



Helicopter Simulator Dome Displays



3D perception offers a range of turn-key, preconfigured Northstar™ simulation display systems optimized for specific domains. These systems are available with a range of projector models, and adaptable to accommodate differing program requirements, facility constraints, cabins, and other obstacles.

Lyra™ displays are high immersion front projection dome systems for helicopter simulators. Optimized for the reduction of parallax, and with a large lower vertical field of view, Lyra systems offer a continuous out-the-window view including the chin and side windows. The combination of the larger, uninterrupted view and superior image uniformity can make Lyra a preferred choice when compared to collimated displays.

Features

- Support for two eyepoints and wide-angle cross-cockpit viewing
- Range of screen radial sizes from 3.3 to 4 m / 11 to 13 ft
- Enhanced lower field of view for takeoff, hover, and landing
- Ideal for multi-mission, attack, search and rescue, and transport scenarios
- Skylight window options

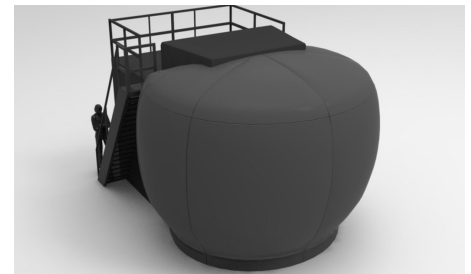
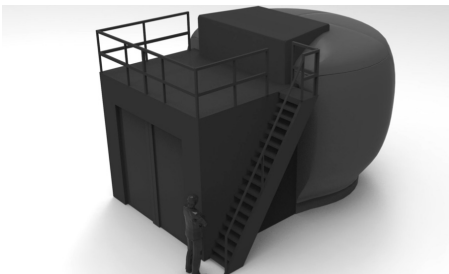
Previous Deliveries

UH-72A, MH-6, VH-60N, UH-1, CH-53E, MV-22B, MRH 407



NORTHSTAR™  DISPLAY PROCESSING AND MANAGEMENT
 PROJECTION AND IMAGE OPTIMIZATION
 AUTO-ALIGNMENT AND CALIBRATION

SIMULATION DISPLAY SYSTEMS



Seamless. Focused. Performance.

- Industry-leading solid-state automatic image alignment and calibration ensure simulator uptime
- Seamless image through all day times with full image contrast and dynamic range via automated dynamic electronic-optical hybrid blending
- Image Generator and projector independent for ease of integration and future-proofing
- Light closeout options and support for Night Vision Goggles
- Centralized system control via unified interface
- 25 years of proven expertise with hundreds of global deliveries