

MOTOR T T&R MANUAL

CHAPTER 9

MOS 3531 INDIVIDUAL EVENTS

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MOTOR T T&R MANUAL

CHAPTER 9

MOS 3531 INDIVIDUAL EVENTS

9000. PURPOSE. This chapter includes all individual events for the Motor Vehicle Operator. Each event is composed of an individual event title, condition, standard, performance steps, support requirements, and references. Accomplishment and proficiency level required is determined by the event standard.

9001. EVENT CODING. Events in this T&R Manual are depicted with an up to 12-character, 3-field alphanumeric system, i.e. XXXX-XXXX-XXXX. This chapter utilizes the following methodology:

a. Field one. This field represents the community. This chapter contains the following community code:

<u>Code</u>	<u>Description</u>
3531	Motor Vehicle Operator

b. Field two. This field represents the functional/duty area. This chapter contains the following functional/duty areas:

<u>Code</u>	<u>Description</u>
ADMN	Administration
OPER	Operator

c. Field three. This field provides the level at which the event is accomplished and numerical sequencing of events. This chapter contains the following event levels:

<u>Code</u>	<u>Description</u>
1000	Core Skills
2000	Core Plus Skills

9002. INDEX OF EVENTS BY LEVEL

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1000-LEVEL		
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9003. 1000-LEVEL EVENTS

3531-OPER-1001: Perform Preventive Maintenance Checks and Services (PMCS) on motor transport equipment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3531

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Provided with applicable references, operational motor transport equipment, forms, required tools and equipment.

STANDARD: Maintaining operational readiness and identifying corrective maintenance actions.

PERFORMANCE STEPS:

1. Perform weekly PMCS.
2. Perform monthly PMCS.
3. Maintain basic issue items.
4. Complete operational forms /records.

REFERENCES:

1. AEMI Applicable Equipment Modification Instruction
2. AETM Applicable Equipment Technical Manuals
3. AIETM Applicable Interactive Electronic Technical Manual
4. ALO/I Applicable Lubrication Order/Instruction
5. FM 21-305 Manual for Wheeled Vehicle Driver
6. MCWP 3-17.1 Combined Arms Gap-Crossing Operations
7. MCWP 4-11.4 Maintenance Operations
8. TM 10629-10 System Operation Manual for Truck, Cargo, 7-Ton (MTVR)
9. TM 11026A-OI/A ENGR EQUIP TRLR (EET) MT020/M322LT
10. TM 11033-OR Operators Manual for M1113, M1114, M1151, M1152
11. TM 11240-15/3F Motor Vehicle Licensing Official's Manual
12. TM 11313-OR TRUCK, CARGO, 10X10, MKR18
13. TM 11329A-OI/1 LTT MCC 2-WHEEL M1102-MCC Supplement to TM 92330-392-14&P
14. TM 11464A-OI MILITARY CONTAINER CHASSIS TRAILER (MCCT) MODEL MCC20
15. TM 11466A-OR Armor Set, Supplemental, Small Arms- Fragmentation Protective Kit (HMMWV, MTVR, LVS)
16. TM 11775A-OI PALLETIZED LOAD SYSTEM TRAILER (PLST) MODEL M1076
17. TM 11803A-OI MINE RESISTANT AMBUSH PROTECTED ALL TERRAIN VEHICLE (M-ATV) M1240
18. TM 2320-10/6 Operator Manual for HMMWV
19. TM 2320-OR FAMILY OF INTERNALLY TRANSPORTABLE VEHICLES (ITV) AND AMMO TRAILER (M1161, M1163, M1164)
20. TM 4700-15/1 Ground Equipment Record Procedures
21. TM 8H667-13&P/1 Drivers Vision Enhancer
22. TM 9-2320-376-14&P FLAT BED TRAILER 5T XM1061
23. TM 9-2330-202-14&P Trailer, Cargo 3/4 Ton, 2 Wheel
24. TM 9-2330-213-14&P M105 Chassis, Trailer, 1 1/2 Ton, 2-Wheel
25. TM 9-2330-218-14&P TRAILER, CABLE REEL, (M310)
26. TM 9-2330-235-14&P TRAILER CHASSIS 1 & 2 TON, 2-WHEEL (M515 & M390C)
27. TM 9-2330-247-14&P M353 Chassis, Trailer, 3 1/2 Ton, 2-Wheel
28. TM 9-2330-251-14 Trailer Cargo 1/4 Ton 2 Wheel
29. TM 9-2330-267-14&P M149A/A1/A2 Trailer Tank Water, 1 1/2 Ton, 2-Wheel
30. TM 9-2330-287-14&P TRAILER, BOLSTER: 4TON M796A1
31. TM 9-2330-392-14&P TRAILER, CARGO /Chassis M1101/M1102
32. TM 9-2610-200-14 PNEUMATIC TIRES & INNER TUBES
33. TM 9-3990-206-14&P PLS FLATRACK (IPF) FLATRACK M1
34. TM 9-6140-200-14 Lead Acid Batteries 4HN, 2H, 6TN

3531-OPER-1002: Operate motor transport equipment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3531

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Provided with applicable references, operational motor transport equipment, forms, required tools and equipment.

STANDARD: To safely meet operational requirements with no injury to personnel or damage to equipment.

PERFORMANCE STEPS:

1. Perform PMCS.
2. Prepare operational forms and records.
3. Start the engine.
4. Select transmission gear.
5. Select transfer case gear.
6. Operate vehicle forward.
7. Operate vehicle in reverse.
8. Comply with traffic regulations.
9. Operate vehicle with headlights.
10. Operate vehicle in blackout drive.
11. Operate vehicle with vision enhancement devices.
12. Operate vehicle with towed load.
13. Stop the vehicle.
14. Shut down the engine.
15. Complete operational forms and records.
16. Operate vehicle CTIS.
17. Operate equipment using a ground guide.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
2. AIETM Applicable Interactive Electronic Technical Manual
3. ALO/I Applicable Lubrication Order/Instruction
4. FM 21-305 Manual for Wheeled Vehicle Driver
5. FM 21-60 Visual Signals
6. FM 3-25-26 Map Reading and Land Navigation
7. FM 31-70 Basic Cold Weather Operations
8. FMFM 7-28 Jungle Operations
9. FMFM 7-29 Mountain Operations
10. MCO 5100.19 USMC Traffic Safety Program
11. MCRP 4-11.3F Convoy Operations Handbook
12. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
13. MCWP 3-17.1 Combined Arms Gap-Crossing Operations
14. MCWP 3-35.6 Desert Operations
15. MCWP 4-11.3 Transportation Operations
16. TB 9-639 TB 9-639 Pass carrying Capacity of tact and admin Vehicles
17. TM 10407A-OR/1 HOWITZER, MEDIUM, TOWED
18. TM 10629-10 System Operation Manual for Truck, Cargo, 7-Ton (MTVR)
19. TM 10920A-10 HIMARS RSV, 5.6 TON
20. TM 10921A-13&P System Operation Maintenance Manual and repair parts and special tools list for HIMARS Re-Supply Trailer
21. TM 11-5855-238-10 NIGHT VISION GOGGLES AN/PVS-5A
22. TM 11-5855-262-10 Operator's Manual, AN/PVS-7
23. TM 11026A-OI/A ENGR EQUIP TRLR (EET) MT020/M322LT
24. TM 11033-OR Operators Manual for M1113, M1114, M1151, M1152
25. TM 11240-15/3F Motor Vehicle Licensing Official's Manual
26. TM 11313-OR TRUCK, CARGO, 10X10, MKR18
27. TM 11329A-OI/1 LTT MCC 2-WHEEL M1102-MCC Supplement to TM 92330-392-14&P
28. TM 11464A-OI MILITARY CONTAINER CHASSIS TRAILER (MCCT) MODEL MCC20
29. TM 11466A-OR Armor Set, Supplemental, Small Arms- Fragmentation Protective

- Kit (HMMWV, MTRV, LVS)
30. TM 11751A-OR HEAVY DUTY TOW BAR KIT
 31. TM 11803A-OI MINE RESISTANT AMBUSH PROTECTED ALL TERRAIN VEHICLE (M-ATV) M1240
 32. TM 2320-10/6 Operator Manual for HMMWV
 33. TM 2320-OR FAMILY OF INTERNALLY TRANSPORTABLE VEHICLES (ITV) AND AMMO TRAILER (M1161, M1163, M1164)
 34. TM 4700-15/1 Ground Equipment Record Procedures
 35. TM 8H667-13&P/1 Drivers Vision Enhancer
 36. TM 9-1015-203-12 HOWITZER 105MM M101 AND M101A1
 37. TM 9-1025-211-10 HOWITZER, MEDIUM, TOWED: 155-MM M198
 38. TM 9-2330-202-14&P Trailer, Cargo 3/4 Ton, 2 Wheel
 39. TM 9-2330-213-14&P M105 Chassis, Trailer, 1 1/2 Ton, 2-Wheel
 40. TM 9-2330-218-14&P TRAILER, CABLE REEL, (M310)
 41. TM 9-2330-235-14&P TRAILER CHASSIS 1 & 2 TON, 2-WHEEL (M515 & M390C)
 42. TM 9-2330-247-14&P M353 Chassis, Trailer, 3 1/2 Ton, 2-Wheel
 43. TM 9-2330-251-14 Trailer Cargo 1/4 Ton 2 Wheel
 44. TM 9-2330-267-14&P M149A/A1/A2 Trailer Tank Water, 1 1/2 Ton, 2-Wheel
 45. TM 9-2330-275-14&P DOLLY SET LIFT TRANSPORTABLE
 46. TM 9-2330-285-14&P DOLLY SET LIFT TRANSPORTABLE (M720)
 47. TM 9-2330-287-14&P TRAILER, BOLSTER: 4TON M796A1
 48. TM 9-2330-392-14&P TRAILER, CARGO /Chassis M1101/M1102
 49. TM 9-3990-206-14&P PLS FLATRACK (IPF) FLATRACK M1
 50. TM 9-4910-593-12P Tow Bar Motor Vehicle
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3531-OPER-1003: Perform emergency procedures on motor transport equipment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3531

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Provided with applicable references, an operational motor transport vehicle, and an additional vehicle of similar size for flat tow, materials, assistant driver, required tools and equipment.

STANDARD: Safely meeting operational requirements with no injury to personnel or damage to equipment.

PERFORMANCE STEPS:

1. Identify the type of equipment.
2. Determine the type of emergency procedure to be performed.
3. Perform the required action.
4. Verify operational capability.
5. Notify maintenance as required.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
2. AIETM Applicable Interactive Electronic Technical Manual
3. ALO/I Applicable Lubrication Order/Instruction
4. FM 21-305 Manual for Wheeled Vehicle Driver
5. FMFM 7-28 Jungle Operations

6. FMFM 7-29 Mountain Operations
7. MCRP 4-11.3F Convoy Operations Handbook
8. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
9. MCRP 4-11.4A Battle Damage Assessment and Repair
10. MCRP 4-11.4A Recovery and Battle Damage Assessment and Repair
11. MCWP 3-17.1 Combined Arms Gap-Crossing Operations
12. MCWP 3-35.6 Desert Operations
13. TM 10629-10_ System Operation Manual for Truck, Cargo, 7-Ton (MTVR)
14. TM 10867B-12&P Medium Duty Tow Bar Kit
15. TM 11033-OR Operators Manual for M1113, M1114, M1151, M1152
16. TM 11313-OR TRUCK, CARGO, 10X10, MKR18
17. TM 11751A-OR HEAVY DUTY TOW BAR KIT
18. TM 11803A-OI MINE RESISTANT AMBUSH PROTECTED ALL TERRAIN VEHICLE (M-ATV) M1240
19. TM 2320-10/6 Operator Manual for HMMWV
20. TM 2320-OR FAMILY OF INTERNALLY TRANSPORTABLE VEHICLES (ITV) AND AMMO TRAILER (M1161, M1163, M1164)
21. TM 9-2610-200-14 PNEUMATIC TIRES & INNER TUBES
22. TM 9-4910-593-12P Tow Bar Motor Vehicle

3531-OPER-1004: Properly load cargo

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3531

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Provided with applicable references, operational motor transport equipment, cargo to be loaded, trailer, required tools and equipment.

STANDARD: Safely meeting operational requirements with no injury to personnel or damage to equipment.

