

# MOBILE DEPLOYMENT GUIDE

## FOR THE



## ADVANCED GUNNERY TRAINING SYSTEM

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WARNINGS, CAUTIONS, ESDS, AND NOTES. Warnings , cautions, ESDS and notes which appear in these manuals are defined as follows:

**WARNING**

Highlights an operating or maintenance procedure, practice, condition, statement,etc., which, if not strictly observed, could result in injury to or death of personnel.

**CAUTION**

Highlights an operating or maintenance procedure, practice, condition, statement,etc., which, if not strictly observed, could result in damage to, or the destruction of, equipment or loss of mission effectiveness.



**ELECTROSTATIC DISCHARGE (ESD) CAUTION**

Highlights an operating or maintenance procedure where ESD precautions must be used to prevent electronic circuit damage.

**NOTE**

Highlights an essential operating or maintenance procedure, condition or statement.

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# MOBILE AGTS DEPLOYMENT GUIDE

## 1-1 PURPOSE

The purpose of this guide is to provide the Field Service Representative (FSR) with the setup and tear down procedures for the Mobile Advanced Gunnery Training System (AGTS). The FSR is assumed to be experienced in the operation of mobile simulation equipment similar to the AGTS. Upon completion of the setup procedures the Instructor/Operator (I/O) will be able to conduct training on the AGTS, using the Training System Utilization Handbook (TSUH). The tear down procedures provide the proper way to prepare the Mobile AGTS for transportation. The TSUH does not contain the procedures covered in this guide. This guide is also provided on the System Maintenance Manual (SMM) CD-ROM. In order to minimize the amount of time required to prepare the Mobile AGTS for operation and transportation, the I/O may be utilized to assist in the set up and tear down of the Mobile AGTS. As the FSR you are responsible for the proper set up and tear down of the system. If I/O's are used to assist in these procedures (prior to any power being applied to the trainer for set up) insure that all connections and auxiliary equipment are properly configured, for tear down (prior to moving the trainer) insure that all installed cables and auxiliary equipment have been removed and properly stowed.

### 1-1.1 SUPPORTING DOCUMENTATION

There are three Commercial Off-The-Shelf (COTS) supplements to this manual. SMM 17-6920-706-AGTS-MDG-1 includes all supporting documentation for the generator set. SMM 17-6920-706-AGTS-MDG-2 includes all specification documentation for the generator set. SMM 17-6920-706-AGTS-MDG-3 includes all supporting documentation for the power distribution system. It may be necessary to consult these manuals for specific procedures involving the installation, operation, troubleshooting, Preventive Maintenance Checks and Services (PMCS) and parts specifications of the various COTS components that make up the generator set and electrical distribution system.

## 1-2 MOBILE AGTS SETUP

The Semitrailer and Shelter described in this manual are modified commercial products. A number of modifications have been made to the Trailer to provide a means of transporting the AGTS and to allow for stand alone operation. Paragraph 1-2.1 through 1-6.8 contain all information (or References to the information) needed to properly setup and Tear down the Mobile AGTS. Table 1-3 provides a complete check list for Mobile AGTS deployment setup procedures. Table 1-4 provides a complete check list for Mobile AGTS teardown procedures. Paragraph 1-2.1 through 1-4 describe the steps required for setting up the Mobile AGTS for training. Paragraph 1-5 through 1-7 describe the procedures required to prepare the Mobile AGTS for transportation. Figure 1-1 shows the location of major assemblies of the Mobile AGTS.

### 1-2.1 SITE SELECTION

The site where the trainer(s) is to be placed, should be as level as possible, free of tripping hazards and firm enough to support the weight of the trainer. The site must also be large enough to accommodate the compliment of trainers that will be deployed. The type of power and grounding set to be used should be determined during the site selection process. Consideration for the access of fuel trucks must also be addressed if generator power is to be used.

