Aerial Safety & the Future of Training

Presented by Andy Netzel

November 14th, 2023

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Does Training Matter?

Who am I?

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Lanyard Interlock

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Unit Set-Up

Altec
Lev-o-gage® 3
25 20 15 10 5 0° 5 10 15 20 25
15° MAXIMUM FRONT TO BACK TRAVEL ANGLE

Inspection

Energized Unit Hazard

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The Future of Training

- Training is a necessity
- Training is time consuming
- Training can be costly

- Technology helps us gain efficiencies in training

We must embrace creativity and digital transformation

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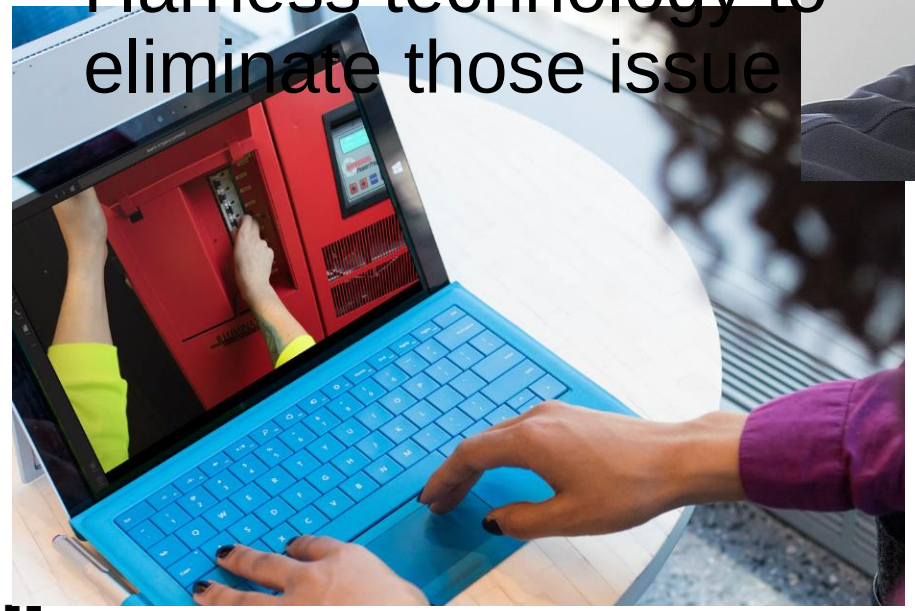
Virtual Reality – Hybrid Environment

- Is location an issue?
- Is time an issue?
- Harness technology to eliminate those issue



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Virtual Reality - Simulators

- ✓ Real time simulation
- ✓ Better training outcomes
- ✓ Trains real-world skills
- ✓ Lower cost
- ✓ Standardized training

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Augmented Reality

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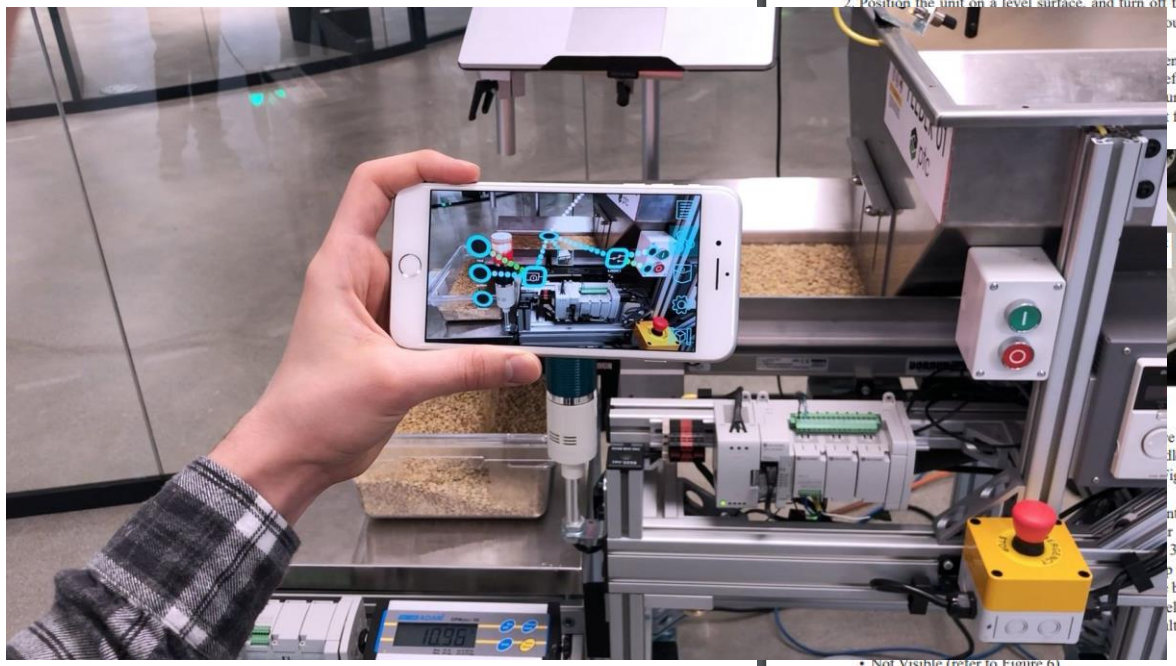
Augmented Reality



SIL-3019-B

Inspection Procedure: A set of feeler gauges, a tape measure
are required for this inspection. Read and understand all steps
procedure.

