AVIF5003 Manage human performance and team resources during air traffic control operations

Release: 3

AVIF5003 Manage human performance and team resources during air traffic control operations

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 manage human performance and team resources 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 maximising personal performance, managing errors and participating as a team member within an air traffic services environment.

This unit addresses aviation non-technical skill requirements (mental, social and personal-management abilities) related to ATC duties that complement the 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 in various time, weather and traffic conditions associated with psychological and/or physiological limitations to performance.

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

F – Safety 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	**Maximise personal performance**	**1.1**	Factors affecting individual human performance are monitored and managed
		1.2	Assertive communication is used effectively
		1.3	Personal workload is regulated by prioritising work tasks
		1.4	Human machine interface (HMI) is optimised to enhance human performance
		1.5	Decisions taken to manage overall performance are employed
2	**Manage error**	**2.1**	Error prevention techniques are applied
		2.2	Errors are recognised and rectified
		2.3	Undesired states, resulting from errors, are recovered
		2.4	Personal responsibility for own errors is acknowledged
3	**Participate as a team member**	**3.1**	Roles and responsibilities of others are considered and responded to appropriately
		3.2	Duty of care towards others is applied
		3.3	Situational leadership and followership skills are applied to increase team output

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 Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to AVIF5003B Manage human performance and team resources during air traffic control operations.

Links

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