



Australian Government

AVIY3076 Recover remote pilot aircraft systems

Release: 1

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.

Application

This unit involves the skills and knowledge required to recover remote pilot aircraft systems (RPAS), in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority and national operating standards.

It includes recovering the RPAS and managing an aborted/rejected recovery.

This unit addresses aviation technical skill requirements (physical, mental and task-management abilities) related to aircraft operational duties of flight crew and ground personnel, and contributes to safe and effective performance in complex aviation operational environments.

Operations are conducted as part of recreational, commercial and military aircraft activities across a variety of operational contexts within the Australian aviation industry.

Work is performed independently or under limited supervision within a single-pilot or multi-crew RPAS environment.

Licensing, legislative, regulatory or certification requirements are applicable to this unit.

Use for Defence Aviation is to be in accordance with relevant Defence Orders, Instructions, Publications and Regulations.

Pre-requisite Unit

Not applicable.

Competency Field

Y – Aircraft Operation and Traffic Management

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1 Recover RPAS

- 1.1 RPAS is recovered at a controlled rate of descent
- 1.2 Directional control is maintained at all times
- 1.3 Bouncing of RPAS is minimised appropriately
- 1.4 RPAS is stopped within the available area
- 1.5 Post-recovery checks are performed in accordance with approved checklist, manufacturer instructions and workplace procedures

2 Manage aborted/rejected recovery

- 2.1 Situations requiring go-around/position hold are correctly identified
- 2.2 Go-around/position hold is performed in accordance with workplace requirements and regulatory requirements
- 2.3 Effective communication with relevant others is undertaken in accordance with workplace procedures, as required
- 2.4 Power is applied and RPAS is manoeuvred clear of the ground in accordance with workplace procedures, as required
- 2.5 Allowance for wind velocity is made during go-around/position hold, as required
- 2.6 Post recovery abort/rejection procedures are implemented in accordance with workplace procedures

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Unit Mapping Information

This unit replaces and is equivalent to AVIY3076A Recover remote pilot aircraft (RPA).

Links

Companion Volume implementation guides are found in VETNet -

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