



PANORAMA™ MODULAR FRONT-PROJECTION DISPLAY

HIGH-FIDELITY, LOW-COST SOLUTION

FAA and EASA Level-D performance for fixed-base simulators

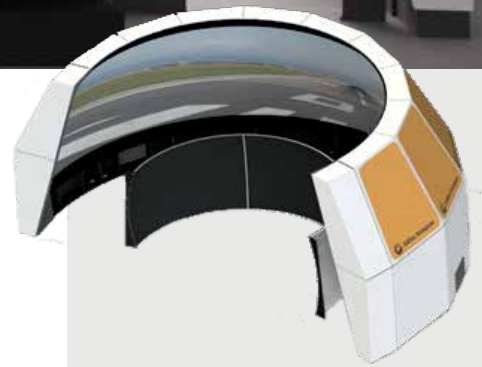
Optimize your flight training operations with the Collins Aerospace Panorama™ modular front-projected display, a cost-effective system that delivers uncompromising visual performance. Leveraging an inverted front-projection layout, Panorama ensures image geometry is always optimal in the area of most significance to the pilot.

Panorama's modular, small footprint allows it to easily fit into a typical

classroom rather than needing a large simulator hall. Its display size is compatible with all current commercial aircraft types, including wide-bodies. And it meets FAA and EASA Level-D performance requirements.

With over 30 years of experience designing, manufacturing and delivering collimated display systems for commercial and military simulators,

Collins delivers best-value solutions that never sacrifice quality, usability and flexibility.



KEY FEATURES & BENEFITS

- Modular design
- Fields of view up to 200° H x 40° V
- Seamless 10 foot radius mirror used in an inverted collimated front projection layout
- FAA and EASA Level-D performance
- Incorporates projectors and an EP-8100/8200 IG series image generator
- Optimized visual acuity for critical training areas
- Lightweight and easily transportable
- Turnkey implementation





STANDARD OFFERINGS

Collins is committed to building products that address the evolving demands of pilot training operations. We continue to enhance training effectiveness while bringing forward new best-value solutions to make critical devices more accessible and to our customers.

Incorporating the world-class EP-8000 series image generator's unique 3D whole-Earth, auto-generated objects, laser projector technology and our extensive Level-D-capable airport model library, Panorama MFP provides a turnkey visual system solution.

CUSTOM OFFERINGS

Our extensive systems engineering capabilities allow us to design and deliver custom solutions outside of our standard offerings. We have delivered over a dozen variants of Panorama with multiple-sized radii, including extended field-of-view options, such as chin windows.

Design options are also available to accommodate simulators that are transportable or for custom applications, such as driver training and other non-flight applications, and multiple combinations of front- and rear-projection models.

ADDITIONAL SERVICES/ CAPABILITIES

Our broad range of products and service options, combined with our collimated Panorama MFP display system, offers a complete visual system solution. Collins image generators, projection systems, airport models, model update services and in-field support services will enhance the training efficacy and give you the assurance that comes with our products. Collins' full range of complementary products provide maximum compatibility with all of our visual system solutions used on FAA and EASA Level-D full flight simulators.

Specifications subject to change without notice.



COLLINS AEROSPACE

800.321.2223 | +1.319.295.5100
fax: +1.319.378.1172
collinsaerospace.com