AeroVironment Unveils Quantix™ Recon, Fully-Automated Hybrid Vertical Takeoff and Landing Unmanned Aircraft System for Defense Applications

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- Quantix Recon delivers on-demand, georeferenced aerial imagery, providing quick visibility for on-site mission planning and verification
- Fully-Automated, hybrid vertical take-off and landing (VTOL) design and radio frequency silent mode enable aircraft to conduct missions undetected
- Powerful onboard processing delivers high-resolution imagery immediately on the included operating tablet upon landing – no other devices, internet or software required

SIMI VALLEY, Calif.--(BUSINESS WIRE)--Apr. 23, 2020-- AeroVironment, Inc. (NASDAQ: AVAV), a global leader in unmanned aircraft systems (UAS), today announced the availability of Quantix™ Recon, a lightweight, rapidly deployable, fully-automated reconnaissance solution that delivers high resolution, georeferenced terrain, vegetation and infrastructure imagery, providing ground forces with on-demand actionable intelligence.

This press release features multimedia. View the full release here: https://www.businesswire.com/news/home/20200423005185/en/

AeroVironment's new Quantix™ Recon, a fully-automated reconnaissance unmanned aircraft system. (Photo: Business Wire)

With its unique hybrid VTOL design, Quantix Recon combines the vertical takeoff and landing advantages of a multirotor drone with the range, speed and efficiency of a fixed-wing unmanned aircraft. Featuring fully-automated flight operation, Quantix Recon surveys up to 1.6 square kilometers (0.6 square miles), or 20 linear kilometers (12.4 miles) per 45-minute single battery flight. Multiple automated reconnaissance mode options allow users to choose between line (route), area and waypoint targeted data capture. Collected aerial imagery data is compatible with a wide range of available geographic information system (GIS) analytical tools to facilitate further analysis.

"AeroVironment's Quantix Recon is a low-cost reconnaissance solution that can be in the air within minutes, capturing high-resolution georeferenced imagery of hard to access areas or dynamically changing environments." said Rick Pedigo, vice president of sales and business development for AeroVironment. "Because it does not rely on radio signals during flight, Quantix Recon offers greater stealth for concealed operations and is unaffected by radio frequency jammers, providing greater protection for frontline troops while reducing cognitive load."

Powerfully simple to use, Quantix Recon is fully-automated and hands-free with five optional flight altitudes, ranging from 150 feet to 800 feet. Simple, automated operation makes Quantix Recon easy for users to vary the coverage area and image resolution to suit their aerial reconnaissance needs.

Quantix Recon is equipped with dual 18-megapixel cameras that can capture both high resolution true color and multispectral georeferenced imagery. Powerful, on-board processing allows users to immediately view the high-resolution geospatial imagery on the included operating tablet as soon as the aircraft lands, requiring no other devices, internet or software. And, through the operating tablet's Quick-Look™ HD app feature, users can pinch and zoom navigation down to centimeter-level ground sampling distance, enabling them to pinpoint and react to critical issues with precision and speed.

To learn more, visit www.avinc.com/Quantix-Recon, or view the recorded Quantix Recon Press Briefing at https://event.webcasts.com/starthere.jsp?ei=1301973&tp_key=30b0e82b7b, using the password "QuantixRecon."

About AeroVironment, Inc.

AeroVironment (NASDAQ: AVAV) provides customers with more actionable intelligence so they can proceed with certainty. Based in California, 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.

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.

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