



SWITZERLAND

PROFESSIONAL FLIGHT TRAINING SOLUTIONS

HELICOPTER EXTERNAL SLING LOAD OPERATION

HESLO

Flight Training Solution
for AS350/H125
with MPVK



IMPROVING
FLIGHT SAFETY
AND TRAINING
EFFICIENCY

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MISSION

We build the most realistic and professional flight training solutions for aviation applications to enable safer, more efficient and environmentally friendly training



HIGH LIGHTS

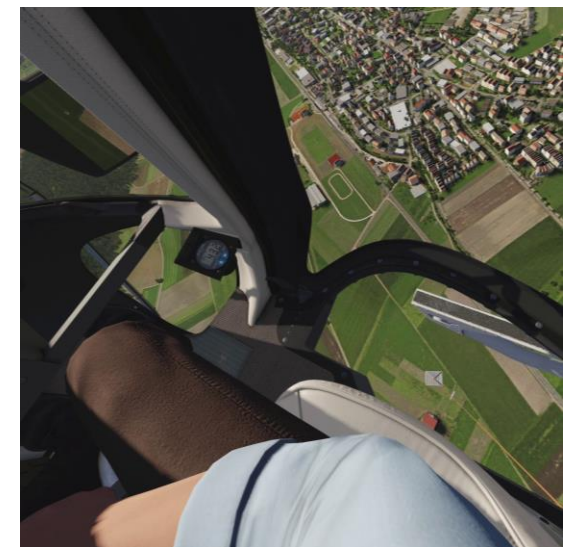
- ▶ High resolution virtual reality pilot view
- ▶ Industry leading flight physics simulation
- ▶ Highly dynamic motion platform (6 DOF)

YOUR BENEFITS

- ▶ Cost efficient training any time, any weather
- ▶ Training concepts that take advantage of the latest scientific findings
- ▶ Tailored programs and sceneries available
- ▶ Instruction tools

PRACTICE

- ▶ Mirror technique
- ▶ Vertical reference flying
- ▶ Basic and advanced scenarios



VR Cockpit

- ▶ Fully animated VR Cockpit. 360° view
- ▶ Comprises a pilot seat and controls

Motion Platform

- ▶ Highly dynamic 6DOF motion platform
- ▶ Performs the motion cueing based on a human perception model that is provided with motion data from the simulation

Safety Enclosure

- ▶ Protects against inadvertent approach into the hazard zone that is caused by dynamic motion

Visual System

- ▶ Virtual reality promises highest possible immersion
- ▶ Consists of a VR headset and its respective controllers for its accurate positioning.

Sound System

- ▶ Headphones are integrated in the VR Headset
- ▶ Microphone available for the communication with the instructor

Instructor Controls

- ▶ Instructor controls and repositions the simulator to any desired situation, set daytime and weather conditions
- ▶ Operator Panel: set running or home state of the simulator, enable the platform or trigger an emergency stop of the whole system
- ▶ A powerful simulation computer runs the simulation software

SPECIFICATIONS

- ▶ System weight 395kg (871lbs)
- ▶ Electrically powered
- ▶ Tilt angle >30°
- ▶ Required room height 2.8m (7.5ft)
- ▶ Foot print 3.9m × 3.9m (12.8ft × 12.8ft), incl. Safety Enclosure