1. If the unit is secured on a trailer on a level surface, proceed to
2. Position the unit on a level surface, and turn off the engine.

- Not Visible (refer to Figure 6)
- Even with Boss Edge (refer to Figure 7)
- Beyond Boss Edge (refer to Figures 8 and 9)

6. Mark the inspection result for Position 1 in Figure 10.

Vuforia View Quick-Start Guide 074900860-A

Welcome!

Pinch to zoom out | *Spread* to zoom in | *Two Fingers* to rotate | *One Finger* to move/pan | *Shake* to reset

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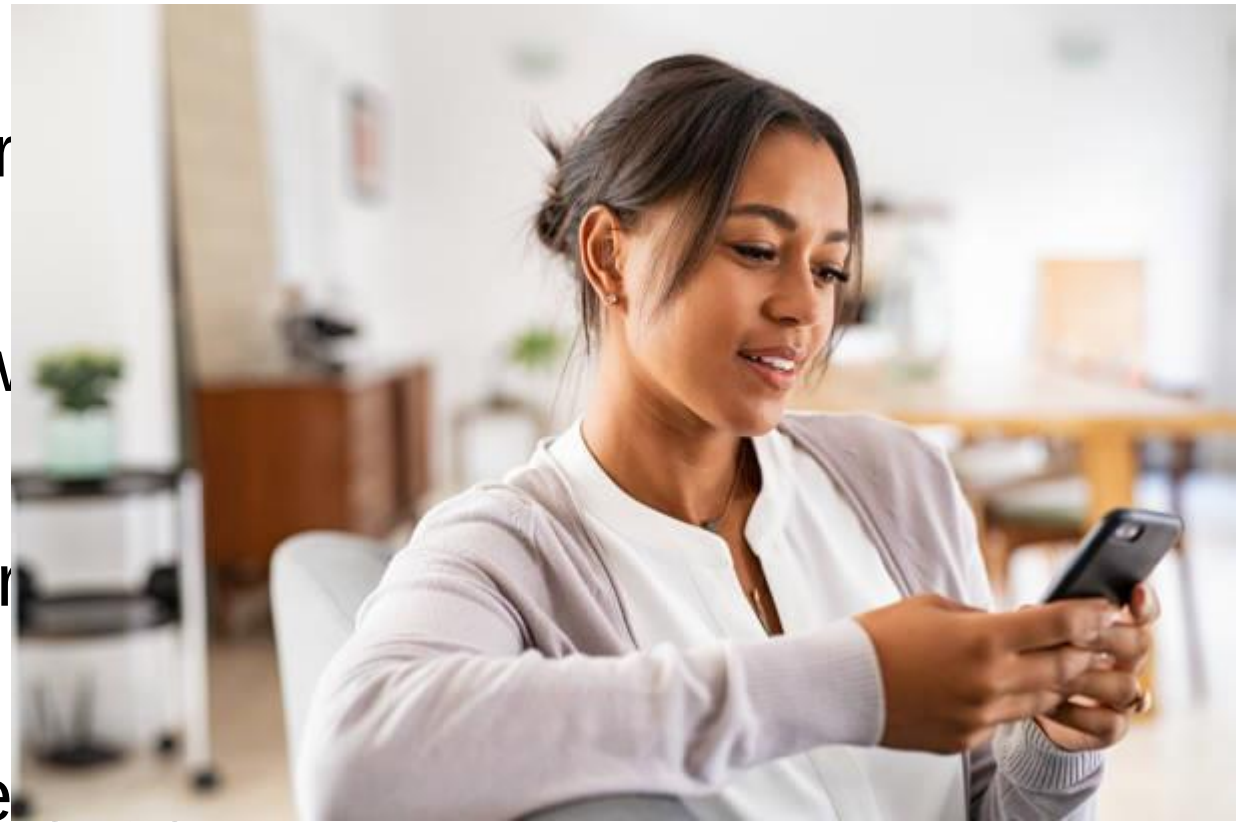
Adult Learning - Microlearning

- ✓ Simple design
- ✓ Flexibility for
- ✓ Tech-savvy v
- ✓ Blended lear
- ✓ Increases re



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Adult Learning - Microlearning

COURSE

A Class Elevator Series Aerial Device Basic...

