CymSTAR

CymLITE Series

Delivering Unparalleled Training Capabilities with Extended Reality (XR) Technology.

Overview

CymSTAR's CymLITE Series offers cost-effective aircrew and mission trainers to learn, practice, and master procedures, understanding flight dynamics and realistic system behaviors before transitioning to full-flight simulators or aircraft operations. These lightweight trainers ensure readiness and proficiency virtually anywhere, anytime, setting a new standard for accessible, high-quality training.

Key Highlights

- Cost-Effective Training Platform
- Engineered with Cutting-Edge Extended Reality (XR) Technology
- Small Footprint, Lightweight and Easily Deployable
- Remote Update Capable

Technology Advantages

- Integration of Proven Technology
- Agile Updates for Technology Advancements
- Cost-Effective Alternative to Full-Flight Simulators
- Synchronization with Preapproved Training Baselines

The CymLITE Series

offers immersive and accurate training using lightweight, transportable trainers.

Modular Open Systems Approach (MOSA)

The MOSA enables technology changes and upgrades, making it a cost-effective and upgradable solution over time. It supports rapid upgrades and simple sustainment.

Applications

- Air Refueling
- Taxiing, Takeoff and Landing
- Formation Flight
- Network Capability for Mission Training and Rehearsal
- Mission Systems, Including Radar Operators, Battle Management, Flight Engineers and More
- Mission Rehearsal

Key Features

- Small Footprint and Deployable in Theater of Operations
- Cybersecurity Compliant
- Customizable to Customer Needs
- High-Fidelity Aerodynamics, Control Loading, and Visual Scenes
- Commonality with Government-Approved Full-Flight Simulator Software
- Engineered with XR Technology for an Immersive Training Experience

Forming an integral component of a holistic training platform, the **Cym**LITE Series exemplifies CymSTAR's expertise in training, offering a comprehensive Training System spanning from classroom instruction to lightweight devices and full-flight simulator training. The **Cym**LITE Series by CymSTAR provides servicemembers with deployable, reconfigurable, light, and remotely updatable training environments, enhancing operational and mission readiness.

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