PERFORMANCE STEPS:

1. Determine dimensions of load.
2. Determine weight of load.
3. Determine special handling requirements.
4. Determine correct placement of load on vehicle.
5. Prepare motor transport equipment for cargo.
6. Direct loading of cargo.
7. Direct loading of personnel.
8. Secure load.
9. Secure personnel.
10. Inspect load after loading.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
2. AIETM Applicable Interactive Electronic Technical Manual
3. FM 21-305 Manual for Wheeled Vehicle Driver
4. FM 21-60 Visual Signals
5. MCO 4450.12A Storage and Handling of Hazardous Materials (Jan 99)

6. MCRP 4-11.3F Convoy Operations Handbook
7. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
8. MCWP 3-35.6 Desert Operations
9. MCWP 4-11.3 Transportation Operations
10. MTMCTEA PAM 55-20 Tiedown Handbook for Truck Movement
11. NAVSEA OP 5 VOL 1 Ammunition & Explosives Ashore Safety Regulation (ESQD Information)
12. NAVSEA SWO20-AC-SAF-010 Transportation and Storage Data for Ammunition, Explosives and Related Hazardous Materials
13. NAVSEA SWO20-AF-ABK-010 Motor Vehicle Driver and Shipping Inspector's Manual for Ammunition, Explosives and Related Hazardous Materials
14. NAVSEA SWO20-AF-HBK-010 Motor Vehicle Driver and Shipping Inspector's Manual for Ammunition, Explosives, and Related Hazardous Materials
15. NAVSEA SWO23-AG-WHM-010 On-Station Movement of Ammunition and Explosives by Truck and Railcar
16. TB 9-639 TB 9-639 Pass carrying Capacity of tact and admin Vehicles
17. TM 10629-10 System Operation Manual for Truck, Cargo, 7-Ton (MTVR)
18. TM 11026A-OI/A ENGR EQUIP TRLR (EET) MT020/M322LT
19. TM 11033-OR Operators Manual for M1113, M1114, M1151, M1152
20. TM 11240-OD Principal Technical Characteristics of U.S. Marine Corps Motor Transport Equipment
21. TM 11275-15/3D Principal Technical Characteristics of U.S. Marine Corps Engineer Equipment
22. TM 11313-OR TRUCK, CARGO, 10X10, MKR18
23. TM 11329A-OI/1 LTT MCC 2-WHEEL M1102-MCC Supplement to TM 92330-392-14&P
24. TM 11464A-OI MILITARY CONTAINER CHASSIS TRAILER (MCCT) MODEL MCC20
25. TM 11775A-OI PALLETIZED LOAD SYSTEM TRAILER (PLST) MODEL M1076
26. TM 11803A-OI MINE RESISTANT AMBUSH PROTECTED ALL TERRAIN VEHICLE (M-ATV) M1240
27. TM 2320-10/6 Operator Manual for HMMWV
28. TM 2320-OR FAMILY OF INTERNALLY TRANSPORTABLE VEHICLES (ITV) AND AMMO TRAILER (M1161, M1163, M1164)
29. TM 4700-15/1 Ground Equipment Record Procedures
30. TM 9-2320-376-14&P FLAT BED TRAILER 5T XM1061
31. TM 9-2330-202-14&P Trailer, Cargo 3/4 Ton, 2 Wheel
32. TM 9-2330-213-14&P M105 Chassis, Trailer, 1 1/2 Ton, 2-Wheel
33. TM 9-2330-235-14&P TRAILER CHASSIS 1 & 2 TON, 2-WHEEL (M515 & M390C)
34. TM 9-2330-247-14&P M353 Chassis, Trailer, 3 1/2 Ton, 2-Wheel
35. TM 9-2330-251-14 Trailer Cargo 1/4 Ton 2 Wheel
36. TM 9-2330-392-14&P TRAILER, CARGO /Chassis M1101/M1102
37. TM 9-3990-206-14&P PLS FLATRACK (IPF) FLATRACK M1

3531-OPER-1005: Operate load handling system (LHS) on motor transport equipment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3531

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Provided with applicable references, an operational vehicle equipped with LHS, cargo to be loaded, required tools and equipment.

STANDARD: Safely meeting operational requirements with no injury to personnel or damage to equipment.

PERFORMANCE STEPS:

1. Employ vehicle in ISO/ANSI container operation.
2. Employ vehicle in container operation.
3. Employ vehicle in flat rack operation.
4. Configure vehicle for road operation.
5. Perform ribbon bridge loading/launching/recovery operations.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
2. AIETM Applicable Interactive Electronic Technical Manual
3. FM 21-60 Visual Signals
4. FM 31-70 Basic Cold Weather Operations
5. FMFM 7-28 Jungle Operations
6. FMFM 7-29 Mountain Operations
7. MCO 4450.12A Storage and Handling of Hazardous Materials (Jan 99)
8. MCRP 4-11.3F Convoy Operations Handbook
9. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
10. MCWP 3-17.1 Combined Arms Gap-Crossing Operations
11. MCWP 3-35.6 Desert Operations
12. MCWP 4-11.3 Transportation Operations
13. MTMCTEA PAM 55-20 Tiedown Handbook for Truck Movement
14. TM 11313-OR TRUCK, CARGO, 10X10, MKR18
15. TM 11775A-OI PALLETIZED LOAD SYSTEM TRAILER (PLST) MODEL M1076
16. TM 4700-15/1 Ground Equipment Record Procedures
17. TM 9-3990-206-14&P PLS FLATRACK (IPF) FLATRACK M1

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: The performance step for performing ribbon bridge loading/launching/recovery operations will apply to operators assigned to Engineer Support Battalion.

3531-OPER-1006: Operate a palletized loading system trailer

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3531

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Provided with applicable references, an operational motor transport vehicle, trailer, required tools and equipment.

STANDARD: Safely meeting operational requirements with no injury to personnel or damage to equipment.

PERFORMANCE STEPS:

1. Connect trailer to vehicle.
2. Operate combination in reverse.
3. Operate combination forward.
4. Prepare trailer for loading.
5. Load trailer.
6. Unload trailer.
7. Disconnect trailer.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
2. AIETM Applicable Interactive Electronic Technical Manual
3. ALO/I Applicable Lubrication Order/Instruction
4. FM 21-305 Manual for Wheeled Vehicle Driver
5. FM 21-60 Visual Signals
6. FM 3-25-26 Map Reading and Land Navigation
7. FM 31-70 Basic Cold Weather Operations
8. FMFM 7-28 Jungle Operations
9. FMFM 7-29 Mountain Operations
10. MCO 5100.19 USMC Traffic Safety Program
11. MCRP 4-11.3F Convoy Operations Handbook
12. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
13. MCWP 3-17.1 Combined Arms Gap-Crossing Operations
14. MCWP 3-35.6 Desert Operations
15. MCWP 4-11.3 Transportation Operations
16. TB 9-639 TB 9-639 Pass carrying Capacity of tact and admin Vehicles
17. TM 10407A-OR/1 HOWITZER, MEDIUM, TOWED
18. TM 10629-10 System Operation Manual for Truck, Cargo, 7-Ton (MTVR)
19. TM 10920A-10 HIMARS RSV, 5.6 TON
20. TM 10921A-13&P System Operation Maintenance Manual and repair parts and special tools list for HIMARS Re-Supply Trailer
21. TM 11-5855-238-10 NIGHT VISION GOGGLES AN/PVS-5A
22. TM 11-5855-262-10 Operator's Manual, AN/PVS-7
23. TM 11026A-OI/A ENGR EQUIP TRLR (EET) MT020/M322LT
24. TM 11033-OR Operators Manual for M1113, M1114, M1151, M1152
25. TM 11240-15/3F Motor Vehicle Licensing Official's Manual
26. TM 11313-OR TRUCK, CARGO, 10X10, MKR18
27. TM 11329A-OI/1 LTT MCC 2-WHEEL M1102-MCC Supplement to TM 92330-392-14&P
28. TM 11464A-OI MILITARY CONTAINER CHASSIS TRAILER (MCCT) MODEL MCC20
29. TM 11466A-OR Armor Set, Supplemental, Small Arms- Fragmentation Protective Kit (HMMWV, MTVR, LVS)
30. TM 11751A-OR HEAVY DUTY TOW BAR KIT
31. TM 11803A-OI MINE RESISTANT AMBUSH PROTECTED ALL TERRAIN VEHICLE (M-ATV) M1240
32. TM 2320-10/6 Operator Manual for HMMWV
33. TM 2320-OR FAMILY OF INTERNALLY TRANSPORTABLE VEHICLES (ITV) AND AMMO TRAILER (M1161, M1163, M1164)
34. TM 4700-15/1 Ground Equipment Record Procedures
35. TM 8H667-13&P/1 Drivers Vision Enhancer
36. TM 9-1015-203-12 HOWITZER 105MM M101 AND M101A1
37. TM 9-1025-211-10 HOWITZER, MEDIUM, TOWED: 155-MM M198
38. TM 9-2330-202-14&P Trailer, Cargo 3/4 Ton, 2 Wheel
39. TM 9-2330-213-14&P M105 Chassis, Trailer, 1 1/2 Ton, 2-Wheel
40. TM 9-2330-218-14&P TRAILER, CABLE REEL, (M310)
41. TM 9-2330-235-14&P TRAILER CHASSIS 1 & 2 TON, 2-WHEEL (M515 & M390C)
42. TM 9-2330-247-14&P M353 Chassis, Trailer, 3 1/2 Ton, 2-Wheel

- 43. TM 9-2330-251-14 Trailer Cargo 1/4 Ton 2 Wheel
 - 44. TM 9-2330-267-14&P M149A/A1/A2 Trailer Tank Water, 1 1/2 Ton, 2-Wheel
 - 45. TM 9-2330-275-14&P DOLLY SET LIFT TRANSPORTABLE
 - 46. TM 9-2330-285-14&P DOLLY SET LIFT TRANSPORTABLE (M720)
 - 47. TM 9-2330-287-14&P TRAILER, BOLSTER: 4TON M796A1
 - 48. TM 9-2330-392-14&P TRAILER, CARGO /Chassis M1101/M1102
 - 49. TM 9-3990-206-14&P PLS FLATRACK (IPF) FLATRACK M1
 - 50. TM 9-4910-593-12P Tow Bar Motor Vehicle
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9004. 2000-LEVEL EVENTS

3531-ADMN-2101: Perform Maintenance Automated Information System (MAIS) related functions on motor transport equipment

EVALUATION-CODED: NO SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3531

GRADES: CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given references, a requirement, personnel, input transactions and output reports.

STANDARD: In accordance with maintenance management procedures to maintain unit readiness levels.

PERFORMANCE STEPS:

1. Perform MAIS input transactions.
2. Audit MAIS input transactions.
3. Extract MAIS output reports (as required).
4. Audit output reports.

REFERENCES:

1. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
 2. MCO 3000.11_ Marine Corps Automated Readiness Evaluation System (MARES)
 3. MCO 4400.16_ Uniform Material Movement and Issue Priority System
 4. MCO P4400.150_ Consumer Level Supply Policy Manual
 5. MCO P4790.2_ MIMMS Field Procedures Manual
 6. TM 4700-15/1_ Ground Equipment Record Procedures
 7. UM 4790-5 MIMMS-AIS Field Maintenance Procedures
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3531-ADMN-2102: Manage a publication library

EVALUATION-CODED: NO SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3531

BILLETS: Publications NCO

GRADES: CPL, SGT

INITIAL TRAINING SETTING: DL

CONDITION: Provided with references, records, forms, personnel and support equipment.

STANDARD: Maintaining a unit's operational capability and readiness.

PERFORMANCE STEPS:

1. Inventory the library.
2. Order deficient publications.
3. Conduct the maintenance of publications.
4. Perform validation requirements.
5. Perform reconciliation requirements.

REFERENCES:

1. MCO 5215.1_ Marine Corps Directives Management Program
2. MCO P4790.2_ MIMMS Field Procedures Manual
3. MCO P5215.17_ Marine Corps Technical Publications System
4. MCO P5600.31_ Marine Corps Publication and Printing Regulations
5. NAVMC 2761 Catalog of Publications
6. SL 1-2 Index of Authorized Publication for Equipment Support
7. SL 1-3 Index of Authorized Publications in Stock
8. UM-MCPDS 5605 Marine Corps Publications Distribution System
9. UM-PLMS Marine Corps Publications Library Management System (PLMS) Users Manual

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: This task has a DL product to support the required training in MCI 0416B.

3531-ADMN-2103: Handle hazardous material

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3531

BILLETS: Hazardous Material NCO

GRADES: CPL, SGT

INITIAL TRAINING SETTING: DL

CONDITION: Given references, a requirement, equipment and hazardous materials.

STANDARD: Without risk to personnel, equipment or environment.

PERFORMANCE STEPS:

1. Identify hazardous material.
2. Collect hazardous material for disposal.

REFERENCES:

1. CFR 29 Code of Federal Regulations - Labor
2. CFR 40 Code of Federal Regulations - Hazardous Substances & Wastes
3. CFR 49 PARTS 100-185 Code of Federal Regulations - Transportation
4. DCAM 4145.11 Storage & Handling of Hazardous Material
5. MCO 10330.2D Storage and Handling of Liquefied and Gaseous Compressed Gasses and Their Full and Empty Cylinders (Jun 00)
6. MCO 4450.12A Storage and Handling of Hazardous Materials (Jan 99)
7. MCO P5090.2A Environmental Compliance and Protection Manual (Jul 98)
8. NAVMC DIR 5100.8 Marine Corps Occupational Safety and Health (OSH) Program Manual (May 06)
9. NAVSEA SWO20-AC-SAF-010 Transportation and Storage Data for Ammunition, Explosives and Related Hazardous Materials
10. NAVSEA SWO20-AF-ABK-010 Motor Vehicle Driver and Shipping Inspector's Manual for Ammunition, Explosives and Related Hazardous Materials
11. NAVSEA SWO20-AG-SAF-010 Navy Transportation Safety Handbook for Ammunition, Explosives and related Hazardous Materials
12. TM 9-6140-200-14 Lead Acid Batteries 4HN, 2H, 6TN

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: A DL product has been developed to support this event under MCI WRLO 019.

3531-ADMN-2104: Research operator/crew maintenance information

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3531

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given references, a requirement and equipment.

STANDARD: Accomplishing maintenance requirements and maintain unit readiness.

PERFORMANCE STEPS:

1. Select publications authorized within a given level of maintenance.
2. Locate maintenance tasks within the publications.
3. Locate information required for the requisitioning of repair parts within the publications.
4. Locate lubrication information for equipment.
5. Research information on repair parts.

REFERENCES:

1. AEMI Applicable Equipment Modification Instruction
 2. AETM Applicable Equipment Technical Manuals
 3. AIETM Applicable Interactive Electronic Technical Manual
 4. ALO/I Applicable Lubrication Order/Instruction
 5. ATI Applicable Technical Instruction
 6. FED LOG Federal Logistics Data <https://www.dlis.dla.mil/fedlog/default.asp>
 7. SL 1-2 Index of Authorized Publication for Equipment Support
 8. SL 1-3 Index of Authorized Publications in Stock
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3531-OPER-2201: Transport hazardous/explosive cargo

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3531

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Provided with applicable references, an operational motor transport vehicle, trailer, forms, cargo, required tools and equipment.

