



Australian Government

Assessment Requirements for AVIY3076 Recover remote pilot aircraft systems

Release: 1

Assessment Requirements for AVIY3076 Recover remote pilot aircraft systems

Modification History

Release 1. This is the first release of this qualification in the TLI Transport and Logistics 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 legislation and workplace procedures
- carrying out correct procedures in a go-around/position hold
- communicating effectively with others when recovering remote pilot aircraft systems (RPAS)
- exercising sound judgment when performing recovery procedures
- identifying and correctly using equipment required when recovering an RPAS
- implementing contingency plans
- implementing work health and safety (WHS)/occupational health and safety (OHS) procedures and relevant regulations
- interpreting and following operational instructions and prioritising work
- maintaining compliance with regulatory requirements
- modifying activities depending on 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 communication equipment to required protocol
- reading, interpreting and following relevant regulations, instructions, procedures, information and signs
- recognising and responding to conditions leading to a go-around/position hold
- reporting and/or rectifying identified problems promptly, in accordance with regulatory requirements and workplace procedures
- selecting and using required personal protective equipment conforming to industry and WHS/OHS standards
- using instruments and displays to monitor RPAS performance
- working collaboratively with others when recovering RPAS
- 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 include knowledge of:

- aerodynamic forces involved during recovery, low speed flight and flare
- aeronautical decision making processes
- all required checklist items
- causes of loss of directional control during recovery
- effect of light, and sun on recovery management
- effect of wind on recovery performance
- effective communication
- error management, including error types, causes and consequences
- fatigue risk management
- how to calculate a crosswind component
- human performance and its limitations, including the senses, memory and situational awareness
- in a Defence context, relevant Defence Orders and Instructions
- principles of aerodynamics
- recovery procedures
- relevant sections of Civil Aviation Safety Regulations and Civil Aviation Orders
- stress, workload and time pressure management
- WHS/OHS and environmental procedures and regulations
- windsock and other indicators used to determine wind velocity.

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>