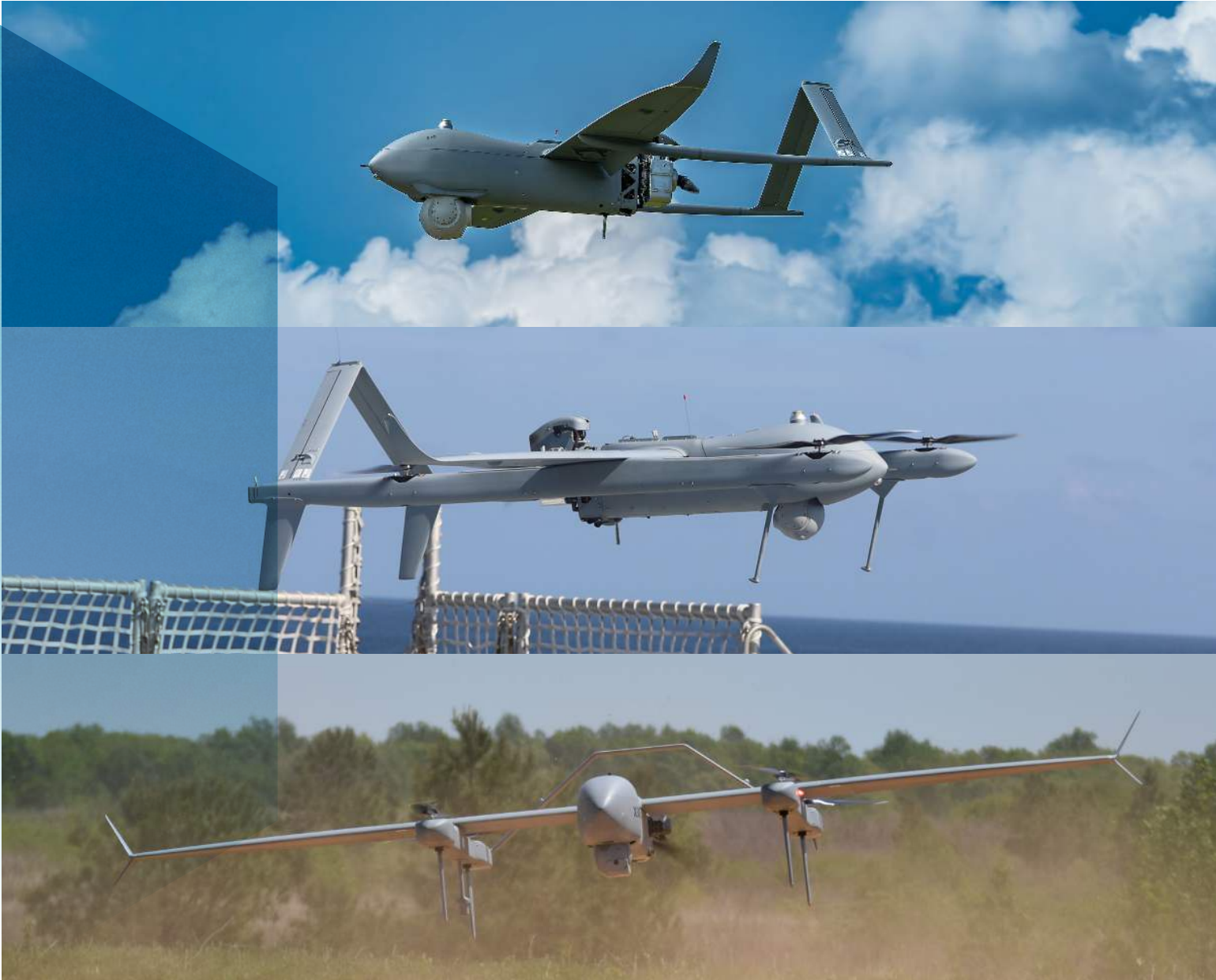


AEROSONDE[®] UAS FAMILY OF PRODUCTS



Backed by over 700,000 flight hours supporting U.S. DoD and Allied missions, Textron Systems' Aerosonde[®] family of Uncrewed Aircraft System (UAS) products deliver unmatched performance and reliability. Our platforms offer unmatched multi-mission capability, equipped for simultaneous day/night full-motion video, communications relay, signals intelligence and a customer-selected payload in a single flight. With multiple fixed-wing and vertical takeoff and landing (VTOL) configurations available, our systems are ready to support missions wherever they may lead.