STANDARD: Safely meeting operational requirements with no injury to personnel or damage to equipment.

PERFORMANCE STEPS:

1. Prepare vehicle.
2. Inspect vehicle.
3. Prepare appropriate forms.
4. Supervise the loading.
5. Inspect the load.
6. Transport the load.
7. Supervise the unloading.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
2. AIETM Applicable Interactive Electronic Technical Manual
3. ALO/I Applicable Lubrication Order/Instruction
4. CFR 29 Code of Federal Regulations - Labor
5. CFR 40 Code of Federal Regulations - Hazardous Substances & Wastes
6. CFR 49 PARTS 100-185 Code of Federal Regulations - Transportation
7. DOD 4500.9-R Defense Transportation Regulation Parts I, II & III
8. FM 21-305 Manual for Wheeled Vehicle Driver
9. FM 4-30.13 Ammunition Handbook
10. FMFM 7-28 Jungle Operations
11. FMFM 7-29 Mountain Operations
12. MCO 10330.2D Storage and Handling of Liquefied and Gaseous Compressed Gasses and Their Full and Empty Cylinders (Jun 00)
13. MCO 4450.12A Storage and Handling of Hazardous Materials (Jan 99)
14. MCO 4610.15C SHIPMENTS OF MILITARY EQUIPMENT, EXPLOSIVES, AND OTHER DANGEROUS ARTICLES DURING A NATIONAL EMERGENCY
15. MCO 8023.3 Personnel Qualification and Certification Program for Class V Ammunition and Explosives
16. MCO P8020.10B MARINE CORPS AMMUNITION MANAGEMENT AND EXPLOSIVES SAFETY POLICY PROGRAM
17. MCO P8020.11 W/ERRATUM DEPARTMENT OF THE NAVY EXPLOSIVES SAFETY POLICY
18. MCRP 4-11.3F Convoy Operations Handbook
19. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
20. MCRP 4-11.6 Petroleum and Water Logistics Operations
21. MCWP 3-17.1 Combined Arms Gap-Crossing Operations
22. MCWP 3-35.6 Desert Operations
23. MIL-HDBK-844A Aircraft Refueling Handbook for Navy and Marine Corps aircraft
24. MTMCTEA PAM 55-20 Tiedown Handbook for Truck Movement
25. NAVAIR 00-80T-109 Aircraft Refueling NATOPS Manual

26. NAVSEA OP 5 VOL 1 Ammunition & Explosives Ashore Safety Regulation (ESQD Information)
27. NAVSEA OP 5 VOL 2 Ammunition & Explosives Ashore Safety Regulation
28. NAVSEA SWO20-AC-SAF-010 Transportation and Storage Data for Ammunition, Explosives and Related Hazardous Materials
29. NAVSEA SWO20-AF-ABK-010 Motor Vehicle Driver and Shipping Inspector's Manual for Ammunition, Explosives and Related Hazardous Materials
30. NAVSEA SWO20-AF-HBK-010 Motor Vehicle Driver and Shipping Inspector's Manual for Ammunition, Explosives, and Related Hazardous Materials
31. NAVSEA SWO20-AG-SAF-010 Navy Transportation Safety Handbook for Ammunition, Explosives and related Hazardous Materials
32. NAVSEA SWO23-AG-WHM-010 On-Station Movement of Ammunition and Explosives by Truck and Railcar
33. TM 09003A-15/1 SixCon Fuel Pump Module
34. TM 10629-10 System Operation Manual for Truck, Cargo, 7-Ton (MTVR)
35. TM 11026A-OI/A ENGR EQUIP TRLR (EET) MT020/M322LT
36. TM 11033-OR Operators Manual for M1113, M1114, M1151, M1152
37. TM 11240-15/3F Motor Vehicle Licensing Official's Manual
38. TM 11313-OR TRUCK, CARGO, 10X10, MKR18
39. TM 2320-10/6 Operator Manual for HMMWV
40. TM 2320-OR FAMILY OF INTERNALLY TRANSPORTABLE VEHICLES (ITV) AND AMMO TRAILER (M1161, M1163, M1164)
41. TM 4700-15/1 Ground Equipment Record Procedures
42. TM 5-848-2 Handling of Aircraft and Automotive Fuels
43. TM 9-3990-206-14&P PLS FLATRACK (IPF) FLATRACK M1

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: This formal training can be obtained at each Base Installation/Station.

3531-OPER-2202: Operate fuel delivery system

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3531

BILLETS: Refueler Operator

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Provided with applicable references, an operational motor transport vehicle, fuel delivery system, trailer, fuel, required tools and equipment.

STANDARD: Ensuring that fueling requirements are met to sustain mission operations.

PERFORMANCE STEPS:

1. Prepare system for fuel loading.
2. Load fueling system onto motor transport equipment.
3. Load fuel into the system.
4. Recirculate fuel in refueler.

5. Ground vehicle.
6. Perform emergency shutdown.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
2. AIETM Applicable Interactive Electronic Technical Manual
3. DCAM 4145.11 Storage & Handling of Hazardous Material
4. DOD 4140.25 Management of Bulk Petroleum Products, Storage and Distribution Facilities
5. DOD 4500.9-R Defense Transportation Regulation Parts I, II & III
6. FM 21-305 Manual for Wheeled Vehicle Driver
7. FM 31-70 Basic Cold Weather Operations
8. FMFM 7-28 Jungle Operations
9. FMFM 7-29 Mountain Operations
10. MCO P5090.2A Environmental Compliance and Protection Manual (Jul 98)
11. MCRP 4-11.3F Convoy Operations Handbook
12. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
13. MCRP 4-11.6 Petroleum and Water Logistics Operations
14. MCRP 4-11B Environmental Considerations in Military Operations (Jun 00)
15. MCWP 3-17.1 Combined Arms Gap-Crossing Operations
16. MCWP 3-35.6 Desert Operations
17. MCWP 4-11.3 Transportation Operations
18. MIL-HDBK-844A Aircraft Refueling Handbook for Navy and Marine Corps aircraft
19. NAVMC DIR 5100.8 Marine Corps Occupational Safety and Health (OSH) Program Manual (May 06)
20. NAVSEA SWO20-AC-SAF-010 Transportation and Storage Data for Ammunition, Explosives and Related Hazardous Materials
21. NAVSEA SWO20-AF-ABK-010 Motor Vehicle Driver and Shipping Inspector's Manual for Ammunition, Explosives and Related Hazardous Materials
22. NAVSEA SWO20-AG-SAF-010 Navy Transportation Safety Handbook for Ammunition, Explosives and related Hazardous Materials
23. TM 09003A-15/1 SixCon Fuel Pump Module
24. TM 10629-10 System Operation Manual for Truck, Cargo, 7-Ton (MTVR)
25. TM 11240-15/3F Motor Vehicle Licensing Official's Manual
26. TM 11313-OR TRUCK, CARGO, 10X10, MKR18
27. TM 11775A-OI PALLETIZED LOAD SYSTEM TRAILER (PLST) MODEL M1076
28. TM 4700-15/1 Ground Equipment Record Procedures
29. TM 5-848-2 Handling of Aircraft and Automotive Fuels

3531-OPER-2203: Operate water delivery system

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3531

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Provided with applicable references, an operational motor transport vehicle, water delivery system, trailer, water, required tools and equipment.

STANDARD: Ensuring that water requirements are met to sustain mission operations.

PERFORMANCE STEPS:

1. Inspect the system prior to water loading.
2. Load water system on to motor transport equipment.
3. Load the water in the system.
4. Arrange for testing of potable water.
5. Dispense water.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
2. AIETM Applicable Interactive Electronic Technical Manual
3. FM 21-305 Manual for Wheeled Vehicle Driver
4. FM 31-70 Basic Cold Weather Operations
5. FMFM 7-28 Jungle Operations
6. FMFM 7-29 Mountain Operations
7. MCRP 4-11.3F Convoy Operations Handbook
8. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
9. MCRP 4-11.6 Petroleum and Water Logistics Operations
10. MCWP 3-17.1 Combined Arms Gap-Crossing Operations
11. MCWP 3-35.6 Desert Operations
12. MCWP 4-11.3 Transportation Operations
13. TM 08990A-15&P/1 Sixcon Water Tank Module
14. TM 09003A-15/1 SixCon Fuel Pump Module
15. TM 10629-10 System Operation Manual for Truck, Cargo, 7-Ton (MTVR)
16. TM 11240-15/3F Motor Vehicle Licensing Official's Manual
17. TM 11313-OR TRUCK, CARGO, 10X10, MKR18
18. TM 11775A-OI PALLETIZED LOAD SYSTEM TRAILER (PLST) MODEL M1076
19. TM 4700-15/1 Ground Equipment Record Procedures

3531-OPER-2204: Operate motor transport dump vehicle

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 3531

BILLETS: Dump Truck Operator

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Provided with applicable references, an operational motor transport dump vehicle, forms, required tools and equipment.

STANDARD: Safely meeting operational requirements with no injury to personnel or damage to equipment.

PERFORMANCE STEPS:

1. Prepare the vehicle for dumping operations.
2. Supervise the loading of the vehicle.
3. Secure the load.
4. Perform dump operations.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
 2. AIETM Applicable Interactive Electronic Technical Manual
 3. ALO/I Applicable Lubrication Order/Instruction
 4. FM 21-305 Manual for Wheeled Vehicle Driver
 5. FM 31-70 Basic Cold Weather Operations
 6. FMFM 7-28 Jungle Operations
 7. FMFM 7-29 Mountain Operations
 8. MCRP 4-11.3F Convoy Operations Handbook
 9. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
 10. MCWP 3-17.1 Combined Arms Gap-Crossing Operations
 11. MCWP 3-35.6 Desert Operations
 12. MCWP 4-11.3 Transportation Operations
 13. TM 10629-10_ System Operation Manual for Truck, Cargo, 7-Ton (MTRV)
 14. TM 11240-15/3F Motor Vehicle Licensing Official's Manual
 15. TM 4700-15/1_ Ground Equipment Record Procedures
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3531-OPER-2205: Conduct convoy operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3531

BILLETS: Assistant Convoy Commander, Convoy Commander

GRADES: CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given references, vehicles, personnel, required tools, cargo and equipment.

STANDARD: Arriving at a determined location with all required equipment and personnel.

PERFORMANCE STEPS:

1. Analyze the order.
2. Organize the convoy in march order.
3. Identify classifications for routes.
4. Identify defense requirements of a tactical convoy.
5. Identify convoy communication requirements.
6. Inspect cargo loads.
7. Direct the movement of a convoy using navigational devices.
8. Direct the movement of a convoy using communication equipment.
9. Conduct a convoy mission brief.
10. Conduct a post mission debrief.
11. Prepare a post mission After Action Report (AAR).

REFERENCES:

1. FM 21-305 Manual for Wheeled Vehicle Driver
2. FM 55-30 Army Motor Transport Units and Operations
3. MCRP 3-40-3A Multi-Service Communications Procedures and Tactical Radio Procedures in Joint environment
4. MCRP 4-11.3F Convoy Operations Handbook

5. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
 6. MCRP 4-11.4A Recovery and Battle Damage Assessment and Repair
 7. MCWP 3-17.1 Combined Arms Gap-Crossing Operations
 8. MCWP 4-1 Logistics Operations
 9. MCWP 4-11 Tactical-Level Logistics
 10. MCWP 5-1 Marine Corps Planning Process (MCP)
 11. MSTP PAM 4-0.1 Movement Control
 12. NAVSEA OP 5 VOL 1 Ammunition & Explosives Ashore Safety Regulation (ESQD Information)
 13. NAVSEA OP 5 VOL 2 Ammunition & Explosives Ashore Safety Regulation
 14. NAVSEA SWO20-AF-ABK-010 Motor Vehicle Driver and Shipping Inspector's Manual for Ammunition, Explosives and Related Hazardous Materials
 15. NAVSEA SWO20-AG-SAF-010 Navy Transportation Safety Handbook for Ammunition, Explosives and related Hazardous Materials
 16. TM 09880C-OR Operator's Guide, DAGR Operator's Pocket Guide
 17. TM 11240-OD Principal Technical Characteristics of U.S. Marine Corps Motor Transport Equipment
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3531-OPER-2206: Conduct the camouflaging of equipment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3531

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given manufactured and natural materials and a tactical wheeled vehicle.

STANDARD: Ensuring concealment of personnel and equipment to prevent detection.

PERFORMANCE STEPS:

1. Perform counter detection measures.
2. Apply vehicle camouflage measures.
3. Camouflage equipment using natural materials.
4. Camouflage equipment using the manufactured materials.

REFERENCES:

1. FM 20-3 Camouflage, Concealment, and Decoys
 2. FM 55-30 Army Motor Transport Units and Operations
 3. TM 5-1080-200-13&P Operators' Organizational and Direct Support Manual for Lightweight Camouflage Screen Systems
 4. TM 5-1080-250-12&P Ultra light Weight Camo Net System
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3531-OPER-2207: Prepare equipment for movement through the available types of transportation

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3531

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Provided with references, tools, personnel and a vehicle.

STANDARD: Safely shipping equipment from one location to another without damage.

