

ORBITER® 3

Small UAS



AERONAUTICS™

YOUR EDGE IN THE FIELD

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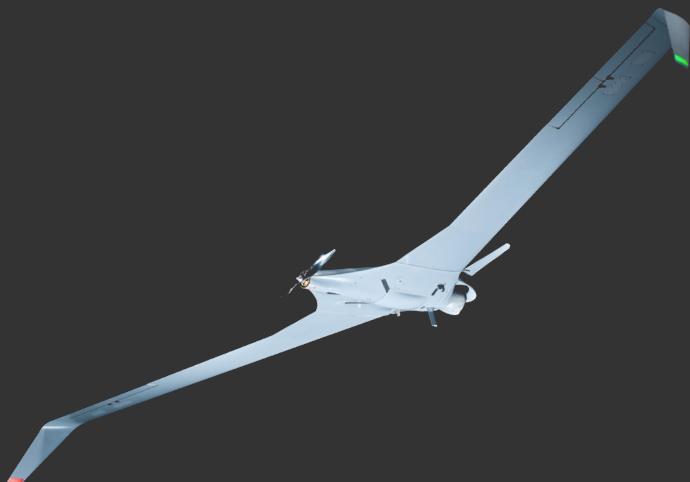
Small UAS

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/Cooled IR with Laser Target Designator (LTD) | Laser pointer/rangefinder
- » Wide Area Motion Imagery (WAMI)
- » Communications Intelligence (COMINT)
- » Electronic Intelligence (ELINT)
- » Electronic Warfare (EW)
- » Built-in user payload capability for future integration



Main Features

- » Increased payload capacity and variety
- » Advanced image processing capabilities – VMD & 3D Models
- » Enhanced digital datalink – long LOS range | Relay | AES-256 | hopping |secondary uplink
- » Advanced flight control & precision navigation system (in GPS-denied areas)
- » Operability in harsh weather conditions, under-cloud base
- » highly transportable | rapid assembly & turnaround
- » Upholds airworthiness standards – CAAI, STANAG 4671 and 4609 | IFF

Characteristics

MTOW
32 kg

Size: Wingspan
4.4 m | Length: 1.2 m

Maximum Endurance
up to 6 hrs

Datalink
LOS up to 50 km

Payload weight
up to 5.5 kg

Maximum speed
70 kts

