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## German Navy to Field AeroVironment Puma Unmanned Aircraft System with Mantis i45 Sensor

May 7, 2018

- Puma with Mantis i45 sensor and pocket Remote Video Terminal (p/RVT) greatly enhances naval missions by adding stand-off/intercept, real-time surveillance
- All Environment configuration proven to operate successfully and reliably from naval vessels and able to land in water, float until recovered, and continue immediate operations
- German Navy joins a growing number of allies in fielding a maritime unmanned aircraft system capability, expanding the use of AeroVironment's family of systems

BERLIN--(BUSINESS WIRE)--May 7, 2018-- **ILA 2018** - [AeroVironment, Inc.](#) (NASDAQ: AVAV), a global leader in unmanned aircraft systems (UAS) for both defense and commercial applications, and ESG Elektroniksystem- und Logistik-GmbH, a leading system and software house in Germany for development and service, today announced the German Navy has acquired the AeroVironment [Puma™](#) maritime unmanned aircraft system. The Puma systems will include the [Mantis i45](#) sensor and pocket Remote Video Terminal (p/RVT). AeroVironment partnered with ESG to satisfy the requirement of the Bundesamt für Ausrüstung, Informationstechnik und Nutzung der Bundeswehr (BAAINBw) for an urgent operational requirement.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20180507005290/en/>

AeroVironment's Puma UAS with Mantis i45 Sensor to be fielded by the German Navy (Photo: Business Wi ...

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"Our Puma unmanned aircraft system, equipped with our Mantis i45 sensor suite and pocket Remote Video Terminal, packs significant capabilities into a portable platform that can operate on naval vessels without the need for modifications to the host ship," said Kirk Flittie,

vice president and general manager of AeroVironment's Unmanned Aircraft Systems business segment. "AeroVironment's small UAS have helped transform the way U.S. and allied forces plan, train, equip and operate. Fielding Puma to the German Navy provides rapid and effective force protection as well as interoperability with NATO forces, supporting coalition mission integration."

German Navy adoption of the Puma system marks another step in the growing need for and fielding of UAS for the international surface combatant and coastal craft market. With the Family of Systems (FOS) concept, customers can add other AeroVironment UAS that will augment capabilities and utilize the same ground control station and software for added simplicity and efficiency.

AeroVironment developed the Puma system to win a 2008 United States Special Operations Command (USSOCOM) competitive program of record and subsequently supplied the system to the U.S. Navy Expeditionary Combat Command Coastal Riverine Forces, the U.S. Army for convoy and ground troop support and the U.S. Marine Corps. The Navy procured Puma AE systems for use aboard Patrol Craft and also deployed them on a U.S. Navy Expeditionary Fast Transport (T-EPF) ship in support of counter organized crime operations in the Caribbean. The Puma system is also being deployed by multiple international partners.

The United States Department of Defense established the designation RQ-20B for the block 2 Puma AE small UAS. The block 2 Puma AE system includes a more powerful and lighter propulsion system, lighter and stronger airframe, long-endurance battery, precision inertial navigation system and an improved user interface. The all-environment [Mantis i45 gimbal sensor suite](#) for Puma AE delivers a dramatic leap in small UAS image resolution and ISR capability.

### 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](http://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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Source: AeroVironment, Inc.

AeroVironment, Inc.

Steven Gitlin, +1 (626) 357-9983

[pr@avinc.com](mailto:pr@avinc.com)

or

For AeroVironment, Inc.

Mark Boyer, +1 (310) 229-5956

[mark@boyersyndicate.com](mailto:mark@boyersyndicate.com)