



Australian Government

AVIY0051 Conduct helicopter landing site and unprepared helicopter landing site operations

Release: 1

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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 conduct helicopter landing site (HLS) and unprepared helicopter landing site (UHLS) operations in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes preparing for and conducting HLS/UHLS operations.

This unit addresses aviation non-technical skill requirements (mental, social and personal-management abilities) for aircraft operational duties of flight crew 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 under limited or no supervision within a single-pilot or multi-crew environment.

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

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 Performance criteria describe the performance needed to

outcomes.

demonstrate achievement of the element.

1 Prepare for HLS/UHLS operations

- 1.1** Helicopter cabin and/or mission equipment is configured for HLS/UHLS operations
- 1.2** Helicopter flight performance calculations are assessed to meet operational requirements
- 1.3** Weather conditions in operating environment are identified and effects on mission are considered and communicated to other crew members
- 1.4** Visual or map reconnaissance of HLS/UHLS is conducted
- 1.5** In-flight crew briefing is conducted and applicable crew resource management (CRM) and human factor concerns are addressed
- 1.6** Operational requirements are considered and concerns about completing the operation are raised to other crew members
- 1.7** Safety hazards are identified and reported to other flight crew members
- 1.8** Appropriate hazard mitigation strategies are determined and implemented in conjunction with other flight crew members

2 Conduct HLS/UHLS operations

- 2.1** Helicopter position in relation to HLS/UHLS is assessed and information is communicated to other flight crew members to meet operational standards
- 2.2** Obstacles are identified and relative aircraft position is communicated to crew members to maintain situational awareness
- 2.3** Abnormal and emergency situations are identified and communicated to crew to maintain safety of flight

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 AVIY3052 Conduct helicopter landing site and unprepared helicopter landing site operations.

Links

AVI Training Package Companion Volume Implementation Guide available on VET Net: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=4725260a-0af3-4daf-912b-ef1c2f3e5816>