

551-88H-4301
Review Rail Plan for Loading/Unloading Cargo
Status: Approved

Security Classification: U - Unclassified

Distribution Restriction: Approved for public release; distribution is unlimited.

Destruction Notice: None

Foreign Disclosure: FD1 - This training product has been reviewed by the training developers in coordination with the Transportation School Fort Lee, VA 23801 foreign disclosure officer. This training product can be used to instruct international military students from all approved countries without restrictions.

Conditions: Assigned as a Platoon Sergeant, Soldier must review rail plan for loading/unloading cargo. Given a completed risk assessment, all applicable publications, forms, and records, tools, materials, personnel, equipment in all weather conditions day or night in an operational environment.

Some iterations of this task should be performed in MOPP 4.

Standards: On orders; Soldiers will review rail plan for loading/unloading cargo IAW TC 4-13.17, procedures and specifications utilizing the task Go/No-Go criteria. Comply with all warnings, cautions, and notes listed in all references. Soldier must perform this task with 100% compliance, without injury or damage to equipment.

Special Conditions: None

Safety Risk: Low

MOPP 4: Sometimes

| |
|------------------------|
| Task Statements |
|------------------------|

Cue: Assigned as a Platoon Sergeant, Soldier will review rail plan for the loading/unloading of cargo.

DANGER

Adhere to all DANGERS listed in the technical manuals and field manuals applicable to this procedure. Failure to comply may result in injury to personnel or damage to the equipment.

WARNING

MODIFICATION HAZARD

Unauthorized modifications, alterations or installations of or to this equipment are prohibited and are in violation of AR 750-10. Any such unauthorized modifications, alterations or installations could result in death, injury or damage to the equipment.

HIGH PRESSURE HYDRAULIC SYSTEM HAZARDS

Hydraulic systems can cause serious injuries if high pressure lines or equipment fail. Never work on hydraulic systems or equipment unless there is another person nearby who is familiar with the operation and hazards of the equipment, and who can give first aid. A second person should stand by controls to turn off hydraulic pumps in an emergency. When the technicians are aided by the operators, the operators must be warned about dangerous areas.

MOVING MACHINERY HAZARDS

Be very careful when operating or working near moving machinery. Running engines, rotating shafts, and other moving machinery parts could cause personal injury or death.

ELECTRICAL HAZARDS

Whenever possible, the power supply to the equipment must be shut off before beginning work on the equipment. Do not be misled by the term "low voltage." Potentials as low as 50 volts may cause death under adverse conditions". Be careful not to contact 115-Vac input connections when installing or operating this equipment. Whenever the nature of the operation permits, keep one hand away from the equipment to reduce the hazard of current flowing through the body.

CAUTION

Adhere to all CAUTIONS listed in the Technical Manuals and Army Training Pamphlets applicable to this procedure. Failure to comply may result in injury to personnel or damage to the equipment.

Remarks: None

Notes: None

Performance Steps

1. Review the unit rail development responsibilities when using TC-AIMS II for loading/unloading cargo.

a. Verify that the deploying unit submits the manual rail load plan (DA Form 7598) to identify all cargo and equipment or MHE designated to be transported by rail as shown below.

Note: FRONT PAGE:

Block 1. Unit Name. Name of the unit preparing the rail plan.

Block 2. UIC. Unit Identification Code.

Block 3. Date. Date rail plan is filled out.

Block 4. Type Plan. Enter deployment or reason for submission.

Block 5. Unit Load No. Sequence number of the load, unit specific.

Block 6. Rail Car No. The number of the railcar represented, if there are identical loads, indicate that here.

Block 7. Type/Size of Rail Car. For example: 60-foot wood deck, chain tie down car, DODX car, and so forth.

Block 8. Load Site. Fort Eustis, railhead, and so forth.

Block 9. Destinations. JRTC, Fort Polk, LA, and so forth.

Block 10. Show diagrams of loaded items; M1 tank, M2 Bradley Fight Vehicle, M109 Howitzer, and so on.

Block 11. Fill in blanks with requested information; Bumper No. and Shipment No. are mandatory and must agree (for example, B16 should agree with TCN).

Block 12. Name, Rank, Title, and Unit of Preparer.

Block 13. Date Approved.

Block 14. Name, Rank, Title, and Unit of Approver.

Block 15. Approval authorities signature: normally the unit movement assistant from ITO fills this in.

b. Check manual rail load plan to identify dunnage requirements needed to conduct the unit movement by rail as shown below.

Note: BACK PAGE:

Block 16. Dunnage Requirements. Fill in the appropriate information identified a. through h.

