

## How Good Are VR-Trained Pilots? A Review of the VR-Heli START FAA Pilot Transition Study

### Event Details

In this session, we'll review the FAA virtual reality (VR) Pilot Transition Study conducted at Marshall University in South Charleston, West Virginia, from July through October 2025 using a Loft Dynamics HI25 virtual reality 6 DOF (degrees of freedom) full-motion simulator. The aim of the study was to answer the following research questions: 1. To what extent can VR simulators reduce training costs and improve skill proficiency without compromising learning outcomes? 2. How effective are VR simulators in teaching essential piloting skills and maneuvers, and is there evidence of any effects from negative transfer of training skills? 3. Can VR simulation training prepare students sufficiently for passing a checkride to Airman Certification Standards (ACS)?

**Tue, Mar 10, 2026 at 14:15 EDT**

**Georgia World Congress Center**

285 Andrew Young Blvd NW, Atlanta,  
GA

Room B401

Atlanta, GA



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