



Australian Government

DEFTP002B Operate a vehicle at night

Release 2

DEFTP002B Operate a vehicle at night

Modification History

Release	TP version	Comments
2	DEF12 V2	Layout adjusted.
1	DEF12 V1	First release.

Unit Descriptor

This unit covers the competency required to drive, navigate and direct a **vehicle** at night under **field conditions** using white, reduced and blackout lighting where the threat(s) by an adversary or enemy may prohibit the full use of normal vehicle headlights, tail lights and interior lighting.

In these circumstances, to assist in the control, operation and navigation of the vehicle, the driver may use guides and other aids, including specialist 'blackout' lighting equipment fitted to vehicles.

This unit does not include the use of night fighting equipment, which is addressed in competency DEFTP004B.

Application of the Unit

As agreed in the creation of this Training Package, applications for units transferred from the PUA00 Public Safety Training Package will be developed as part of continuous improvement plans, and taking into account the change in Unit of Competency format as detailed in templates for Streamlined Training Packages.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

DEFTP003B Operate a vehicle over difficult terrain
TLIH3002A Plan and navigate routes

Employability Skills Information

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 Range Statement. Assessment of performance is to be consistent with the Evidence Guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Prepare a vehicle for driving at night	1.1 <i>Serviceability check</i> of a vehicle and any <i>external aids</i> to night driving is conducted 1.2 Any faults are rectified or reported in accordance with standard procedures 1.3 <i>Vehicle is configured for night driving</i> in accordance with <i>standard procedures and instructions</i>
2. Drive a vehicle at night	2.1 Vehicle is driven at night using various <i>types of lighting</i> and external aids in different types of terrain, road and light conditions 2.2 Directions from a co-driver and a guide, both with and without the assistance of external aids, are responded to 2.3 Vehicle is navigated at night using <i>navigational equipment</i>
3. Direct a vehicle at night	3.1 Appropriate external aids, are identified, obtained and checked for serviceability 3.2 Any vehicle faults are rectified or reported in accordance with standard procedures 3.3 Vehicle is directed using external aids in accordance with standard procedures 3.4 External aids are retrieved, checked and returned to storage area

Required Skills and Knowledge

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

Required Skills

- scan terrain
- judge terrain, distance and speed at night
- drive a vehicle at night under normal lighting conditions
- manoeuvre a vehicle in confined spaces
- navigate a vehicle
- respond to directions when driving
- participate in team
- encourage other team members
- use a variety of verbal and non-verbal communication techniques including language style, active listening
- read and implement written or verbal orders and procedures
- read maps and use navigational aids

Required Knowledge

- WHS requirements for driving at night
- characteristics of night vision
- vehicle navigation
- vehicle signalling and directing techniques
- team work principles and strategies
- techniques for supporting others
- composition of teams and roles and responsibilities of team members
- verbal and non-verbal communication techniques including language style, active listening

Evidence Guide

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

Assessment must confirm the ability to prepare a vehicle for night driving then drive the vehicle under field conditions in a range of environments such as cross-country, and on tracks and formed roads utilising the three types of lighting under a range of lighting and driving conditions.

Assessment must also confirm the ability to:

- drive and navigate a vehicle at night using white, reduced and blackout lighting
- respond to directions from a co-driver and guides
- act as guide while using external aids

Consistency in performance

Competency should be demonstrated as part of a broader assessment activity involving the tactical deployment of drivers and vehicles over an extended period.

Context of and specific resources for assessment

Context of assessment

Competency should be assessed progressively with the levels of complexity of driving with reduced lighting increasing i.e. the sequence should be white, reduced then blackout. Activities should commence with the receipt of instructions for a night move. The individual should be assessed in the inspection and preparation of the vehicle for night driving.

Assessment under the particular light condition should test the individual's competence including the conduct of more complex tasks such as manoeuvring in confined spaces with and without the use of guides and associated aids. Navigation may be assessed as part of a vehicle navigation exercise conducted under various lighting conditions driving cross-country as well as on tracks and sealed roads.

Specific resources for assessment

Access to:

- suitable training and assessment area to simulate operational conditions
- vehicle with complete equipment schedule
- external aids and navigation equipment listed in the 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.

<i>Vehicles</i> may include:	• All wheeled road transport vehicles (in Defence this equates to B class vehicles)
<i>Field conditions</i> include:	• Work conducted under exposed conditions • A variety of road, terrain and vegetation conditions • A range of typical weather conditions
<i>Serviceability check</i> may include:	• Operation of the vehicle, accessories and equipment • Operation of brakes, instruments and lights, including blackout lighting • Aids such as torches, lamps and flares
<i>External aids</i> include:	• Torches, lamps and street lights • Flares, cylume sticks and illumination • Use of signs, markers, tape and fluorescent devices • Guides
<i>Night driving</i> includes:	• Moving in a forward direction, including overtaking • Reversing • Parking • Manoeuvring in confined spaces
<i>Configuring a vehicle for night driving</i> may include:	• Attaching tape and markers to a vehicle to aid observation and recognition • Removing camouflage material • Painting/cleaning blackout makers • Fitting specialist equipment
<i>Standard procedures and instructions</i> refer to:	• Written and verbal orders and instructions • Standing orders, routine orders, procedures manuals, doctrine pamphlets, job guides and other publications • Defence Road Transport Instructions, Driver's Handbook, Vehicle user's handbook • WHS requirements for driving a vehicle at night • Procedures prescribed for the vehicle by the relevant state/territory traffic authority and the parent Defence unit/formation for operating at night
<i>Types of lighting</i> may include:	• Moon and limited visibility • Full or partial artificial illumination • White • Reduced • Blackout

<i>Navigational equipment</i> may include:	• Maps, navigation data sheet, route cards, odometer, compass and Global Positioning System (GPS)
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Unit Sector(s)

Not applicable.