



Australian Government

Department of Education, Employment and Workplace Relations

DEFCA103B Supervise an armoured fighting vehicle and crew

Release: 1

DEFCA103B Supervise an armoured fighting vehicle and crew

Modification History

Not applicable.

Unit Descriptor

Unit Descriptor

This unit covers the competency required to command, lead and manage an armoured fighting vehicle (AFV) and its crew on operations.

Command is the authority a commander in the military service lawfully exercises over subordinates by virtue of rank or assignment.

This unit also includes the skills and knowledge required to lead and manage under extreme conditions in a high-risk environment. It therefore requires supervisors to be incisive in a fluid and demanding environment, to act independently, and to lead by example.

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	DEFCA102B Operate and maintain armoured fighting vehicle weapon systems
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Employability Skills Information

Employability Skills	This unit contains employability skills.
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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. Prepare the armoured fighting vehicle for operation

- 1.1 Crew competence is assessed and maintained in accordance with **standard procedures**
- 1.2 Crew are prepared in accordance with standard procedures
- 1.3 Crew personnel administration is managed in accordance with standard procedures
- 1.4 Requirement to supervise the crew of an **armoured fighting vehicle**, its **weapons**, and **ancillary equipment**, is received from **orders** and standard procedures, and is understood and accepted
- 1.5 Vehicle is checked for **serviceability** and **prepared** for **operations** in accordance with standard procedures
- 1.6 **Constraints** and **risks** relevant to the task are determined and managed in accordance with standard procedures
- 1.7 Identification, handling and preparation of in-service **ammunition** is supervised in accordance with standard procedures
- 1.8 **Resources required** for the performance of the task are determined in accordance with standard procedures
- 1.9 Identified problems/shortfalls are reported to supervisor in accordance with standard procedures
- 1.10 **Deployment** of the armoured fighting vehicle into areas of operations is supervised in accordance with standard procedures

2. Supervise and command the operation of the armoured fighting vehicle

- 2.1 Individual decision making process is conducted in accordance with standard procedures
- 2.2 Orders are prepared and delivered to crew in accordance with standard procedures
- 2.3 **Battle procedure** is coordinated and conducted in accordance with standard procedures
- 2.4 Liaison is conducted in accordance with operational requirements and standard procedures
- 2.5 Armoured fighting vehicle is employed in accordance with tasks as directed
- 2.6 When required, AFV is **driven** at a basic level in

3. Supervise the completion of armoured fighting vehicle tasks

accordance with standing orders for vehicle operations

2.7 Crew tasks are supervised in accordance with standard procedures

2.8 **Occupational health and safety (OH&S) requirements and recognised safety precautions** including those contained in Australian Defence Force procedures, are applied throughout the operation in accordance with standard procedures

2.9 Vehicle **tactical operating techniques** are applied in accordance with orders and standard procedures

2.10 Operation of the **vehicle communications systems** is supervised in accordance with standard procedures

2.11 Minor incidents are dealt with

2.12 Major incidents beyond the supervisor's level of authority or competence to deal with are reported to managers and action is taken as directed

3.1 Documentation including reports and returns are completed and maintained in accordance with standard procedures

3.2 **Maintenance** is supervised and conducted in accordance with standard procedures

3.3 **Debriefing** is conducted as appropriate in accordance with standard procedures

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

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

Required Skills

- allocate appropriate materials and personnel to the task
- direct, brief, coordinate and monitor personnel
- interpret orders, instructions and directions
- operate armoured fighting vehicle weapon systems and ancillary equipment
- provide reports and appropriate documentation

Required Knowledge

- armoured tactics and standing operating procedures
- characteristics, technical capabilities, effects, employment and limitations of relevant:
 - ammunition
 - communications equipment
 - drive trains and sub systems
 - specialist equipment
 - weapons
- command and control procedures
- OH&S requirements
- procedures and requirements in the performance of the task
- reporting requirements and procedures
- resource allocation processes
- safety precautions associated with the task
- vehicle documentation and record compilation

Evidence Guide

EVIDENCE GUIDE

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

Assessment must confirm the ability to apply the authority and responsibility for effective supervision using available resources and for planning the employment of, organising, directing, coordinating and controlling the crew in the accomplishment of assigned tasks; to work within own authority and commander's intent; to display leadership; to supervise and command within an offensive and defensive operation.

Consistency in performance

Competency should be demonstrated over time and observed in a range of environments. This may be in an operational or simulated operational setting.

