

AIR

AEROSONDE[®]

MK. 4.7 VTOL UAS

EXPANDED SIZE, WEIGHT AND POWER (SWAP) PROFILE

The Aerosonde Small Uncrewed Aircraft System is logging thousands of operational hours per month in some of the world's most challenging environments. With its expanded size, weight and power (SWAP) profile, the system can execute day-and-night imaging, communications relay, signals intelligence and an additional customer-selected payload in a single sortie.



RUNWAY-INDEPENDENT

PROVEN PERFORMANCE

Today, Textron Systems has enhanced the system's flexibility even further with the Aerosonde Mk. 4.7 VTOL UAS, a runway-independent configuration that uses Hybrid Quadrotor technology to achieve vertical takeoff and landing (VTOL). Combined with the Aerosonde system's proven performance and benchmark-setting reliability, the Aerosonde Mk. 4.7 VTOL brings unparalleled levels of mission capability and flexibility. The Aerosonde UAS has accumulated over 700,000 hours in operational flight. That experience continues with the Aerosonde Mk. 4.7 VTOL UAS, which combines proven multi-mission performance and reliability with the flexibility of VTOL capability.

SOLUTION OFFERINGS

Textron Systems sustains its UAS through AS9100-certified manufacturing & support processes, proven field operations, on-site training backed by relationships to accredited academic institutions, and flexible business models to meet a variety of customer requirements and budgets, including:

- > Turnkey Fee-for-Service (FFS) capabilities, rapidly deployable with global reach
- > System sale and lease options, including foreign military sales
- > Hybrid options with customer training concurrent with FFS operations
- > ITAR and Non-ITAR Options

FEATURES & BENEFITS



VTOL - reduced operational footprint and transportation loadout



Multi-INT capable in a single sortie



From transport to flight in less than 20 minutes (min. crew: 3)



More than 12 different FMV sensors available



Proven heavy-fuel engine including JP-5, JP-8, F44, Jet-A, and Jet-A1



Aircraft and all transport cases two person lift



Open Source Architecture for customer-defined payload options, such as:

- > FMV + SAR + AIS + ADS-B
- > FMV + Wide-Area Search + GPS Anti-Jamming
- > Mapping & Surveys + GNSS + MANET
- > Over 40 payloads available



The Aerosonde Mk. 4.7 VTOL adds to the proven system's SWAP advantage with improved expeditionary capability.



Textron Systems' skilled operators and maintainers provide turnkey FFS operations around the world.



Aerosonde UAS have flown more than 700,000 flight hours in some of the most demanding environments on the planet.

SPECIFICATIONS



CEILING
10,000 ft



MAX ENDURANCE
9 hrs



PAYLOAD CAPACITY
23 lbs



RANGE
140km Electronic LOS

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SCAN FOR
PRODUCT DETAILS

