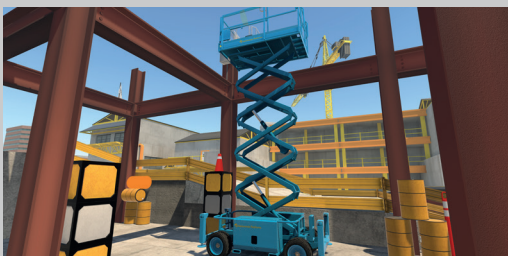# Operator Competency Testing
Risk free, convenient and effective

Rough terrain

- Observation skills
- Jib control and basket bounce
- Machine speed tempering
- Steering control on uneven ground

Obstacles and restricted work space

- Advanced observation skills
- Jib and riser control
- Slew steering
- Basket position awareness
- Manoeuvring in tight spaces

Complex work areas

- Advanced basket positioning
- Coordinated jib and riser control
- Slew positioning
- Telescopic boom control
- Manoeuvring at height
- Machine drive at height

Thirty two real-world scenarios for scissor and boom lifts

The 32 uniquely designed scenarios for scissors and booms provide trainees the opportunity to experience a range of real-world scenarios that are not safe to replicate in training.

Allows an operator to demonstrate key skills;

- Observation
- Site awareness
- Correct control use
- Control feathering
- Collision avoidance

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Measurable and intuitive training

The bespoke virtual reality training software allows for real-time recording and scoring, enabling trainee and trainers to review performance, identify areas for development, and accurately focus training requirements.

Training performance matrices and score card:

- Errors are flashed on screen during each scenario
- A scenario is automatically failed if the maximum penalties are reached
- A score sheet highlights areas that the operator needs to work on
- Scores can be extracted, by individual, for record keeping
- Operator performance is judged automatically by the system using the IPAF standard assessment criteria
- Helps to reinforce the correct behaviours in machine operation

Improving competency, safety and performance

MEWP operator training (such as IPAF) is invaluable in providing practical, theoretical and hands on knowledge of how to operate an aerial work platform. However, all practical training has limitations and qualification does not mean competence. Recreating real-world scenarios introduces risk making it impractical as a means for training, competency testing or refreshment courses.

Virtual Reality Simulation provides the opportunity to demonstrate skills in a completely risk-free environment, much like those used within the aviation industry. Operators can demonstrate the basic skills required to operate a machine, and maintain safe working practices, all within a 100% risk-free simulated environment.

The Virtual Reality Simulator from Rapid Access is a quick and convenient method to ensure, beyond a license and certificate, that an operator has the necessary skills, ability and safe working knowledge to meet the highest health and safety standards on your site.

	Penalty Points	Faults	Penalty Awards
Selects correct control	3	1	3
Continual observation while elevated	5		
Continual observation while in motion	5		
Machine in correct position	3		
Visual checks before lowering	5		
Visual checks before moving	5		
Operates controls smoothly	3		
Selects correct direction	3	1	3
Safe use of mobile controls	5		
Does not hit building/objects	FAIL		
Correct shut down	3		

	Total:	6
	Maximum:	80

PASS

Real time scoring matrices

Virtual reality platform basket replicates MEWP controls and motion providing the trainee with physical sensation of elevation and movement

How it works

Duration:	1 week hire periods	Provisions:	1x VR Unit, 32x scenarios for booms and scissors, 1x Instructor
Operators:	80 per week (30min slot)	Outcome:	Comprehensive testing in simulated real-world environment, followed by a specific and tailored performance and development report
Location:	Allocated area onsite		

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