

On Demand F-35 Mission Rehearsal Training

F-35 MRT-LITE

Lockheed Martin's investment in the F-35 Mission Rehearsal Trainer (MRT) – Lightning Integrated Training Environment (LITE) offers customers a reduced footprint solution to train pilots with 5th Generation fighter Tactics, Techniques, and Procedures (TTPs)

PROVIDES TRAINING ANYWHERE IT'S NEEDED

- Small footprint and modular configuration provide flexibility for on demand training
- Leverages existing Distributed Mission Training technology to train in the joint domain environment
- Exportable to support the full F-35 training enterprise

ADDS FLEXIBILITY TO INCREASE PILOT TRAINING AND MISSION REHEARSAL

- Connects with existing family of F-35 Pilot Training Devices
- Integrates in large force employment events
- Enhances the integration of warfighting forces for more realistic training environments
- Fully functional for standalone operations with no instructor needed
- Increases training sortie generation with multiple low-cost devices
- Promotes pilot currency/proficiency and squadron training of Mission Essential Tasks (METs)

EVOLVES WITH YOUR MISSION

- Maintains concurrency with the air vehicle utilizing Operational Flight Program (OFP) based software
- Utilizes advanced technology enabling mission rehearsal and tactics development for 8-ship+ operations in high end training scenarios

PROVIDES LIFE CYCLE COST SAVINGS ACROSS THE PROGRAM

- Reduced hardware requirements provide life cycle savings
- Utilizes commercially available technology to reduce procurement and sustainment costs



BY THE NUMBERS

90%

Reduced hardware footprint over the Full Mission Simulator

75%

Full Mission Simulator Training Task List (TTLS) items accomplished in MRT-LITE

4+

MRT-LITE devices fit within facility space allocation of a single Full Mission Simulator



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