

UK's First Mobile eVTOL Virtual Reality Motion Flight Simulator unveiled



Myriad, specialists in Aerospace Systems and Human Factors, today unveiled the 'VRM-2' – the UK's first fully mobile Electric Vertical Take-off and Landing (eVTOL) Flight Simulator utilising both Virtual Reality and Motion. This unique simulator provides a flexible, modular platform for customer demonstrations, research and development, with potential use in future pilot training.

"Having a mobile flight simulator capable of recreating vertical flight in a fully immersive visual environment combined with realistic motion cues, creates an incredibly realistic environment for research, development and testing. The ability to rapidly develop and test controls, displays and supporting systems enables key design changes to be made early in the design process, therefore reducing costs. Using the real aircraft's 'fly by wire' system enables seamless integration of physical controls and virtual displays within a 360-degree visual cockpit environment created from the original CAD drawings. Motion onset cues provided by the electric actuators and vibration cues provided by integral seat shakers enhance simulator fidelity."

"Access to a mobile simulator capable of accurately and realistically recreating the flight profiles of our aircraft is a major benefit for us. Using our Veronte 4x-based hardware-in-the-loop system, we can train customers in a real-world environment using real aircraft hardware. The pilot and instructor know that the response in the simulator, thanks to our validation against the full-scale aircraft, the simulator will be as close as possible to real life. This is a very powerful tool to be able to use."

Dr Mike Bromfield, Director, Myriad

Michael Thompson, CEO, Skyfly Tech.

Visit www.myriad-business.com or www.skyflytech.com for more information.