



Australian Government

Department of Education, Employment and Workplace Relations

PUAAMS006B Coordinate search and rescue resources

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

Unit Descriptor

This unit covers the competency to identify, procure and task human and physical resources for Search and Rescue. The requirement to coordinate resources may be national, State and Territory and regional levels.

Application of the Unit

Application of the Unit

The application of this unit in the workplace - the environments, complexities and situations involved - will be written during Phase II of the Review of the PUA00 Public Safety Training Package.

This text will be useful for the purposes of job descriptions, recruitment advice or job analysis; where possible, it will not be too job specific to allow other industries to import it into other Training Packages, where feasible.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisite Unit/s

Nil

Employability Skills Information

Employability Skills This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a Unit of Competency.

Performance Criteria describe the required performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the Required Skills and Knowledge and/or the Range Statement. Assessment of performance is to be consistent with the Evidence Guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Obtain required resources	<p>1.1 Tasks are prioritised and analysed to determine resource requirements in accordance with the rescue plan</p> <p>1.2 The availability of required resources is determined using <i>intelligence gathering methods</i></p> <p>1.3 <i>Strategies for obtaining the required resources</i> are identified as determined by the necessities of the Search and Rescue activity in accordance with <i>organisational policies and procedures</i></p>
2. Organise resources	<p>2.1 <i>Resources</i> are assessed and allocated in accordance with their suitability for the task, equipment carried and availability consistent with <i>organisational policies and procedures</i></p> <p>2.2 Resources are coordinated to ensure timely completion of tasks within <i>physiological and environmental constraints</i></p> <p>2.3 Personnel are encouraged and motivated to complete tasks consistent with organisational policies and procedures</p> <p>2.4 Personnel needs are continually reviewed in accordance with organisational policies and procedures</p> <p>2.5 <i>Support considerations</i> for personnel are taken into account in accordance with organisational policies and procedures</p> <p>2.6 Resource needs are continually reviewed based on intelligence</p>
3. Liaise with supporting authorities	<p>3.1 <i>Contacts</i> are identified in supporting authorities to facilitate liaison and cooperation</p> <p>3.2 Details of contacts and resources/services are recorded and maintained in accordance with organisational policies and procedures</p> <p>3.3 The role and support capabilities of other <i>Search and Rescue authorities</i> are determined through liaison, consultation and exchange of information in accordance with organisational policies and procedures</p> <p>3.4 Advising, activation and deactivation procedures for other Search and Rescue authorities and agencies are initiated in accordance with policies and procedures</p>

ELEMENT**PERFORMANCE CRITERIA****Required Skills and Knowledge****REQUIRED SKILLS AND KNOWLEDGE**

This describes the essential skills and knowledge and their level, required for this unit.

Required Skills

- The ability to:
- collect and analyse information
- cooperate as part of a team with minimum supervision
- effectively communicate and consult with a range of individuals by a range of means including fax, telephone and face-to-face
- negotiate

Required Knowledge

- Evidence of:
- accessing the various databases for contact names/numbers for resource allocation
- types of assets that are suitable for situations including:
- land search
- maritime search
- coastal search
- duration
- equipment range and performances of resources available for Search and Rescue
- policy relating to the secondment of Australian Defence Force assets for Search and Rescue
- each person's role within the Rescue Coordination Centre (RCC)
- understanding of organisational policies and procedures
- understanding of personnel entitlements and administrative procedures
- understanding of occupational health and safety requirements
- understanding of technical maintenance state of Search and Rescue resources

Evidence Guide

EVIDENCE GUIDE

Critical aspects for assessment and evidence required to demonstrate competency in this unit

Identify and obtain relevant resources
 Knowledge in allocating appropriate assets to suit the situation
 Assessing the capabilities and limitations of assets and continual review of resources

Consistency in performance

In order to assess these performance criteria it may be necessary for evidence to be collected over a period of time

Context of and specific resources for assessment

Context of assessment

Evidence can be collected on the job or may be undertaken in a simulation

Specific resources for assessment

On job assessment will not entail additional resources
 However, rosters may need to be amended in order for simulation eg Search and Rescue exercise (SAREX) to be effected

Guidance information for assessment

Information that will assist or guide assessment will be written during Phase II of the Review of the PUA00 Public Safety Training Package.

Range Statement

RANGE STATEMENT

The Range Statement relates to the Unit of Competency as a whole. It allows for different work environments and situations that may affect performance. ***Bold italicised*** wording in the Performance Criteria is detailed below.

Intelligence gathering methods may include

Interrogating databases
making phone calls

Resources may include

Human resources - personnel within own work area and other areas and personnel from outside statutory bodies/agencies

such as:

- Australian Defence Force (ADF)
- police
- voluntary agencies
- owners/agents
- offshore mineral/energy facilitates and international agencies

Physical resources:

- equipment
- facilities
- vehicles
- vessels
- aircraft
- fuel
- accommodation
- computer-based Search and Rescue systems
- ADF/police assets
- communications systems and stationery

Organisational policies and procedures protocols may include

National Search and Rescue Manual
International Search and Rescue Manual and reference texts
legislation relevant to the operation/incident/response
legislation relevant to the organisation
operational, corporate and strategic plans
operational performance standards
organisational personnel practices and guidelines

RANGE STATEMENT

	organisational quality standards
Physiological constraints may include	hypothermia hyperthermia physical condition age sex mental condition health
Environmental constraints may include	terrain weather conditions
Human resource support considerations may include	welfare health (mental and physical) safety overtime transport communications management of stress occupational health and safety
Strategies for obtaining resources may include	conducting a cost/benefit analysis and risk analysis formal applications both internal and external verbal requests
Contacts may include	individuals within organisations sections of an organisation(s) or general members of the public
Search and Rescue (SAR) authority is	one of the designated search and rescue authorities in Australia and overseas as defined in the National Search and Rescue manual
Support considerations may include	revising make-up of shifts meals and refreshments breaks

RANGE STATEMENT**Reference publications/material/documents may include**

accommodation
 fuel
 IMO Manual
 ICAO Manual
 NATSAR Manual
 MERSAR Manual
 Organisational policies and procedures

Databases may include

AusSAR
 SAR light calculator
 tidal predictions
 conversion tables
 SAR datum
 Maritime SAR planning
 Skyglobe
 TSD
 Sightmaster
 SHR
 COORDS
 Vector calculator
 SOS

Unit Sector(s)

Not applicable.

Corequisite Unit/s

Co-requisite Unit/s

PUAAMS007B Coordinate search and rescue operations

PUACOM003B Manage information

PUATEA001B Work in a team