



**Australian Government**

# **AVIE0004 Conduct radio procedures in an aviation operational environment**

**Release: 1**

# **AVIE0004 Conduct radio procedures in an aviation operational environment**

## **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 conduct radio procedures in an aviation operational environment in compliance with relevant regulatory requirements and national operating standards.

It includes identifying aviation communications system features, communicating using aviation communications technology, and maintaining aviation communications equipment systems and records.

This unit addresses aviation technical skill requirements (physical, mental and task-management abilities) related to aviation communications duties of aviation personnel 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 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**

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 Identify aviation communications system features**

**1.1** System features and control functions of aviation communications systems are identified

**1.2** Equipment signals and alerts are monitored

**1.3** Aviation communications channels are selected in accordance with aviation procedures

**2 Communicate using aviation communications technology**

**2.1** Aviation communications systems are checked in accordance with manufacturer instructions and airport procedures

**2.2** Aviation communications systems are operated in accordance with manufacturer instructions, airport procedures and regulatory requirements

**2.3** Appropriate aviation communications channels are selected for location and type of communication

**2.4** Clear, precise and unambiguous radio messages are sent with due regard to ethics, protocols and procedures

**2.5** Aviation terminology and message structure are used when communicating using aviation communications technology

**2.6** Incoming messages are received and answered promptly and courteously in accordance with operating procedures and regulatory requirements

**2.7** Non-procedural terminology is used as required to assist message clarity and understanding

**2.8** Aviation communications protocols and procedures are followed when using communications systems during emergencies

**3 Maintain aviation communications equipment systems and records**

**3.1** Communications systems are maintained in working order in accordance with manufacturer instructions

- 3.2 System faults are identified and minor faults are rectified in accordance with manufacturer instructions and procedures
- 3.3 Major system faults are reported in accordance with workplace procedures
- 3.4 Appropriate communications records are completed and processed in accordance with workplace procedures and aviation regulatory requirements

## 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 AVIE2005 Conduct radio procedures in an aviation operational environment.

## 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>