



**Australian Government**

# **AVIZ5049 Manage situational awareness in the air traffic control environment**

**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 manage situational awareness 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 establishing and maintaining situational awareness and contributing to team situational awareness.

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.

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**

Z – Situation Awareness

## Unit Sector

Not applicable.

## Elements and Performance Criteria

### ELEMENTS

Elements describe the essential outcomes.

### PERFORMANCE CRITERIA

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

<b>1</b>	<b>Establish and maintain situational awareness</b>	<b>1.1</b>	Status of the ATC environment is established
		<b>1.2</b>	Incoming information is accurately perceived
		<b>1.3</b>	Pertinent information and elements are comprehended and prioritised
		<b>1.4</b>	Elements within the ATC environment are projected and consequences are established
		<b>1.5</b>	ATC environment is monitored, and status of elements is updated
		<b>1.6</b>	Loss of situational awareness is identified, and actions are taken to recover situational awareness
<b>2</b>	<b>Contribute to team situational awareness</b>	<b>2.1</b>	Team situational awareness is established and monitored
		<b>2.2</b>	Hazards are identified, risks are assessed, and risk controls are implemented
		<b>2.3</b>	Required information is recognised and shared

## 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 is equivalent to AVIZ5049A Manage situational awareness in the air traffic control environment.

## **Links**

Companion Volume Implementation Guides are found in VETNet' -

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