



AEROSONDE[®] HQ SUAS

The Aerosonde Small Unmanned 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. Today, Textron Systems has enhanced the system's flexibility even further with the Aerosonde HQ, 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 HQ brings unparalleled levels of mission capability and flexibility.

TEXTRON Systems

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GET VERTICAL

RUNWAY-INDEPENDENT, PROVEN PERFORMANCE

The Aerosonde SUAS is amassing thousands of flight hours monthly for customers around the world. That experience continues with the new Aerosonde HQ SUAS, which combines proven multi-mission performance and reliability with the flexibility of VTOL capability.

SOLUTION OFFERINGS

Textron Systems supports its UAS with skilled operations, on-site training and flexible business models to meet customer needs and deliver capabilities with speed and agility. These include:

- Turnkey fee for service (FFS), deployed around the world often in less than 90 days
- System sales with support
- Hybrid operations, with customer training concurrent with FFS

These options get capabilities to the customer with speed and agility.

FEATURES & BENEFITS



Proven Lycoming EL-005 heavy-fuel engine



Single 463L pallet expeditionary system



Unpacked and airborne in less than 20 minutes with a crew of four



TASE400 payload capable



Multi-INT (EW and communications relay) payloads in a single flight



Additional modular volume available for customer-specific payloads



Confined launch and recovery without pre-positioned launch and recovery equipment

SPECIFICATIONS



TRANSITION ALTITUDE
50-150 ft above ground level



ENDURANCE
10-hr with multi-INT payload



SERVICE CEILING
10,500 ft density altitude with multi-INT payloads



AIRSPEED
45-65 kt



The Aerosonde HQ adds to the proven system's SWAP advantage with VTOL capability.



The purpose-built Lycoming EL-005 heavy-fuel engine delivers benchmark-setting reliability.



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

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