Block 17. Totals. For items b. through h.

c. Check for completeness of the manual rail load plan.

2. Review the automated output reports generated by TC-AIMS II.

Note: The persons responsible for generating the automated output reports are the unit movement coordinator (UMC) or unit movement officer (UMO).

a. Review the TC-AIMS II automated output report organizational equipment list (OEL) to verify that the unit's equipment has been placed on the manifest (if applicable)

Note: The OEL and the Unit Deployment List (UDL) are synonymous.

TC-AIMS II - Equipment List
OEL Report - Unit Equipment List

Date: 20070829

Equipment UIC: WD1HAA Unit Name: 007 TC HHC TRNS COMP GROUP

Station: FT EUSTIS State: VA

| Shipment Unit Number | Deployment Echelon /ULV | LIN | LIN Index | Dimensions in Inches | | | Square Feet | Cubic Feet | Item Weight in Lbs | Planned Loaded Weight | Actual Loaded Weight | TP PK | Water/Air Com Cd | TCH | SMPE | WAV | NRE | R2D | A | M-Ton | S-Ton |
|----------------------|-------------------------|---------------------------------------|-----------|----------------------|---------------|--------|-------------|----------------------|--------------------|-----------------------|------------------------|-------|------------------|--------|--------|--------|-----|-----|---|-------|-------|
| | | | | Length | Width | Height | | | | | | | | | | | | | | | |
| D0001 | / | T38844 | 01 | 204 | 86 | 101 | 121.83 | 1025.43 | 7600 | 8716 | 7500 | VC | 867 V | Z Z | 9 Z | K Z | N | R2D | A | 25.84 | 3.75 |
| UIC: WD1HAA | | Equipment Desc: TRK AMB 4 LITTER 4X4 | | | Model: M997 | | | Bumper Number: HHC70 | | | Serial Number: 050478 | | | | | | | | | | |
| D0002 | / | G35919 | 01 | 165 | 95 | 84 | 108.85 | 701.98 | 5730 | 5730 | 5730 | VE | 892 V | Z Z | 9 Z | K Z | N | R2D | A | 19.05 | 2.87 |
| UIC: WD1HAA | | Equipment Desc: GEN SET DED TLR MTD | | | Model: PU-804 | | | Bumper Number: HQ23E | | | Serial Number: FZ57740 | | | | | | | | | | |
| D0003 | / | T61494 | 38 | 180 | 86 | 56 | 107.5 | 501.67 | 5380 | 7880 | 5880 | VC | 887 V | Z Z | 9 Z | K Z | N | R2D | A | 12.54 | 2.94 |
| UIC: WD1HAA | | Equipment Desc: TRK UTIL CRG/TRP CARR | | | Model: M998A1 | | | Bumper Number: HQ30 | | | Serial Number: 158234 | | | | | | | | | | |
| A | | MIC UNIT EQT | | | PCS = | | | 1 | | | 500 | | | | | | | | | | |

SAMPLE

* ER = Error, Multiple Mode to Port Codes.
 ** A dimension of C prevented the M-Ton calculation.
 *** An actual weight of 0 prevented the S-Ton calculation.

Figure 3-184
 TC-AIMS II Automated Rail Load Plan

b. Review the TC ACCIS automated output report (Automated Unit Equipment List [AUEL]) to verify that the unit's equipment has been placed on the manifest (if applicable).

Note: The AUEL and the DEL are synonymous.

