



Australian Government

AVIY5049 Provide area control services

Release: 3

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Modification History

Release 3. This is the third release of this unit of competency in the AVI Aviation Training Package.

Release 2. ISC upgrade - a statement relevant to Defence Aviation has been added to the Application of the unit.

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 provide area control services during air traffic control (ATC) operations in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes managing enroute airspaces and assuring separation.

This unit is applied to specific airspaces that offer varying levels of air traffic services according to the International Civil Aviation Organization (ICAO) and national airspace classifications.

This unit addresses aviation technical skill requirements (physical, mental and task-management abilities) related to ATC duties that complement the non-technical skills of Air Traffic Controllers and contribute to safe and effective performance in complex aviation operational environments.

Operations are conducted as part of commercial and military air traffic services across a variety of operational contexts within the Australian aviation industry.

Work is performed independently or under 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

Y – Aircraft Operation and Traffic Management

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Manage enroute airspace

PERFORMANCE CRITERIA

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

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|-------------|--|
| 1.1 | Traffic priorities are applied in accordance with standard operating procedures (SOPs) |
| 1.2 | Service priorities are applied in accordance with that which is most safety critical |
| 1.3 | Control practices and techniques are adapted to changing airspace environment factors |
| 1.4 | Hazards are identified, risks are assessed, and risk controls are implemented |
| 1.5 | Systematic scan technique of airspaces and air routes is maintained |
| 1.6 | Standard routing is facilitated |
| 1.7 | Preferred routing is facilitated |
| 1.8 | Documented instructions and agreements applicable to jurisdictional area are applied |
| 1.9 | Non-compliance with control instructions and procedures is recognised and addressed |
| 1.10 | Terrain and obstacle clearance is provided |
| 1.11 | Pilot requested altitudes and flight levels are facilitated |
| 1.12 | Aircraft are authorised to use enroute airspaces |
| 1.13 | Control services are provided in accordance with airspace classification and status |
| 1.14 | Airspaces are administered in accordance with user activity |

		1.15	Flight diversions or deviations are facilitated
2	Assure separation	2.1	Conflicts are recognised and resolved
		2.2	Separation is provided
		2.3	Jurisdiction for maintaining aircraft separation is agreed and assigned
		2.4	Alternative separation is provided as required
		2.5	Separation is adjusted when systems are degraded, or airways facilities are reduced
		2.6	Most appropriate separation is provided taking into account safety, expedition and the method of control and surveillance
		2.7	Compromised separation is recognised and addressed

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.

Non-essential conditions can be found in the AVI Aviation Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to AVIY5049A Provide area control services.

Links

Companion Volume Implementation Guides are found in VETNet' -

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