

AeroVironment Introduces Extended Range Antenna (ERA), Expanding UAS Command and Control up to 40 Kilometers in a Lightweight, Portable Form Factor

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- Cost-effective optional antenna array kit designed to integrate seamlessly with AeroVironment's standard RF head antenna
- Provides operators 100 percent greater controllable range over standard RF head antenna with minimal logistical footprint
- Add-on kit narrows antenna beam width, extending command and control range up to 40 km

SIMI VALLEY, Calif.--(BUSINESS WIRE)--Dec. 10, 2020-- [AeroVironment, Inc.](https://www.businesswire.com/news/home/20201210005292/en/) (NASDAQ: AVAV), a global leader in unmanned aircraft systems (UAS), today announced the introduction of its Extended Range Antenna (ERA), the latest addition to AeroVironment's growing line of network connectivity solutions. The ERA is a lightweight, portable antenna array kit designed to integrate seamlessly with AeroVironment's standard RF head antenna to support a diverse range of missions.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20201210005292/en/>



The ERA add-on kit narrows the antenna beam width, extending the command and control range up to 40 kilometers (24.9 miles) with minimal impact to its size, weight and power (SWAP) footprint. Similar to the standard RF head antenna, the ERA is manually positioned. The included RF Unit switch allows users to toggle between omnidirectional mode, for short-range operations, and extended range mode, for longer-range operations. The ERA supports both M1/2/5 and M3/4/6 Digital Data Link (DDL) operating bands.

By adding the ERA kit to their existing AeroVironment RF antenna, UAS flight operators can immediately expand their operational capabilities, gaining actionable battlefield intelligence at greater stand-off range to maximize their stealth and safety. When used in combination with other AeroVironment network connectivity options, the ERA provides an enhanced level of operational flexibility. This enables teams to coordinate command and control

AeroVironment's new Extended Range Antenna (Photo: AeroVironment)

transfer of UAS, such as Puma LE, easily over greater distances, maximizing the aircraft's multi-mission capabilities, in day or night operations, across dynamically changing environments.

"AeroVironment continues to incorporate direct customer and user feedback into our product development investments to address increasingly complex and dynamic mission requirements," said Rick Pedigo, AeroVironment vice president of sales and business development. "Not only do operators benefit from available options in terms of UAS capabilities, but they can also benefit from a selection of antenna options that are portable, easy to operate and provide extended range and multi-mission capabilities."

Further expanding its connectivity solutions, AeroVironment recently announced updates to its Long Range Tracking Antenna (LRTA), which it now offers in two versions to support M1/2/5 and M3/4/6 DDL frequency bands. AeroVironment's network connectivity product line includes the pocketable, short-range pDDL (5 km), standard RF antenna (20 km), ERA (40 km) and LRTA (60 km) capabilities in both M1/2/5 and M3/4/6 bands.

For more information on AeroVironment's network connectivity solutions, visit www.avinc.com/tuas/network-connectivity.

About AeroVironment Tactical UAS

The [RQ-20A/B Puma™](#), [Puma™](#), [LFRQ-11B Raven®](#), [RQ-12A Wasp®](#), [VAPOR® Helicopter](#), together with [Quantix™ Recon](#) comprise AeroVironment's family of tactical unmanned aircraft systems. This family of systems provides increased capability to the warfighter that gives ground commanders the option of selecting the appropriate aircraft based on the type of mission to be performed. This increased capability has the potential to provide significant force protection and force multiplication benefits to small tactical units and security personnel. AeroVironment provides logistics services worldwide to ensure a consistently high level of operational readiness. AeroVironment has delivered thousands of new and replacement

tactical unmanned air vehicles to customers within the United States and to 50 allied governments.

About AeroVironment, Inc.

AeroVironment (NASDAQ: AVAV) provides technology solutions at the intersection of robotics, sensors, software analytics and connectivity that deliver more actionable intelligence so you can proceed with certainty. Celebrating 50 years of innovation, AeroVironment is a global leader in unmanned aircraft systems and tactical missile systems, and serves defense, government and commercial customers. For more information, visit www.avinc.com.

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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.

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