

# CymLITE-ATLAS XR Virtual Flight Deck (VFD) Trainer



## Introducing the CymLITE-ATLAS XR Virtual Flight Deck Trainer: Task Training that Matches the Mission.

Maximize operational readiness and training efficiency through self-paced and on-demand learning. With the new CymLITE-ATLAS XR Virtual Flight Deck (VFD) Trainer, operators can gain flight-deck familiarity and procedural mastery before moving to an aircrew trainer or full-motion simulator.

Scalable, deployable, and accessible, the CymLITE-ATLAS XR VFD Trainer uses cutting-edge Extended Reality (XR) to create a high-fidelity digital flight deck. Mirroring the controls, instrumentation, and systems behavior of many wide-body aircraft, this training device provides an efficient, cost-effective method to train for everything from pre-flight start-up to system failures across multiple aircraft.

## Flexible

Accessible online or off, the CymLITE-ATLAS XR VFD Trainer streamlines training while maximizing resources and readiness. Designed with certified aircraft and Weapon Systems Trainer (WST) data, the CymLITE-ATLAS XR VFD Trainer:

- Mirrors all aircraft controls and instrumentation
- Provides realistic system behavior and feedback
- Operates on tablets, laptops, desktops, or virtual reality headsets for flexible training access
- Delivers an immersive environment for realistic training on complex systems and procedures
- Provides a cost-effective alternative to full-flight simulators
- Integrates seamlessly with other elements in the CymLITE-ATLAS XR Series



## Critical Skills

Use the CymLITE-ATLAS XR VFD Trainer to learn, practice, and master:

- Procedural sequencing
- Systems familiarization
- Checklist execution and management
- Cockpit resource coordination
- Avionics/systems integration
- Resource and risk management
- Emergency and abnormal procedures



Fidelity



Flexibility



Capability



Accessibility



Scalability

**High-fidelity virtual  
flight deck available  
when you need it,  
where you need it.**



## Crew Training and Mission Rehearsal

Elements of a larger training ecosystem, the modular CymLITE-ATLAS XR VFD Trainer and the CymLITE-ATLAS XR Flight Management System (FMS) Trainer can connect to the CymLITE-ATLAS XR Aircrew Trainer for networked, multi-crew operations.

### LEARN

*Start with system familiarization and core functions.*



### PRACTICE

*Develop proficiency in route building, performance entries, and updates.*



### MASTER

*Build muscle memory, reduce errors, and increase speed.*



### REHEARSE

*Integrate skills into mission scenarios to prepare for training devices.*

## Deployable

With its simplified user interface and multiple delivery modes, the CymLITE-ATLAS XR VFD Trainer provides realistic and repeatable flight deck training, regardless of your location. Use the CymLITE-ATLAS XR VFD Trainer to increase proficiency through remote, on-demand, and self-paced training that's available anytime, anywhere.

## Value-Driven

The CymLITE-ATLAS XR VFD Trainer provides top-tier training without the cost, scheduling constraints, or facility demands of a full-flight simulator. Using aircraft models and WST data that updates quickly and easily as WST and aircraft changes are made, the CymLITE-ATLAS XR VFD Trainer maintains fidelity and concurrency. With the CymLITE-ATLAS XR VFD Trainer, you can access continuous training, wherever the mission takes you, saving time, conserving resources, and improving performance.

## About the CymLITE Series

The CymLITE-ATLAS XR VFD Trainer is part of CymSTAR's CymLITE Series, which offers cost-effective aircrew and mission trainers for learning, practicing, and mastering 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.

