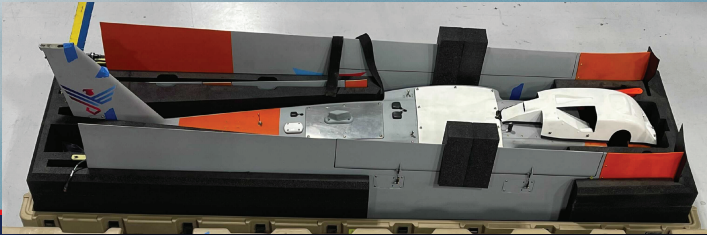




# AiRanger™ Unmanned Aircraft



Medium Altitude | Long Endurance | Multi-Mission

## SPECIFICATIONS:

- Wing Span:** 18.6 ft
- Length:** 10 ft
- Endurance:** 15 + hours (configuration dependent)
- Service Ceiling:** 15,000 ft
- Speed (dash/typ. cruise/min):** 100kts / 50-75 kts / 50 kts
- Engine Power:** 8.2 hp
- Maximum Takeoff Weight:** 220 lbs
- Empty Weight:** 145 lbs
- Max. Payload Weight:** 75 lbs (Payload + Fuel)
- Payload Bays:** Fuselage and wing hard points
- Launch/Recovery:** Lightweight catapult / belly skid landing
- Onboard Power:** 1,150 + watts (600 watts available for payloads)
- Communications:** Line of sight (LOS), Beyond-line-of sight (BLOS), Global BVLOS (SATCOM + LTE)



## AAISR is the OEM and systems integrator of the AiRanger™ long endurance UAS

- Complete systems available including aircraft, launcher, GCS, Sensors/integration, training, service and support
- Multi-sensor capable (Mapping, ISR, Oil Spill, OGI, LiDAR, WAMI)
- Low acoustic signature
- Runway independent takeoff and landing, suitable for a wide range or mission environments
- Type Certification Applicant with Detect and Avoid Technology for commercial BVLOS Operations



## for more information:

**American Aerospace Technologies, Inc.**

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