AMAZE Visual Display System

Lockheed Martin's Amorphic Appearance Zero Projector (AMAZE) visual display system offers the next generation in display technology leading the training and simulation industry to a new era of low maintenance, high fidelity trainers. AMAZE increases visual system performance, expanding the simulator training curriculum opportunities while decreasing the life cycle costs beyond traditional, projector-based systems in use today.

ADDRESSING ALL FOCUS AREAS

- Significant footprint reduction to projector-based systems
- Commercial off-the-shelf technologies allow for competitive costs to existing projector based designs
- Reduced System Complexity – no projectors, no mirrors, no realignment
- Modular design allows for tailorable fields of view to support customer needs and footprints

INCREASING READINESS

- Simplified routine maintenance tasks allows focus to be placed on training rather than maintaining
- Rapid replacement of damaged or failed pixels gets user back to full capability in minutes
- Improved dynamic range enables calligraphic-like lights and night vision goggle compatibility increasing night environment training immersion
- Tailorable resolutions from 2.6, 3.2, 3.8, and 5.1 arcmin/Optical Line Pair with minimal overall hardware design modifications
- Ideal display system for use across a variety of simulation, training, and immersive experiences for the defense industry, commercial companies, and academic institutions

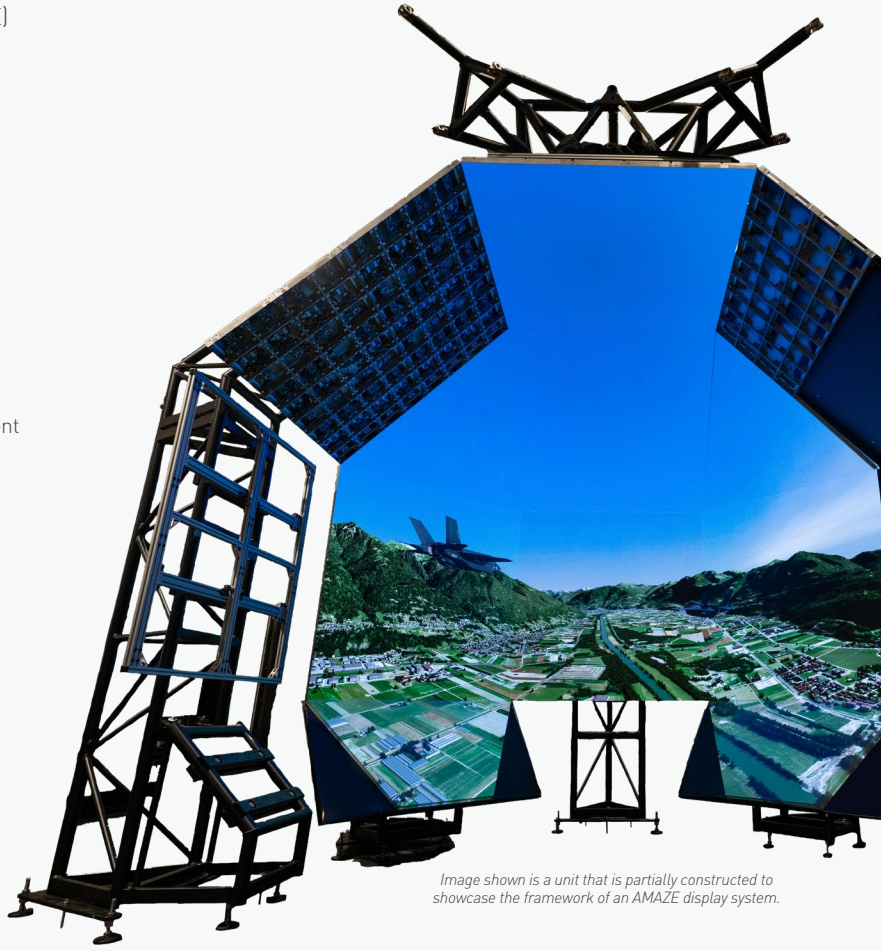

Image shown is a unit that is partially constructed to showcase the framework of an AMAZE display system.

BY THE NUMBERS

240 ft²

Maximum 240 sq. ft. needed for a 360-degree AMAZE system

2x

2x Increased System Brightness and Contrast Ratios over projector - based designs

100,000+

hours pixel lifetime

LOCKHEED MARTIN

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