Assessment Requirements for AVIE2005 Conduct radio procedures in an aviation operational environment

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Modification History

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

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions on at least one occasion and include:

- completing communications records accurately, in accordance with workplace procedures and aviation regulatory requirements
- changing communications channels or frequencies in accordance with workplace or aviation procedures
- communicating effectively with others using available communications equipment, in accordance with aviation communications protocols and procedures
- completing relevant documentation
- diagnosing a radio fault correctly and rectifying the fault in accordance with manufacturer instructions or workplace procedures
- making broadcasts and interpreting radio messages correctly, in accordance with operational policies and procedures
- following communications protocols and procedures used during emergency situations
- identifying and using required communications technology
- implementing work health and safety (WHS)/occupational health and safety (OHS) procedures and relevant regulations
- interpreting and understanding communications and aviation specific terminology
- monitoring performance of communications equipment and taking appropriate action
- operating and adapting to differences in communications equipment in accordance with standard operating procedures
- reading, interpreting and following relevant regulations, instructions, procedures, information and signs
- reporting and/or rectifying identified problems, faults or malfunctions promptly, in accordance with workplace procedures
- responding to radio communication in accordance with aviation communications protocols and procedures
- sourcing and programing the correct aviation channels or frequencies on radio communications equipment
- using correctly, radio communications equipment used in the aviation airport environment
- working collaboratively with others.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions and include knowledge of:

- applicable aviation communications procedures and regulations relating to radio communications at an aerodrome
- aviation communications channels and frequency bands
- aviation terminology and vocabulary
- basic communication techniques including barriers to effective communication and how to overcome them
- basic principles of effective communication
- communications records and documentation in the aviation airport environment
- communications system operation and procedures
- features of various communications systems
- minor routine maintenance procedures for communications equipment
- pre-operational checks for communications systems and equipment
- procedures and protocols for using communications systems during an emergency
- protocols and procedures for communicating with others using communications technology
- typical problems that may occur when using communications systems and appropriate action and solutions.

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the *Standards for Registered Training Organisations* current at the time of assessment.

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Assessment must occur in workplace operational situations. Where this is not appropriate, assessment must occur in simulated workplace operational situations that reflect workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations
- acceptable means of simulation assessment

- applicable documentation including workplace procedures, regulations, codes of practice and operation manuals
- relevant materials, tools, equipment and personal protective equipment currently used in industry.

Links

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