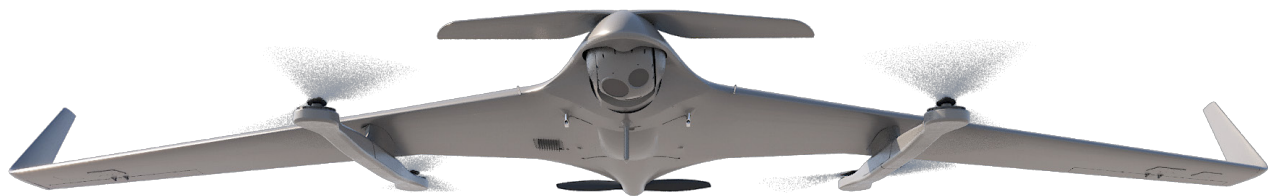


ORBITER 3[®] VTOL

Tactical UAS



AERONAUTICS™



TACTICAL UAS

Combat-proven Fixed-Wing UAS: A fully electric and runway-independent system with advanced Group 2 capabilities. Superior ISTAR performance and operational flexibility in challenging weather conditions that features high payload capacity, extended endurance, and a compact logistics design.





Applications & Payloads

- EO/IR with optional Laser pointer/designator/rangefinder
- IFF Capability
- Communication Intelligence (COMINT)
- Electronic Intelligence (ELINT)
- Electronic Warfare (EW)
- Synthetic Aperture Radar (SAR)
- Maritime Patrol Radar (MPR)
- Integrated AI Capability

Main Features

- Highly transportable vehicle-mounted system
- Small logistic footprint | highly transportable | rapid assembly & turnaround
- Low silhouette, silent flight, designed for covert operations
- AES-256 Encrypted Data-Link
- Vehicle control station - Optional
- Advanced Navigation capability | fully operational in GPS-denied areas
- Operability in harsh weather conditions, under-cloud base
- Designed to meet airworthiness standards CAAI, STANAG 4703 and STANAG 4609
- Automatic takeoff and recovery with launcher and parachute or VTOL

Specifications



MTOW
35 kg



Payload weight
Up to 6 kg



Encrypted Datalink Range
LOS up to 150 km



Endurance
Up to 10 hrs



Wingspan 4.4 m
Length: 1.5 m



Speed
50 kts



Service Ceiling
11,000 ft.



YOUR EDGE IN THE FIELD