



Australian Government

DEFTRP003 Operate a vehicle over difficult terrain

Release: 1

DEFTRP003 Operate a vehicle over difficult terrain

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 DEFTP003B Operate a vehicle over difficult terrain. • 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 prepare a vehicle and drive over difficult terrain, including cross country and other off road situations. This involves the application of low risk driving techniques, dealing with hazards, and the assessment (where necessary) and the safe negotiation of obstacles, including water courses such as rivers and streams. The driver must be able to deal with contingencies related to an emergency that may occur in the hazardous situations that may be encountered in driving over difficult terrain under field conditions.

This unit was developed for military drivers in a threat environment, but is applicable to any individuals who work in this field.

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 independently or as part of a team, under direct and indirect supervision, use discretion and judgement, and take responsibility for the quality of their output. They would perform complex tasks in a broad range of unpredictable contexts.

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

Competency Field

Transport

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 a vehicle for driving over difficult terrain	1.1 Conduct serviceability check of a vehicle for driving over difficult terrain. 1.2 Rectify and/or report any vehicle faults. 1.3 Configure vehicle for driving in difficult terrain.
2. Drive over difficult terrain	2.1 Conduct reconnaissance of the terrain to be traversed by map and/or visual observation identifying potential hazards, including entry and exit routes, obstructions and bypasses. 2.2 Plan task and discuss potential hazards and contingency actions with a supervisor. 2.3 Reconfigure vehicle and adjust the load as necessary. 2.4 Apply low risk driving techniques when driving over difficult terrain. 2.5 Apply vehicle contingency actions when required to deal with accidents and emergencies that may occur when negotiating hazards.
3. Refurbish vehicle	3.1 Inspect vehicle for damage after hazardous situations are negotiated and on completion of the task. 3.2 Rectify and/or report faults and damage to the supervisor. 3.3 Clean and reconfigure vehicle and load as necessary for standard driving conditions.

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 NA					Reading					Writing					Oral communication					Numeracy				

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 DEFTP003B Operate a vehicle over difficult terrain.

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 DEFTRP003 Operate a vehicle over difficult terrain

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.

- carrying out contingency actions
- recovering a vehicle
- applying first aid
- evacuating injured people
- reading maps and use navigational aids
- conducting route reconnaissance and task planning
- driving a vehicle over difficult terrain including:
 - crossing a defile
 - crossing soft terrain
 - crossing a water obstacle
 - negotiating thick scrub
- dealing with contingencies including:
 - engine stall on a steep grade
 - breakdown of a vehicle while crossing a water obstacle
 - recovery of a vehicle from an obstacle
 - recondition a vehicle after driving in difficult terrain
- preparing and driving a vehicle over difficult terrain in a range of environments by day and night, and dealing with contingencies in hazardous situations
- applying sound judgement, this must be displayed in the analysis of difficult terrain to determine whether it is trafficable, and if so, what are the implications for vehicle preparation, safety of passengers and load planning

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.

- route and task planning
- obstacles and hazards
- vehicle capabilities

Assessment Conditions

Competency should be demonstrated over a time frame that allows for driving a vehicle over a variety of difficult terrain, encountering hazardous situations and applying contingency actions all under a range of field conditions.

Competency should be assessed using a number of practical assessments of driving over difficult terrain including inclines and declines (to the rated capability of the vehicle), waterways, thick scrub, defiles, sand and soft bottoms. Individuals should be assessed in each of these environs and then collectively over a 'vehicle run' in which a number of the types of difficult terrain, including watercourses, are encountered requiring a contingency response.

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

Links

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