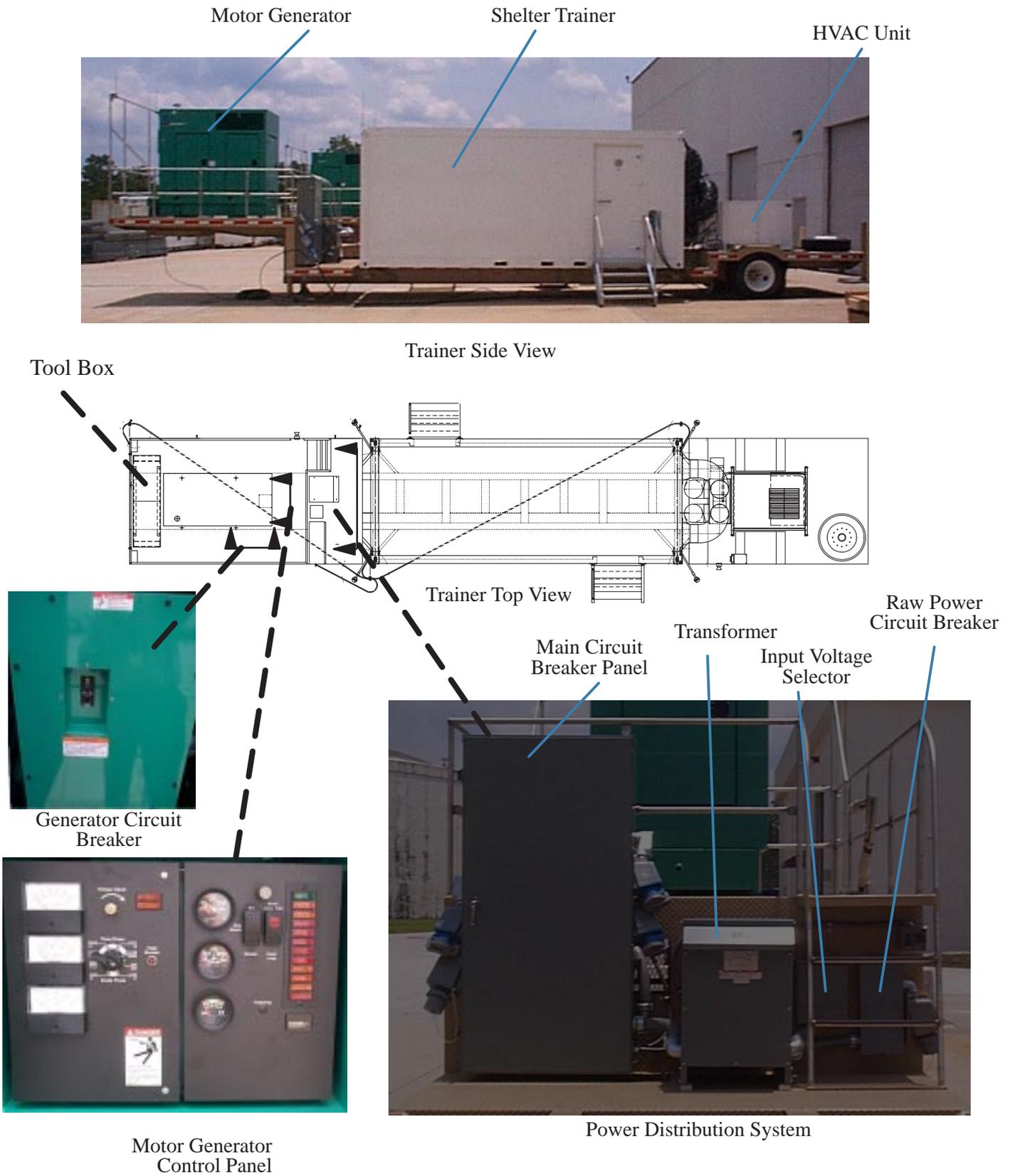


Figure 1-1. Mobile AGTS Major Assemblies

## 1-2.2 SITE PREPARATION/SYSTEM LAYOUT

Site preparation consists of coordinating with the supported unit to insure that the Mobile system(s) are arranged in a configuration that will allow all cables to be connected to their appropriate receptacles. Special consideration must be taken when the platoon configuration is to be set up, to allow for the connection of the Fiber Distributed Data Interface (FDDI) cables to the Prebrief After Action Review (PAAR) system. Figure 1-2 shows the recommended layout of a single Mobile system. Figure 1-3 shows the maximum and minimum distances for the layout of a Mobile platoon system. The layouts provided are only a guide. Some site locations will not allow for the layout described in this manual. In these instances the maximum and minimum distances must be observed. If the generator is to be used, care should also be taken to insure that the generator exhaust will be discharged in a safe direction away from building ventilation systems, and other trainer entrances. Consideration must be taken for any refueling operations which might need to be performed during or after training.

