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## AV Successfully Flight Tests JUMP 20 VTOL UAS with a Heavy Fuel Engine

June 18, 2024 1:10 PM EDT

*Heavy fuel engine provides JUMP 20 with greater performance, efficient fuel consumption and longer operational lifespan*

ARLINGTON, Va.--(BUSINESS WIRE)--Jun. 18, 2024-- AeroVironment (AV) successfully demonstrated its [JUMP® 20](#) uncrewed aircraft system (UAS) with a heavy fuel engine. The higher horsepower and lower fuel burn rate provided by the heavy fuel engine expands the capabilities of AV's proven JUMP 20 platform. Integration of the heavy fuel engine further establishes the JUMP 20 as a multi-domain multi-mission UAS capable of autonomously operating in challenging conditions.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20240618747057/en/>



AV successfully demonstrated a heavy fuel engine-powered JUMP 20 uncrewed aircraft system (Photo: AeroVironment)

"The addition of a heavy fuel engine to the JUMP 20 provides global forces an unparalleled VTOL solution with a longer operational lifespan, greater performance and efficient fuel consumption. It is well suited for land and sea domains where available fuel sources could be dictated by the respective logistics support plan," said

Shane Hastings, AV's vice president and general manager of Medium UAS. "Heavy fuel compatibility continues to be a strong requirement for many customers, and we've made great strides in making our proven JUMP 20 fully compliant with these requirements."

AV's JUMP 20 is a vertical take-off and landing (VTOL), fixed-wing UAS with 13+ hours of endurance and an operational range of 185 km (115 mi). The engine is purpose-built for uncrewed systems and capable of running on multiple fuels and gasoline. With over 15 hp output, the high endurance, minimal fuel burn engine also requires less frequent maintenance cycles and overhauls. It is lighter than traditional gasoline engines and has an auto-start capability that delivers customers a simplified UAS requiring less operator engagement to operate and sustain.

"With successful test flights under our belt, AV is excited to continue system testing and further optimizing JUMP 20 with heavy fuel capabilities. This milestone further demonstrates AV's ability to deliver highly mature and reliable systems capable of working in the most extreme environmental conditions," continued Hastings.

### ABOUT AEROVIRONMENT

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](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; 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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