



AV Delivers First Two Multi-Purpose High Energy Laser Systems to U.S. Army

September 3, 2025 11:51 AM EDT

ARLINGTON, Va.--(BUSINESS WIRE)--Sep. 3, 2025-- AeroVironment, Inc. ("AV") (NASDAQ: AVAV) today announced the successful delivery of the first two mobile counter-unmanned aircraft system (C-UAS) prototype Laser Weapon System (LWS) to the U.S. Army Rapid Capabilities and Critical Technologies Office (RCCTO) as part of the first increment of the Army Multi-Purpose High Energy Laser (AMP-HEL) prototyping effort. The AMP-HEL prototype systems feature AV's 20kW-class LOCUST™ LWS integrated on the General Motors Defense Infantry Squad Vehicle (ISV) platform—a significant advancement in mobile, frontline C-UAS capabilities.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20250903650485/en/>



AV completes milestone delivery of two 20kW-class LOCUST Laser Weapon Systems integrated on Infantry Squad Vehicles for the Army Multi-Purpose High Energy Laser, including Government Acceptance Testing and Soldier training
[Credit: AV]

"This milestone marks a major step forward in the Army's pursuit of fieldable directed energy capabilities," said Mary Clum, Senior Vice President for AV's Space & Directed Energy Group. "Through the AMP-HEL program, AV is delivering our extensively validated LOCUST laser system—a technically sophisticated solution that has demonstrated reliability and operational readiness for the C-UAS fight. We are honored to support the U.S.

Army RCCTO and, together, accelerate warfighter access to these critical capabilities."

Following integration at AV's Directed Energy (DE) manufacturing facility in Albuquerque, New Mexico, the AMP-HEL prototypes underwent rigorous government acceptance testing at Yuma Proving Ground in Arizona to validate performance, mobility, safety, and lethality. Subsequently, Army units performed new equipment training at Fort Sill, Oklahoma to prepare for potential employment of DE capabilities. Soldier feedback from the event is shaping ongoing enhancements to ensure warfighter readiness and operational relevance in dynamic threat environments.

The AMP-HEL prototyping effort is part of the Army's broader modernization initiative to rapidly develop and field DE solutions to defeat a range of threats, including drones and other airborne systems. The integration of laser systems on the lightweight, highly mobile ISV platform reflects a commitment to scalable, adaptable, and expeditionary force protection solutions. Next month, AV is set to deliver the second increment of AMP-HEL—two Joint Light Tactical Vehicles with a 20kW class LOCUST LWS, radar, and command-and-control systems.

"The need for these systems from real world events is clear: the time is now for directed energy to get into the hands of warfighters everywhere and we are confident that LOCUST meets that need," said John Garrity, Vice President of Directed Energy Systems for AV. "AV is committed to supporting the Army's modernization and modularity priorities. We stand ready to meet the mission need through full-scale manufacturing of our LOCUST laser systems, including AMP-HEL and other mobile and fixed-site platforms, to increase lethality and continue to build on our extensively validated reliability and precision tracking and targeting technology to address the evolving threats."

About AV

AV (NASDAQ: AVAV) is a defense technology leader delivering integrated capabilities across air, land, sea, space, and cyber. The Company develops and deploys autonomous systems, loitering munitions, counter-UAS technologies, space-based platforms, directed energy systems, and cyber and electronic warfare capabilities—built to meet the mission needs of today's warfighter and tomorrow's conflicts. With a national manufacturing footprint and a deep innovation pipeline, AV delivers proven systems and future-defining capabilities at speed, scale, and operational relevance. For more information, visit www.avinc.com.

Safe Harbor Statement

Certain statements in this press release may constitute "forward-looking statements" as that term is defined in the Private Securities Litigation Reform Act of 1995. These statements are made on the basis of current expectations, forecasts and assumptions that involve risks and uncertainties, including, but not limited to, economic, competitive, governmental and technological factors outside of our control, that may cause our business, strategy or actual results to differ materially from those expressed or implied. Factors that could cause actual results to differ materially from the forward-looking statements include, but are not limited to, our ability to perform under existing contracts and obtain additional contracts; changes in the regulatory environment; the activities of competitors; failure of the markets in which we operate to grow; failure to expand into new markets; failure to develop new products or integrate new technology with current products; and general economic and business conditions in the United States and elsewhere in the world. For a further list and description of such risks and uncertainties, see the reports we file with the Securities and Exchange Commission. We do not intend, and undertake no obligation, to update any forward-looking statements, whether as a result of new information, future events or otherwise.

View source version on [businesswire.com](https://www.businesswire.com/news/home/20250903650485/en/): <https://www.businesswire.com/news/home/20250903650485/en/>

Media Contact:

Ashley Young
pr@avinc.com
703.718.4060

Source: AeroVironment, Inc.