AVIE0001 Operate aeronautical radio

Release: 1

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

It includes operating radio equipment and managing radiotelephone equipment malfunctions.

This unit addresses aviation technical skill requirements (physical, mental and task-management abilities) related to aeronautical radio operator 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.

Use for Defence Aviation is in accordance with relevant Defence Orders and Instructions.

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	Performance criteria describe the performance needed to

	essential outcomes.		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 are responded to appropriately
		1.4	Appropriate emergency and urgency transmissions are conducted
2	**Manage radiotelephone 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

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 but is not equivalent to:

- AVIE3004B Maintain radio communications as part of airport operations
- AVIE3007A Maintain remote pilot aircraft systems (RPAS) aeronautical radio communications).

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=4725260a-0af3-4daf-912b-ef1c2f 3e5816