

ATLAS

Fixed-Wing Simulator Dome Displays

3D perception

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 are adaptable to accommodate various program requirements, facility constraints, cabins, and other obstacles.

Atlas™ displays are high-immersion dome systems for fast jet and turbo-prop aircraft simulators. Atlas offers superior image contrast and uniformity with a smaller footprint and fewer channels in comparison to rear-projection options. The systems are designed for the field of view, speed, and engagement necessary for high-fidelity flight training. Atlas systems have been used for a variety of aircraft including G120TP, T-6C, F-22, M346, PC-6, PC-7, PC-9, PC-12, U-28, P-3, and many more.

Features

- Optimized horizontal and overhead field of view up to 360°
- Low smear, low parallax error
- Range of screen radial sizes from 2 m to 3.5 m / 6.5 to 11.5 ft
- Up to eye-limiting resolution

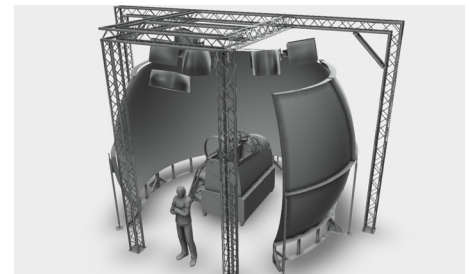
Recent Atlas Contracts

- UKMFTS BFT T-6C, system 2
- Saab JAS 39 Gripen, 10+ systems



NORTHSTAR™
SIMULATION DISPLAY SYSTEMS

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



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 independence makes integration easy and future-proof
- 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