Context of and specific resources for assessment

Context of assessment

Competency should be assessed in the context of commanding an armoured fighting vehicle crew and should replicate the requirements described in the Range Statement in this Unit of Competency. The context of assessment would usually be simulated due to the nature of this high-risk environment.

Specific resources for assessment

Access to a simulated or actual operational environment, an armoured vehicle, its crew, weapons, equipment and ammunition.

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.

Standard procedures may include

Australian Standards
Briefs
Doctrinal pamphlet
Duty statements
Legislative requirements
Manufacturers' handbooks, industry specifications and technical instructions
OH&S regulations
Organisational policies and procedures
Procedure manuals
Relevant local government by-laws
Relevant state/territory or federal legislation
Routine Orders
Standing Orders
Standing Operating Procedures
Technical and tactical procedures
Written or verbal orders

Armoured fighting vehicle may include

All current in-service equipment:

- main battle tank family of vehicles (MBT FOV)
- Australian light armoured vehicle family of vehicles (ASLAV FOV)
- armoured personnel carrier family of vehicles (APC FOV)

Armoured fighting weapons may include

Machine gun MG3 N/AA
.50 cal M2 HB MG
.30 cal MG L3A3/4
MAG 58 MG
MBSGD
12.7 QCB MG

RANGE STATEMENT

	Gun 105 mm TK L7A3
	25 mm Bushmaster
Ancillary equipment may include	Binoculars
	Generators
	Global positioning system
	Night fighting equipment
	Surveillance equipment
Orders may include	Warning Orders
	Quick Orders
	Deliberate Orders
	Fire Orders
	And may be:
	• formal or informal • written, verbal or transmitted electronically
Serviceability checks may include	Ancillary equipment
	Basic maintenance and fault finding
	Communication checks
	Functionality of key operating components
	Vehicle servicing
	Weapon systems operation
Vehicle preparation may include	Battle preparation
	Camouflage
	Equipment stowage
	Preparation for air transportation
	Preparation for land transportation
	Preparation for sea transportation
	Preparation for water operations
Operations may include	Defensive
	Offensive
	Operations other than war
	Security

RANGE STATEMENT**Constraints may include**

Crew safety
Environmental conditions
Experience
Health
Morale
Operational tempo and conditions
Resources
Terrain
Time
Training short falls
Troops to task
Welfare

Risk is

The potential for injury or loss
The potential for a hazardous event or hostile action to occur
A combination of consequence, exposure and probability/likelihood of a specified hazardous event or hostile action

Ammunition may include

All current in-service ammunition:

- 5.56 mm
- 7.62 mm
- 9 mm
- .50 cal/12.7 mm
- .30 cal
- 25 mm
- 40 mm
- 66 mm
- 76 mm grenades
- 84 mm
- 105 mm
- F1 grenade

And can be identified by:

- colour
- hazard band
- labelling

RANGE STATEMENT

	• lot/batch numbers • markings • nomenclature • packaging • type
Resources required may include	Ammunition Any allocated support Materials Terrain Time Vehicle Weapons
Deployment may include	Movement into the area of operations by air, land or sea
Battle procedure includes	Concurrent activity Early warning Efficient use of time Military appreciation process Rehearsals Warning orders
Driving an AFV at a basic level includes	In first gear In reverse gear
Tasks may include	Implementing orders and directions Deploying the AFV, using: • navigation • site and selection of vehicle position • battlecraft • fieldcraft Application of fire through: • weapon handling • selection of weapon system • selection of engagement technique • selection of ammunition • terminal effects

RANGE STATEMENT

Occupational health and safety (OH&S) requirements and recognised safety precautions may be	Maintaining communications
	Operating armoured ancillary equipment
	Applied appropriately to the operational environment and context
Tactical operating techniques may include	Adoption of fire positions
	Individual vehicle craft
	Methods of movement
	Surveillance and counter surveillance techniques
Vehicle communication systems may include	Associated communication accessories
	Battlefield command support system
	Cypher equipment
	HF installation
	Remote and line equipment
	UHF installation
	VHF installation
Equipment maintenance may include	Vehicle intercommunication system
	Ancillary equipment
	Maintenance of the armoured fighting vehicle and its sub systems
	Non technical inspection
	Servicing
Debriefing may include	Formal
	Informal
	Written, personal or transmitted electronically

Unit Sector(s)

Not applicable.

Corequisite Unit/s

Co-requisite Unit/s Nil