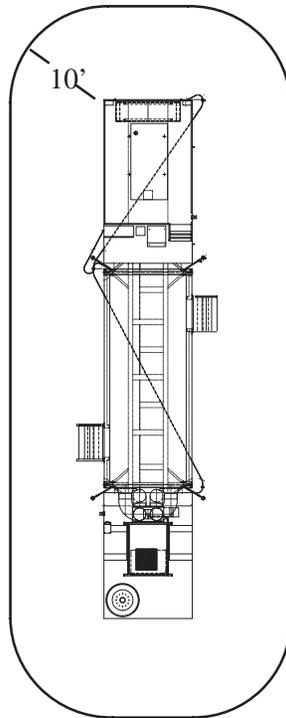
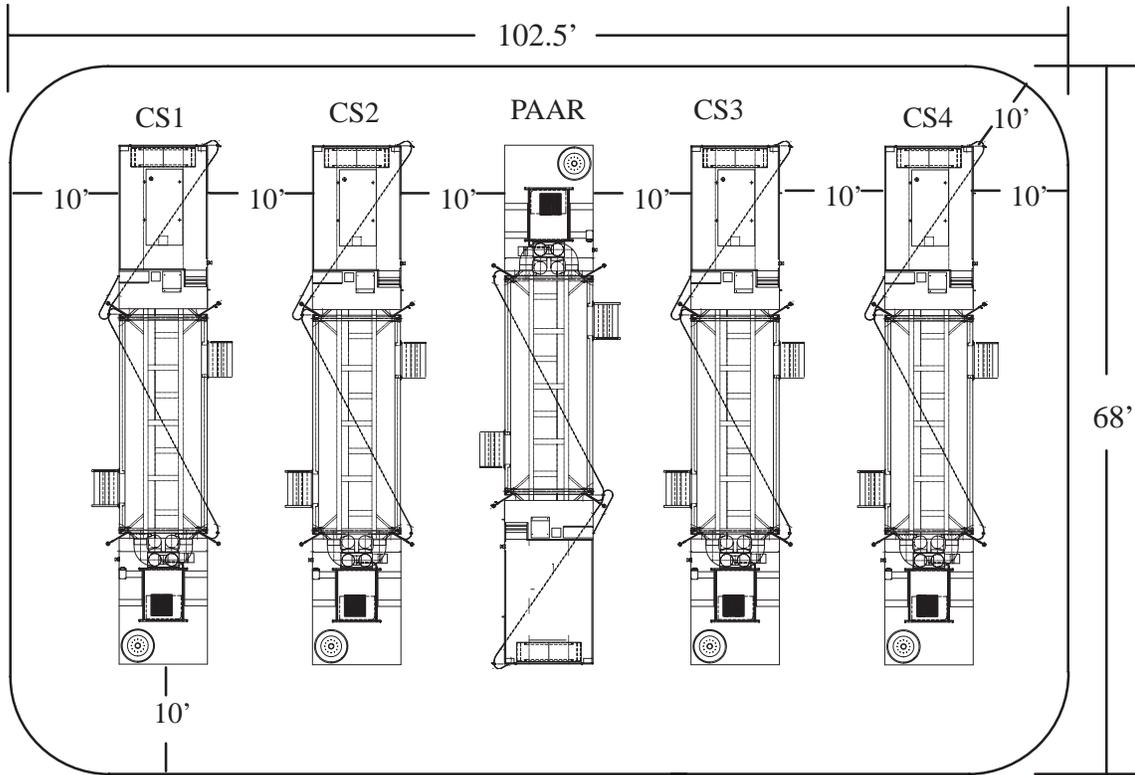
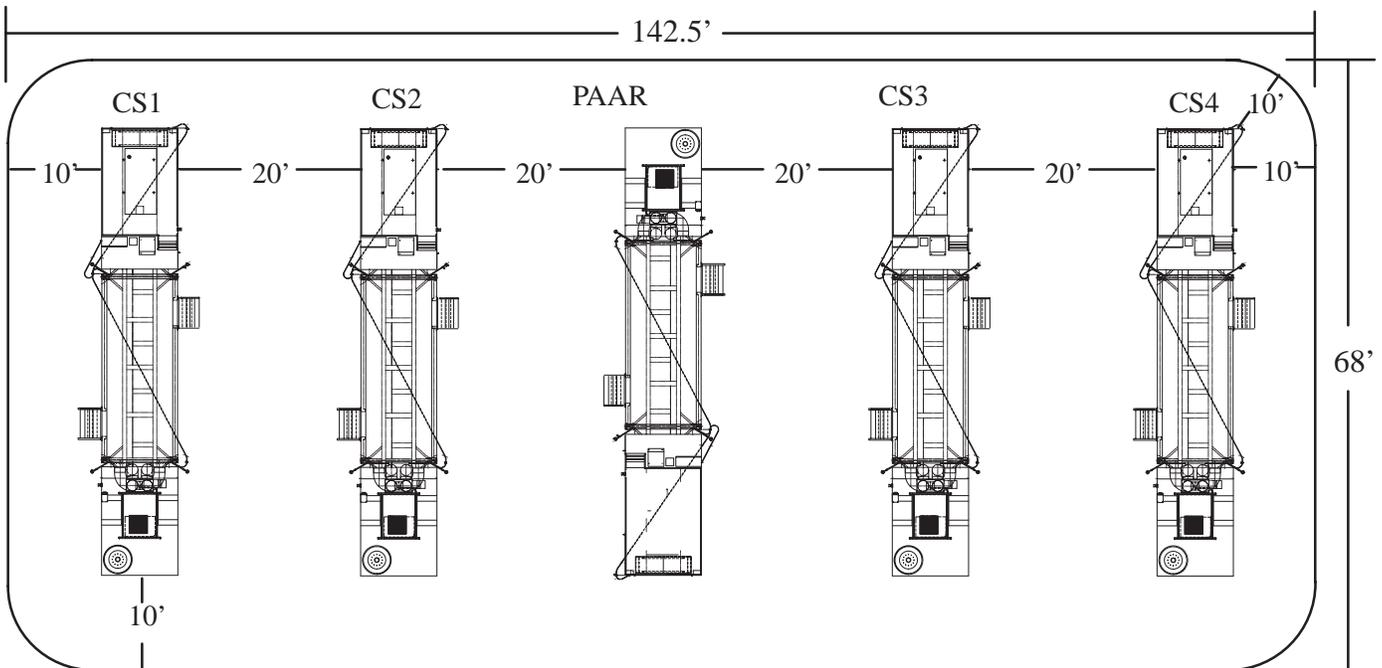


