



Australian Government

A VIW0034 Perform non-pilot cockpit duties

Release: 1

AVIW0034 Perform non-pilot cockpit duties

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 perform non-pilot cockpit duties in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes monitoring aircraft systems during normal flight and monitoring aircraft systems during abnormal and emergency procedures. It also includes monitoring flight conditions and responding to abnormal and emergency situations.

This unit addresses aviation technical skill requirements (physical, mental and task-management abilities) related to equipment and system operations of non-flying pilot (NFP) flight crew and contributes to safe and effective performance in complex operational aviation environments.

Operations are conducted as part of commercial or military aircraft activities across a variety of operational contexts within the Australian aviation industry.

Work is performed independently or under limited supervision within a single-pilot or multi-crew environment.

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

Pre-requisite Unit

Not applicable.

Competency Field

W – Equipment and Systems Operations

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 Monitor aircraft systems during normal flight	1.1 Aircraft systems, sub-systems (equipment) and devices are monitored effectively
	1.2 Aircraft systems, sub-systems (equipment) and devices are monitored using a systematic scan technique
	1.3 Aircraft systems and flight environment information is analysed to identify actual and potential threats or errors
	1.4 Hazards are identified, risks assessed and risk management processes implemented
	1.5 Checklist procedures are completed as appropriate to aircraft system
2 Monitor aircraft systems during abnormal and emergency procedures	2.1 Abnormal or emergency situations are recognised
	2.2 Aircraft flight path is monitored during abnormal and emergency response procedures
	2.3 Affected aircraft system or sub-system is identified and confirmed
	2.4 Appropriate abnormal or emergency procedures are identified
	2.5 Inputs into course of action is provided to achieve safest outcomes
	2.6 Aircraft emergency systems are monitored continually during abnormal and emergency situations
3 Monitor flight conditions	3.1 Instruments are monitored throughout flight for correct indication and operation
	3.2 Aircraft altitude, attitude and heading are monitored
	3.3 Situational awareness is maintained to ensure safe flight
	3.4 Fuel usage is monitored
	3.5 Aircraft operating limits are monitored and advice provided to pilot in command (PIC)
	3.6 Operational documentation is interpreted and information provided to PIC
	3.7 Aircraft operational checks are completed

- 4 Respond to abnormal/emergency situations**
- 4.1** Abnormal/emergency situations are identified and diagnosed
 - 4.2** Abnormal/emergency response is undertaken in accordance with aircraft checklists, pilot directions and organisational policy and 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 not equivalent to AVIY4053 Perform aircrewman cockpit duties.

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>