PERFORMANCE STEPS:

1. Perform the services required on equipment prior to embarkation.
2. Verify equipment marking requirements.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
2. AIETM Applicable Interactive Electronic Technical Manual
3. DOD 4500.9-R Defense Transportation Regulation Parts I, II & III
4. JP 3-02.2 Amphibious Embarkation
5. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
6. MCO P4030.21 Packing of Material
7. MCO P4030.31_ Packing of Material, Preservation
8. MCO P4030.36_ Marine Corps Packaging Manual
9. MCRP 4-11.3G Unit Embarkation Handbook
10. NAVSEA SWO20-AF-HBK-010 Motor Vehicle Driver and Shipping Inspector's Manual for Ammunition, Explosives, and Related Hazardous Materials
11. TM 11240-OD_ Principal Technical Characteristics of U.S. Marine Corps Motor Transport Equipment
12. TM 11275-15/4 Tactical Engineer Equipment Licensing Examiner's Manual (Jun 83)

3531-OPER-2208: Conduct the dispatching of equipment using automated informational systems

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3531

GRADES: CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given references, a requirement, personnel, equipment for vehicle movements and automated informational system.

STANDARD: Ensuring accuracy and completeness.

PERFORMANCE STEPS:

1. Verify asset availability.
2. Validate operator's credentials.
3. Direct movement plan.
4. Maintain operational forms and records.

REFERENCES:

1. TCPT Users Guide Transportation Capacity Planning Tool (TCPT) Users Guide
 2. TM 4700-15/1_ Ground Equipment Record Procedures
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3531-OPER-2209: Manage the use of operational records

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3531

GRADES: CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Provided with references, equipment, personnel and the required forms.

STANDARD: Ensuring accuracy and completeness.

PERFORMANCE STEPS:

1. Complete operational records.
2. Audit operational records.
3. Determine the disposition of operational records.

REFERENCES:

1. MCO 11240.66D Standard Licensing Policy for Operators of Military Motor Vehicles (Jul 04)
 2. TM 11240-15/3F Motor Vehicle Licensing Official's Manual
 3. TM 4700-15/1_ Ground Equipment Record Procedures
 4. UM 4790-5 MIMMS-AIS Field Maintenance Procedures
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3531-OPER-2210: Direct limited vision driving operations for a movement

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3531, 3536

GRADES: CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Provided with a requirement, references, equipment, material, personnel and a limited vision situation.

STANDARD: Safely meeting operational requirements with no injury to personnel or damage to equipment.

PERFORMANCE STEPS:

1. Determine methods of illumination.
2. Determine appropriate visual signals.
3. Determine appropriate audio signals.
4. Determine appropriate convoy control measures.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
 2. AIETM Applicable Interactive Electronic Technical Manual
 3. FM 55-30 Army Motor Transport Units and Operations
 4. MCRP 4-11.3F Convoy Operations Handbook
 5. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
 6. TM 09500A-10/1 Operator's Manual Night Vision Goggles AN/PVS-7B and AN/PVS-7D
 7. TM 10271A-10/1A Operator's Manual Monocular Night Vision Devices (MNVD) AN/PVS-14
 8. TM 11-5855-262-10 Operator's Manual, AN/PVS-7
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3531-OPER-2211: Direct Preventive Maintenance Checks and Services (PMCS) on motor transport equipment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3531, 3536

GRADES: CPL, SGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Provided with a requirement, equipment, personnel, materials and references.

STANDARD: Maintaining unit combat readiness levels.

PERFORMANCE STEPS:

1. Assign personnel to equipment.
2. Provide required materials.
3. Determine the different types of PMCS.
4. Supervise conduct of PMCS.
5. Conduct the disposition of forms and records.
6. Maintain tool control procedures.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
 2. AIETM Applicable Interactive Electronic Technical Manual
 3. ALO/I Applicable Lubrication Order/Instruction
 4. FM 55-30 Army Motor Transport Units and Operations
 5. MCO P4790.2 MIMMS Field Procedures Manual
 6. TM 4700-15/1 Ground Equipment Record Procedures
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3531-OPER-2212: Conduct vehicle self recovery operations with motor transport equipment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3531

GRADES: CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Provided a vehicle to be recovered, applicable publications, and appropriate equipment.

STANDARD: Returning the equipment to operational capability.

PERFORMANCE STEPS:

1. Perform the eight step recovery method.
2. Enforce safety requirements.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
 2. AIETM Applicable Interactive Electronic Technical Manual
 3. FM 5-125 Rigging Techniques, Procedures and Applications
 4. MCRP 4-11.3F Convoy Operations Handbook
 5. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
 6. MCRP 4-11.4A Recovery and Battle Damage Assessment and Repair
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3531-OPER-2213: Supervise fording operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 3531

GRADES: CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Provided with a fording mission, personnel, equipment, required tools and references.

STANDARD: Safely meeting operational requirements with no injury to personnel or damage to equipment.

PERFORMANCE STEPS:

1. Direct pre-fording checks and services.
2. Direct the fording operation.
3. Direct after-fording checks and services.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
 2. AIETM Applicable Interactive Electronic Technical Manual
 3. FM 55-30 Army Motor Transport Units and Operations
 4. MCRP 4-11.3F Convoy Operations Handbook
 5. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
 6. MCWP 3-17.1 River-Crossing Operations
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3531-OPER-2214: Conduct fording operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 3531

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Provided with applicable references, an operational motor transport vehicle, a water obstacle, required tools and equipment.

STANDARD: Safely meeting operational requirements with no injury to personnel or damage to equipment per the references.

PERFORMANCE STEPS:

1. Direct pre-operation checks and services.
2. Direct the fording operation.
3. Direct post-fording checks and services.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
2. AIETM Applicable Interactive Electronic Technical Manual
3. ALO/I Applicable Lubrication Order/Instruction
4. FM 55-30 Army Motor Transport Units and Operations
5. MCRP 4-11.3F Convoy Operations Handbook
6. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
7. MCWP 3-17.1 River-Crossing Operations

3531-OPER-2215: Operate motor transport tractor with semitrailer

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3531

BILLETS: Refueler Operator

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Provided with applicable references, an operational motor transport tractor, semitrailer refueler, forms, required tools and equipment.

STANDARD: Safely meeting operational requirements with no injury to personnel or damage to equipment.

PERFORMANCE STEPS:

1. Perform PMCS.
2. Prepare operational forms and records.
3. Start the engine.
4. Adjust fifth wheel.
5. Select transmission gear.
6. Select transfer case gear.
7. Operate vehicle forward.
8. Operate vehicle in reverse.
9. Comply with traffic regulations.

10. Stop the vehicle.
11. Shut down the engine.
12. Complete operational forms and records.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
2. AIETM Applicable Interactive Electronic Technical Manual
3. ALO/I Applicable Lubrication Order/Instruction
4. 5.CFR 49 PARTS 100-185 Code of Federal Regulations - Transportation
6. DOD 4140.25 Management of Bulk Petroleum Products, Storage and Distribution Facilities
7. FM 10-69 Petroleum Supply Point Equipment and Operations
8. FM 21-305 Manual for Wheeled Vehicle Driver
9. TM 4700-15/1_ Ground Equipment Record Procedures

3531-OPER-2216: Operate motor transport equipment with trailer

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3531

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Provided with applicable references, an operational motor transport vehicle, full four wheeled trailer, cargo to be loaded, assistant driver, required tools and equipment.

STANDARD: To safely meet operational requirements with no injury to personnel or damage to equipment.

PERFORMANCE STEPS:

1. Connect trailer to vehicle.
2. Operate combination forward.
3. Operate combination in reverse.
4. Prepare trailer for loading.
5. Load trailer.
6. Unload trailer.
7. Disconnect trailer from vehicle.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
2. ALO/I Applicable Lubrication Order/Instruction
3. FM 21-305 Manual for Wheeled Vehicle Driver
4. FM 21-60 Visual Signals
5. FM 31-70 Basic Cold Weather Operations
6. FMFM 7-28 Jungle Operations
7. FMFM 7-29 Mountain Operations
8. MCRP 4-11.3F Convoy Operations Handbook
9. MCWP 3-17.1 Combined Arms Gap-Crossing Operations
10. MCWP 3-35.6 Desert Operations
11. TM 11240-15/3F Motor Vehicle Licensing Official's Manual
12. TM 11313-OR TRUCK, CARGO, 10X10, MKR18
13. TM 11775A-OI PALLETIZED LOAD SYSTEM TRAILER (PLST) MODEL M1076

14. TM 4700-15/1 Ground Equipment Record Procedures
15. TM 9-3990-206-14&P PLS FLATRACK (IPF) FLATRACK M1

3531-OPER-2217: Perform Improved Ribbon Bridge (IRB) Operation

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 3531

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Provided with applicable references, an operational MKR18, Improved Ribbon Bridge section, BII, required tools and equipment.

STANDARD: To safely meet operational requirements with no injury to personnel or damage to equipment.

PERFORMANCE STEPS:

1. Load bridge section.
2. Launch bridge section.
3. Recover bridge section.
4. Unload bridge section.
5. Secure the load.
6. Inspect the load.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
 2. AIETM Applicable Interactive Electronic Technical Manual
 3. MCWP 3-17.1 Combined Arms gap Crossing Operations.
 4. FM 21-60 Visual Signals
 5. MCWP 4-11.3 Transportation Operations
 6. MTMCTEA PAM 55-20 Tie down Handbook for truck movement
 7. TM 11313-OR TRUCK, CARGO, 10X10, MKR18
 8. TM 4700-15/1 Marine Corps Ground Equipment Record Procedures
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MOTOR T T&R MANUAL

CHAPTER 10

MOS 3534 INDIVIDUAL EVENTS

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MOTOR T T&R MANUAL

CHAPTER 10

MOS 3534 INDIVIDUAL EVENTS

10000. **PURPOSE.** This chapter includes all individual events for the Semitrailer Refueler Operator. Each event is composed of an individual event title, condition, standard, performance steps, support requirements, and references. Accomplishment and proficiency level required is determined by the event standard.

10001. **EVENT CODING.** Events in this T&R Manual are depicted with an up to 12-character, 3-field alphanumeric system, i.e. XXXX-XXXX-XXXX. This chapter utilizes the following methodology:

a. Field one. This field represents the community. This chapter contains the following community code:

<u>Code</u>	<u>Description</u>
3534	Semitrailer Refueler Operator

b. Field two. This field represents the functional/duty area. This chapter contains the following functional/duty area:

<u>Code</u>	<u>Description</u>
OPER	Operator

c. Field three. This field provides the level at which the event is accomplished and numerical sequencing of events. This chapter contains the following event level:

<u>Code</u>	<u>Description</u>
2000	Core Plus Skills

10002. **INDEX OF INDIVIDUAL EVENTS BY LEVEL**

EVENT CODE	EVENT	PAGE
2000-LEVEL		
3534-OPER-2001	Operate motor transport tractor with semitrailer refueler on road	10-3
3534-OPER-2002	Conduct refueling operations	10-4
3534-OPER-2003	Perform emergency procedures on motor transport tractor with semitrailer refueler	10-5
3534-OPER-2004	Conduct defueling operations	10-6

10003. 2000-LEVEL EVENTS

3534-OPER-2001: Operate motor transport tractor with semitrailer refueler on road

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3534

GRADES: LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Provided with applicable references, an operational motor transport tractor, semitrailer refueler, forms, required tools and equipment.

STANDARD: To safely meet operational requirements with no injury to personnel or damage to equipment.

PERFORMANCE STEPS:

1. Perform PMCS.
2. Prepare operational forms and records.
3. Start the engine.
4. Select transmission gear.
5. Select transfer case gear.
6. Operate vehicle forward.
7. Operate vehicle in reverse.
8. Comply with traffic regulations.
9. Stop the vehicle.
10. Shut down the engine.
11. Complete operational forms and records.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
2. AIEEM Applicable Interactive Electronic Technical Manual
3. ALO/I Applicable Lubrication Order/Instruction
4. CFR 40 Code of Federal Regulations - Hazardous Substances & Wastes
5. CFR 49 PARTS 100-185 Code of Federal Regulations - Transportation
6. DOD 4140.25 Management of Bulk Petroleum Products, Storage and Distribution Facilities
7. DOD 4500.9-R Defense Transportation Regulation Parts I, II & III
8. FM 10-69 Petroleum Supply Point Equipment and Operations
9. FM 21-305 Manual for Wheeled Vehicle Driver
10. FM 31-70 Basic Cold Weather Operations
11. FMFM 7-28 Jungle Operations
12. FMFM 7-29 Mountain Operations
13. MCO P5090.2A Environmental Compliance and Protection Manual (Jul 98)
14. MCRP 4-11.3F Convoy Operations Handbook
15. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations.
16. MCRP 4-11.6 Petroleum and Water Logistics Operations
17. MCRP 4-11B Environmental Considerations in Military Operations (Jun 00)
18. MCWP 3-17.1 Combined Arms gap Crossing Operations
19. MCWP 3-35.6 Desert Operations
20. MCWP 4-11.3 Transportation Operations
21. MIL-HDBK-844A Aircraft Refueling Handbook for Navy and Marine Corps

- aircraft
22. NAVAIR 00-80T-109 Aircraft Refueling NATOPS Manual
 23. NAVMC DIR 5100.8 Marine Corps Occupational Safety and Health (OSH) Program Manual (May 06)
 24. NAVSEA OP 5 VOL 1 Ammunition & Explosives Ashore Safety Regulation (ESQD Information)
 25. NAVSEA SWO20-AC-SAF-010 Transportation and Storage Data for Ammunition, Explosives and Related Hazardous Materials
 26. NAVSEA SWO20-AF-HBK-010 Motor Vehicle Driver and Shipping Inspector's Manual for Ammunition, Explosives, and Related Hazardous Materials
 27. NAVSEA SWO20-AG-SAF-010 Navy Transportation Safety Handbook for Ammunition, Explosives and related Hazardous Materials
 28. TM 08089B-OI/1 SEMITRAILER TANK 5000 GAL Dispensing, under/overwing Aircraft MK970
 29. TM 08674A-10/1 Ops and Maintenance Instructions Aircraft CFR Truck
 30. TM 09003A-15/1 SixCon Fuel Pump Module
 31. TM 10629-10 System Operation Manual for Truck, Cargo, 7-Ton (MTVR)
 32. TM 11165A-10 Truck, Tractor< 7-Ton MK31, AMK31
 33. TM 4700-15/1 Marine Corps Ground Equipment Record Procedures
 34. TM 5-2330-356-14&P Semi-Trailer Tank, 5000
 35. TM 5-848-2 Handling of Aircraft and Automotive Fuels
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3534-OPER-2002: Conduct refueling operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3534

GRADES: LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Provided with applicable references, an operational motor transport tractor, semitrailer refueler, forms, required tools and equipment.

