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Redwire Announces New High-Performance, Low-Mass Solar Array, Building upon the Success of its Roll-Out Solar Array Product Line

JACKSONVILLE, Fla.--(BUSINESS WIRE)-- Redwire Corporation (NYSE: RDW), a global leader in aerospace and defense technology solutions, today announced a new high-performance, low-mass solar array product, the Extensible Low-Profile Solar Array (ELSA), designed to meet the needs of mass-manufactured satellites that require standardized, modular power solutions to enable on-orbit operations. ELSA addresses current and future market demand from government and commercial entities requiring higher volume satellite production to support warfighter communications, telecommunications, and more. Leveraging technical heritage from Redwire's Roll-Out Solar Array (ROSA) product line, modular subsystems, and a parallel production approach, ELSA bolsters Redwire's capability to serve more markets by providing reliable, robust, and affordable power in a compact foldable package.

ELSA provides up to 50% more power by volume than our traditional solar arrays and is designed to minimize solar array stowed volume and mass while remaining competitive with conventional solar array performance and pricing. ELSA offers a significant improvement in modular, scalable design and rapid production to support customers with low to medium-power applications across all orbits.

"ELSA will broaden Redwire's solar array offerings into exciting new public and private sector markets," said Mike Gold, President of Redwire's Space business segment. "Demand for power in space is already robust and will only continue to grow at a rapid pace. We're eager to leverage the singular success and flight heritage of ROSA to support the growing needs of customers for innovative power solutions."

Redwire is a market leader in space power solutions, with a proven track record of innovation and on-orbit success. Redwire's ROSAs have a 100% on-orbit success rate on flagship space missions, including the International Space Station and NASA's Double Asteroid Redirection Test mission. Redwire is currently manufacturing a pair of the most powerful ROSAs ever built for NASA's Lunar Gateway, along with multiple arrays for Thales Alenia Space's Space INSPIRE satellites and Blue Origin's multi-orbit space mobility platform, Blue Ring.

About Redwire

Redwire Corporation (NYSE:RDW) is an integrated space and defense tech company focused on advanced technologies. We are building the future of aerospace infrastructure and autonomous systems, leveraging digital engineering and AI automation. Redwire's

approximately 1,400 employees located throughout North America and Europe are committed to delivering innovative space and airborne platforms transforming the future of multi-domain operations. For more information, please visit RDW.com.

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