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AeroVironment Releases New Puma 3, Upgraded for Operation in More Challenging Radio Frequency Environments

March 26, 2018

- Upgraded airframe now accommodates concurrent operation of i45 gimbaled sensor suite and signals intelligence (SIGINT) payloads
- Latest Digital Data Link (DDL) offers M1/M2/M5 and M3/M4/M6 frequency bands and AES-256 encryption
- Complete system of three air vehicles and two ground control stations now transportable in four portable cases

HUNTSVILLE, Ala.--(BUSINESS WIRE)--Mar. 26, 2018-- [AeroVironment, Inc.](#) (NASDAQ: AVAV), a global leader in unmanned aircraft systems (UAS) for both defense and commercial applications, today announced at the AUSA Global Force Symposium (booth 1429) that the company is now taking orders for its new [Puma™3](#) small unmanned aircraft system.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20180326005598/en/>

AeroVironment's enhanced Puma 3 UAS with new upgrades to make it even more powerful and reliable, es ...

AeroVironment's enhanced Puma 3 UAS with new upgrades to make it even more powerful and reliable, especially in the highest risk operations (Photo: Business Wire)

"We are in constant communication with our customers to ensure they have the most innovative and advanced small drones to successfully complete their missions. As a result of their feedback, the new Puma 3 includes air vehicle upgrades for operation in even more rugged environments than before, improved ability

to support advanced third-party payloads and software applications and reliability in challenging electronic warfare/cyber environments where interference is prevalent," said David Sharpin, vice president of AeroVironment's Tactical UAS business.

AeroVironment upgraded the Puma's airframe to enable robust operation of its i45 EO/IR sensor suite with SIGINT payloads in harsh and demanding environments. In addition, the Puma 3 incorporates AeroVironment's latest digital data link (DDL) with security upgrades to support operation in more challenging radio frequency (RF) environments, with M1/M2/M5 and M3/M4/M6 frequency bands and with AES-256 encryption.

Sharpin said that, as part of ongoing efforts to stay at the forefront of battery technology, AeroVironment is releasing a new Puma smart battery that is more efficient and includes safety enhancements. AeroVironment also has optimized the portability of Puma from six transport cases to four, with a flyable configuration in a single transport case that features luggage-type handles. All these upgrades are incorporated while maintaining Puma 3's renowned all-environment capability.

As previously announced, AeroVironment also is developing an upgrade to the RQ-11B Raven, called Raven 3. The upgraded Raven system will incorporate new camera technology into the i23 gimbaled sensor, similar to advancements made to Puma 3 and its i45 gimbal. These upgrades are still in progress and more information on Raven 3 will be available at the AUSA Symposium in October.

About AeroVironment Small UAS

[RQ-11B Raven®](#), [RQ-12 Wasp®](#), and [RQ-20A and B Puma™ 3](#) comprise AeroVironment's Family of Small Unmanned Aircraft Systems. Operating with a [common ground control system \(GCS\)](#), this Family of Systems provides increased capability to the warfighter that can give 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, fixed installations, naval vessels and security personnel. AeroVironment provides logistics services worldwide to ensure a consistently high level of operational readiness and provides mission services for customers requiring only the information its small UAS produce. AeroVironment has delivered thousands of new and replacement small unmanned air vehicles to customers within the United States and to more than 40 international governments.

About AeroVironment

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, tactical missile systems and electric vehicle charging and test systems, and serves militaries, government agencies, businesses and consumers. 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; our reliance on sales to the U.S. government; changes in the timing and/or amount of government spending; changes in the supply and/or demand and/or prices for our products and services; 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, including our most recent Annual Report on Form 10-K and Quarterly Reports on 10-Q. 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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