Figure 1-2. Single Mobile AGTS Layout



Minimum Distances (Recommended) Not to Scale



Maximum Distances Not to Scale

Figure 1-3. Platoon Configuration Layout

### 1-2.3 TRAILER LEVELING AND ANCHORING

Trailer leveling is accomplished by the use of the front 2 speed landing gear, if necessary leveling blocks are provided to place under the landing gear. The trailer can only be leveled along its length axis. Prior to the beginning of training certain crew station components ( slope indicators, etc.) will need to be realigned. Anchoring of the system should be done as soon as possible. There are four anchoring points for the trainer, refer to call out (1) of Figure 1-4. The following provide step by step procedures for anchoring the system when permanent anchors are not available. Discretion must be used when anchoring the trainer. Some sites will have anchors installed as part of the site. These anchors may or may not be usable. All tools mentioned in this procedure are provided as part of the Tools and Test Equipment List (TTEL).

1. If a grounding system is provided, attach the supplied grounding system to the trainer grounding system and proceed to step 6.
2. Use a hammer to drive the ground rod (near the power distribution system, see callout 2 of Figure 1-4) approximately 2 feet into the ground. NOTE: this is temporary for using the auger to install the anchors and the rotary hammer for driving the ground rods.
3. Lay both 40' grounding cables in the configuration show in callout 3 of Figure 1-4.
4. Attach a 40' ground cable to the ground lug of the main power circuit breaker panel.
5. Attach the ground cable to the partially installed ground rod. (This is to allow for temporary power to use the auger).
6. If needed install flood lights.
7. If Raw power or Electrical Distribution Center (EDC) power are not available, preform generator Power on procedures. Refer to Paragraph 1-3.1. and proceed to step 10.
8. If Raw power is available refer to the Raw power connection procedures (Refer to Paragraph 1-2.4) and proceed to Step 10.
9. If EDC power is available refer to the EDC power connection procedures(Refer to Paragraph 1-2.4) .
10. Dig a 12" diameter X 6" deep hole where each anchor is to be installed. Refer to call out (1) of Figure 1-4 for placement of anchors.
11. Install all Trainer anchors in the holes that were dug in step 10.
12. Secure the trainer to the anchors using the anchoring straps.

