



Australian Government

AVIB0004 Inspect and report on obstacle limitation surfaces

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.

Application

This unit involves the skills and knowledge required to inspect and report on obstacle limitation surfaces (OLS) in compliance with relevant regulatory requirements and national operating standards.

It includes performing a visual inspection of OLS, reporting obstacles in OLS and reporting the return of an aerodrome to the previous status.

This unit addresses aviation technical skill requirements (physical, mental and task-management abilities) related to aerodrome operations duties of ground operational 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 as a single operator or within a team environment.

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

Pre-requisite Unit

Not applicable.

Competency Field

B – Equipment Checking and Maintenance

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 Perform a visual inspection of OLS

- 1.1** OLS are inspected visually and existing approved obstacles inspected for compliance with their approval and objects or structures that have or may become obstacles are identified
- 1.2** Obstacles in OLS are removed in accordance with workplace procedures
- 1.3** Where an obstacle cannot be removed, a determination for reporting, marking or lighting the obstacle is made in accordance with workplace procedures
- 1.4** Approved obstacles are inspected visually and checked for compliance in accordance with regulatory requirements

2 Report obstacles in OLS

- 2.1** Where an obstacle cannot be removed, information required for calculating declared distances and supplementary take off distances is collated in accordance with workplace procedures
- 2.2** All relevant authorities or organisations are notified of the status of obstacles, including breaches of approvals, if obstacles can't be removed and, where required, declared distances for obstacles
- 2.3** All relevant authorities or organisations are notified of appropriate marking and lighting requirements using suitable means of communication in accordance with regulatory requirements and approvals
- 2.4** All relevant authorities or organisations are notified of illegal unmanned aerial vehicle (UAV) operations in air space surrounding aerodrome using suitable means of communication

3 Report return of aerodrome to previous status

- 3.1** OLS are inspected visually to confirm removal of temporary obstacles
- 3.2** Relevant authorities or organisations are notified of removal of temporary obstacles using suitable means of communication
- 3.3** Newly approved permanent obstacle/s are added to monitoring schedule in accordance with regulatory requirements and 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 AVIB3007 Inspect and report on obstacle limitation surfaces.

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>