We also offer turnkey, contracted uncrewed intelligence, surveillance and reconnaissance (ISR) services with our systems, operators and trainers. Our hybrid approach provides hands-on training for customer staff while we launch operations.

TextronSystems.com



TEXTRON Systems

► PUSHING PAST POSSIBLE

FIXED WING CONFIGURATIONS

Our Aerosonde® fixed-wing UAS configurations boast high endurance and payload capacity, while maintaining low auditory and visual signatures, enabling a wide variety of covert operations. Leveraging an easy-to-use automated launch and recovery system (LRS) for constrained land and shipboard operations, our fixed-wing systems are ready to go in any environment.



AEROSONDE MK 4.7 FW UAS

Our Aerosonde Mk. 4.7 fixed-wing UAS offers benchmark-setting reliability and multi-mission performance in a class of its own.



AEROSONDE MK 4.8 FW UAS

With an increased size, weight and power (SWAP) profile, the Aerosonde Mk. 4.8 fixed-wing UAS brings enhanced mission flexibility and capability.

SPECIFICATIONS

CHARACTERISTIC	MK. 4.7 FIXED WING	MK. 4.8 FIXED WING
Payload Capacity	Up to 32 lbs	Up to 39 lbs
Max Endurance	18.3 hr	17.2 hr
MGTOW	93 lbs	120 lbs
Service Ceiling	15,000 ft	17,400 ft
Airspeed	42-65 kt	47-70 kt



WINGSPAN
14.45 ft



RANGE
75 nm



DATALINKS
L, S, C



MAX TAKEOFF ELEVATION
10,000 ft

VTOL CONFIGURATIONS

Our Aerosonde® VTOL UAS configurations offer enhanced mission flexibility with vertical takeoff and landing capabilities, eliminating the need for additional launch/recovery equipment. Our VTOL systems can be assembled and launched in under 30 minutes with the ability to land for fuel, swap payloads and re-launch in a matter of minutes. These features, paired with seamless command and control transition capabilities, provide an expeditionary edge in the field, especially for on-the-move missions.



AEROSONDE MK 4.7 VTOL UAS

Combined with our Aerosonde system's proven performance and benchmark-setting reliability, the Aerosonde Mk. 4.7 VTOL UAS brings unparalleled levels of mission capability and flexibility.



AEROSONDE MK 4.8 VTOL UAS

The Aerosonde Mk. 4.8 VTOL UAS is runway independent, bringing enhanced flexibility through Hybrid Quadrotor technology to achieve vertical takeoff and landing. Its size, weight and power (SWAP) profile are optimized for expeditionary aerial reconnaissance missions while retaining its two-soldier portability.

SPECIFICATIONS

CHARACTERISTIC	MK. 4.7 VTOL	MK. 4.8 VTOL
Payload Capacity	Up to 23 lbs	Up to 45 lbs
Wingspan	14.45 ft	17.03 ft
MGTOW	118 lbs	215 lbs
Max Endurance	9 hr	14.9 hr
Service Ceiling	10,000 ft	15,000 ft
Datalink Bands	L, S, C	L, S, C, KU

MISSIONS AND PAYLOAD CONFIGURATIONS

Our Aerosonde® UAS offers superior multi-mission capabilities with up to six payload integrations in a single flight. With over 40 payloads available, the Aerosonde is well suited to support a wide variety of missions in a single sortie. The systems' open architecture approach offers rapid payload integration, improving mission readiness and interoperability.

PAYLOAD CAPABILITIES

- > Full-Motion Video (FMV) and day/night imaging
- > Maritime Wide Area Search (MWAS)
- > Synthetic Aperture Radar (SAR)
- > Automatic Identification Systems (AIS)
- > Automatic Dependent Surveillance-Broadcast (ADS-B)
- > Electronic Warfare (EW)
- > Signals Intelligence (SIGINT)
- > Communications Intelligence (COMINT)
- > Light Detection and Ranging (LiDAR)
- > 3D mapping (Multi-Spectral)
- > Voice communications relay
- > Ad-hoc networking (MANET)
- > Anti-Jam/APNT



BLACKSTONE FACILITY

Our Aerosonde Center of Excellence located in Blackstone, VA is a 38,000 sq ft. facility that covers the full product life cycle of the Aerosonde UAS from production and assembly, to testing and training. Staffed with dedicated instructors, we provide both classroom and flight-line training on-site. Our courses cover Aerosonde familiarization, crewmember qualification and maintenance certification. Home to a global logistics hub, this facility also handles shipping, receiving and quality inspection.