

MASS VIRTUAL[®]

Elevating Human Performance

C-130J Maintenance Training

Virtual Reality (VR) Impact on Training

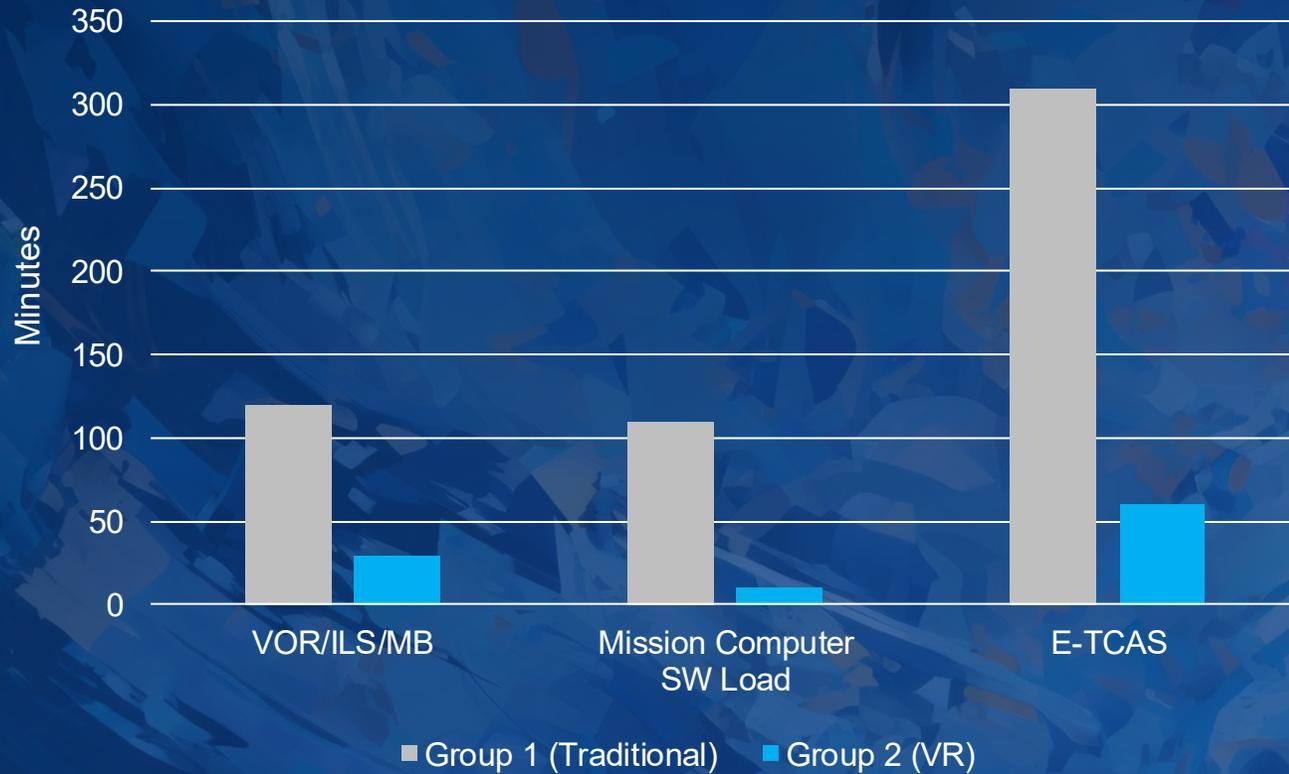
STUDY GOAL

Evaluate VR's ability to reduce time and increase availability for flight line upgrade training



