



Australian Government

AVIE4001 Maintain aircraft radio communications

Release: 1

AVIE4001 Maintain aircraft radio communications

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 maintain aircraft radio communications, in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes operating radio equipment, managing radio equipment malfunctions and operating transponders.

This unit addresses aviation technical skill requirements (physical, mental and task-management abilities) related to aircraft radio operator duties of flight crew, and contributes to safe and effective performance in complex aviation operational environments.

Operations are conducted as part of recreational, commercial and 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.

Use for Defence Aviation is to be in accordance with relevant Defence Orders, Instructions, Publications and Regulations.

Pre-requisite Unit

Not applicable.

Competency Field

E – Communication and Calculation

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 Operate radio equipment	1.1 Serviceability of radio equipment is confirmed
	1.2 Transmission and receipt of radio communications is conducted using appropriate procedures and phraseology
	1.3 A listening watch is maintained and applicable transmissions responded to appropriately
	1.4 Appropriate emergency and urgency transmissions are conducted
2 Manage radio equipment malfunctions	2.1 Radio failure procedures are performed as required
	2.2 Fault-finding procedures and corrective actions not involving special tools or instruments are employed
3 Operate transponder	3.1 Aircraft transponder is operated and monitored in accordance with the aeronautical information publication (AIP) during normal operations
	3.2 Aircraft transponder is operated and monitored in accordance with the AIP during abnormal and emergency operations

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 AVIE4001B Maintain aircraft radio communications.

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=4725260a-0af3-4daf-912b-ef1c2f3e5816>