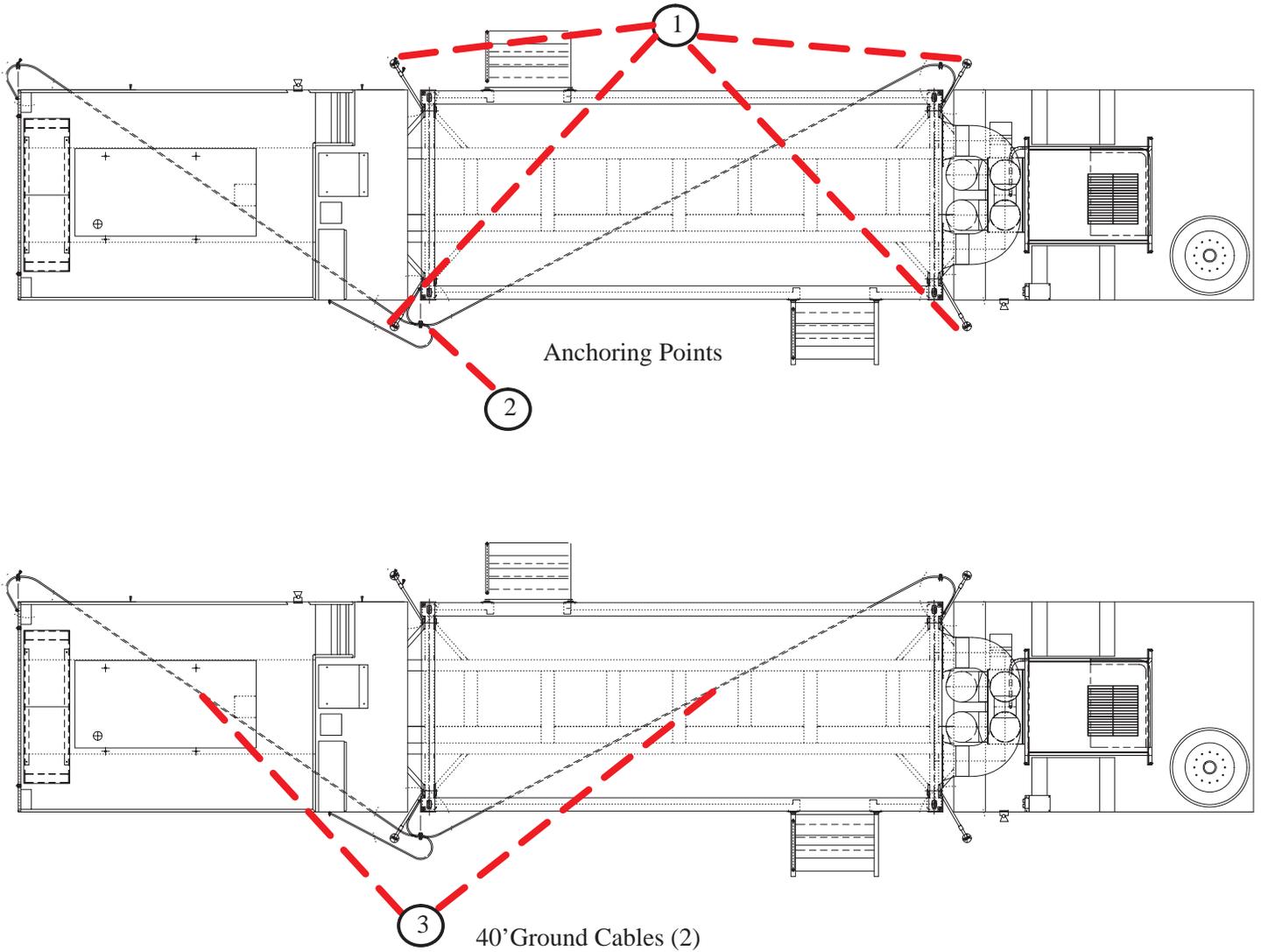


Figure 1-4. Anchoring, Ground Rods and Ground Cable Locations

### 1-2.4 POWER SELECTION

**WARNING**



**HIGH VOLTAGE is used in the operation of this equipment. Prior to connecting any cables to a power source insure that the power source is OFF.**

