



BUSINESS AVIATION TRAINING

Immersive Pilot Training

Familiarization and Procedures with Apple Vision Pro

Leveraging the power of Apple Vision Pro, CAE explores ways to push familiarization and procedures training to unmatched levels, enabling pilots to gain 'true-to-life' flight deck familiarity and confidence from anywhere.



Immersive Pilot Training

Exploring immersive technology's newest path to pilot mastery

CAE's exploration of augmented-reality training solutions allows pilots to engage with realistic flight deck environments while offering the convenience of training through an "anywhere, anytime" learning experience. The precise responsiveness to hand gestures enables pilots to seamlessly familiarize themselves with the flight deck, practice critical procedures, and develop muscle memory—better preparing them for the transition from ground school to simulator training.

True-to-life flight deck interaction

Presenting a high-fidelity flight deck environment and unprecedented levels of interaction, the CAE-developed app capitalizes on the power of spatial computing made possible by the Apple Vision Pro and represents the first-time pilots can use such natural and sophisticated gestures to control a virtual flight deck.

Flight Deck Exploration Mode – immerse yourself in the flight deck environment by interacting with various panels and components. Touching a specific control, button or switch provides a description of that control without disrupting the immersive nature of the experience, increasing knowledge retention.

Guided Mode – maximize your readiness prior to the first simulator session, train muscle memory and build confidence in this mode that simulates any kind of interaction in a natural way. While fully interacting with natural gestures, experience and learn different flows and procedures in proper sequence while being guided from one action to the next with easy-to-follow highlights, arrows, and narration.



Key Benefits

CAE's Immersive Pilot Training - Familiarization and Procedures:

- Allows pilots to maximize the value of each training session, ultimately enhancing safety.
- Provides realistic, true-to-life flight deck interactions in a fully immersive setting, which improves knowledge retention.
- Develops muscle memory while practicing critical flows and procedures prior to a pilot's simulator sessions.
- Provides unlimited practicality and portability allowing pilots to learn and practice procedures at any physical location.

Speak with a business aviation training advisor today to further explore Immersive Familiarization and Procedures Training with Apple Vision Pro.

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