STANDARD: To safely meet operational requirements with no injury to personnel or damage to equipment.

PERFORMANCE STEPS:

1. Identify various fuels.
2. Transport hazardous cargo.
3. Recirculate fuel in semitrailer refueler.
4. Obtain fuel sample for testing.
5. Refuel ground equipment.
6. Approach aircraft.
7. Ground vehicle.
8. Bond vehicle.
9. Refuel aircraft.
10. Troubleshoot semitrailer refueler.
11. Perform emergency shutdown procedures.
12. Maintain fuel logbook.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
2. AIETM Applicable Interactive Electronic Technical Manual

3. ALO/I Applicable Lubrication Order/Instruction
4. DOD 4140.25 Management of Bulk Petroleum Products, Storage and Distribution Facilities
5. DOD 4500.9-R Defense Transportation Regulation Parts I, II & III
6. FM 21-305 Manual for Wheeled Vehicle Driver
7. FM 31-70 Basic Cold Weather Operations
8. FMFM 7-28 Jungle Operations
9. FMFM 7-29 Mountain Operations
10. MCO P5090.2A Environmental Compliance and Protection Manual (Jul 98)
11. MCRP 4-11.3F Convoy Operations Handbook
12. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
13. MCRP 4-11.6 Petroleum and Water Logistics Operations
14. MCRP 4-11B Environmental Considerations in Military Operations (Jun 00)
15. MCWP 3-17.1 Combined Arms gap Crossing Operations
16. MCWP 3-35.6 Desert Operations
17. MCWP 4-11.3 Transportation Operations
18. MIL-HDBK-844A Aircraft Refueling Handbook for Navy and Marine Corps aircraft
19. NAVAIR 00-80T-109 Aircraft Refueling NATOPS Manual
20. NAVSEA OP 5 VOL 2 Ammunition & Explosives Ashore Safety Regulation
21. NAVSEA SWO20-AC-SAF-010 Transportation and Storage Data for Ammunition, Explosives and Related Hazardous Materials
22. NAVSEA SWO20-AF-HBK-010 Motor Vehicle Driver and Shipping Inspector's Manual for Ammunition, Explosives, and Related Hazardous Materials
23. NAVSEA SWO20-AG-SAF-010 Navy Transportation Safety Handbook for Ammunition, Explosives and related Hazardous Materials
24. TM 01461B-12 & P/1 w/ch 1& 2 Test Kit, Petroleum, Aviation Fuel, Contaminant
25. TM 08089B-OI/1 SEMITRAILER TANK 5000 GAL Dispensing, under/overwing Aircraft MK970
26. TM 10629-10 System Operation Manual for Truck, Cargo, 7-Ton (MTVR)
27. TM 11165A-10 Truck, Tractor< 7-Ton MK31, AMK31
28. TM 11240-ODA Principal Technical Characteristics of U.S. Marine Corps Motor Transport Equipment
29. TM 11275-15/3D Principal Technical Characteristics of U.S. Marine Corps Engineer Equipment (May 02)
30. TM 4700-15-1/H Marine Corps Equipment Forms and Records
31. TM 5-2330-356-14&P Semi-Trailer Tank, 5000
32. TM 5-848-2 Handling of Aircraft and Automotive Fuels

3534-OPER-2003: Perform emergency procedures on motor transport tractor with semitrailer refueler

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3534

GRADES: LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Provided with applicable references, an operational tractor, semi trailer refueler, required tools and equipment.

STANDARD: To safely meet operational requirements with no injury to personnel or damage to equipment.

PERFORMANCE STEPS:

1. Operate with loss of air pressure.
2. Manually cage brake chambers.
3. Perform emergency shutdown procedures on tractor with semi trailer refueler.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
2. AIETM Applicable Interactive Electronic Technical Manual
3. ALO/I Applicable Lubrication Order/Instruction
4. DOD 4500.9-R Defense Transportation Regulation Parts I, II & III
5. FM 21-305 Manual for Wheeled Vehicle Driver
6. FM 31-70 Basic Cold Weather Operations
7. FMFM 7-28 Jungle Operations
8. FMFM 7-29 Mountain Operations
9. MCO P5090.2A Environmental Compliance and Protection Manual (Jul 98)
10. MCRP 4-11.3F Convoy Operations Handbook
11. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
12. MCRP 4-11.4A Battle Damage Assessment and Repair
13. MCRP 4-11.6 Petroleum and Water Logistics Operations
14. MCWP 3-17.1 Combined Arms gap Crossing Operations
15. MCWP 3-35.6 Desert Operations
16. MIL-HDBK-844A Aircraft Refueling Handbook for Navy and Marine Corps aircraft
17. NAVAIR 00-80T-109 Aircraft Refueling NATOPS Manual
18. NAVAIR-00-80T-109 Aircraft Refueling NATOPS Manual
19. NAVSEA OP 5 VOL 1 Ammunition & Explosives Ashore Safety Regulation (ESQD Information)
20. NAVSEA OP 5 VOL 2 Ammunition & Explosives Ashore Safety Regulation
21. NAVSEA SWO20-AC-SAF-010 Transportation and Storage Data for Ammunition, Explosives and Related Hazardous Materials
22. NAVSEA SWO20-AF-HBK-010 Motor Vehicle Driver and Shipping Inspector's Manual for Ammunition, Explosives, and Related Hazardous Materials
23. NAVSEA SWO20-AG-SAF-010 Navy Transportation Safety Handbook for Ammunition, Explosives and related Hazardous Materials
24. TM 08089B-OI/1 SEMITRAILER TANK 5000 GAL Dispensing, under/overwing Aircraft MK970
25. TM 10629-10 System Operation Manual for Truck, Cargo, 7-Ton (MTRV)
26. TM 11165A-10 Truck, Tractor < 7-Ton MK31, AMK31
27. TM 11240-15/3F Motor Vehicle Licensing Official's Manual
28. TM 5-2330-356-14&P Semi-Trailer Tank, 5000
29. TM 5-848-2 Handling of Aircraft and Automotive Fuels

3534-OPER-2004: Conduct defueling operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3534

GRADES: LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Provided with applicable references, an operational motor transport tractor, semitrailer refueler, forms, required tools and equipment.

STANDARD: To safely meet operational requirements with no injury to personnel or damage to equipment.

PERFORMANCE STEPS:

1. Perform grounding operations.
2. Perform bonding operations.
3. Perform defueling operations.
4. Troubleshoot semitrailer refueler.
5. Maintain defuel logbook.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
2. AIETM Applicable Interactive Electronic Technical Manual
3. ALO/I Applicable Lubrication Order/Instruction
4. DOD 4140.25 Management of Bulk Petroleum Products, Storage and Distribution Facilities
5. FM 21-305 Manual for Wheeled Vehicle Driver
6. FM 31-70 Basic Cold Weather Operations
7. FMFM 7-28 Jungle Operations
8. FMFM 7-29 Mountain Operations
9. MCO P5090.2A Environmental Compliance and Protection Manual (Jul 98)
10. MCRP 4-11.3F Convoy Operations Handbook
11. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
12. MCRP 4-11.6 Petroleum and Water Logistics Operations
13. MCRP 4-11B Environmental Considerations in Military Operations (Jun 00)
14. MCWP 3-17.1 Combined Arms gap Crossing Operations
15. MCWP 3-35.6 Desert Operations
16. MIL-HDBK-844A Aircraft Refueling Handbook for Navy and Marine Corps aircraft
17. NAVAIR 00-80T-109 Aircraft Refueling NATOPS Manual
18. NAVAIR-00-80T-109 Aircraft Refueling NATOPS Manual
19. NAVSEA OP 5 VOL 1 Ammunition & Explosives Ashore Safety Regulation (ESQD Information)
20. NAVSEA OP 5 VOL 2 Ammunition & Explosives Ashore Safety Regulation
21. NAVSEA SWO20-AC-SAF-010 Transportation and Storage Data for Ammunition, Explosives and Related Hazardous Materials
22. NAVSEA SWO20-AF-HBK-010 Motor Vehicle Driver and Shipping Inspector's Manual for Ammunition, Explosives, and Related Hazardous Materials
23. NAVSEA SWO20-AG-SAF-010 Navy Transportation Safety Handbook for Ammunition, Explosives and related Hazardous Materials
24. TM 08089B-OI/1 SEMITRAILER TANK 5000 GAL Dispensing, under/overwing Aircraft MK970
25. TM 10629-10 System Operation Manual for Truck, Cargo, 7-Ton (MTVR)
26. TM 11165A-10 Truck, Tractor< 7-Ton MK31, AMK31
27. TM 11240-15/3F Motor Vehicle Licensing Official's Manual
28. TM 11240-15/4 Motor Transport Equipment Characteristics Manual
29. TM 11275-15/3D Principal Technical Characteristics of U.S. Marine Corps Engineer Equipment (May 02)
30. TM 4700-15/1 Marine Corps Ground Equipment Record Procedures
31. TM 5-2330-356-14&P Semi-Trailer Tank, 5000
32. TM 5-848-2 Handling of Aircraft and Automotive Fuels

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CHAPTER 11

MOS 3536 INDIVIDUAL EVENTS

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MOTOR T T&R MANUAL

CHAPTER 11

MOS 3536 INDIVIDUAL EVENTS

11000. PURPOSE. This chapter includes all individual events for the Vehicle Recovery Operator. Each event is composed of an individual event title, condition, standard, performance steps, support requirements, and references. Accomplishment and proficiency level required is determined by the event standard.

11001. EVENT CODING. Events in this T&R Manual are depicted with an up to 12-character, 3-field alphanumeric system, i.e. XXXX-XXXX-XXXX. This chapter utilizes the following methodology:

a. Field one. This field represents the community. This chapter contains the following community code:

<u>Code</u>	<u>Description</u>
3536	Vehicle Recovery Operator.

b. Field two. This field represents the functional/duty area. This chapter contains the following functional/duty area:

<u>Code</u>	<u>Description</u>
OPER	Operator

c. Field three. This field provides the level at which the event is accomplished and numerical sequencing of events. This chapter contains the following event level:

<u>Code</u>	<u>Description</u>
2000	Core Plus Skills

11002. INDEX OF INDIVIDUAL EVENTS BY LEVEL

EVENT CODE	EVENT	PAGE
2000-LEVEL		
3536-OPER-2001	Cut metal with oxygen acetylene torch	11-3
3536-OPER-2002	Operate auxiliary hydraulic powered tools on tactical wrecker	11-3
3536-OPER-2003	Conduct lift tow operations	11-4
3536-OPER-2004	Conduct flat tow operations	11-5
3536-OPER-2005	Conduct winch operations	11-6
3536-OPER-2006	Perform Material Handling Crane (MHC) operations with a tactical wrecker	11-7

11003. 2000-LEVEL EVENTS

3536-OPER-2001: Cut metal with oxygen acetylene torch

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3536

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Provided with applicable references, an operational motor transport wrecker, materials, required tools and equipment.

STANDARD: To support recovery operations, while adhering to safety procedures so minimal risk is presented to any persons or to any flammable or ignitable materials in the vicinity of the recovery.

PERFORMANCE STEPS:

1. Prepare equipment.
2. Perform cutting operation.
3. Secure equipment.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
2. AIETM Applicable Interactive Electronic Technical Manual
3. ALO/I Applicable Lubrication Order/Instruction
4. ATI Applicable Technical Instruction
5. FM 21-305 Manual for Wheeled Vehicle Driver
6. MCO 10330.2D Storage and Handling of Liquefied and Gaseous Compressed Gasses and Their Full and Empty Cylinders (Jun 00)
7. MCO 4733.1B Marine Corps Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP) (Jun 99)
8. MCRP 4-11.4 Recovery and Battlefield Damage Assessment and Repair
9. TC 9-237 Welding Theory
10. TI 4733-15/1 Calibration Requirements Test, Measurement and Diagnostic Equipment (TMDE) Calibration and Maintenance Program
11. TM 08780B-10 Operators Manual for the LVS
12. TM 10633A-10 System operation manual with components list for truck, wrecker, 7 ton, MK36

3536-OPER-2002: Operate auxiliary tools on tactical wrecker

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3536

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Provided with applicable references, an operational motor transport wrecker, additional wrecker, materials, required tools and

equipment.

STANDARD: To safely meet operational requirements with no injury to personnel or damage to equipment.

PERFORMANCE STEPS:

1. Prepare wrecker for auxiliary tool operation.
2. Employ auxiliary tools.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
 2. AIETM Applicable Interactive Electronic Technical Manual
 3. ALO/I Applicable Lubrication Order/Instruction
 4. FM 21-305 Manual for Wheeled Vehicle Driver
 5. MCO P11262.2 Inspection, Testing, and Certification of Tactical Ground Load Lifting Equipment
 6. MCRP 4-11.4 Recovery and Battlefield Damage Assessment and Repair
 7. TM 08780B-10 Operators Manual for the LVS
 8. TM 4700-15/1 Marine Corps Ground Equipment Record Procedures
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3536-OPER-2003: Conduct lift tow operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3536

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Provided with applicable references, operational motor transport wrecker, vehicle that requires towing, required tools and equipment.

STANDARD: To safely meet operational requirements with no injury to personnel or damage to equipment.

