



Australian Government

**Assessment Requirements for AVIY0078
Conduct a 2D very high frequency
omni-directional radio range instrument
approach**

Assessment Requirements for AVIY0078 Conduct a 2D very high frequency omni-directional radio range instrument approach

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 and performance criteria on at least one occasion and include:

- adapting to differences in equipment and operating environment in accordance with standard operating procedures (SOPs)
- applying precautions and required action to minimise, control or eliminate identified hazards
- applying relevant aeronautical knowledge
- applying relevant legislation and workplace procedures
- communicating effectively with others
- completing relevant documentation
- determining conditions permitting descent below minima
- determining very high frequency (VHF) omni-directional radio range (VOR) or VOR/distance measuring equipment (DME) approach procedure applicable minima for aircraft
- identifying and correctly using relevant equipment
- implementing contingency plans
- implementing work health and safety (WHS) procedures and relevant regulations
- interpreting VOR or VOR/DME instrument approach procedure chart
- modifying activities dependent on differing workplace contingencies, situations and environments
- monitoring and anticipating operational problems and hazards and taking appropriate action
- monitoring work activities in terms of planned schedule
- operating electronic communications equipment to required protocol
- performing systematic scan techniques
- reading, interpreting and following relevant regulations, instructions, procedures, information and signs
- reporting and/or rectifying identified problems promptly in accordance with regulatory requirements and workplace procedures
- selecting and using required personal protective equipment (PPE) conforming to industry and WHS standards
- setting local or area barometric pressure adjusted for sea level (QNH) at appropriate stages of flight
- working collaboratively with others

- working systematically with required attention to detail without injury to self or others, or damage to goods or equipment.

Knowledge Evidence

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

- 2D instrument approach procedures and limitations, including:
 - initial approach
 - holding pattern
 - instrument approach procedure
 - missed approach procedures
 - instrument approach procedures and limitations
- abnormal operations and/or emergency procedures for a VOR or VOR/DME approach, including navigation aid failure
- aid signal integrity monitoring techniques
- Civil Aviation Safety Regulation (CASR) Part 61 Manual of Standards (MOS) Schedule 3 Aeronautical Knowledge relevant to instrument flight operations
- emergency procedures
- full scale range on the course deviation indicator (CDI) for a back-course localiser (LLZ)
- how to configure the CDI to achieve command guidance prior to conducting a LLZ approach
- how to operate electronic communications equipment
- loss of radio communication during a VOR or VOR/DME approach procedure
- minimum obstacle clearance criteria during a VOR or VOR/DME approach procedure/missed approach procedure
- navigation aid that provides track guidance for a LLZ approach
- procedure for joining the circuit from a VOR or VOR/DME approach procedure
- procedures for adjusting controls to optimise equipment operation
- procedures for managing and controlling hazardous situations
- radio procedures for a VOR or VOR/DME approach
- relevant sections of national and state or territory regulatory requirements and codes of practice
- relevant WHS and environmental procedures and regulations
- requirements for completing relevant documentation
- sector entry joining procedures for entering the holding pattern of the VOR or VOR/DME approach
- sources of information on differences in equipment and related standard operating and servicing procedures
- steps involved in planning the work activities
- tracking tolerance and altitude limitations for flying the published DME arc of a VOR or VOR/DME approach procedure.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

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 PPE currently used in industry.

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>