

FlightSafety Mixed Reality Flight



Mixed Reality Training Provides Immersive Experience

FlightSafety Mixed Reality Flight offers an affordable, immersive training experience that enhances and accelerates pilot and crewmember training in a variety of learning environments. The mixed reality experience, available for delivery through a virtual reality or mixed reality headset integrated with FlightSafety's VITAL 1100 Visual System, better prepares students to progress more rapidly through live instruction courseware, training and simulator time. Multiple training modules provide broad-based applicability for various training concepts while supporting personalized training based on specific Customer needs.



For more information, please contact Visual Systems – St. Louis
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Features

- Mixed Reality accelerates pilot proficiency by creating a better prepared student prior to accessing live training environment and high-fidelity simulators
- Students progress more rapidly through live instruction courseware and derive more benefit from the simulator experience
- Ready for delivery using a virtual reality or mixed reality headset integrated with the FlightSafety VITAL 1100 Visual System
- Provides a fully certified image generator with the latest PC technology and high-performance off-the-shelf graphics processors
- Integrated design ensures advanced features in future devices are utilized including primary capabilities for resolution, expanded field of views, and use of FlightSafety's global database
- Multiple training modules can be included in the user interface to demonstrate a broad-based applicability for various aviation training concepts such as:
 - Mission rehearsal (LVC, DMO)
 - Stealth and observer viewing
 - Maintenance training
 - Formation flying and multi-ship
 - Tactical and weapons
 - Cockpit familiarization and preflight
 - 3D visual and 3D sound
 - 360-Degree field of view
- Customer benefits include:
 - Accelerated learning as students quickly ramp up on complex training concepts
 - Improved Customer satisfaction as more knowledge is acquired in shorter periods of time
 - Personalized training delivered by informed instructors catered to unique student needs
 - Customers accelerate their learning curve and maximize live instruction and simulator time
- Supporting and optional features include:
 - Immersive programming assisting students in quickly identifying aircraft systems and mission scenarios prior to live instruction and simulator time
 - Concepts uniquely explored, rehearsed, and tracked throughout the learning process
 - Live instructors personalizing training approach based on student historical learning data captured during Mixed Reality training activity
 - Students accessing immersive programming to train on concepts explored in greater detail during live instruction and simulator time



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