



AV Unveils JUMP 20-X: Revolutionizing Autonomous Maritime Operations with Unmatched Precision and Versatility

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ABU DHABI, United Arab Emirates--(BUSINESS WIRE)--Feb. 16, 2025-- AeroVironment (AV), a global leader in intelligent, multi-domain autonomous solutions, today announced the launch of the **JUMP® 20-X**, a next-generation, modular Group 3 uncrewed aircraft system (UAS) designed to meet the dynamic demands of modern warfare. Setting a new benchmark for autonomous maritime operations, the JUMP 20-X delivers unrivaled versatility, efficiency, and precision in contested and complex environments.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20250217506374/en/>



JUMP 20-X executes a precision landing on a rapidly moving ship (Photo: AV)

advanced heavy-fuel engine capable of running on multiple fuel types, JUMP 20-X enhances operational flexibility, simplifies refueling logistics, and ensures mission adaptability across diverse maritime and expeditionary environments.

Unmatched Endurance, Multi-Domain Connectivity & Scalable Lethality

Built for long-range, multi-domain operations, JUMP 20-X boasts an impressive 13-hour flight endurance and beyond-line-of-sight (BLOS) connectivity, ensuring persistent surveillance and strike capabilities far beyond the horizon. Its modular 30-pound multi-payload capacity is unmatched in its class, supporting a wide range of mission sets, including:

- **ISR (Intelligence, Surveillance, and Reconnaissance)**
- **Synthetic Aperture Radar (SAR) & Wide-Area Surveillance (WAS)**
- **Signals Intelligence (SIGINT) & Electronic Warfare (EW)**
- **Secure Communications & Video Relay**
- **Precision Strike Capabilities with customizable lethality options**

Future-Proofed with MOSA: Modular, Open, Systems, Approach

The JUMP 20-X is built on an open-architecture, payload-agnostic, radio-agnostic, and STANAG-compliant framework, ensuring rapid integration with existing military networks and emerging technologies. This future-proof design enables seamless interoperability across joint, allied, and coalition forces, allowing operators to adapt to evolving mission requirements in real time.

AI-Powered Precision & Autonomous Shipboard Operations

Designed for hands-free operation in highly complex environments, JUMP 20-X leverages AI-powered autonomy to ensure precise takeoff and landing—even on fast-moving ships in rough seas or under extreme conditions, day or night.

Additionally, AV's cutting-edge SPOTR-Edge™ computer vision technology enables automated object detection and classification, enhancing situational awareness and tactical decision-making in real time. From identifying hostile threats to tracking moving maritime and aerial assets, SPOTR-Edge™ provides unparalleled intelligence at the tactical edge.

A New Era in Maritime UAS Operations

Shane Hastings, AV's vice president and general manager of Medium Uncrewed Aircraft Systems, emphasized the transformative impact of JUMP 20-X:

"The JUMP 20-X is more than a UAS—it's a force multiplier that delivers the unmatched versatility, efficiency, and reliability modern operators' demand. By combining cutting-edge autonomy, extended endurance, and a modular design, JUMP 20-X redefines what's possible for maritime and expeditionary UAS operations in the most contested domains."

ABOUT AEROVIRONMENT, INC.

AeroVironment (NASDAQ: AVAV) is a global leader in intelligent multi-domain robotic systems, uncrewed aircraft and ground systems, sensors, software analytics and connectivity. Headquartered in Arlington, Virginia, AeroVironment delivers actionable intelligence so our customers can proceed with certainty. 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,

Unveiled at the 2025 International Defence Exhibition & Conference (IDEX), the JUMP 20-X is a vertical takeoff and landing (VTOL) medium uncrewed aircraft system (MUAS) engineered to revolutionize shipboard UAS operations. With an

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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