

SHIPBOARD ISR SERVICES

TEXTRON Systems

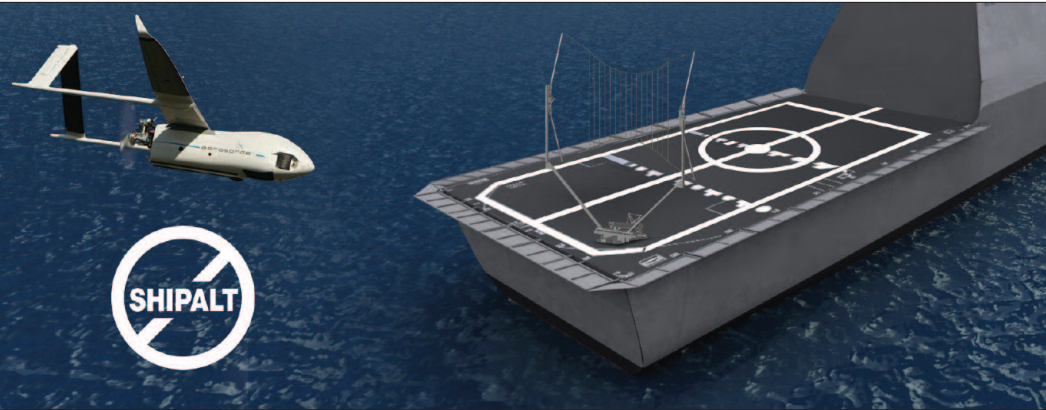


Redefining Expeditionary

- Multi-mission capable Aerosonde® Unmanned Aircraft System offers open architecture and payload flexibility for special operations, amphibious operations, anti-surface warfare and counter-piracy missions
- Intelligence, surveillance and reconnaissance (ISR), both day and night, from one gimbal
- Small footprint ideally suited to DDG FLT I/IIA applications
- No hazard to ship or crew during launch and recovery



AAI'S UAS ISR SERVICES FOR THE NAVY



AAI offers:

- A UAS solution requiring no ship alterations (SHIPALT)
- A safe flight deck environment for aircraft launch and recovery
- A common UAS intelligence, surveillance and reconnaissance (ISR) solution for the U.S. Navy, Marine Corps and Special Operations Command
- A proven track record, providing UAS services in theater while setting operational tempo (OPTEMPO) records and sustaining unprecedented system mission availability
- A quality ISR product, with a small footprint ideally suited to DDG FLT I and IIA operations
- A robust network of systems and operators to respond to immediate demand

AAI has decades of UAS experience and rapid technology insertion to provide ISR services for both land and sea operations. The Aerosonde UAS is an expeditionary solution that satisfies Navy, Marine Corps and Special Operations Command ISR requirements.

AAI can bring its decades of rich UAS experience to the Navy. With demonstrated experience supporting tactical operations within multiple theaters, AAI's government-owned, contractor-operated, or GOCO, teams have achieved award-winning OPTEMPO records for their tactical UAS (TUAS) operations. Additionally, AAI's performance based logistics program has maintained deployed TUAS with an average demonstrated system availability of more than 95 percent during more than 700,000 flight hours, the majority of which were combat field operations. Typical aviation platforms, manned or unmanned, operate at approximately 80-85 percent availability.

The Aerosonde small UAS redefines expeditionary. Its light weight, ease of transport, combined electro-optic/infrared (EO/IR) payload and open architecture make it the most affordable choice for the Navy's ISR services program.

AAI's Aerosonde ship-based system, with its heavy fuel engine propulsion solution, is ideally suited for DDG FLT I/IIA compatibility. The aircraft's small size enables single-person handling on deck and allows the launch and recovery systems to maintain a small footprint compatible with the unique space constraints aboard ship.



Aerosonde® conducting shipboard flight operations and launch



Aerosonde conducting shipboard flight operations, making a precision approach



Aerosonde demonstrating shipboard Soft Hands® recovery



Specifications

DDG FLT I/IIA compatibility

- Aerosonde aircraft with heavy fuel engine
- Maneuverable launch and recovery system
- Small footprint

Professional UAS operators

- Deliver ISR products when needed

One-piece launch and recovery system

- Foundation based on combat-proven, mature Shadow® TUAS launcher and updated for the Aerosonde system
- Single launch and recovery package
- Quick emplacement and displacement with small crew

Quality ISR product in small package

- Day and night combined EO/IR capability in a single gimbal for maritime domain awareness

Joint interoperability service provider

- Solutions for both land and sea
- Focused on the needs of the warfighter

Integrated logistics support

- Lower life cycle cost

For additional information, please contact:

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