Australian Government

AVIY0017 Control aircraft in advanced flight manoeuvres

Release: 2

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Modification History

Release 2. This is the second release of this unit of competency in the AVI Aviation Training Package. Spin types terminology updated as per MOS - 'erect' changed to 'upright'.

'Inverted' term deleted.

Release 1. This is the first release of this unit of competency in the AVI Aviation Training Package.

Application

This unit involves the application of skills and knowledge required to control aircraft in advanced flight manoeuvres in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes recovering from abnormal aircraft attitudes and recovering from an induced fully developed aircraft spin.

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

AVIY0083 Execute advanced aeroplane manoeuvres and procedures.

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 Recover from abnormal aircraft attitudes	**1.1** Abnormal aircraft attitude is recognised
	1.2 Abnormal aircraft attitude recovery procedures are conducted in accordance with the aircraft flight manual (AFM)/pilot's operating handbook (POH)
	1.3 Aircraft controllability checks are performed as required
2 Recover from an induced fully developed aircraft spin	**2.1** Aircraft spin entry is induced
	2.2 Aircraft fully developed spin is established and recognised
	2.3 Direction of aircraft rotation is identified
	2.4 Aircraft spin recovery procedures are performed in accordance with the AFM/POH

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 but is not equivalent to AVIY4066A Control aircraft in advanced flight manoeuvres.

Links

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