



Australian Government

Assessment Requirements for AVIW0040 Rappel from a helicopter

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.

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:

- adapting to differences in equipment and operating environment in accordance with workplace procedures
- adopting rappel exit positions in accordance with the aircraft operator's manual
- applying control measures and required action to minimise, control or eliminate identified hazards
- approaching and exiting helicopter in a safe manner in accordance with workplace procedures and/or flight crew instructions
- communicating effectively with others, including the use of:
 - hand signals
 - interpersonal communications
 - radio
- completing relevant documentation
- conducting individual in-flight safety checks, including:
 - equipment checks
 - personal protective clothing and equipment checks
 - rappelling equipment checks
 - seatbelt/restraint device
- conducting rappel, operational and safety equipment individual pre-flight and in-flight checks
- descending and landing in a controlled manner in accordance with workplace procedures
- following relevant legislation and workplace procedures
- identifying, operating and controlling rappelling and operational equipment
- implementing work health and safety procedures and relevant regulations
- maintaining situational awareness when conducting rappelling operations
- modifying activities depending on workplace contingencies, situations and environments, including:
 - climate and weather variations
 - geographical and geological variations including sloping and unstable ground
 - ground conditions, including dust and other particles

- variations due to vegetation and urban structures
- monitoring and anticipating operational problems and hazards and taking appropriate action
- operating helicopter restraint, safety and emergency equipment
- 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/OHS standards
- working collaboratively with others
- working systematically with required attention to detail without injury to self, 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, performance criteria and range of conditions and include knowledge of:

- aircraft and emergency rappelling contingency procedures, including:
 - aircraft collision
 - aircraft crash landing
 - aircraft fire
 - aircraft malfunction prior to take-off
 - damaged or kinked rope
 - emergency landing procedures
 - emergency retrieval of rappeller/s
 - engine failure over landing site
 - loss of rappel control during descent
 - loss of visibility
 - rappeller collision with others or obstacles
 - rappeller hang-up
 - rappeller injury on landing
 - rappeller inversion
 - rappeller lost balance during transition (premature exit)
 - rappeller lost brake
 - rappelling rope caught in tree
- assembly point or marshalling area
- characteristics of helicopters, including safety features and operating requirements
- hazards that exist when rappelling from a helicopter
- manufacturer instructions for equipment used for rappelling from a helicopter
- problems that may occur when rappelling from a helicopter
- operational and rappel safety equipment operation, including:
 - commercial in-service rappelling harness

- communications equipment
- descending device/s
- descent rope
- incident response equipment
- individual load carrying equipment
- search and rescue equipment
- relevant documents, including:
 - induction and training materials
 - operations manuals
 - workplace procedures and instructions, and job specifications
- relevant legislation, regulations, workplace policy and procedures in relation to rappelling from a helicopter
- relevant WHS/OHS and environmental procedures and regulations
- risks that exist when rappelling from a helicopter.

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 it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate 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
- applicable documentation, including workplace procedures, regulations, codes of practice and operation manuals
- relevant materials, tools, equipment and PPE currently used in industry.

Links

Companion Volume Implementation Guides are found in VETNet' -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=4725260a-0af3-4daf-912b-ef1c2f3e5816>