



Australian Government

**DEFMIL071 Supervise the destruction of
hostile air targets using line of sight ground
based AD weapon systems**

Release: 1

DEFMIL071 Supervise the destruction of hostile air targets using line of sight ground based AD weapon systems

Modification History

Release	Comments
1	This unit was released in DEF Defence Training Package release 1.0 and meets the Standards for Training Packages. This unit supersedes and is equivalent to DEFCA213 Supervise the destruction of hostile air targets using line of sight ground based air defence weapon systems. • Unit code updated • Content and formatting updated to comply with the new standards • All PC transitioned from passive to active voice

Application

This unit describes the skills required to supervise and control all aspects of the operation of a direct fire ground based missile system designed to destroy hostile aircraft. It is specifically written for visual range ground based air defence weapon systems. The control of the ground based missile system requires target interrogation, analysis, engagement and decision making based on tactical information, situational awareness and observed target activity.

This unit applies to combat arms personnel involved in the operation of a direct fire ground based missile system in a deployed operational environment.

The skills and knowledge described in this unit must be applied within the legislative, regulatory and policy environment in which they are carried out. Organisational policies and procedures must be consulted and adhered to.

Those undertaking this unit would work under the commander's direction, however they must be able to act independently. They use discretion and judgement, and take responsibility for the quality of their outputs. They would perform specific tasks in a broad range of unpredictable contexts.

No licensing, legislative or certification requirements apply to unit at the time of publication.

Competency Field

Military Skills

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions section.
1. Prepare and deploy	1.1 Determine and organise resources required for the performance of the task in accordance with orders. 1.2 Report identified problems/shortfalls to immediate supervisor. 1.3 Move to a directed location and maintain concealment, in accordance with orders. 1.4 Deploy ground based air defence system in accordance with orders. 1.5 Establish and integrate system and check for functionality.
2. Control the engagement of targets	2.1 Analyse advice on the operational situation to inform the engagement process. 2.2 Direct and control ground based air defence system operations in accordance with orders. 2.3 Transmit operational data to the command post. 2.4 Rectify minor incidents. 2.5 Report major incidents beyond own level of authority or competence to manager/s and take action as directed.
3. Conduct maintenance	3.1 Supervise operator maintenance activities. 3.2 Perform maintenance activities.
4. Redeploy	4.1 Prepare for redeployment. 4.2 Move from one directed location to another in accordance with orders.

Foundation Skills

The foundation skills demands of this unit have been mapped for alignment with the Australian Core Skills Framework (ACSF). The following tables outline the performance levels indicated for successful attainment of the unit.

ACSF levels indicative of performance:

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Learning					Reading					Writing					Oral communication					Numeracy NA				

Performance variables:

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Support					Context					Text complexity					Task complexity				

Further information on ACSF and the foundation skills underpinning this unit can be found in the Foundation Skills Guide on the GSA website.

Unit Mapping Information

This unit supersedes and is equivalent to DEFCA213 Supervise the destruction of hostile air targets using line of sight ground based air defence weapon systems.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6bdbab1e-11ed-4bc9-9cba-9e1a55d4e4a9>

Companion Volume implementation guides are found in VETNet -

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Assessment Requirements for DEFMIL071 Supervise the destruction of hostile air targets using line of sight ground based AD weapon systems

Modification History

Release	Comments
1	These Assessment Requirements were released in DEF Defence Training Package release 1.0 and meet the Standards for Training Packages. Assessment Requirements created drawing upon specified assessment information from superseded unit

Performance Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the candidate must demonstrate evidence of performance of the following on at least one occasion.

- communicating effectively
- interpreting orders, instructions and directions
- managing a small team
- operating communication equipment
- recognising aerial targets
- recognising own level of authority
- identifying correctly a number of different types of aerial targets
- prioritising targets in a high intensity situation encountered in a threat environment
- directing fire in a clear and concise manner
- taking appropriate action in the event of misfire and cancelling missile in flight

Knowledge Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the depth of knowledge demonstrated must be appropriate to the job context of the candidate.

- airspace control measures
- characteristics, technical capabilities, effects and limitations of air defence systems
- communication networks
- ground based air defence command structure
- principles of camouflage

- radar principles
- relevant WHS requirements

Assessment Conditions

Competency should be assessed in an actual workplace or in a simulated environment, with access to equipment and infrastructure appropriate to the outcome. Competency should be demonstrated over time to ensure the candidate is assessed across a variety of situations.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

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