



**Australian Government**

**Assessment Requirements for AVIY5035  
Conduct a 2D very high frequency  
omni-directional radio range instrument  
approach**

**Release: 1**

# Assessment Requirements for AVIY5035 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
- 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 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)/occupational health and safety (OHS) 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 clothing and equipment conforming to industry and WHS/OHS 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:
  - 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
- CASR Part 61 Manual of Standards Schedule 3 Aeronautical Knowledge relevant to instrument flight operations
- emergency procedures
- full scale range on the CDI for a LLZ
- how to configure the course deviation indicator (CDI) to achieve command guidance prior to conducting a back course localiser (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/OHS and environmental procedures and regulations
- requirements for completing relevant documentation
- sector entry join 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

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

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

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>