After arrival of the AGTS Mobile system it should be determined what type of power source is to be used. The Mobile AGTS can operate on generator power, Raw input power of 380–480 VAC or EDC power of 120–208 VAC. In order to operate the trainer on Raw power, cable W101 must be connected to the Raw power input connector (see Figure 1–8) and the power source. In order for the trainer to operate on EDC power cable W102 must be connected to the EDC power input connector (see Figure 1–8) and the power source. If a Mobile platoon set is to be used for training, special power requirements will be needed to supply power to the PAAR trainer. Power for the Heating Ventilation Air Conditioning (HVAC) unit will be supplied by the Crew Station (CS 2) using the R3 connector on the Main circuit breaker panel, power for the PAAR shelter will be provided by CS 3 using the R3 connector on the Main circuit breaker panel.

### 1-2.5 SYSTEM GROUNDING

Prior to the application of any power, the Mobile AGTS system must be grounded. If a pre-constructed site (COFT site, etc.) is used there should be a grounding system available to connect the Mobile AGTS. If the site does not have a grounding system, or the grounding system is not usable, the provided portable grounding system will have to be used. All tools mentioned in this procedure are included as part of the TTEL.

As part of the Mobile set tools and test equipment a grounding rod system is provided. The grounding system consists of two 40' copper grounding cables, six 5' grounding rods and 3 split bolts. In order to drive the ground rods into the ground you will need to use the rotary hammer. If power is not available refer to Steps 2 through 6 of paragraph 1-2.3 to provide a temporary ground. Once this is accomplished you can start up the generator and use the rotary hammer to continue driving ground rods. There are three grounding points on the trainer. Refer to call out (1) of Figure 1-5 for the location of each. Each ground rod should be 12 +/- 4 inches from the trainer, perpendicular to the grounding lug. The ground rods come in 5' sections, two 5' sections will need to be screwed together in order to have the required 10' section. Upon completion of ground rod installation, the grounding cables will need to be attached to the ground rods and ground lugs located on the trainer system. There are five grounding lugs: 2 on the trainer shelter, 1 on the main circuit breaker panel and 2 at the front of the trailer, refer to callout 2 of Figure 1-5. The grounding lug located near the grounding rod is used at the front of the trailer. The additional grounding lug is used for lightning protection purposes and (if needed) during refueling operations. Split bolts are provided to attach the ground cables to the ground rods.

