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# VR Simulation – today, tomorrow and the future

by

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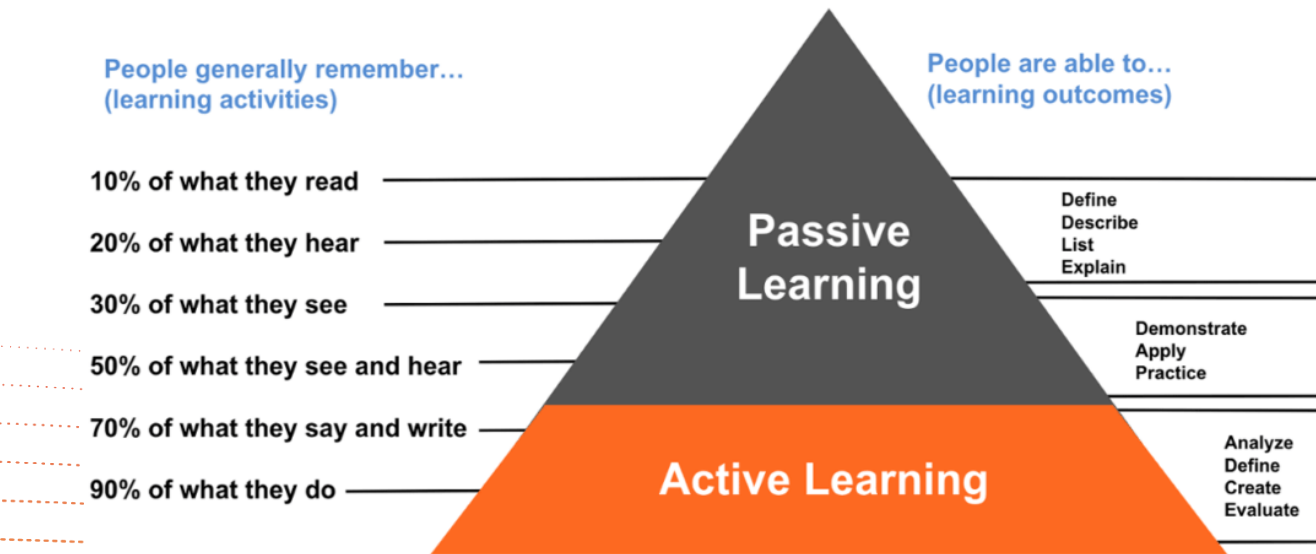
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**Today**

# Why Use a Virtual Reality MEWP Simulator

- Introductory tool to operating a MEWP
- Testing competence at the worksite
- Improving operator skills by practicing potentially dangerous scenarios

- Feels like you're on an actual work site – **PLEASE HAVE A GO!!**
- Reduces anxiety to height
- Controls familiarization



# How the MEWP was created



- First instructors tool developed (2005)
- New scenarios added (2009)
- VR integrated (2014)
- Motion base integration (2015)
- The Mobile Elevated Platform (MEWP) VR Simulator launched at ConExpo (2017)





# Developing our simulators

- IAPA Innovation Award (2017)
- Scissor Lift added (2018)
  - Nationwide Platforms and Skyjack support with developing scenarios and hardware
  - Exceeded standards for competency assessment
  - IPAF - Consultation



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**Tomorrow**

# Expanding our simulators



- Airplane Industry: Exploring new applications for new verticals
- Network simulation:
  - Painters glazing building
  - Assessment with avatars
  - Different equipment in same virtual environments
- Customer-led development



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# The Future



# What's possible

Here's what could be in store for us



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**Thank you**