



Australian Government

A VIM0008 Operate a simulator

Release: 1

AVIM0008 Operate a simulator

Modification History

Release 1. This is the first release of this unit of competency in the AVI Aviation Training Package.

Application

This unit involves the skills and knowledge required to operate a simulator in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

Use of this unit for simulation activities outside of an aviation context is to be in accordance with relevant regulatory, organisational or enterprise procedures.

It includes applying simulation operations safety, conducting pre-operation planning, controlling a simulation activity and performing post-operation activities.

This unit addresses technical skill requirements (physical, mental and task-management abilities) related to training and assessment duties of simulator operators, instructors and assessors, and contributes to safe and effective performance in simple and/or complex operational or training environments.

Operations are conducted as part of recreational, commercial and military simulation activities across a variety of operational contexts within the Australian aviation industry, or other vocational operating environments when required.

Work is performed independently or under limited supervision as a single operator or within a team environment.

Licensing, legislative, regulatory or certification requirements are applicable to this unit.

Pre-requisite Unit

Not applicable.

Competency Field

M – Training and Assessment

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1 Apply simulation operations safety

- 1.1** Access and egress to simulator is conducted in accordance with workplace procedures
- 1.2** Safety and emergency procedures are communicated and actioned as required
- 1.3** Simulator serviceability is monitored in accordance with workplace procedures
- 1.4** Effects of simulation sickness are communicated to participants and treated as required in accordance with workplace procedures
- 1.5** Workplace safety communications are followed in accordance with workplace procedures

2 Conduct pre-operation planning

- 2.1** Appropriate simulation equipment is selected
- 2.2** Simulation activity plan is developed in accordance with activity requirements
- 2.3** Operating manuals are used to support work practices
- 2.4** Simulation data is accessed to suit work practices in accordance with workplace procedures
- 2.5** Simulation data is manipulated to suit work requirements in accordance with workplace procedures
- 2.6** Simulation data is saved in accordance with workplace procedures
- 2.7** Simulation data is stored to suit work requirements in accordance with workplace procedures

3 Control a simulation activity

- 3.1** Liaison with relevant personnel is conducted to determine simulation activity requirements
- 3.2** Simulation activity is commenced
- 3.3** Simulation equipment is employed

- 3.4 Communication with simulation activity participants is maintained
 - 3.5 Abnormal/unusual conditions are monitored and addressed
 - 3.6 Variations to activity conditions are made as requested/required
 - 3.7 Activity is ceased in accordance with simulation activity plan
- 4 Perform post-operation activities**
- 4.1 Simulation results are saved in accordance with workplace procedures
 - 4.2 Activity participants are debriefed as required
 - 4.3 Simulator faults are recorded in accordance with workplace procedures
 - 4.4 Simulation equipment is refurbished/maintained in accordance with workplace procedures

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Unit Mapping Information

This unit replaces and is equivalent to AVIM5001 Operate a simulator.

Links

AVI Training Package Companion Volume Implementation Guide available on VET Net: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=4725260a-0af3-4daf-912b-ef1c2f3e5816>