



Australian Government

Assessment Requirements for AVIY0092 Conduct airborne extraction operations

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:

- applying precautions and required action to minimise, control or eliminate identified hazards
- applying relevant helicopter aeronautical knowledge
- attaching and security checking extraction equipment
- briefing crew and supervisor in accordance with workplace procedures
- communicating extraction operation progress in accordance with workplace procedures
- communicating helicopter safety hazards, wind speed and direction, approach and overshoot paths
- communicating to pilot, information relevant to aircraft vertical/horizontal position
- completing airborne extraction equipment pre-flight serviceability checks
- completing relevant documentation
- determining and calculating extraction zone characteristics and dimensions
- determining wind speed and direction
- directing personnel to attach and detach from extraction equipment in accordance with workplace procedures
- following relevant legislation and workplace procedures
- identifying, communicating and diagnosing airborne extraction emergencies in accordance with workplace procedures
- operating and adapting to differences in communications equipment in accordance with workplace procedures
- performing operational personnel/equipment weight calculations
- reporting and/or rectifying identified problems, faults or malfunctions promptly in accordance with workplace procedures
- taking actions in a remedial and/or emergency situation in accordance with aircraft flight manuals, organisational policy and workplace procedures
- using communication skills for helicopter control
- 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, performance criteria and range of conditions and include knowledge of:

- airborne extraction emergencies, including:
 - aircraft emergencies
 - extracted personnel unable to detach from rope
 - extraction equipment malfunction
 - extraction equipment or extracted personnel snagged in trees or obstacles
- airborne extraction emergency procedures
- airborne extraction equipment capabilities, correct configuration and limitations
- airborne extraction risk management processes
- airborne extraction safety and configuration
- airborne extraction supervisory personnel
- airborne extraction verbal and non-verbal communication procedures
- aircraft earthing procedures
- approved operational procedures and processes for different airborne extraction operations
- extraction personnel characteristics including:
 - experience of personnel (advanced and beginners)
 - size
 - variations in extraction equipment
 - weight
- helicopter approach and overshoot considerations
- helicopter capabilities and limitations as defined in aircraft publications and documentation
- helicopter safety hazards
- procedures and protocols for using communication systems during an emergency
- relevant regulations, legislation, organisational policy and procedures
- work health and safety issues applicable to extraction operations, aircraft and personnel safety.

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 personal protective equipment (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>