



MQ-9 MTD

MQ-9 Mission Training Device (MTD)

World's First Low-Cost, High-Fidelity MQ-9 Reaper Pilot / Sensor Operator Simulator

Capabilities Include:

- Crew and Individual Training
- Stand-Alone and Distributed Training
- Normal and Emergency Procedure Training
- Tactical ISR and Weapons Delivery Training
- Content-Rich, AI-Driven Scenario-Based Mission Training



*Screenshot of SDS' MQ-9 Model and Database



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High-Fidelity Simulation For Use In Training, Research & Development, Test & Evaluation

MTD Supports

- Normal Procedures / Checklist Functionality / Communications
- Critical Action Emergency Procedures--Takeoff, In-Flight and Landing
- Tactical Mission Training
 - Sensor Operations
 - Weapons Employment--AGM-114 and GBU-12
- Individual and Crew Training
- Stand-Alone or Distributed Mission Operations (DMO) Training
- Anywhere / Anytime Geo-Specific Training / Mission Rehearsal Using SDS' GeoSource-RTB Rapid Terrain Generation Capabilities
- Content-Rich, AI-Driven Scenario-Based Mission Training Provided by LIFE-Based Scene Content Capability which ensures the Content Realism and Density needed to Effectively Simulate Real-World Conditions faced by Crews carrying-out Complex ISR and Weapons-Employment Missions in Virtually any Urban or Open-Terrain Environment
- Use of FalconView and mIRC Chat plus other Mission Display Capabilities



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High-Fidelity Software Includes

- Aero (Including Wind Effects and Turbulence)
- Heads-Up Displays (HUD) with High-Fidelity Out-the-Window and Sensor Scenes, Environment Effects and Special Effects
- Heads-Down Displays (HDD) and Tracker Displays
- Proven DIS/HLA Connectivity Including Built-In DIS Radios
- Instructor Operator Station (IDS)
- Ability to Integrate Entire Simulator / Simulator Components into Instructor-Led, CBT or WBT Academic Courseware



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