2 Lessons Published

COURSE

A Class Non-Overcenter Basic Operating Video

1 Lesson Published

COURSE

A Class Series Aerial Device Basic Operating...

1 Lesson Published

COURSE

AH75-85-100 Articulating Non-Overcenter Aerial...

1 Lesson Published

COURSE

AH75-85-100B Basic Operating Video

1 Lesson Published

COURSE

AH125 Basic Operating Video

1 Lesson Published

COURSE

AH125S Basic Operating Video

1 Lesson Published

COURSE

AH150 Basic Operating Video

1 Lesson Published

COURSE

AH85-100 Basic Operating Video

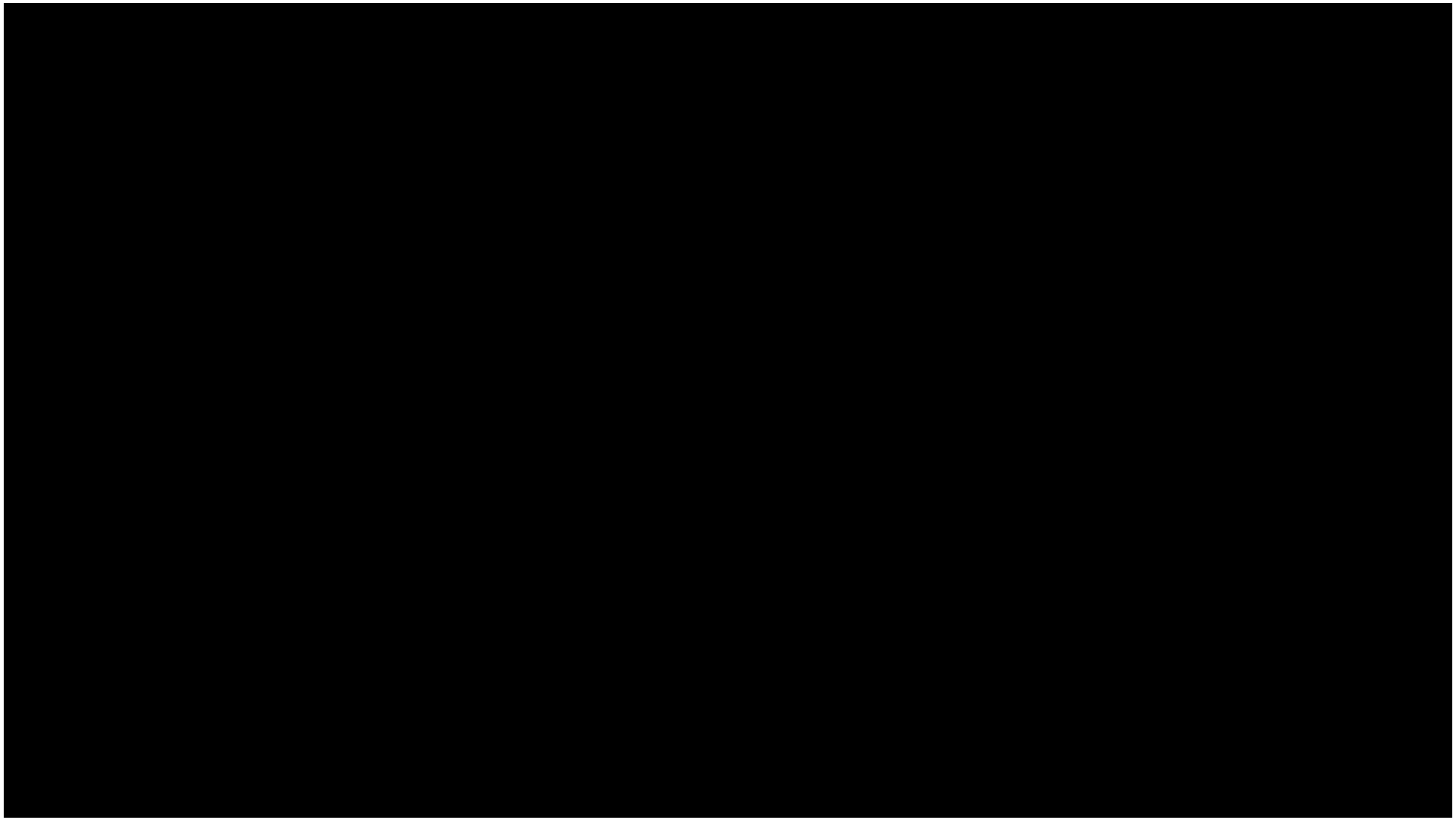
1 Lesson Published

COURSE

HL125 Basic Operating Video

1 Lesson Published

Thank you!



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Thank You!

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