

Syllabus Report (SYL)

CorePass® Off-Road Vehicle Recovery



7039:2025

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| IQF Level | 3 | IQF Credit | 2 |
| Approved References | "The Total Approach of Getting Unstuck Off Road: 4WD self-recovery and vehicle assisted recovery" by Robert Wohlers "Four-by-four Driving" by Tom Sheppard (4th Edition) "Complete Guide to Four-Wheel Drive" by Andrew St. Pierre White "4WD Driving Skills: A manual for on and off-road travel" by Vic Wildman "4WD Glovebox Guide: Essential Driving Skills and Recovery Techniques" by Robert Pepper "The Four-Wheeler's Bible: The Complete Guide to Off-Road and Overland Adventure Driving" by Jim Allen & James Weber. | | |
| Special Notes | Must hold the appropriate driver license and endorsements as required by local law and regulations, if operating the vehicle. | | |

Identify principles of vehicle recovery and associated risks 703925D01

Performance Identify the principles of vehicle recovery and the associated risks

Standards In accordance with approved references and organisational doctrine.

Conditions

Comments

Describe the various types of vehicle recovery equipment 703925D02

Performance Describe the various types of vehicle recovery equipment.

Standards In accordance with approved references and organisational doctrine.

Conditions

Comments Range: winches, traction boards, recovery straps, high-lift jacks, ground anchors.

Explain the importance of vehicle attachment points in vehicle recovery 703925D03

Performance Explain the importance of vehicle attachment points and their proper use in recovery operations

Standards In accordance with approved references and organisational doctrine.

Conditions

Comments

Explain the different recovery techniques for various terrains 703925D04

Performance Explain the different recovery techniques for various terrains.

Standards In accordance with approved reference and organisational doctrine.

Conditions

Comments Range: mud, sand, snow, rocky landscape, tyre deflation, tyre inflation.

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| Identify legal and safety considerations in vehicle recovery operations. | 703925D05 |
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| Performance | Identify legal and safety considerations in vehicle recovery operations. |
| Standards | In accordance with approved references, organisational doctrine and local laws/regulations. |
| Conditions | |
| Comments | |

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| Assess vehicle recovery situation and select appropriate techniques and equipment | 703925D06 |
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| Performance | Assess vehicle recovery situation and select appropriate techniques and equipment. |
| Standards | In accordance with approved references and organisational doctrine. |
| Conditions | Given a practical scenario with off-road vehicle requiring recovery and range of suitable equipment. |
| Comments | |

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| Set up and operate vehicle recovery winches | 703925D07 |
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| Performance | Set up and operate vehicle recovery winches. |
| Standards | In accordance with approved references and organisational doctrine. |
| Conditions | Given a practical scenario with off-road vehicle requiring recovery and range of suitable equipment including winch. |
| Comments | Range: minimum of two of the following; electric, hand-operated, Power-Take-Off, hydraulic. |

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| Apply proper techniques for using traction boards and vehicle recovery straps. | 703925D08 |
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| Performance | Apply proper techniques for using traction boards and vehicle recovery straps. |
| Standards | In accordance with approved references and organisational doctrine. |
| Conditions | Given a practical scenario with off-road vehicle requiring recovery and range of suitable equipment including traction boards and recovery straps. |
| Comments | |

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| Operate high-lift jacks safely and effectively in vehicle recovery situations. | 703925D09 |
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| Performance | Operate high-lift jacks safely and effectively in vehicle recovery situations. |
| Standards | In accordance with approved references and organisational doctrine. |
| Conditions | Given a practical scenario with off-road vehicle requiring recovery and range of suitable equipment including high-lift jack/s and recovery strap/s |
| Comments | |

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| Implement appropriate safety measures for vehicle recovery operations. | 703925D10 |
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| Performance | Implement appropriate safety measures for vehicle recovery operations. |
| Standards | In accordance with approved references and organisational doctrine. |
| Conditions | Given a practical scenario with off-road vehicle requiring recovery and range of suitable recovery and safety equipment. |
| Comments | Range: safety briefing, personal protective equipment, kinetic energy containment devices, signals. |

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| Identify suitable and unsuitable anchor points for vehicle recovery. | 703925D11 |
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| Performance | Identify suitable and unsuitable anchor points for vehicle recovery. |
| Standards | In accordance with approved references and organisational doctrine. |
| Conditions | Given a practical scenario with off-road vehicle. |
| Comments | |

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| Perform vehicle recovery using various methods. | 703925D12 |
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| Performance | As part of a team, perform vehicle recovery using various methods. |
| Standards | In accordance with approved references and organisational doctrine. |
| Conditions | Given a practical scenario with off-road vehicle and range of recovery and safety equipment. |
| Comments | Range: winching, kinetic recovery, strap recovery, self-recovery. |

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| Utilise ground anchors and vehicle attachment points during recovery operations. | 703925D13 |
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| Performance | Utilise ground anchors and vehicle attachment points during recovery operations. |
| Standards | In accordance with approved references and organisational doctrine. |
| Conditions | Given a practical scenario with off-road vehicle and range of recovery (including ground anchors) and safety equipment. |
| Comments | |

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| Execute proper techniques for recovering vehicles. | 703925D14 |
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| Performance | Execute proper techniques for recovering vehicles. |
| Standards | In accordance with approved references and organisational doctrine. |
| Conditions | Given a practical scenario with off-road vehicle and range of recovery (including ground anchors) and safety equipment. |
| Comments | Range: a minimum of one of the following environments: mud, snow, rock, sand. |

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| Conduct post-use inspections and maintenance of vehicle recovery equipment | 703925D15 |
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| Performance | Conduct post-use inspections and maintenance of vehicle recovery equipment |
| Standards | In accordance with approved references and organisational doctrine. |
| Conditions | Given a range of equipment used in vehicle recovery operations. |
| Comments | |