



ORION

Medium-Altitude
Long-Endurance
Unmanned Aircraft

MULTI-DOMAIN ISR - COMMUNICATIONS NODE

Orion is a medium-altitude persistent Unmanned Aircraft System (UAS) with unmatched endurance, range, payload, mission capacity, affordability and flexibility.

KEY ATTRIBUTES

- Ultra-long mission duration and reach provide increased Time on Station (TOS) and lower sortie generation rate, reducing the number of bases needed for worldwide operations
- Remote split operations allow reduced deployed crew and majority of mission manning in CONUS
- U.S. Air Force certifiable and interoperable system
- Autonomous take-off, landing, fault and contingency management system
- Large payload capacity distributed in two primary payload bays and two wing hardpoints
- Reliable twin engine and triplex flight controls + power electronics
- Previously unreachable areas are now accessible

CAPABILITY AND PERFORMANCE

Endurance	120 hrs
Range	2,500 nm
Payload	2,800 lbs
Payload Power	Up to 5.6 kW
Common Payloads	ISR, Communications
Altitude	Up to 25,000 ft
Weather	All types