PERFORMANCE STEPS:

1. Prepare vehicle for lift tow.
2. Inspect towed vehicle.
3. Operate vehicle.
4. Disconnect towed vehicle.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
2. AIETM Applicable Interactive Electronic Technical Manual
3. ALO/I Applicable Lubrication Order/Instruction
4. FM 21-305 Manual for Wheeled Vehicle Driver
5. FM 21-60 Visual Signals
6. FM 31-70 Basic Cold Weather Operations
7. FMFM 7-28 Jungle Operations
8. FMFM 7-29 Mountain Operations
9. MCO P11262.2 Inspection, Testing, and Certification of Tactical Ground Load Lifting Equipment
10. MCRP 4-11.3F Convoy Operations Handbook
11. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for

- Tactical Convoy Operations
12. MCRP 4-11.4 Recovery and Battlefield Damage Assessment and Repair
 13. MCWP 3-17.1 Combined Arms gap Crossing Operations
 14. MCWP 3-35.6 Desert Operations
 15. MCWP 4-11.3 Transportation Operations
 16. TM 08780B-10 Operators Manual for the LVS
 17. TM 10629-10 System Operation Manual for Truck, Cargo, 7-Ton (MTRV)
 18. TM 10633A-10 System operation manual with components list for truck, wrecker, 7 ton, MK36
 19. TM 10780B-10 TRUCK, AVIATION REFUELING CAPABILITY
 20. TM 10867B-12&P Medium Duty Tow Bar Kit
 21. TM 10920A-10 HIMARS RSV, 5.6 TON
 22. TM 11033-OR Operators Manual for M1113, M1114, M1151, M1152
 23. TM 11165A-10 Truck, Tractor< 7-Ton MK31, AMK31
 24. TM 11240-15/3F Motor Vehicle Licensing Official's Manual
 25. TM 11240-ODA Principal Technical Characteristics of U.S. Marine Corps Motor Transport Equipment
 26. TM 11313-OR TRUCK, CARGO, 10X10, MKR18
 27. TM 11751A-OR HEAVY DUTY TOW BAR KIT
 28. TM 11803A-OI MINE RESISTANT AMBUSH PROTECTED ALL TERRAIN VEHICLE (M-ATV) M1240
 29. TM 2320-10/11 Operator Manual, Logistics Vehicle System
 30. TM 2320-10/6 Operator Manual for HMMWV
 31. TM 2320-OR FAMILY OF INTERNALLY TRANSPORTABLE VEHICLES (ITV) AND AMMO TRAILER (M1161, M1163, M1164)
 32. TM 4700-15/1 Marine Corps Ground Equipment Record Procedures
 33. TM 9-4910-593-12P Tow Bar Motor Vehicle
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3536-OPER-2004: Conduct flat tow operations

EVALUATION-CODED: NO SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3536

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Provided with applicable references, an operational motor transport wrecker, vehicle that requires towing, required tools, and equipment.

STANDARD: To safely meet operational requirements with no injury to personnel or damage to equipment.

PERFORMANCE STEPS:

1. Prepare the vehicle for flat tow.
2. Flat tow vehicle.
3. Disconnect tow vehicle.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
2. AIETM Applicable Interactive Electronic Technical Manual
3. ALO/I Applicable Lubrication Order/Instruction
4. FM 21-60 Visual Signals

5. FM 31-70 Basic Cold Weather Operations
6. FM 5-125 Rigging Techniques, Procedures and Applications
7. FMFM 7-28 Jungle Operations
8. FMFM 7-29 Mountain Operations
9. MCO P11262.2 Inspection, Testing, and Certification of Tactical Ground Load Lifting Equipment
10. MCRP 4-11.3F Convoy Operations Handbook
11. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
12. MCRP 4-11.4 Recovery and Battlefield Damage Assessment and Repair
13. MCWP 3-17.1 Combined Arms gap Crossing Operations
14. MCWP 3-35.6 Desert Operations
15. MCWP 4-11.3 Transportation Operations
16. TM 08780B-10 Operators Manual for the LVS
17. TM 10629-10 System Operation Manual for Truck, Cargo, 7-Ton (MTRV)
18. TM 10633A-10 System operation manual with components list for truck, wrecker, 7 ton, MK36
19. TM 10780B-10 TRUCK, AVIATION REFUELING CAPABILITY
20. TM 10867B-12&P Medium Duty Tow Bar Kit
21. TM 10920A-10 HIMARS RSV, 5.6 TON
22. TM 11033-OR Operators Manual for M1113, M1114, M1151, M1152
23. TM 11165A-10 Truck, Tractor< 7-Ton MK31, AMK31
24. TM 11240-15/3F Motor Vehicle Licensing Official's Manual
25. TM 11240-ODA Principal Technical Characteristics of U.S. Marine Corps Motor Transport Equipment
26. TM 11313-OR TRUCK, CARGO, 10X10, MKR18
27. TM 11751A-OR HEAVY DUTY TOW BAR KIT
28. TM 11803A-OI MINE RESISTANT AMBUSH PROTECTED ALL TERRAIN VEHICLE (M-ATV) M1240
29. TM 2320-10/6 Operator Manual for HMMWV
30. TM 2320-OR FAMILY OF INTERNALLY TRANSPORTABLE VEHICLES (ITV) AND AMMO TRAILER (M1161, M1163, M1164)
31. TM 4700-15/1 Marine Corps Ground Equipment Record Procedures
32. TM 9-4910-593-12P Tow Bar Motor Vehicle

3536-OPER-2005: Conduct winch operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3536

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Provided with applicable references, an operational motor transport wrecker, a vehicle that requires recovery through the use of winches, required tools and equipment.

STANDARD: To safely meet operational requirements with no injury to personnel or damage to equipment.

PERFORMANCE STEPS:

1. Prepare wrecker for winch operations.
2. Perform 8 step recovery process.

3. Prepare wrecker for road operations.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
2. AIETM Applicable Interactive Electronic Technical Manual
3. ALO/I Applicable Lubrication Order/Instruction
4. FM 31-70 Basic Cold Weather Operations
5. FM 5-125 Rigging Techniques, Procedures and Applications
6. FMFM 7-28 Jungle Operations
7. FMFM 7-29 Mountain Operations
8. MCO P11262.2 Inspection, Testing, and Certification of Tactical Ground Load Lifting Equipment
9. MCRP 4-11.3F Convoy Operations Handbook
10. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
11. MCRP 4-11.4 Recovery and Battlefield Damage Assessment and Repair
12. MCWP 3-17.1 Combined Arms gap Crossing Operations
13. MCWP 3-35.6 Desert Operations
14. TM 08780B-10 Operators Manual for the LVS
15. TM 10629-10 System Operation Manual for Truck, Cargo, 7-Ton (MTRV)
16. TM 10633A-10 System operation manual with components list for truck, wrecker, 7 ton, MK36
17. TM 10920A-10 HIMARS RSV, 5.6 TON
18. TM 11033-OR Operators Manual for M1113, M1114, M1151, M1152
19. TM 11165A-10 Truck, Tractor< 7-Ton MK31, AMK31
20. TM 11240-15/3F Motor Vehicle Licensing Official's Manual
21. TM 11240-ODA Principal Technical Characteristics of U.S. Marine Corps Motor Transport Equipment
22. TM 11313-OR TRUCK, CARGO, 10X10, MKR18
23. TM 11751A-OR HEAVY DUTY TOW BAR KIT
24. TM 11803A-OI MINE RESISTANT AMBUSH PROTECTED ALL TERRAIN VEHICLE (M-ATV) M1240
25. TM 2320-10/6 Operator Manual for HMMWV
26. TM 2320-OR FAMILY OF INTERNALLY TRANSPORTABLE VEHICLES (ITV) AND AMMO TRAILER (M1161, M1163, M1164)
27. TM 4700-15/1 Marine Corps Ground Equipment Record Procedures
28. TM 9-4910-593-12P Tow Bar Motor Vehicle

3536-OPER-2006: Perform Material Handling Crane (MHC) operations with a tactical wrecker

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 3536

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Provided with applicable references, cargo to be transfer by MHC, forms, required tools and equipment.

STANDARD: To safely meet operational requirements with no injury to personnel or damage to equipment.

PERFORMANCE STEPS:

1. Complete load test equipment daily checklist.
2. Prepare wrecker for crane operation.
3. Conduct crane operations.
4. Prepare vehicle for follow on operations.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
 2. AIETM Applicable Interactive Electronic Technical Manual
 3. ALO/I Applicable Lubrication Order/Instruction
 4. FM 21-60 Visual Signals
 5. FM 31-70 Basic Cold Weather Operations
 6. FM 5-125 Rigging Techniques, Procedures and Applications
 7. FMFM 7-28 Jungle Operations
 8. FMFM 7-29 Mountain Operations
 9. MCO P11262.2 Inspection, Testing, and Certification of Tactical Ground Load Lifting Equipment
 10. MCRP 4-11.3F Convoy Operations Handbook
 11. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
 12. MCRP 4-11.4 Recovery and Battlefield Damage Assessment and Repair
 13. TM 08780B-10 Operators Manual for the LVS
 14. TM 10633A-10 System operation manual with components list for truck, wrecker, 7 ton, MK36
 15. TM 4700-15/1 Marine Corps Ground Equipment Record Procedures
-

MOTOR T T&R MANUAL

CHAPTER 12

MOS 3537 INDIVIDUAL EVENTS

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CHAPTER 12

MOS 3537 INDIVIDUAL EVENTS

12000. PURPOSE. This chapter includes all individual events for the Motor Transport Operations Chief. Each event is composed of an individual event title, condition, standard, performance steps, support requirements, and references. Accomplishment and proficiency level required is determined by the event standard.

12001. EVENT CODING. Events in this T&R Manual are depicted with an up to 12-character, 3-field alphanumeric system, i.e. XXXX-XXXX-XXXX. This chapter utilizes the following methodology:

a. Field one. This field represents the community. This chapter contains the following community code:

<u>Code</u>	<u>Description</u>
3537	Motor Transport Operations Chief

b. Field two. This field represents the functional/duty area. This chapter contains the following functional/duty areas:

<u>Code</u>	<u>Description</u>
ADMN	Administration
OPER	Operator

c. Field three. This field provides the level at which the event is accomplished and numerical sequencing of events. This chapter contains the following event level:

<u>Code</u>	<u>Description</u>
2000	Core Plus Skills

12002. INDEX OF INDIVIDUAL EVENTS BY LEVEL

<u>EVENT CODE</u>	<u>EVENT</u>	<u>PAGE</u>
2000-LEVEL		
3537-ADMN-2101	Manage tool control	12-3
3537-ADMN-2102	Manage the handling of hazardous material/waste	12-3
3537-ADMN-2103	Manage a publication library	12-4
3537-ADMN-2104	Supervise Maintenance Automated Information System (MAIS) functions	12-5
3537-MAIN-2105	Maintain equipment accountability	12-5
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3537-OPER-2302	Supervise convoy operations	12-7
3537-OPER-2303	Manage transportation support	12-7

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12004. 2000-LEVEL EVENTS

3537-ADMN-2101: Manage tool control

EVALUATION-CODED: NO SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3537

GRADES: SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given references, tool sets, chests, and kits.

STANDARD: Ensuring accurate accountability and serviceability.

PERFORMANCE STEPS:

1. Identify authorized tool sets, chests, and kits.
2. Enforce inventory procedures.
3. Inspect inventory records.
4. Validate tool sets, chests, and kits requisitions.
5. Determine control methods.
6. Enforce tool disposition procedures.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
2. AIETM Applicable Interactive Electronic Technical Manual
3. ASL-3 Applicable Stock Listing -3
4. MCO P4400.150_ Consumer Level Supply Policy Manual
5. MCO P4790.2_ MIMMS Field Procedures Manual

3537-ADMN-2102: Manage the handling of hazardous material/waste

EVALUATION-CODED: NO SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3537

GRADES: SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given references, a requirement, equipment, personnel and hazardous materials.

STANDARD: Without risk to personnel, equipment or environment.

PERFORMANCE STEPS:

1. Identify commodity hazardous material.
2. Manage the administrative requirements for handling hazardous material.
3. Direct the use of the appropriate Personal Protective Equipment (PPE).
4. Provide oversight on the storage of hazardous materials.
5. Direct the disposal of hazardous waste.

REFERENCES:

1. CFR 29 Code of Federal Regulations - Labor
 2. CFR 40 Code of Federal Regulations - Hazardous Substances & Wastes
 3. CFR 49 PARTS 100-185 Code of Federal Regulations - Transportation
 4. DCAM 4145.11 Storage & Handling of Hazardous Material
 5. MCO 10330.2D Storage and Handling of Liquefied and Gaseous Compressed Gasses and Their Full and Empty Cylinders (Jun 00)
 6. MCO 4450.12A Storage and Handling of Hazardous Materials (Jan 99)
 7. MCO P5090.2A Environmental Compliance and Protection Manual (Jul 98)
 8. NAVMC DIR 5100.8 Marine Corps Occupational Safety and Health (OSH) Program Manual (May 06)
 9. NAVSEA SWO20-AC-SAF-010 Transportation and Storage Data for Ammunition, Explosives and Related Hazardous Materials
 10. NAVSEA SWO20-AF-ABK-010 Motor Vehicle Driver and Shipping Inspector's Manual for Ammunition, Explosives and Related Hazardous Materials
 11. NAVSEA SWO20-AG-SAF-010 Navy Transportation Safety Handbook for Ammunition, Explosives and related Hazardous Materials
 12. TM 9-6140-200-14 Lead Acid Batteries 4HN, 2H, 6TN
-

3537-ADMN-2103: Manage a publication library

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3537

GRADES: SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Provided with references, personnel, support equipment and a publication library.

STANDARD: To maintain a unit's operational capability and readiness.

