



Australian Government

AVIY4063 Perform close formation flight

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 close formation flight in fixed or rotary wing aircraft, in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority and national operating standards.

It includes flying close formation, performing station changes, performing breakaway and rejoin manoeuvres, and managing abnormal and emergency situations during formation flight.

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

PERFORMANCE CRITERIA

Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1 Fly close formation	1.1 Specified echelon formation stations are maintained during flight manoeuvres and phases
	1.2 Specified line astern formation station is maintained during aircraft flight manoeuvres and phases
	1.3 Balanced flight is maintained
	1.4 Clear and concise radiotelephony phraseology or hand signals are utilised to ensure precise advice to formation lead and other formation aircraft
2 Perform station changes	2.1 Aircraft is manoeuvred safely to specified alternative formation stations during flight manoeuvres in accordance with briefed sequence and/or lead's direction
	2.2 Clearance with other formation aircraft is maintained
	2.3 Formation lead changes are conducted as required
3 Perform breakaway and rejoin	3.1 Loss of contact with formation or any other requirement to break away is recognised
	3.2 Break away from formation is implemented
	3.3 Formation is rejoined at specified stations
4 Manage abnormal and emergency situations	4.1 Control of aircraft when operating within formation is maintained
	4.2 Abnormal or emergency situations affecting formation performance are identified and analysed
	4.3 Course/s of action to resolve abnormal or emergency situations are implemented and monitored
	4.4 Task workload and flight safety priorities are organised to ensure optimum outcome of the situation

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 AVIY4063A Perform close formation flight.

Links

Companion Volume implementation guides are found in VETNet -

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