Optimized Strike Effectiveness Through Drone Swarming

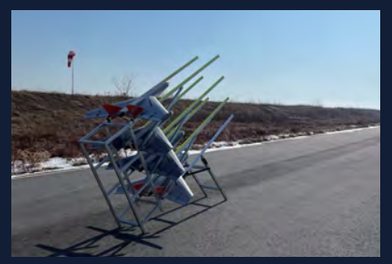
PabloM S10s overwhelms the enemy through simultaneous or staggered salvo strikes from multiple angles, neutralizing the enemy position in any battlefield scenario.

Rapidly Swappable Modular Mission Equipment

PabloM S10s is developed based on the K-MOSA (Korean Modular Open Systems Approach) concept.
Its modular equipment allows for rapid replacement and integration of optimized and available parts, ensuring a high adaptability in diverse environments.

Low Cost & Rapid Mass Production

PabloM S10s is designed using widely-available foam-board material, ensuring efficient and stable procurement of parts. The design of the drone frame enables streamlined modification, part manufacturing, and assembly, making it ideal for fast and large-scale production.



PABLO AIR

Web pabloair.com
E-MAIL defense@pabloair.com

PABLO AIR

Introducing the PabloM
S10s

PabloM

HORNETS

PabloM is PABLO AIR's line of defense drone system that uses our proprietary swarm combat system, with “M” representing Military.The "Hornet" drones are inspired by the overwhelming swarm formation and aggression of hornets.

PabloM's Hornets Series is the pinnacle of PABLO AIR's cutting-edge technology. By enabling simultaneous and staggered strikes on a single or multiple targets, it delivers exceptional performance on any battlefield.

Swarm Drone Combat System

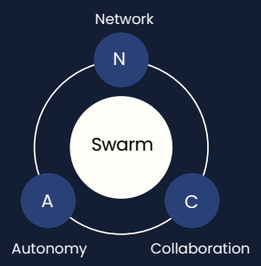
Integrated Operation of Swarm Reconnaissance (R10s) and Strike (S10s) Drones

PabloM Hornets System Operational Concept

1) R10s acquires and transmits target coordinates1
2) Target coordinates relayed via ground control equipment
3) Swarm flight trajectory generated and loaded (PabloM S10s operational unit)

System Configuration

R10s – Vertical takeoff and landing (VTOL), equipped with EO/IR and LRF, capable of wide-area, long-range swarm reconnaissance and target acquisition.
S10s – Fixed-wing type (self-powered takeoff), designed for swarm salvo strikes.
Fixed/Portable Ground Control Equipment – Mission control of Hornets drones.
Flight Control System – In-house developed flight control computer and software
Swarm Salvo Strike Guidance & Control Software – Swarm synchronized salvo strike for S10s.

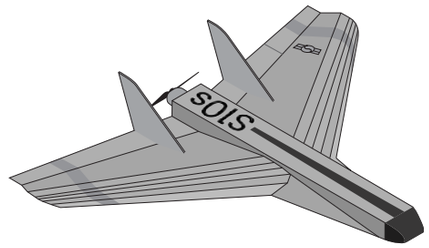


GNSS-based midcourse + video-based end guidance

Time-Sensitive Target	Area Bombing Target	Multiple Ground Target

PabloM S10s

Blast



Capable of neutralizing enemy defense systems and incoming aggression through simultaneous and staggered swarm salvo strikes

Empty Weight	3.2kg (Including the Battery)
Max Payload	1kg
Flight Time	30 minutes or more
Flight Range	38km
Max Speed	42m/s (150km/h)
Dimension(W×D×H)	1,300×1,082×225mm
Payload	Warhead + Nose Modules
Production lead-time/1EA	Depends on quantity

Equipping Modular Mission Equipment

Modular Design for Rapid Mission Equipment Replacement & Integration

***Ammunition Rail**
Rail system for integration with interchangeable forward modules


Basic Module


FPV Module

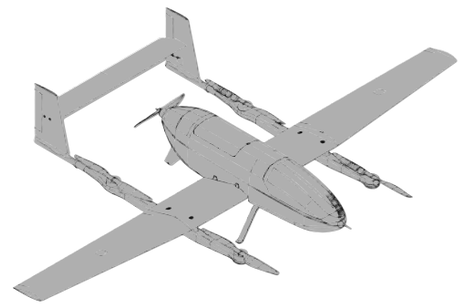

Gimbal FPV Module


Night Vision Module

- Swarm Savlo Strike Attack
- Electric Propulsion System
- Low-Cost, Fast and Mass Production
- Dive angle as High as 45 Degrees
- Self-Propelled Launch and Takeoff
- Quick replacement of equipment

PabloM R10s

Scout



Capable of rapidly acquiring battlefield information through long-range, wide-area swarm reconnaissance capabilities.

Drone-Only Weight	25kg (Including the Battery)
Max Payload	3kg
Flight Time	120 minutes or more
Flight Range	140km
Cruise Speed	20m/s (72km/h)
Dimension(W×D×H)	3,800×2,220×630mm
Payload	EO/IR
Production lead-time/1EA	Depends on quantity

- Swarm Reconnais-sance Operations
- Autonomous mission (re)
- Long-Endurance Flight
- Electric Propulsion System