



Australian Government

AVIY0004 Operate at non-towered aerodromes

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 operate at non-towered aerodromes, in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority and national operating standards.

It includes conducting pre-flight preparations, taxiing aircraft, and applying aircraft departure, arrival and landing procedures.

This unit addresses aviation technical skill requirements (physical, mental and task-management abilities) related to aircraft operational duties that complement flight crew non-technical skills, 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 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 Conduct pre-flight preparations	<p>1.1 Relevant non-towered aerodrome operational information is extracted from authorised sources</p> <p>1.2 Information is interpreted to determine appropriate departure, arrival and landing requirements</p> <p>1.3 Special aerodrome procedures are identified as required</p> <p>1.4 Weather forecasts and local observations are checked for operating validity for flight planned duration</p> <p>1.5 Relevant radio and navigation aid frequencies are identified for use during all flight modes</p>
2 Taxi aircraft at a non-towered aerodrome or landing area	<p>2.1 Non-towered aerodrome or landing area charts are used</p> <p>2.2 Local or area barometric pressure adjusted for sea level (QNH) is set</p> <p>2.3 Operating intentions are broadcast via radio telecommunications on appropriate frequency</p> <p>2.4 Local and area traffic information is obtained and interpreted</p> <p>2.5 Aircraft separation and lookout is maintained for other aircraft and for other aerodrome obstructions or hazards</p> <p>2.6 Appropriate aircraft lighting is selected during aircraft taxi</p> <p>2.7 Aerodrome ground markings are identified and appropriate action is taken during aircraft taxi</p> <p>2.8 Aircraft is taxied or air transited to runway holding point</p>
3 Perform aircraft departure	<p>3.1 Runway approaches are checked and cleared in all directions prior to entering runway</p> <p>3.2 Aircraft transponder code and appropriate mode are selected</p> <p>3.3 Aircraft position and operating intentions are broadcast on appropriate frequencies</p> <p>3.4 Aircraft separation is maintained during aircraft departure sequence</p> <p>3.5 Air service provider is advised of departure details as required</p>

- 4 Perform arrival and landing**
- 4.1 Relevant non-towered aerodrome operational information is extracted from authorised sources prior to entering circuit area
 - 4.2 Local or area barometric pressure adjusted for sea level (QNH) is set
 - 4.3 Aircraft position and operating intentions are broadcast on appropriate frequencies
 - 4.4 Aircraft separation and tracking tolerances are maintained
 - 4.5 Wind velocity and direction is assessed to determine appropriate circuit and landing direction
 - 4.6 Non-towered aerodrome runway or landing areas are confirmed as serviceable for landing sequence
 - 4.7 Runway areas and landing areas are checked and confirmed to be clear of landing obstacles and hazards
 - 4.8 Aircraft arrival sequence is conducted in accordance with manufacturer and organisational operating procedures
 - 4.9 Aircraft is landed and cleared from runway and landing areas
 - 4.10 Air service provider is advised of landing details as required

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

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -

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