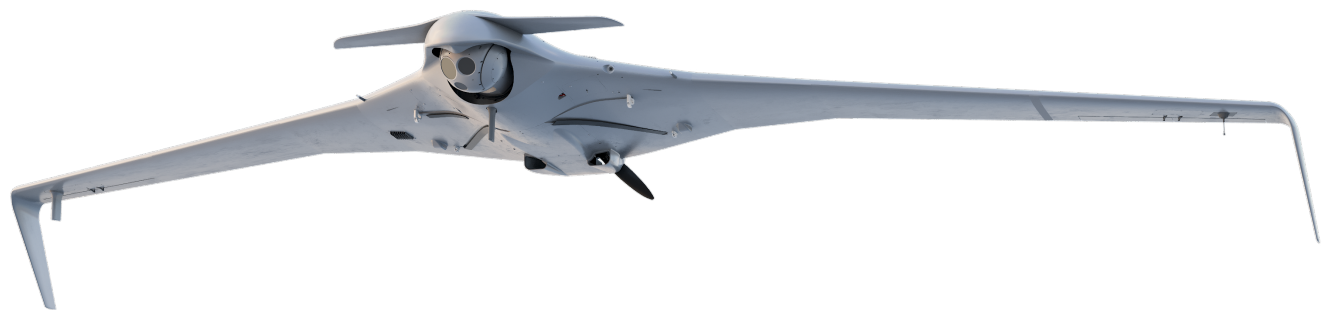
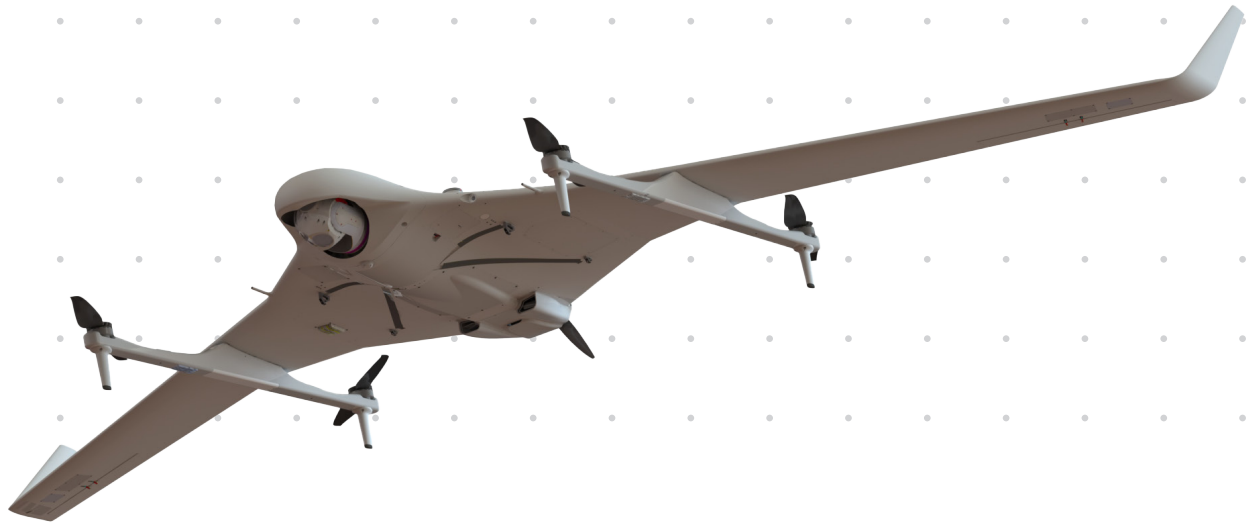


ORBITER 4/VTOL[®]

TACTICAL UAS



AERONAUTICS™



Combat-proven, ORBITER 4, offers excellent multi - mission performance for a **variety of ISTAR missions**. Incorporating Group 4 ISR capabilities within runway-independent Group 2 logistic footprint and offers long endurance and full redundancy.

The ORBITER 4 is a long-range Group 3 Tactical UAS that can carry **multiple payloads simultaneously**.

The ORBITER 4 can take-off and land in 2 configurations:

- With VTOL KIT for logistic & operation flexibility
- With launcher & parachute for longer missions

Specifications



MTOW
55 kg



Full Redundancy
Avionic System



Wingspan 5.2 m
Length 2.2 m



Payload Weight
Up to 12 kg



Applications & Payloads

- Multi Payload capabilities
- EO/IR with Laser pointer/rangefinder/designator
- Automatic Identification System (AIS)
- Wide Area Motion Imagery (WAMI)
- Synthetic Aperture Radar (SAR)
- Maritime Patrol Radar (MPR)
- Communication Intelligence (COMINT)
- Electronic Warfare (EW)
- Capable to integrate user payloads



Main Features

- Advanced Navigation system | fully operational in GPS-denied areas
- Operability in harsh weather conditions, under-cloud base
- Low silhouette, silent flight, designed for covert operations
- Advanced image processing capabilities
- Operational versatility and flexibility
- Small logistic footprint | Vehicle-mounted highly transportable rapid assembly & turnaround
- Automatic takeoff and landing with VTOL kit. Launch and recovery with launcher and parachute
- 6 Autonomous flight modes
- Full redundancy avionics & sensors
- Capable to carry 2 Payloads simultaneously
- AES-256 Encrypted Data-Link primary & secondary uplink
- Relay Data-Link mode
- Designed to meet airworthiness standards CAAI, STANAG 4703 and STANAG 4609



Encrypted Datalink Range
LOS 150 km or BLOS



Maximum Speed
70 kts



Endurance
Up to 24 hrs
(12 hrs with VTOL KIT)



Encrypted
AES-256 Datalink



Takeoff/Landing
VTOL KIT or Launcher/
Parachute



Service Ceiling
18,000 ft.



YOUR EDGE IN THE FIELD