**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 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 EP®-8100 image generation system as part of a fully integrated visual system, trainees experience realistic visual scenes and an immersive training experience.

**KEY FEATURES AND 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
- Excellent geometric accuracy due to use of glass
- 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

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**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

**SYSTEM PERFORMANCE**

- Field of view, resolution, contrast and brightness meet FAA Level D specifications
- Field of view: 180°H x 40°V

**TOTAL TRAINING SOLUTIONS PROVIDER**

At the forefront of technology, Collins Aerospace 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.