PANORAMA™ GFP DISPLAY SYSTEM FOR LEVEL 7 FLIGHT TRAINING DEVICES

FULL FLIGHT SIMULATOR TECHNOLOGIES IN A SMALLER FOOTPRINT

Expand your FAA-creditable training capabilities

Complete more training tasks outside of a full flight simulator with the Collins Aerospace Panorama™ glass front projected (GFP) display system – a key component of FAA Level 7 flight training devices (FTDs). Using technologies from our accredited full flight simulator offerings inside a smaller footprint solution, our Panorama display technology provides a collimated display equivalent to a full flight simulator – packaged for classroom training applications. When the display is coupled with our 8000 series image generation system as part of a fully integrated visual system, trainees experience realistic visual scenes and an immersive training experience.

KEY FEATURES

- Field of view, resolution, contrast and brightness meet FAA level D specifications
- Collimated display
- Field of view: 180°H x 40°V
- Glass mirror performance
- Consistent geometry throughout the field of view
- Flexibility in system design
- Small footprint
- Front projected screen (FPS) with built-in alignment reference tool

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KEY BENEFITS

- Cross-cockpit collimated display

- Provides Level D full flight simulator visual fidelity on an FAA level 7 FTD to support all recurring pilot training

- Small footprint solution, ideal for classroom environment

- Low maintenance, high reliability, no moving parts

- High-resolution image capability

- Consistent geometry throughout the glass display

- High-contrast, high-brightness image

- Day/night/dusk system

- Supports rich scene content for highly realistic representation of terrain and features to enhance training value

- Scalable, modern architecture

- Image generator and projectors are common with level D full flight simulator

SYSTEM COMPONENTS

- Collimating glass mirror assembly

- Front projection screen with built-in alignment reference

- Three projectors (HFOV)

- Optical edge blending system

- Common projector control user interface with full flight simulator visual systems

- Common components with full flight simulator level D visual systems

- Compact design sized to fit in a classroom or commercial office

TOTAL TRAINING SOLUTIONS PROVIDER

At the forefront of technology, Collins continues to enhance training effectiveness by providing the most advanced training solutions at the lowest cost of ownership.

Our Panorama FAA level 7 FTD display system is a further example of our commitment to meet our customers' needs and constraints. It enables a total visual system tailored to the defined training device requirements of the platform for which it is used.

For effective pilot training, a complete visual system solution, consisting of our Panorama FAA level 7 FTD display system, commercial projectors and our EP-8100 image generation system, provides the optimal visual solution for challenging flight training tasks.

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