Date: 29Aug07
PCN FICEUR01

TC ACCIS - Equipment List

Time: 08:36
LIST

AUEL REPORT - UNIT EQUIPMENT

Page: 1

SAMPLE

UIC: WDIHAA TYPE DATA: E7 UNIT NAME: 0007 SUSTAINMENT BDE HHC
STATION: FORT EUSTIS STATE: VA

| SHIPMT | | | | T S M WA | | | | | | | | |
|--------------------------------------|---------|-----|--------|-----------------------------|-------|--------|-------|-----------------|---------|----------|--|--|
| PLANNED | ACTUAL | | | DIMENSIONS IN INCHES | | | | | | ITEM WT. | | |
| UNIT | LOADED | TP | INDEX | LENGTH | WIDTH | HEIGHT | SQFT | CUBE FT. | IN LBS. | | | |
| NUMB. | ECH/ULN | LIN | PK WCC | C C E R | C A T | S-TON | M-TON | | | | | |
| D0002 | TPC8 | 01 | G12034 | 02 | 162.0 | 93.0 | 96.0 | 105 | 837 | 7060 | | |
| 7060 | 7060 | VE | 892 | Z 9 9 | R2DA | 3.6 | 21 | | | | | |
| EQUIPMENT DESC: GEN SET DED SKID MTD | | | | | | | | MODEL: MEP-806A | | | | |
| BUMPER NUMBER: B213G | | | | SERIAL NUMBER: T-97-300-298 | | | | | | | | |
| VEHICLE MATCH [SUN: | | | | BUMPER NUMBER: | | | |] | | | | |
| D0003 | TPC8 | 01 | G42238 | 01 | 147.0 | 84.0 | 76.0 | 86 | 544 | 2320 | | |
| 2320 | 2320 | VE | 892 | Z 9 9 | R2BA | 1.2 | 14 | | | | | |
| EQUIPMENT DESC: GEN SET DED TRL MTD | | | | | | | | MODEL: PU-797 | | | | |
| BUMPER NUMBER: B221G | | | | SERIAL NUMBER: T-01-205-124 | | | | | | | | |
| VEHICLE MATCH [SUN: | | | | BUMPER NUMBER: | | | |] | | | | |
| D0004 | TPC8 | 01 | G42170 | 01 | 147.0 | 84.0 | 76.0 | 86 | 544 | 2570 | | |
| 2570 | 2570 | VE | 892 | Z 9 9 | R2BA | 1.3 | 14 | | | | | |
| EQUIPMENT DESC: GEN SET DED TRL MTD | | | | | | | | MODEL: PU-798 | | | | |
| BUMPER NUMBER: HQ 35G | | | | SERIAL NUMBER: T-01-191-175 | | | | | | | | |
| VEHICLE MATCH [SUN: | | | | BUMPER NUMBER: | | | |] | | | | |
| D0005 | TPC8 | 01 | G42170 | 01 | 147.0 | 84.0 | 76.0 | 86 | 544 | 2570 | | |
| 2570 | 2570 | VE | 892 | Z 9 9 | R2BA | 1.3 | 14 | | | | | |
| EQUIPMENT DESC: GEN SET DED TRL MTD | | | | | | | | MODEL: PU-798 | | | | |
| BUMPER NUMBER: HQ 34G | | | | SERIAL NUMBER: T-01-194-198 | | | | | | | | |
| VEHICLE MATCH [SUN: | | | | BUMPER NUMBER: | | | |] | | | | |
| D0006 | TPC8 | 01 | G53778 | 01 | 165.0 | 95.0 | 84.0 | 109 | 762 | 4920 | | |
| 4920 | 4920 | VE | 892 | Z 9 9 | R2DA | 2.5 | 20 | | | | | |
| EQUIPMENT DESC: GEN SET DED TLR MTD | | | | | | | | MODEL: PU-802 | | | | |
| BUMPER NUMBER: HQ 33G | | | | SERIAL NUMBER: FZA 57739 | | | | | | | | |
| VEHICLE MATCH [SUN: | | | | BUMPER NUMBER: | | | |] | | | | |
| D0007 | TPC8 | 01 | T07679 | 58 | 191.0 | 86.0 | 95.0 | 115 | 904 | 9300 | | |
| 13700 | 9300 | VO | 867 | Z 9 9 | R2DA | 4.7 | 23 | | | | | |

Figure 3-185
TC-ACCIS Automated Output Report

- c. Review the summary and detail (AUEL/OEL) reports to determine if the unit movement plan is included.
 - d. Review the TC ACCIS/TC-AIMS II output reports (AUEL/OEL) to determine work requirements in relation to secondary loads on vehicles (such as, tie-down, blocking and bracing, and so forth).
3. Review the unit manual load plan procedures for loading/unloading cargo (see ATP 3-35).

(Asterisks indicates a leader performance step.)

Evaluation Guidance: Score the Soldier a GO if all performance measures are correctly completed/pass (P). Score the Soldier a NO-GO if any of the performance measures are missed or incorrectly performed/fail (F).

Evaluation Preparation: Test this task in with applicable training material. Ensure Soldier understands why this task is important to support the overall training objective.

Setup: Test this task in in accordance with prescribed references or Technical Manual (TM).

Brief Soldier: Tell the Soldiers adhere to all Safety precautions when performing the task listed.

