

ABOUT US

The world leader in unmanned aerial systems.

We invent and pioneer modern solutions for military, security, governance, environmental operations and more.

We support our customers with the greatest medium-altitude and small unmanned aircraft systems, and cutting-edge mission payload and exploitation technologies.

OUR MISSION

Provide persistent, versatile, affordable airborne surveillance and effects, and turn surveillance data into actionable intelligence.

Sledgehammer

PERSISTENT ELECTRONIC ATTACK POD

Sledgehammer delivers advanced electronic support and information operations capabilities, extending mission effectiveness across the battlefield. Operating from the wing of an unmanned or manned aircraft, it detects, disrupts, and denies adversary communications and command-and-control networks while enhancing situational awareness in contested environments. Acting as both shield and spear, Sledgehammer protects against electronic threats while enabling targeted effects against hostile systems. This one-of-a-kind pod expands access to low-density, high-demand electronic warfare assets, allowing operators to control the electromagnetic spectrum and act with a decisive advantage.

Sledgehammer

PERSISTENT ELECTRONIC ATTACK POD

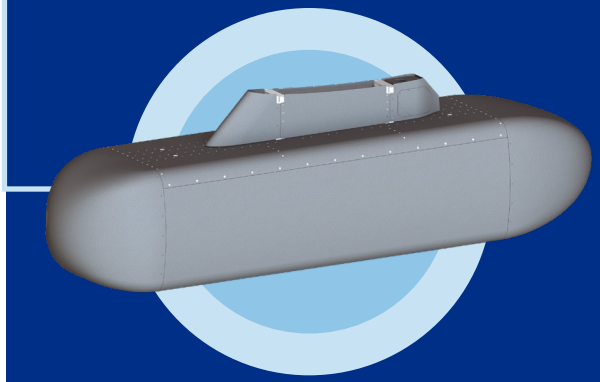


CHARACTERISTICS

DIMENSIONS
125" x 29" x 25"
3.18m x 0.74m x 0.64m

WEIGHT
600 lb/272 kg

POWER
115 VAC, 11.5 vA



FEATURES / BENEFITS

- Augments low-density, high-demand electronic attack assets with a persistent presence
- Supports legacy and modern communication bands
- Provides a variety of attack techniques and vectors to ensure successful denial, degradation, and delivery of information operations messaging
- Radio frequency front end allows users to introduce new electronic attack processors with relative ease and flexibility

MISSION SETS

- Electronic Warfare
- Information Operations

CORE METHODS OF ELECTRONIC ATTACK

NOISE JAMMING
- Overwhelms adversary sensors with electronic noise to deny target detection

DECEPTION JAMMING
- Creates false targets and misleading signals to disrupt enemy tracking and targeting

DIGITAL RADIO FREQUENCY MEMORY
- Captures, modifies, and retransmits radar signals to spoof and confuse threat systems

SIGNAL MASKING
- Reduces platform detectability by masking signatures within the electromagnetic environment

ELECTRONIC SUPPORT MEASURES
- Passively detects, identifies, and geolocates hostile emitters for enhanced threat awareness

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SCAN TO LEARN MORE

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Enabling Information Dominance