![PDW logo]

SIMULATOR

Next-Generation Flight Simulator for Mission Readiness

PDW SIM is a cutting-edge flight simulator designed to enhance training, mission rehearsal, and operational readiness for tactical drone operators. PDW SIM enables operators to train and rehearse hyper-realistic mission scenarios in diverse environments, weather conditions, unforeseen obstacles, and operational challenges—ensuring peak performance in the most demanding missions.

By combining dynamic 3D maps, synthetic elements, and realistic flight dynamics, PDW SIM delivers a real-world training experience that can be customized to mission-specific needs.

This groundbreaking technology removes traditional training barriers, accelerates pilot proficiency, and reduces training time by 50% while reducing costs by 88%. With no airspace restrictions or logistical constraints, PDW SIM provides a scalable, cost-effective solution, ensuring operators can train like they deploy - anytime, anywhere.

KEY BENEFITS

- Sharpens decision-making under pressure with realistic operational challenges

- Bridges the gap between training and live operations for maximum effectiveness

- Eliminates training downtime with on-demand, scenario-based simulation

Realistic Flight Dynamics
Experience realistic vehicle control with an accurate physics model of the C100, ensuring operators are fully prepared for real-world challenges.

Mission Rehearsal In Any Environment
Train and practice in dynamic 3D environments constructed from real-world geospatial data. From restricted airspaces to complex operational terrains, PDW SIM ensures no mission is out of reach.

Augmented Reality Training
Combine synthetic elements with real-world data for augmented reality scenarios that provide comprehensive situational awareness and decision-making training.

Adaptable Training Environments
Customize training to match your operational needs, from urban landscapes to remote locations, ensuring your team is mission-ready for any situation.