Faster with Virtual Reality

Actual Completion Time by System



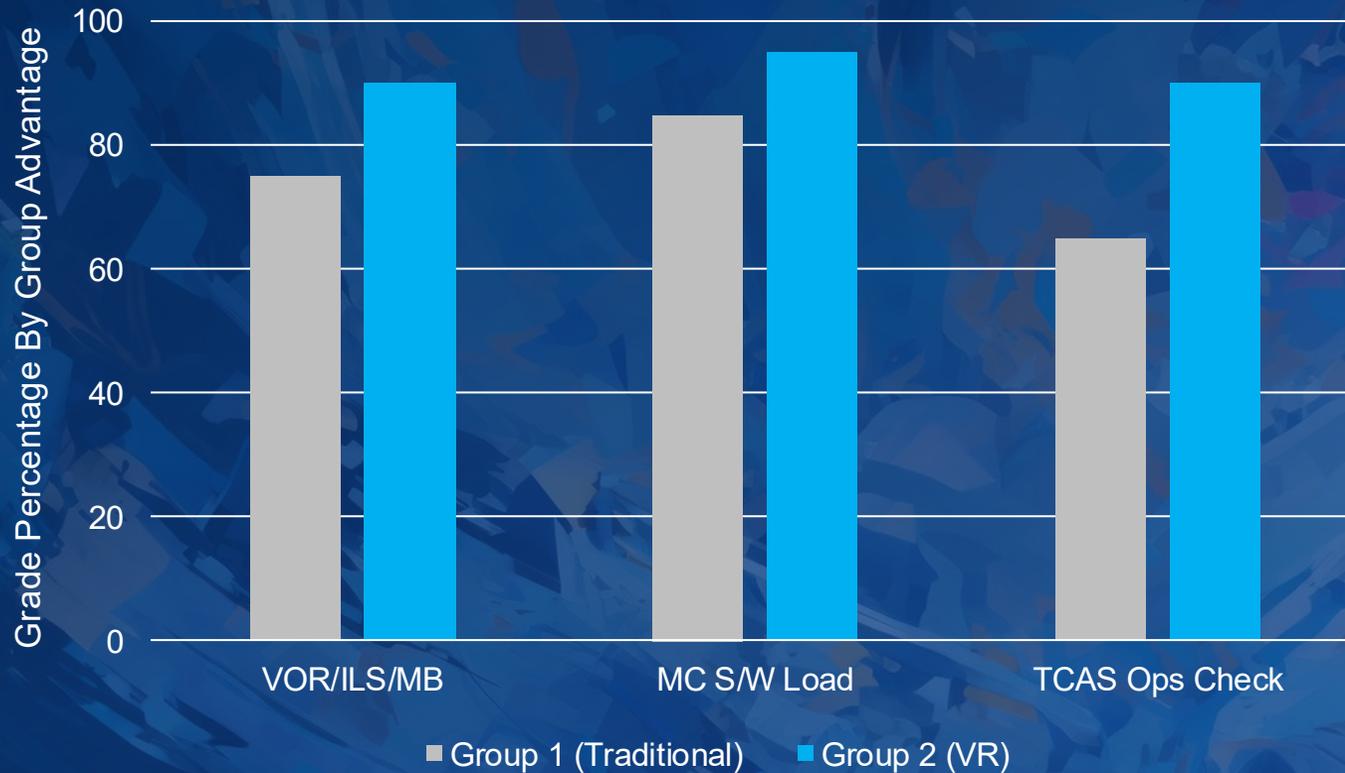
80% Faster to Complete Training

35% Faster Diagnostics

Virtual Reality Upgrade Training Study – Kaizen Event
- U.S. Air Force, Air Mobility Command (11-APR-2025)

Faster with Virtual Reality

Actual Completion Time by System



15%

**Increase in
Task Efficiency**

Virtual Reality Upgrade Training Study – Kaizen Event
- U.S. Air Force, Air Mobility Command (11-APR-2025)

Qualitative benefits

45%*

*Reduction Aircraft
Downtime for Training*

35%*

*Increase Knowledge
Retention*

60%*

*Reduction in
Classroom Hours*

Preserved Component Service Life

*C-130J Virtual Reality Return on Investment
U.S. Air Force 7-OCT-2021