

AEROSONDE® 4.8 HQ FTUAS



The Aerosonde® Uncrewed Aircraft System (UAS) is a combat proven aircraft with 650k hours of mission support in some of the world's most challenging environments. Purpose-built to meet the U.S. Army's Future Vertical lift requirements, The Aerosonde Mk. 4.8 Hybrid Quad (HQ) FTUAS has enhanced flexibility with a runway-independent configuration that uses Hybrid Quadrotor technology to achieve vertical takeoff and landing (VTOL). With its expanded size, weight and power (SWAP) profile, the system can execute the Army's Brigade Combat Team's Aerial Reconnaissance missions while retaining its two-soldier portability that enables rapid system movement by UH-60 Helicopters or tactical vehicles.

[TextronSystems.com](https://www.textron.com)



TEXTRON Systems

► PUSHING PAST POSSIBLE

DESIGNED FOR THE FUTURE – READY TODAY

With more than 30 years of uncrewed aircraft experience, Textron Systems has supported numerous programs of record for the DoD and accumulated over 3 million flight hours. Combined with the Aerosonde system's proven performance and benchmark-setting reliability, the Aerosonde Mk. 4.8 HQ brings unparalleled levels of mission capability and flexibility. We continue to successfully provide reliable UAS solutions to our U.S. troops and their allies in support of military operations across the globe.

FEATURES & BENEFITS

Building on the system's success as part of the Future Tactical UAS (FTUAS) program's Increment 0 effort, the Aerosonde Mk. 4.8 HQ addresses critical warfighter needs with:



SIMPLIFIED LOGISTICS & USABILITY:
expeditionary system with small footprint



MODULAR OPEN SYSTEM APPROACH (MOSA):
simplifies technology refresh, incorporates innovation, enables cost savings/cost avoidance



TRANSPORTABILITY:
requires only two soldiers to carry cases and assemble the aircraft



RAPID EMPLACEMENT:
entire UAS can be assembled and launched in under 30 minutes



HEAVY FUEL ENGINE (JP-8):
improves logistics and removes need to transport additional ground support equipment

SPECIFICATIONS



TAKEOFF WEIGHT
205 lbs



ENDURANCE
14-hrs



CEILING
>15,000 msl.



PAYLOAD
50-lbs available



Optimized for rugged austere environments



Heavy fuel engine minimizes logistics



2-soldier portability