



Australian Government

AVIY5033 Perform visual circling approach

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 perform a visual circling approach, in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority and national operating standards.

It includes determining minima applicable for visual circling for specified instrument approaches, conducting visual circling procedure following instrument approach using appropriate visual cues, and conducting a missed approach from visual circling.

This unit addresses aviation technical skill requirements (physical, mental and task-management abilities) related to 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 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

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

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

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|---|--|
| 1 Determine minima applicable for visual circling for specified instrument approach | 1.1 Requirement to conduct a circling approach in accordance with aeronautical information publication (AIP) is determined

1.2 Ceiling and visibility minima are determined for circling approach appropriate for instrument approach procedure and category of aircraft being used, in accordance with applicable instrument approach charts |
| 2 Conduct visual circling procedure following instrument approach, using appropriate visual cues | 2.1 Circling procedures are planned and briefed in relation to runway position relative to aircraft as it will appear to pilot when approaching minima

2.2 Circling approach is conducted in accordance with AIP

2.3 Aircraft is controlled and maintained within altitude limitations by reference to instruments

2.4 Aircraft position is controlled and maintained using visual cues

2.5 Lookout is maintained using a systematic scan technique at a rate determined by traffic density, visibility or terrain |
| 3 Conduct missed approach from visual circling | 3.1 Conditions requiring a missed approach are recognised and missed approach procedure is initiated

3.2 Aircraft is manoeuvred to missed approach point (MAPt) and a missed approach procedure is conducted in accordance with applicable instrument approach chart

3.3 Obstacle clearance in instrument meteorological conditions (IMC) is maintained |

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 AVIY5033A Perform visual circling approach.

Links

Companion Volume implementation guides are found in VETNet -

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