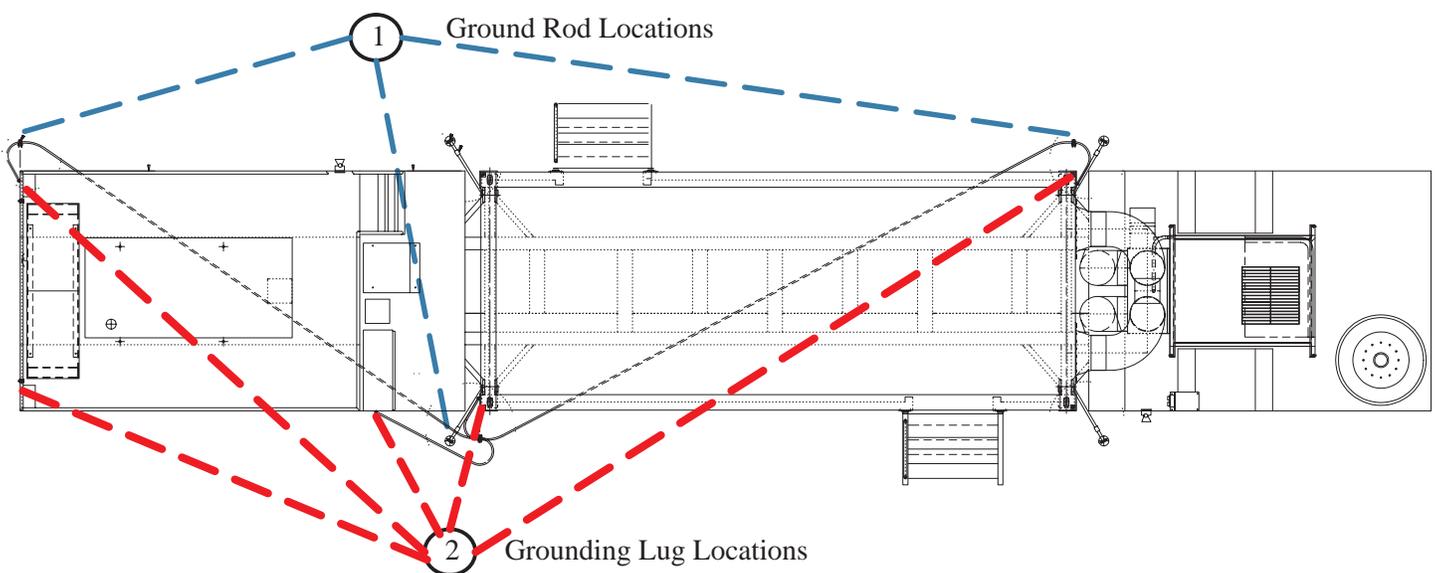


Figure 1-5. Ground Rod Locations

### 1-2.6 LIGHTNING ROD INSTALLATION

Upon completion of trailer leveling/anchoring and system grounding, two air terminals will need to be mounted on the top railing at the front of the generator platform.