PERFORMANCE STEPS:

1. Inspect the library.
2. Order deficient publications.
3. Direct the maintenance of publications.
4. Determine validation requirements.
5. Determine reconciliation requirements.
6. Administer manager's responsibilities.
7. Administer changes.

REFERENCES:

1. MCO 5215.1_ Marine Corps Directives Management Program
2. MCO P4790.2_ MIMMS Field Procedures Manual

3. MCO P5215.17_ Marine Corps Technical Publications System
4. MCO P5600.31_ Marine Corps Publication and Printing Regulations
5. NAVMC 2761 Catalog of Publications
6. SL 1-2 Index of Authorized Publication for Equipment Support
7. SL 1-3 Index of Authorized Publications in Stock
8. UM-MCPDS 5605 Marine Corps Publications Distribution System
9. UM-PLMS Marine Corps Publications Library Management System (PLMS) Users Manual

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: This task has been selected as a DL candidate and will remain an MOJT event until a DL product is produced.

3537-ADMN-2104: Supervise Maintenance Automated Information System (MAIS) functions

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3537

GRADES: SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given references, a requirement, personnel, input transactions and output reports.

STANDARD: In accordance with maintenance management procedures to maintain unit readiness levels.

PERFORMANCE STEPS:

1. Identify the types of MAIS input transactions.
2. Monitor the preparation of MAIS input transactions.
3. Audit MAIS input transactions.
4. Determine the use of MAIS output reports.
5. Audit output reports.

REFERENCES:

1. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
 2. MCO 3000.11_ Marine Corps Automated Readiness Evaluation System (MARES)
 3. MCO 4400.16_ Uniform Material Movement and Issue Priority System
 4. MCO P4400.150_ Consumer Level Supply Policy Manual
 5. MCO P4790.1 Marine Corps Integrated Maintenance Management System (MIMMS) Manual
 6. MCO P4790.2_ MIMMS Field Procedures Manual
 7. TM 4700-15/1_ Ground Equipment Record Procedures
 8. UM 4790-5 MIMMS-AIS Field Maintenance Procedures
-

3537-MAIN-2105: Maintain equipment accountability

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3537

GRADES: SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given equipment and equipment accountability records.

STANDARD: Ensuring 100% accountability and accurate documentation of equipment and supplies.

PERFORMANCE STEPS:

1. Receipt for all on hand equipment.
2. Submit required documentation.
3. Conduct inventories as required.
4. Manage sub-custody as required.

REFERENCES:

1. MCO P4400.150_Consumer Level Supply Policy Manual
 2. UM 4400-123 FMF SASSY Management Unit Procedures
 3. UM 4400-124 SASSY Using Unit Procedures
-

3537-OPER-2301: Manage a Motor transport licensing program

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3537

GRADES: SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given references, forms, personnel and appropriate resources.

STANDARD: To ensure accuracy and compliance.

PERFORMANCE STEPS:

1. Process applicants for licenses.
2. Supervise drivers testing.
3. Validate operational records.
4. Submit official correspondence.
5. Manage the disposition of records.

REFERENCES:

1. MCO 11240.66D Standard Licensing Policy for Operators of Military Motor Vehicles (Jul 04)
2. TM 11240-15/3F Motor Vehicle Licensing Official's Manual
3. TM 4700-15/1_Ground Equipment Record Procedures
4. UM 4790-5 MIMMS-AIS Field Maintenance Procedures

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Only units/commands with authorized licensing codes can issue an OF 346. Licensing codes are listed in the TM 11240-13/3_.

3537-OPER-2302: Supervise convoy operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3537

GRADES: SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given references, vehicles, personnel, required tools and equipment.

STANDARD: To arrive at a determined location safely without any accidents.

PERFORMANCE STEPS:

1. Analyze the order.
2. Inspection cargo loads.
3. Organize the convoy in march order.
4. Identify classifications for routes.
5. Identify defense requirements of a tactical convoy.
6. Identify convoy communication requirements.
7. Conduct a convoy mission brief.
8. Direct the movement of the convoy using navigational devices.
9. Conduct a post mission debrief.
10. Prepare a post mission After Action Report (AAR).

REFERENCES:

1. FM 55-30 Army Motor Transport Units and Operations
2. MCRP 3-40-3A Multi-Service Communications Procedures and Tactical Radio Procedures in Joint environment
3. MCRP 4-11.3F Convoy Operations Handbook
4. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
5. MCRP 4-11.4A Recovery and Battle Damage Assessment and Repair
6. MCWP 3-17.1 Combined Arms Gap-Crossing Operations
7. MCWP 4-1 Logistics Operations
8. MCWP 4-11 Tactical-Level Logistics
9. MSTP PAM 4-0.1 Movement Control
10. NAVSEA OP 5 VOL 1 Ammunition & Explosives Ashore Safety Regulation (ESQD Information)
11. NAVSEA OP 5 VOL 2 Ammunition & Explosives Ashore Safety Regulation
12. NAVSEA SWO20-AF-ABK-010 Motor Vehicle Driver and Shipping Inspector's Manual for Ammunition, Explosives and Related Hazardous Materials
13. NAVSEA SWO20-AG-SAF-010 Navy Transportation Safety Handbook for Ammunition, Explosives and related Hazardous Materials
14. TM 09880C-0R Operator's Guide, DAGR Operator's Pocket Guide
15. TM 11240-OD Principal Technical Characteristics of U.S. Marine Corps Motor Transport Equipment

3537-OPER-2303: Manage transportation support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3537

GRADES: SSGT, GYSGT, MSGT, MGYSGT.

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the operation order, references, commander's guidance, resources, and a requirement.

STANDARD: Ensuring transportation capabilities are provided to support the mission in accordance with the commander's guidance.

PERFORMANCE STEPS:

1. Identify transportation requirements.
2. Identify organic/non-organic transportation capabilities.
3. Participate in movement planning.
4. Validate ground transportation support requirements.
5. Coordinate ground transportation support.
6. Coordinate with movement control agencies.
7. Integrate transportation support planning with the other five tactical functions of logistics.
8. Coordinate a unit move.
9. Prepare equipment for movement through available modes of transportation.
10. Prepare Motor Transport Operational Orders.

REFERENCES:

1. DOD 4500.9-R Defense Transportation Regulation Parts I, II & III
2. FMFM 1-5 Maritime Prepositioning Force (MPF) OPS
3. FMFM 4-3 MAGTF Landing Support Operations
4. FMFM 4-6 Movement of Units in Air Force Aircraft
5. JP 3-02.1 Amphibious Embarkation and Debarkation
6. JP 3-02.2 Amphibious Embarkation
7. MCO P4030.19 Preparing Hazardous Materials for Military Air Shipments
8. MCRP 4-11.3F Convoy Operations Handbook
9. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
10. MCWP 3-31.5 Ship-to-Shore Movement
11. MCWP 5-1 Marine Corps Planning Process (MCPF)

3537-OPER-2304: Manage movement control

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3537

GRADES: SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given references, a requirement, personnel and equipment for vehicle movements, automated informational system.

STANDARD: To safely meet operational requirements with no injury to personnel or damage to equipment.

PERFORMANCE STEPS:

1. Determine movement control factors.

2. Establish movement control planning process.
3. Process routing requirements.
4. Process scheduling requirements.
5. Manage movement using AIS.

REFERENCES:

1. MCRP 4-11.3F Convoy Operations Handbook
2. MCWP 3-17.1 River-Crossing Operations
3. MCWP 4-11.3 Transportation Operations
4. MSTP PAM 4-0.1 Movement Control
5. TM 11240-OD_ Principal Technical Characteristics of U.S. Marine Corps Motor Transport Equipment

3537-OPER-2305: Supervise limited vision driving operations for a movement

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3537

GRADES: SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given references, vehicles, personnel, and illumination devices.

STANDARD: To safely meet operational requirements with no injury to personnel or damage to equipment.

PERFORMANCE STEPS:

1. Determine methods of illumination.
2. Determine appropriate visual communication signals.
3. Determine appropriate audio communication signals.
4. Determine appropriate convoy control measures.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
2. AIETM Applicable Interactive Electronic Technical Manual
3. FM 55-30 Army Motor Transport Units and Operations
4. MCRP 4-11.3F Convoy Operations Handbook
5. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
6. TM 09500A-10/1 Operator's Manual Night Vision Goggles AN/PVS-7B and AN/PVS-7D
7. TM 10271A-10/1A Operator's Manual Monocular Night Vision Devices (MNVD) AN/PVS-14
8. TM 11-5855-262-10 Operator's Manual, AN/PVS-7

3537-OPER-2306: Supervise vehicle fording operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3537

GRADES: SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given references, personnel, equipment and a water obstacle.

STANDARD: To safely meet operational requirements with no injury to personnel or damage to equipment.

PERFORMANCE STEPS:

1. Direct pre-fording operations checks.
2. Direct vehicle operations in water.
3. Direct post-fording checks and services.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
 2. AIETM Applicable Interactive Electronic Technical Manual
 3. MCRP 4-11.3F Convoy Operations Handbook
 4. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
 5. MCWP 3-17.1 River-Crossing Operations
-

3537-OPER-2307: Establish a tactical motor pool

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3537

GRADES: SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given references, a requirement, equipment and personnel.

STANDARD: To safely meet operational requirement with no injury to personnel or damage to equipment.

PERFORMANCE STEPS:

1. Conduct site reconnaissance.
2. Establish security.
3. Determine road network requirements.
4. Determine terrain requirements.
5. Determine facility requirements.
6. Determine space requirement for facility.
7. Determine space requirement for equipment.
8. Determine emergency exits.
9. Determine requirements for a fire prevention plan.
10. Determine physical security requirements.
11. Develop a defense plan.
12. Determine environmental considerations.

REFERENCES:

1. FM 55-30 Army Motor Transport Units and Operations
 2. MCO P4790.2_ MIMMS Field Procedures Manual
 3. MCWP 4-11.4 Maintenance Operations
-

3537-OPER-2308: Direct camouflaging of motor transport equipment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3537

GRADES: SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given supplies, equipment, vehicles, personnel, and a requirement.

STANDARD: To obscure observation.

PERFORMANCE STEPS:

1. Direct the use of counter detection techniques.
2. Determine factors of detection.
3. Determine camouflage principles.
4. Determine vehicles revealing factors.
5. Determine vehicle camouflage measures.

REFERENCES:

1. FM 20-3 Camouflage, Concealment, and Decoys
 2. FM 55-30 Army Motor Transport Units and Operations
 3. TM 5-1080-200-13&P Operators' Organizational and Direct Support Manual for Lightweight Camouflage Screen Systems
 4. TM 5-1080-250-12&P Ultra light Weight Camo Net System
-

3537-OPER-2309: Direct a vehicle recovery operation

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 3537

GRADES: SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Provided references, a vehicle to be recovered and appropriate equipment.

STANDARD: Recovering a disabled vehicle without injury to personnel or further damage to equipment.

PERFORMANCE STEPS:

1. Assess the operational situation.
2. Assign the mission.
3. Provide situational guidance.
4. Evaluate recovery efforts.
5. Report results, as required.

REFERENCES:

1. AETM Applicable Equipment Technical Manuals
2. AIETM Applicable Interactive Electronic Technical Manual

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3. FM 5-125 Rigging Techniques, Procedures and Applications
 4. MCRP 4-11.3F Convoy Operations Handbook
 5. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for
Tactical Convoy Operations
 6. MCRP 4-11.4A Recovery and Battle Damage Assessment and Repair
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MOTOR T T&R MANUAL

APPENDIX A

FUNCTIONAL AREA MATRIX

1000. MOTOR TRANSPORT FUNCTIONAL AREA MATRIX. The Motor Transport Functional Area Table includes the functional area and long title.

FUNCTIONAL AREA CODE	LONG TITLE
ADMN	Administrative
ADVM	Advanced Maintenance
LIC	Licensing
MAIN	Maintenance
OPER	Operator

MOTOR T T&R MANUAL

APPENDIX B

GLOSSARY

Terms in this glossary are subject to change as applicable orders and directives are revised. Terms established by Marine Corps orders or directives take precedence after definitions found in Joint Pub 1-02, *DOD Dictionary of Military and Associated Terms*.

After Action Review. A professional discussion of training events conducted after all training to promote learning among training participants. The formality and scope increase with the command level and size of the training evolution. For longer exercises, they should be planned for at predetermined times during an exercise. The results of the AAR shall be recorded on an after action report and forwarded to higher headquarters. The commander and higher headquarters use the results of an AAR to reallocate resources, reprioritize their training plan, and plan for future training.

Assessment. An informal judgment of the unit's proficiency and resources made by a commander or trainer to gain insight into the unit's overall condition. It serves as the basis for the midrange plan. Commanders make frequent use of these determinations during the course of the combat readiness cycle in order to adjust, prioritize or modify training events and plans.

Chaining. A process that enables unit leaders to effectively identify subordinate collective events and individual events that support a specific collective event. For example, collective training events at the 4000-level are directly supported by collective events at the 3000-level. Utilizing the building block approach to progressive training, these collective events are further supported by individual training events at the 1000 and 2000-levels. When a higher-level event by its nature requires the completion of lower level events, they are "chained"; Sustainment credit is given for all lower level events chained to a higher event.

Collective Event. A clearly defined, discrete, and measurable activity, action, or event (i.e., task) that requires organized team or unit performance and leads to accomplishment of a mission or function. A collective task is derived from unit missions or higher-level collective tasks. Task accomplishment requires performance of procedures composed of supporting collective or individual tasks. A collective task describes the exact performance a group must perform in the field under actual operational conditions. The term "collective" does not necessarily infer that a unit accomplishes the event. A unit, such as a squad or platoon conducting an attack; may accomplish a collective event or, it may be accomplished by an individual to accomplish a unit mission, such as a battalion supply officer completing a reconciliation of the battalion's CMR. Thus, many collective events will have titles that are the same as individual events; however, the standard and condition will be different because the scope of the collective event is broader.

