AeroVironment’s innovative Blackwing is a small, Unmanned Aircraft System (UAS) that delivers rapid-response Intelligence, Surveillance and Reconnaissance (ISR). The system can be deployed from an underwater submarine using an underwater-to-air delivery canister or ship surface/mobile ground vehicle via tube or Multipack Launcher (MPL). Blackwing incorporates an advanced, miniature Electro-Optical and Infrared (EO/IR) sensor and provides operators with real-time video for information gathering and feature/object recognition.

**KEY FEATURES**

- **Rapid Launch—Rapid-Response ISR**
- **Weight: 4 lb**
- **Launch method—underwater-to-air delivery canister, tube, MPL**
- **Tactical Data Relay—UAS to UUV**
- **Able to assess Below Line of Sight targets**
- **Modular payload**
- **Integrated EO/IR sensors—day/night operations**
- **Observables—very low visual, thermal, and acoustic signatures**
- **Comms—DDL-Joint, Interoperable, Encrypted, Wideband**

**Dimensions**

- **Diameter:** 3 in (7.62 cm)
- **Length:** 19.5 in (49.5 cm)
- **Wing Span:** 27 in (68.6 cm)

**Launch Methods**

- **Submarine Launch**
- **Shipboard Launch via MPL**