in 2025, Camden Space is actively building on recent technical breakthroughs at the University of Michigan in the fields of spacecraft charging and space systems. For more information, visit camdenspace.io or reach out to the press contact below.

About SpaceWERX

SpaceWERX, the innovation arm of the U.S. Space Force and a division of AFWERX, partners with startups, small businesses and nontraditional vendors to accelerate commercial space technologies for Guardians. Headquartered in Los Angeles, SpaceWERX connects industry innovation with defense needs to deliver capabilities faster. In partnership with Space Systems Command's Commercial Space Office, SpaceWERX bridges innovation and acquisition to accelerate capability adoption. In fiscal year 2025, SpaceWERX awarded more than 300 contracts totaling \$510 million. For more information, visit spacewerx.us.

About AFRL

The Air Force Research Laboratory is the Department of the Air Force's primary scientific research and development center and one of six centers within Air Force Materiel Command. AFRL leads the discovery, development and delivery of technologies for air, space and the multidomain. With a workforce spanning seven mission areas at more than 40 locations worldwide, AFRL conducts research ranging from basic science to advanced technology development. For more information, visit afresearchlab.com.

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