



The image shows a large, yellow and white simulator for helicopter hoist training. It features a yellow cabin with 'HMTS' and 'CH-149 HOIST MISSION TRAINING' printed on it. A white hoist structure is attached to the side. In the foreground, there is a control console with a monitor and various buttons. The background is a plain white wall.

Bluedrop's Hoist Mission Training System (HMTS)

The HMTS and Portable version are a fully immersive virtual training devices for hoist continuum training.

Key Benefits:

- Lower operational cost vs flying
- Improved trainee proficiency
- Standalone training or linked with a flight training device
- Uses state-of-the-art Virtual Reality and Mixed Reality
- Train on skills to manage emergencies
- Practice helicopter communications
- Lower emissions, a lower carbon footprint, zero noise pollution
- Allows the trainee to practice mission critical skills in a safe, true-to-life environment



Train for missions, dangerous operations, malfunctions, and emergencies in environmentally-friendly and safe conditions.

Fully configurable to any fuselage type based on customer needs



Ultra-realistic 3D cable behavior that responds to flight dynamics



Ability to perform high-fidelity mission rehearsal including on-the-fly mission changes such as weather or malfunctions



Improved crew communications



The Portable HMTS sets up in minutes and is deployable anytime, anywhere



Safe simulation of environmental conditions without introducing operational risk

