ANN EX – 1

INTERCEPTOR Drone TBINUGV100

TBINUGV100 High-Speed (320km/h) INTERCEPTOR AI DRONE

"GEN3"

Designed to destroy all known "DELTA WING Kamikaze

UAVs" Rapid deployment and proven results on the front

line.

FULLY AUTONOMOUS "HIGH PRECISION" TARGET DESTROY RATE > 94%

INTERCEPTOR Drone TBINUGV100

Product Specifications

INTERCEPTOR Drone TBINUGV100

Product Specifications: High-Speed INTERCEPTOR AI DRONE

Weight:
Total Weight (including battery / payload): 1.5 kg
Standard Explosive Payload : 300g

Performance:
Maximum Hovering Endurance: 20min
Flight Time: 11 Min
Maximum Wind Resistance: Level (22m/s)
Rate of Climb: 45m/s

Maximum Level Flight Speed: 320km/h
Cruise Flight Speed (Normal Speed): 180-210km/h
Maximum Control Radius (Line of View) Combat
Radius: 15km Maximum Altitude: 4500m

Waterproof Rating: IP6
Operating Temperature: -20°C to 60°C

Extreme Speed Performance

This high-speed AI INTERCEPTOR drone boasts an extremely high flight speed, reaching a maximum of 320 km/h, instantly breaking knowen speed limits.

The cruising speed ranges from 180 to 210 km/h, ensuring stable and efficient long-distance flight to meet diverse scenario requirements.

Fully Autonomous Operation: From launch to impact. The INTERCEPTOR Drone TBINUGV100 autonomously predicts target trajectories, plans optimal interception routes, and uses its high-precision visual recognition system to lock onto and engage threats. It's designed specifically to destroy DELTA WING Strong Structured and Heavy Enemy Drones cruising in any speed ranges.

Sample Target Enemy Drone No:1

TBINUGV100 is an AI-Driven, Continuously Evolving Interception Drone at its core is a machine learning-based interception algorithm. This "Core AI Mastered" intelligence allows the system to adapt to new and evolving threat profiles through software updates, eliminating the need for constant hardware replacement.

Proactive & Wide-Area Defense: Unlike traditional, limited hard-kill methods, the INTERCEPTOR Drone T B I NUGV100 takes the initiative. It engages threats at greater ranges and altitudes, creating a wider protective umbrella at a significantly lower operational cost, enabling Symmetric Countermeasure Costs.

High-Efficiency Interception: Engineered for mission success against fast-moving targets, ensuring reliable airspace denial.

II. Endurance Performance

Regarding endurance, the drone exhibits different performance depending on the throttle setting. At maximum throttle, the continuous flight time is 6 minutes, suitable for short-duration high-speed sprints and intense collision scenarios. At cruising throttle, the endurance can reach 12-15 minutes, balancing speed and energy consumption to meet the needs of regular flight missions. Stable hovering can last 20-30 minutes.

The Most Advanced Interceptor Drone "GEN3"

Adopting a classic design, the fuselage is including metal case parts specially designed giving the interceptor a better kinetic / momentum explosive properties to destroy the target drone. Its compact size not only makes it easy to carry but also allows for agile maneuvering in complex environments. Equipped with a large-pitch propeller, it provides powerful output, ensuring flight stability and explosive power. Airframe , Flight controller, Propeller , Motor, ESC, Battery, Communication , Guidance computer systems are the main parts of the INTERCEPTOR Drone TBINUGV100 similar to other interceptor drones, while it creates a big difference from it's opponents by it's Onboard AI visual module. Target hitting probability is >94%. Even if it misses the Target Drone in the first attempt, TBINUGV100 continues to chase and seek by visual and infrared modules, increasing the probability of hitting the target done even at higher rates.