



Multipurpose Gunnery Mission Trainer



Train with Precision. Perform with Confidence.

Just because some missions are high-risk doesn't mean training for them has to be. Minimize the dangers inherent in aerial gunnery training with the **Bluedrop Multipurpose Gunnery Mission Trainer (MGMT)**. Use this immersive mixed-reality simulator to practice in-flight operations, defensive skills, and ground operations without ever leaving the ground or firing a live round.

Benefits of Bluedrop MGMT

Risk-Free Readiness: Safely prepare for high-stakes scenarios without risking lives, ensuring crews are ready for complex and challenging missions.

Immersive Hands-On Scenarios: Engage with targets at shooting range using various weapons in a controlled, safe, realistic environment that reflects real-world conditions.

Dynamic Operational Realism: Enhance situational awareness and skills by practicing with different equipment configurations under changing conditions, including authentic terrain, shifting weather patterns, multiple weapon systems, normal and emergency weapons operations, and realistic recoil.

Robust Skills Development: Experience challenging situations that would be difficult, dangerous, or impossible to replicate during airborne training.

Enhanced Teamwork and Cooperation: Foster better collaboration through joint training, ensuring seamless coordination during actual missions.

Economical and Eco-Friendly: Minimize the need for travel and shooting range usage to reduce fuel consumption, cut ammunition costs, and lower environmental emissions. This approach also eliminates costly and time-consuming training flights, making the process more efficient.

Faster Learning: Gain valuable experience in a shorter timeframe, making learning more efficient and effective.

The Bluedrop MGMT

mixed-reality simulator provides an immersive, risk-free and realistic environment to train for:

- Gunnery tables
- Recurrency
- Ballistic models
- Night vision operations
- Helicopter communications
- Gunnery operations
- Normal and emergency weapons handling
- Recoil management
- Reloading

FEATURES

- Seamless integration with front-end flight simulators and hoist mission trainers
- Multi-weapon configurability
- Realistic haptic feedback
- Authentic audiovisuals
- Optional recoil
- Simulated bullet trajectory
- Fast and flexible gun relocation
- Simulated night vision goggles
- Variable weather conditions
- Virtual and mixed reality
- Efficient transportation and deployment



Explore the Bluedrop MGMT:

Full immersion brings the battlefield to life. Trainees can see and manipulate the physical weapon without removing the mixed reality head-mounted display.

Bluedrop Training & Simulation helps optimize training outcomes in demanding situations, ensuring peak performance in high-risk, complex environments. Contact us today to explore how we can revolutionize your learning initiatives and advance your development efforts.

POWERED BY SIMLOGICS