



The evolution of WaveAerospace’s all-electric X-5A platform, the Nyx aircraft. Purpose-built for ISR and RIF. *See what no one else can, when and where no one else can go.*

The RF and magnetically shielded Nyx can carry out missions with or without real-time communications, capable of autonomous operations in complete darkness and radio silence. All data is encrypted and stored on the aircraft or transmitted simultaneously in real time.

Payload agnostic, the Nyx carries a variety of passive and directionally isolated sensors. BVLOS operations and 60-minute flight time allow shrewd tactical vectors inbound and outbound of deep incursion.

WaveAerospace designs and builds unmanned aerial systems that conduct critical missions when other aircraft can’t fly due to weather or other environmental conditions. Don’t let the weather dictate your operations. *Keep your eyes on the target when no one else can even see.*

Nyx Aircraft Abilities:

- Extreme weather, high-wind VTOL
- “Dark” emission-free operation
- Low-level, terrain tracking
- On-board optical recognition engine
- Shielded, low radar cross section

Mission Profiles:

- Dark ISR and RIF
- Embedded, all-weather recon
- Low-level, terrain tracking
- Targeted electronic jamming
- HALO drop enabled

X-5A Nyx Performance Highlights:

All-electric power system

Maximum Mission Duration: up to 60 minutes

Standard Service Ceiling: 5000 meters MSL

All-weather BVLOS operations

Aircraft dimensions: ~1.5 meters

On board person and vehicle recognition & tracking

Payload agnostic



WAVE EROSPACE



Huntress II Turbojet Performance Highlights:

- Hybrid electric/fuel power system (Jet-A1/JP-8)
- Maximum speed (Vne): Mach 0.3 to 0.4
- Maximum take-off weight (MTOW): 130 kg
- Maximum Payload: 50+ kg Depending on fuel load
- Maximum Wind: Force 10 ocean conditions
- Dimensions: ~4 meters span
- Maximum Mission Duration: 120 minutes
- Standard Service Ceiling: 6000 meters MSL