



Australian Government

AVIB3007 Inspect and report on obstacle limitation surfaces

Release: 1

AVIB3007 Inspect and report on obstacle limitation surfaces

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 of the Civil Aviation Safety Authority (CASA) 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.

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

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 outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1 Perform a visual inspection of OLS	<ul style="list-style-type: none">1.1 OLS are inspected visually and objects or structures that have or may become obstacles are identified1.2 Obstacles in OLS are removed in accordance with workplace procedures1.3 Where an obstacle cannot be removed, a determination for reporting, marking or lighting the obstacle is made in accordance with workplace procedures
2 Report obstacles in OLS	<ul style="list-style-type: none">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 procedures2.2 All relevant authorities or organisations are notified of the status of obstacles and declared distances for obstacles2.3 All relevant authorities or organisations are notified of location of obstacles, where there is no requirement for reporting declared distances2.4 All relevant authorities or organisations are notified of appropriate marking and lighting requirements using suitable means of communication
3 Report return of aerodrome to previous status	<ul style="list-style-type: none">3.1 OLS are inspected visually to confirm removal of temporary obstacles3.2 Relevant authorities or organisations are notified of removal of temporary obstacles, using suitable means of communication

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.

Surfaces which comprise OLS must include:	<ul style="list-style-type: none">• approach and take-off surfaces:<ul style="list-style-type: none">• baulked landing surfaces• conical surface• inner approach surface• inner horizontal surface• inner transitional surface• outer horizontal surface• transitional surface
Relevant authorities for accessing and reporting purposes must include:	<ul style="list-style-type: none">• aerodrome:<ul style="list-style-type: none">• operator or delegated person• users• air traffic control (ATC)• Australian Defence Force (ADF) aerodrome operators• Civil Aviation Safety Authority (CASA)• Notice to Airmen (NOTAM) office (i.e. Airservices Australia)
Declared distances must include:	<ul style="list-style-type: none">• accelerate stop distance (ASDA)• end of take-off distance available (TODA) gradient• landing distance available (LDA)• supplementary take-off distances (STODA) and associated gradients• TODA• take-off run available (TORA)
Suitable means of reporting must include:	<ul style="list-style-type: none">• Method of Working Plan (MOWP)• NOTAM• verbal communications• written communication via fax, email

Unit Mapping Information

This unit replaces and is equivalent to AVIB3007A Inspect and report on obstacle limitation surfaces.

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=4725260a-0af3-4daf-912b-ef1c2f3e5816>