Note: Ensure that all required equipment to perform this task is available.

| PERFORMANCE MEASURES | GO | NO-GO | N/A |
|--|----|-------|-----|
| 1. Reviewed the automated rail load plan for loading and unloading cargo. | | | |
| 2. Reviewed the automated output reports generated by the TC-ACCIS or TC-AIMS II. | | | |
| 3. Reviewed the unit manual load plan procedures for loading/unloading cargo (see ATP 3-35). | | | |

Supporting Reference(s):

| Step Number | Reference ID | Reference Name | Required | Primary | Source Information |
|-------------|--------------|---|----------|---------|--------------------|
| | ATP 3-35 | Army Deployment and Redeployment | Yes | No | |
| | DA FORM 7598 | VEHICLE LOAD CARD | Yes | No | |
| | TC 4-13.17 | Cargo Specialist's Handbook | Yes | Yes | |
| | TC-AIMS II | Transportation Coordinators'-Automated Information for Movements Systems II (TC-AIMS II) https://cascom.tradoc.army.mil/sites/g3/td/tc/SitePages/Home.aspx | Yes | No | |

TADSS : None

Equipment Items (LIN): None

Materiel Items (NSN) :

| Step ID | NSN | LIN | Title | Qty |
|-----------------------------|-----|-----|-------|-----|
| No materiel items specified | | | | |

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to the current Environmental Considerations manual and the current GTA Environmental-related Risk Assessment card. It is the responsibility of all Soldiers and DA civilians to protect the environment from damage. AR 200-1 delineates TRADOC responsibilities to integrate environmental requirements across Doctrine, Organization, Training, Materiel, Leadership and Education, Personnel and Facilities (DOTMLPF) and ensure all training procedures; materials and doctrine include sound environmental practices and considerations.

The Army's environmental vision is to be a national leader in an environmental and natural resource stewardship for present and future generations as an integral part of all Army missions. This Training Support Package meets this standard.

Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to ATP-45.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT.

Safety: In a training environment, leaders must perform a risk assessment in accordance with current Risk Management Doctrine. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW current CBRN doctrine. In a training environment, leaders must perform risk management in accordance with ATP 5-19, Risk Management. Leaders will complete a DD Form 2977 DELIBERATE RISK ASSESSMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC), as well as any other variables.

All operations will be performed to protect and preserve Army personnel and property against accidental loss. Procedures will provide for public safety incidental to Army operations and activities and safe and healthful workplaces, procedures, and equipment. Observe all safety and/or environment precautions regarding electricity, cable, and lines. Provide ventilation for exhaust fumes during equipment operation and use hearing protection when required IAW AR 385-10, the Clean Air Act (CAA) and the CAA amendments, and the OSHA Hazard Communication standard.

Accidents are an unacceptable impediment to Army missions, readiness, morale, and resources. Decision makers at every level will employ risk management approaches to effectively preclude unacceptable risk to the safety of personnel and property affiliated with this task. (a) Take personal responsibility. (b) Practice safe operations. (c) Recognize unsafe acts and conditions. (d) Take action to prevent accidents. (e) Report unsafe acts and conditions.

No food or drink is allowed near or around electrical equipment (CPU, file servers, printers, projectors, etc.) due to possible electrical shock or damage to equipment. Exercise care in personal movement in and through such areas. Avoid all electrical cords and associated wiring. In event of electrical storm, you will be instructed to power down equipment.

Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW ATP 3-11.32, NBC Protection, ATP 3-11.32, CBRN Decontamination.

Prerequisite Individual Tasks : None

Supporting Individual Tasks :

| Task Number | Title | Proponent | Status |
|--------------|--|-----------------------------------|----------|
| 551-882-3111 | Manage Transportation Coordinator-Automated Information for Movements System II (TC-AIMS II) for Movement Operations | 551 - Transportation (Individual) | Approved |
| 551-88H-2306 | Conduct Rail Loading Operations | 551 - Transportation (Individual) | Approved |
| 551-882-3125 | Manage Transportation Coordinator-Automated Information for Movements System II (TC-AIMS II) Administrator Functions | 551 - Transportation (Individual) | Approved |
| 551-88H-2305 | Inspect Blocking/Bracing Materials Required for Rail Movement | 551 - Transportation (Individual) | Approved |
| 551-882-2116 | Manage Transportation Coordinator-Automated Information for Movements System II (TC-AIMS II) Movement Data for Movement Operations | 551 - Transportation (Individual) | Approved |

Supported Individual Tasks : None

Supported Collective Tasks : None

Knowledges :

| Knowledge ID | Knowledge Name |
|--------------|--|
| K-551-H-0307 | Knowledge of unit involved with cargo arrival |
| K-551-H-0306 | Knowledge of support equipment required for loading operations |
| K-551-H-0305 | Knowledge of cargo identification procedures |

Skills :

| Skill ID | Skill Name |
|--------------|--|
| S-551-H-0218 | Ability to interpret FORSCOM Form 285-5-R |
| S-551-H-0137 | Ability to perform rail loading operations |
| S-551-E-0010 | Ability to conduct rail loading operations |

ICTL Data : None