AVIY5048 Provide approach control services

Release: 2

AVIY5048 Provide approach control services

Modification History

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 approach control services during air traffic control operations, in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority and national operating standards.

It includes managing terminal airspaces and assuring separation.

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

This unit addresses aviation technical skill requirements (physical, mental and task-management abilities) related to air traffic control 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 limited 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	PERFORMANCE CRITERIA
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1 Manage terminal airspaces	1.1 Traffic priorities are applied in accordance with standard operating procedure
	1.2 Service priorities are applied in accordance with that which is most safety critical
	1.3 Hazards are identified, risks are assessed and risk controls are implemented
	1.4 Control practices and procedures are adjusted in accordance with changing airspace environment factors
	1.5 Systematic scan technique of terminal airspace and air routes is maintained
	1.6 Standard routing is facilitated
	1.7 Documented instructions and agreements applicable to the area of jurisdiction are applied
	1.8 Non-compliance with control instructions and procedures is recognised and addressed
	1.9 Terrain and obstacle clearance is provided
	1.10 Pilot preferred altitudes or flight levels are facilitated
	1.11 Aircraft are authorised to use terminal airspaces
	1.12 Control services are provided in accordance with airspace classification and status
	1.13 Airspaces are administered in accordance with user activity
	1.14 Flight deviations and diversions are facilitated
	1.15 Suitable runway mode is negotiated with aerodrome control
	1.16 Aircraft release for departure is authorised in accordance

		with runway mode and airspace configuration
	1.17	Aircraft approach to land is authorised in accordance with runway mode and airspace configuration
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 applied taking into account safety, expedition, control method 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 Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to AVIY5048A Provide approach control services.

Links

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