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

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 items accomplished in MRT-LITE
- 8 MRT-LITE devices fit within facility space allocation of a single Full Mission Simulator

Lockheed Martin. Your Mission is Ours.®