Collective Training Events (CTE). Criteria that specify mission and functional area unit proficiency standards for combat, combat support, and combat service support units. They include tasks, conditions, standards, evaluator instruction, and key indicators. CTE are found within collective training events in T&R Manuals.

Combat Readiness Cycle. The combat readiness cycle depicts the relationships within the building block approach to training. The combat readiness cycle progresses from T&R Manual individual core skills training, to the accomplishment of collective training events, and finally, to a unit's participation in a contingency or actual combat. The combat readiness cycle demonstrates the relationship of core capabilities to unit combat readiness. Individual core skills training and the training of collective events lead to unit proficiency and the ability to accomplish the unit's stated mission.

Combat Readiness Percentage (CRP). The CRP is a quantitative numerical value used in calculating collective training readiness based on the E-coded events that support the unit METL. CRP is a concise measure of unit training accomplishments. This numerical value is only a snapshot of training readiness at a specific time. As training is conducted, unit CRP will continuously change.

Component Events. Component events are the major tasks involved in accomplishing a collective event. Listing these tasks guide Marines toward the accomplishment of the event and help evaluators determine if the task has been done to standard. These events may be lower-level collective or individual events that must be accomplished.

Condition. The condition describes the training situation or environment under which the training event or task will take place. Expands on the information in the title by identifying when, where and why the event or task will occur and what materials, personnel, equipment, environmental provisions, and safety constraints must be present to perform the event or task in a real-world environment. Commanders can modify the conditions of the event to best prepare their Marines to accomplish the assigned mission (e.g. in a desert environment; in a mountain environment; etc.).

Core Competency. Core competency is the comprehensive measure of a unit's ability to accomplish its assigned MET. It serves as the foundation of the T&R Program. Core competencies are those unit core capabilities and individual core skills that support the commander's METL and T/O mission statement. Individual competency is exhibited through demonstration of proficiency in specified core tasks and core plus tasks. Unit proficiency is measured through collective tasks.

Core Capabilities. Core capabilities are the essential functions a unit must be capable of performing during extended contingency/combat operations. Core unit capabilities are based upon mission essential tasks derived from operational plans; doctrine and established tactics; techniques and procedures.

Core Plus Capabilities. Core plus capabilities are advanced capabilities that are environment, mission, or theater specific. Core plus capabilities may entail high-risk, high-cost training for missions that are less likely to be assigned in combat.

Core Plus Skills. Core plus skills are those advanced skills that are environment, mission, rank, or billet specific. 2000-level training is designed to make Marines proficient in core skills in a specific billet or at a specified rank at the Combat Ready level. 3000-8000-level training produces combat leaders and fully qualified section members at the Combat Qualified level. Marines trained at the Combat Qualified level are those the commanding officer feels are capable of accomplishing unit-level missions and of directing the actions of subordinates. Many core plus tasks are learned via MOJT, while others form the base for curriculum in career level MOS courses taught by the formal school.

Core Skills. Core skills are those essential basic skills that "make" a Marine and qualify that Marine for an MOS. They are the 1000-level skills introduced in entry-level training at formal schools and refined in operational units.

Defense Readiness Reporting System (DRRS). A comprehensive readiness reporting system that evaluates readiness on the basis of the actual missions and capabilities assigned to the forces. It is a capabilities-based, adaptive, near real-time reporting system for the entire Department of Defense.

Deferred Event. A T&R event that a commanding officer may postpone when in his or her judgment, a lack of logistic support, ammo, ranges, or other training assets requires a temporary exemption. CRP cannot be accrued for deferred "E-Coded" events.

Delinquent Event. An event becomes delinquent when a Marine or unit exceeds the sustainment interval for that particular event. The individual or unit must update the delinquent event by first performing all prerequisite events. When the unit commander deems that performing all prerequisite is unattainable, then the delinquent event will be re-demonstrated under the supervision of the appropriate evaluation authority.

E-Coded Event. An "E-Coded" event is a collective T&R event that is a noted indicator of capability or, a noted Collective skill that contributes to the unit's ability to perform the supported MET. As such, only "E-Coded" events are assigned a CRP value and used to calculate a unit's CRP.

Entry-level training. Pipeline training that equips students for service with the Marine Operating Forces.

Evaluation. Evaluation is a continuous process that occurs at all echelons, during every phase of training and can be both formal and informal. Evaluations ensure that Marines and units are capable of conducting their combat mission. Evaluation results are used to reallocate resources, reprioritize the training plan, and plan for future training.

Event (Training). 1) An event is a significant training occurrence that is identified, expanded and used as a building block and potential milestone for a unit's training. An event may include formal evaluations. 2) An event within the T&R Program can be an individual training evolution, a collective training evolution or both. Through T&R events, the unit commander ensures that individual Marines and the unit progress from a combat capable status to a Fully Combat Qualified (FCQ) status.

Event Component. The major procedures (i.e., actions) that must occur to perform a Collective Event to standard.

Exercise Commander (EC). The Commanding General, Marine Expeditionary Force or his appointee will fill this role, unless authority is delegated to the respective commander of the Division, Wing, or FSSG. Responsibilities and functions of the EC include: 1) designate unit(s) to be evaluated, 2) may designate an exercise director, 3) prescribe exercise objectives and T&R events to be evaluated, 4) coordinate with commands or agencies external to the Marine Corps and adjacent Marine Corps commands, when required.

Exercise Director (ED). Designated by the EC to prepare, conduct, and report all evaluation results. Responsibilities and functions of the ED include: 1) Publish a letter of instruction (LOI) that: delineates the T&R events to be evaluated, establishes timeframe of the exercise, lists responsibilities of various elements participating in the exercise, establishes safety requirements/guidelines, and lists coordinating instructions. 2) Designate the TEC and TEGC to operate as the central control agency for the exercise. 3) Assign evaluators, to include the senior evaluator, and ensure that those evaluators are properly trained. 4) Develop the general exercise scenario taking into account any objectives/events prescribed by the EC. 5) Arrange for all resources to include: training areas, airspace, aggressor forces, and other required support.

Individual Readiness. The individual training readiness of each Marine is measured by the number of individual events required and completed for the rank or billet currently held.

Individual Training. Training that applies to individual Marines. Examples include rifle qualifications and HMMWV driver licensing.

Individual Training Events (ITE). Specifies training tasks and standards for each MOS or specialty within the Marine Corps. In most cases, once an MOS or community develops a T&R, the ITE order will be cancelled. However, most communities will probably fold a large portion of their ITE into their new T&R manual.

Marine Corps Combat Readiness and Evaluation System (MCCRES). An evaluation system designed to provide commanders with a comprehensive set of mission performance standards from which training programs can be developed; and through which the efficiency and effectiveness of training can be evaluated. The Ground T&R Program will eventually replace MCCRES.

Marine Corps Ground Training and Readiness (T&R) Program. The T&R Program is the Marine Corps' primary tool for planning and conducting training, for planning and conducting training evaluation, and for assessing training readiness. The program will provide the commander with standardized programs of instruction for units within the ground combat, combat support, and combat service support communities. It consolidates the ITS, CTS, METL and other individual and unit training management tools. T&R is a program of standards that systematizes commonly accepted skills, is open to innovative change, and above all, tailors the training effort to the unit's mission. Further, T&R serves as a training guide and provides commanders an immediate assessment of unit combat readiness by assigning a CRP to key training events. In short, the T&R Program is a building block approach to training that maximizes flexibility and produces the best-trained Marines possible.

Mission Essential Task(s) MET(s). A MET is a collective task in which an organization must be proficient in order to accomplish an appropriate portion

of its wartime mission(s). MET listings are the foundation for the T&R manual; all events in the T&R manual support a MET.

Mission Essential Task List (METL). Descriptive training document that provides units a clear, war fighting focused description of collective actions necessary to achieve wartime mission proficiency. The service-level METL, that which is used as the foundation of the T&R manual, is developed using Marine Corps doctrine, operational plans, T/Os, UJTL, UNTL, and MCTL. For community based T&R manuals, an occupational field METL is developed to focus the community's collective training standards. Commanders develop their unit METL from the service-level METL, operational plans, contingency plans, and SOPs.

Mission Performance Standards (MPS). Criteria that specify mission and functional area unit proficiency standards for combat, combat support and combat service support units. They include tasks, conditions, standards, evaluator instruction, and key indicators. MPS are contained within the MCCRES volumes. The MCCRES volumes are being replaced by T&R Manuals. Collective events will replace MPS.

Operational Readiness (DOD, NATO). OR is the capability of a unit/formation, ship, weapon system, or equipment to perform the missions or functions for which it is organized or designed. May be used in a general sense or to express a level or degree of readiness.

Performance Step. Performance steps are included in the components of an Individual T&R Event. They are the major procedures (i.e., actions) a unit Marine must accomplish to perform an individual event to standard. They describe the procedure the task performer must take to perform the task under operational conditions and provide sufficient information for a task performer to perform the procedure (may necessitate identification of supporting steps, procedures, or actions in outline form). Performance steps follow a logical progression and should be followed sequentially, unless otherwise stated. Normally, performance steps are listed only for 1000-level individual events (those that are taught in the entry-level MOS school). Listing performance steps is optional if the steps are already specified in a published reference.

Prerequisite Event. Prerequisites are the academic training and/or T&R events that must be completed prior to attempting the event.

Readiness (DOD). Readiness is the ability of U.S. military forces to fight and meet the demands of the national military strategy. Readiness is the synthesis of two distinct but interrelated levels: a) Unit readiness--The ability to provide capabilities required by combatant commanders to execute assigned missions. This is derived from the ability of each unit to deliver the outputs for which it was designed. b) Joint readiness--The combatant commander's ability to integrate and synchronize ready combat and support forces to execute assigned missions.

Section Skill Tasks. Section skills are those competencies directly related to unit functioning. They are group rather than individual in nature, and require participation by a section (S-1, S-2, S-3, etc).

Simulation Training. Simulators provide the additional capability to develop and hone core and core plus skills. Accordingly, the development of simulator training events for appropriate T&R syllabi can help maintain

valuable combat resources while reducing training time and cost. Therefore, in cases where simulator fidelity and capabilities are such that simulator training closely matches that of actual training events, T&R Manual developers may include the option of using simulators to accomplish the training. CRP credit will be earned for E-coded simulator events based on assessment of relative training event performance.

Standard. A standard is a statement that establishes criteria for how well a task or learning objective must be performed. The standard specifies how well, completely, or accurately a process must be performed or product produced. For higher-level collective events, it describes why the event is being done and the desired end-state of the event. Standards become more specific for lower-level events and outline the accuracy, time limits, sequencing, quality, product, process, restrictions, etc., that indicate the minimum acceptable level of performance required of the event. At a minimum, both collective and individual training standards consist of a task, the condition under which the task is to be performed, and the evaluation criteria that will be used to verify that the task has been performed to a satisfactory level.

Sustainment Training. Periodic retraining or demonstration of an event required maintaining the minimum acceptable level of proficiency or capability required to accomplish a training objective. Sustainment training goes beyond the entry-level and is designed to maintain or further develop proficiency in a given set of skills.

Systems Approach to Training (SAT). An orderly process for analyzing, designing, developing, implementing, and evaluating a unit's training program to ensure the unit, and the Marines of that unit acquire the knowledge and skills essential for the successful conduct of the unit's wartime missions.

Training Task. This describes a direct training activity that pertains to an individual Marine. A task is composed of 3 major components: a description of what is to be done, a condition, and a standard.

Technical Exercise Controller (TEC). The TEC is appointed by the ED, and usually comes from his staff or a subordinate command. The TEC is the senior evaluator within the TEGC and should be of equal or higher grade than the commander(s) of the unit(s) being evaluated. The TEC is responsible for ensuring that the evaluation is conducted following the instructions contained in this order and MCO 1553.3A. Specific T&R manuals are used as the source for evaluation criteria.

Tactical Exercise Control Group (TECG). A TECG is formed to provide subject matter experts in the functional areas being evaluated. The benefit of establishing a permanent TECG is to have resident, dedicated evaluation authority experience, and knowledgeable in evaluation technique. The responsibilities and functions of the TECG include: 1) developing a detailed exercise scenario to include the objectives and events prescribed by the EC/ED in the exercise LOI; 2) conducting detailed evaluator training prior to the exercise; 3) coordinating and controlling role players and aggressors; 4) compiling the evaluation data submitted by the evaluators and submitting required results to the ED; 5) preparing and conducting a detailed exercise debrief for the evaluated unit(s).

Training Plan. Training document that outlines the general plan for the conduct of individual and collective training in an organization for specified periods of time.

Unit CRP. Unit CRP is a percentage of the E-coded collective events that support the unit METL accomplished by the unit. Unit CRP is the average of all MET CRP.

Unit Evaluation. All units in the Marine Corps must be evaluated, either formally or informally, to ensure they are capable of conducting their combat mission. Informal evaluations should take place during all training events. The timing of formal evaluations is critical and should, when appropriate, be directly related to the units' operational deployment cycle. Formal evaluations should take place after the unit has been staffed with the majority of its personnel, has had sufficient time to train to individual and collective standards, and early enough in the training cycle so there is sufficient time to correctly identified weaknesses prior to deployment. All combat units and units' task organized for combat require formal evaluations prior to operational deployments.

Unit Training Management (UTM). Unit training management is the use of the SAT and Marine Corps training principles in a manner that maximizes training results and focuses the training priorities of the unit on its wartime mission. UTM governs the major peacetime training activity of the Marine Corps and applies to all echelons of the Total Force.

Waived Event. An event that is waived by a commanding officer when in his or her judgment, previous experience or related performance satisfies the requirement of a particular event.