eVTOL Simulator & Training Concepts

eVTOL MR Series **X**

eVTOL Flight Simulator

Mixed Reality
Full Flight
Simulator

Pilot Training
Solutions

FAST
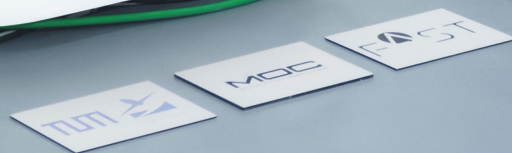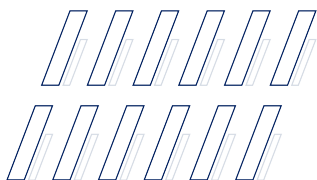
Basic information

Mixed Reality Simulation using Original Cockpits and Full Motion technology

eVTOL Pilot Training Solutions

Incorporating a complete solution for your eVTOL pilot training, we take care of software solutions according to your training syllabus, offer workshops and seminars according authority regulations and provide the simulator as your essential hardware.

We work hand in hand with experienced flight schools and experts to provide a sound and professional training environment with every training technology you need.

Use Cases

MIXED REALITY SIMULATION
Immersion into flight

EXCELLENT 6DOF MOTION SYSTEM
Simulate any movement

Train Pilots

Safe training from acquainting with the aircraft to full type-ratings

R & D

Get your eVTOL pilots ready for flight operations. Do research on your newly developed eVTOL aircraft
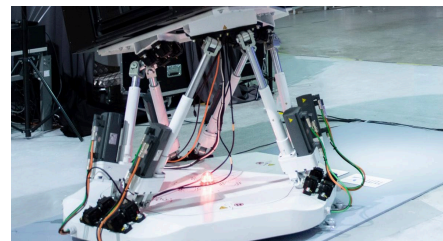
Promotion

Use FAST's eVTOL MR Series X with your branding for any promotion case to attract more attention to your company

Professional Pilot Training

Establish a safe, future-proof and **advanced training environment** for the next generation of eVTOL pilots.

Mixed Reality allows for **new methods of pilot training** like eye-tracking, to improve procedures and AI-assisted response, terrain, and model specific immersion training.

Generic and type-specific. Ideal environment for initial aircraft familiarisation and a full type rating for a type specific eVTOL aircraft.

Research and Development

The modular design of FAST's eVTOL flight simulator allows for an easy **change of hardware parts and software**.

With new authority regulations for eVTOL aircraft to come, FAST builds a framework for all eVTOL pilot trainings and its training devices.

With these technologies, both basic training to reach aircraft pilot licences and type specific training requirments are met.

FAST

FAST eVTOL MR Series X

Ready for the future of aviation -
Mixed Reality Full Motion training simulators for professional pilot training

Mobile and compact
for more flexibility

Modular design
adaptable to all eVTOL aircraft types

**Ready for FAA/EASA certification**
and other certification regimes

Customisable on request
in terms of software and hardware for
your simulation environment

Built for the future of pilot training

State-of-the-art pilot training

The future of aviation is electric and flexible. eVTOL aircraft operations are just ahead of us. With decades to go for manned eVTOL aircraft to reach global autonomous flight certification, pilots must be trained and kept ready for a variety of terrain, urban areas and general aircraft handling to ensure maximum flight safety.

FAST has developed a brand new eVTOL flight simulator incorporating Mixed Reality technology and a sophisticated motion platform. It is a state-of-the-art tool for professional eVTOL pilot training and promotional use cases.
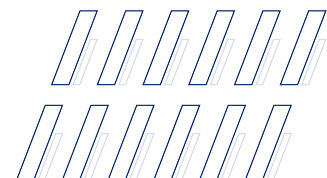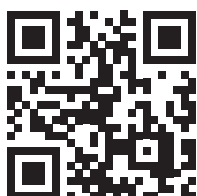
FAST

FAST eVTOL MR Series X
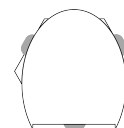
Six Degrees of Freedom electrical Motion Platform
- fail-safe operation safety concept with brakes

Contact us

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Technical Data

Mixed Reality technology with Eye-tracking technology and many other advanced features

Sophisticated motion platform with 6 degrees of freedom

Instructor station built by FAST, customizable to your needs

AI integrated analysis for advanced abnormal debriefing and real-time feedback

Mobile design for easy shipping and installation

FAST