

# AEROSONDE<sup>®</sup> SUAS



# AIR

Textron Systems' Aerosonde Small Unmanned Aircraft System (SUAS) offers superior reliability and multi-mission performance in its class. Our skilled operators and maintainers are delivering thousands of flight hours monthly with the Aerosonde SUAS for customers around the world. Designed for expeditionary land- and sea-based operations and equipped for simultaneous day/night full-motion video, communications relay, signals intelligence and a customer-selected payload in a single flight, the Aerosonde SUAS delivers reliable, multi-mission performance in a class by itself.

[TextronSystems.com](http://TextronSystems.com)



**TEXTRON** Systems

► PUSHING PAST POSSIBLE

# MULTI-MISSION CAPABILITY, EXPEDITIONARY SIZE AND WORLD-CLASS RELIABILITY – ON LAND AND AT SEA

Textron Systems' Aerosonde SUAS is field-proven over more than 500,000 flight hours, including desert heat and Arctic cold. Equipped for day/night full-motion video, communications relay, signals intelligence and a customer-selected payload in a single flight, the aircraft offers up to 200 watts of payload power for true multi-mission flexibility. We couple that capability with numerous business models including full system sales with training services, turnkey fee-for-service operations, and a hybrid business model that includes hands-on training during operations.

## SIZE, WEIGHT & POWER OPTIMIZATION



**PAYLOAD**  
20 LB (9.1 KG),  
OR 200 W



**MAX TAKEOFF ELEVATION**  
8,000 ft (2438 m)



**MAX WINGSPAN**  
11.9 ft (3.6 m)



**UHF-, L-, S- and C-BAND CAPABILITY**



**CEILING**  
15,000 ft (4,572 m)  
density altitude



**WEIGHT**  
80 lb (36.4 kg)



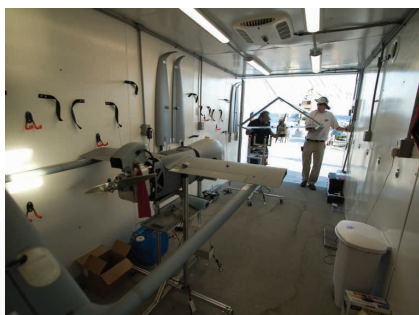
**RANGE**  
140 km (75nm)



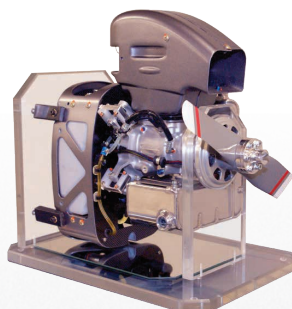
**ENDURANCE**  
14+ hr

## FLEXIBLE CONFIGURATIONS

- > Expeditionary Ground Control Station with on-the-move command-and-control capability
- > Easy-to-use launch and recovery trailer for constrained land and shipboard operations
- > Mobile hub configuration fits in a small cargo van for on-the-move situational awareness
- > Covert operation, with negligible visual and auditory signature
- > Roll-on, roll-off capability with a small footprint
- > Optional VTOL Kit



Highly portable configurations accommodate a range of operational concepts.



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



A small footprint enables efficient maritime operations with no ship alterations.