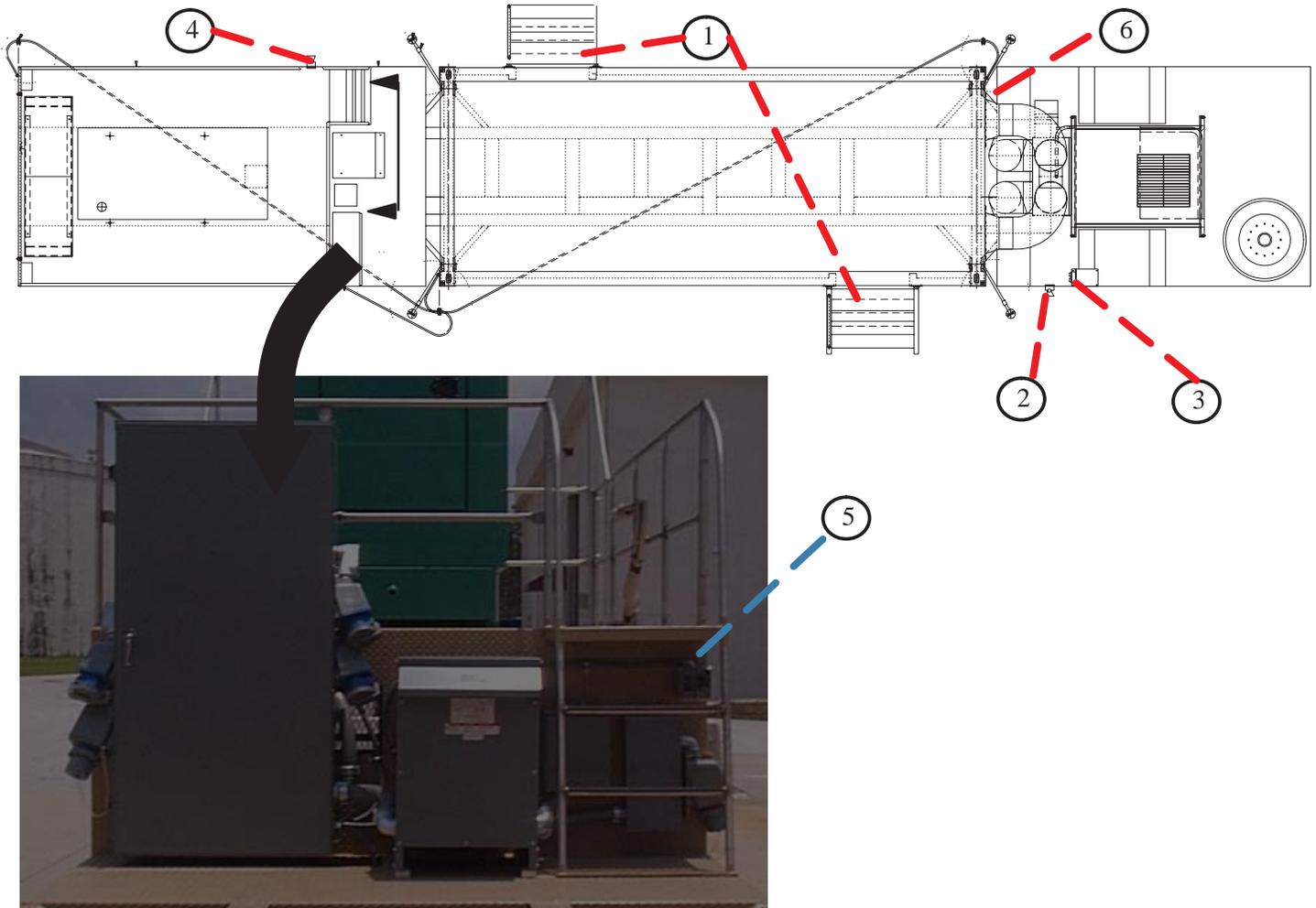


Figure 1-6. Auxiliary Equipment Installation

### 1-2.7 AUXILIARY EQUIPMENT INSTALLATION

Auxiliary equipment consists of 2 stair sets, 2 hand rail sets and flood lights. These items must be installed prior to system power up. Stair sets are installed at both trainer shelter doors, refer to callout 1 of Figure 1-6. Brackets are mounted below each door, the stair sets have pins and eye bolts to secure them to the trainer. Handrails are installed into the left side of the stairs using holes that are drilled into the stair set frames. Flood lights are provided to supply light during times of darkness. One light set is mounted at the rear of the trainer next to the Heating Ventilation Air Conditioning (HVAC) unit in a slot on the trailer bed., refer to callout 2 of Figure 1-6. Power is supplied to the light by the electrical outlet box next to the HVAC unit, refer to callout 3 of Figure 1-6. The second flood light is mounted at the landing deck in a slot cut in the metal, refer to callout 4 of Figure 1-6. Power is supplied to this light set by the electrical outlet box located under the generator platform stairs, refer to callout 5 of Figure 1-6. If available install phone line, refer to callout 6 of Figure 1-6.

### 1-3 SYSTEM POWER UP

System power up procedures depend upon what type of power is being used to power the trainer. Refer to the proper paragraph for the type of power being used.

#### 1-3.1 POWER UP USING GENERATOR POWER

The following procedures describe the steps required to power up the generator for the Mobile AGTS.

#### 1-3.2 GENERATOR/POWER DISTRIBUTION PRESTART CHECKS

The following checks must be performed prior to starting the generator set. If necessary refer to SMM 17-6920-706-AGTS-MDG-1.

1. Check fuel level to insure that sufficient fuel is present to support the training mission.
2. Check the engine Oil level, keep the Oil level as close as possible to the dipstick high mark without overfilling. Refer to SMM 17-6920-706-AGTS-MDG-1 for oil refill procedures.

#### WARNING



**Contact with hot engine coolant can result in severe burns. Do not bleed hot, pressurized coolant from a closed cooling system.**

3. Check the coolant levels.

#### WARNING



**EXHAUST GAS IS DEADLY. Exhaust gases contain carbon monoxide, an odorless and colorless gas. Carbon monoxide is poisonous and can cause unconsciousness and death.**

**Protection against carbon monoxide inhalation includes the proper installation and regular, frequent visual and audible inspections of the complete exhaust system.**

4. Check the exhaust system ensuring that all fittings are tight, that no combustible materials are near the exhaust system and that gases will be discharged away from buildings.
5. Ensure that the Generator out put breaker is set to ON (1) [Figure 1-7](#).
6. Ensure that Circuit Breaker 5 is set to the ON position and that Circuit breakers 9 and 4 are set to the OFF position. Ensure that the Circuit breaker safety locks for circuit break-

ers 9 and 4 are engaged in the down position (locked with the key removed) to prevent damage to occur at other power sources Refer to [Figure 1-8](#).

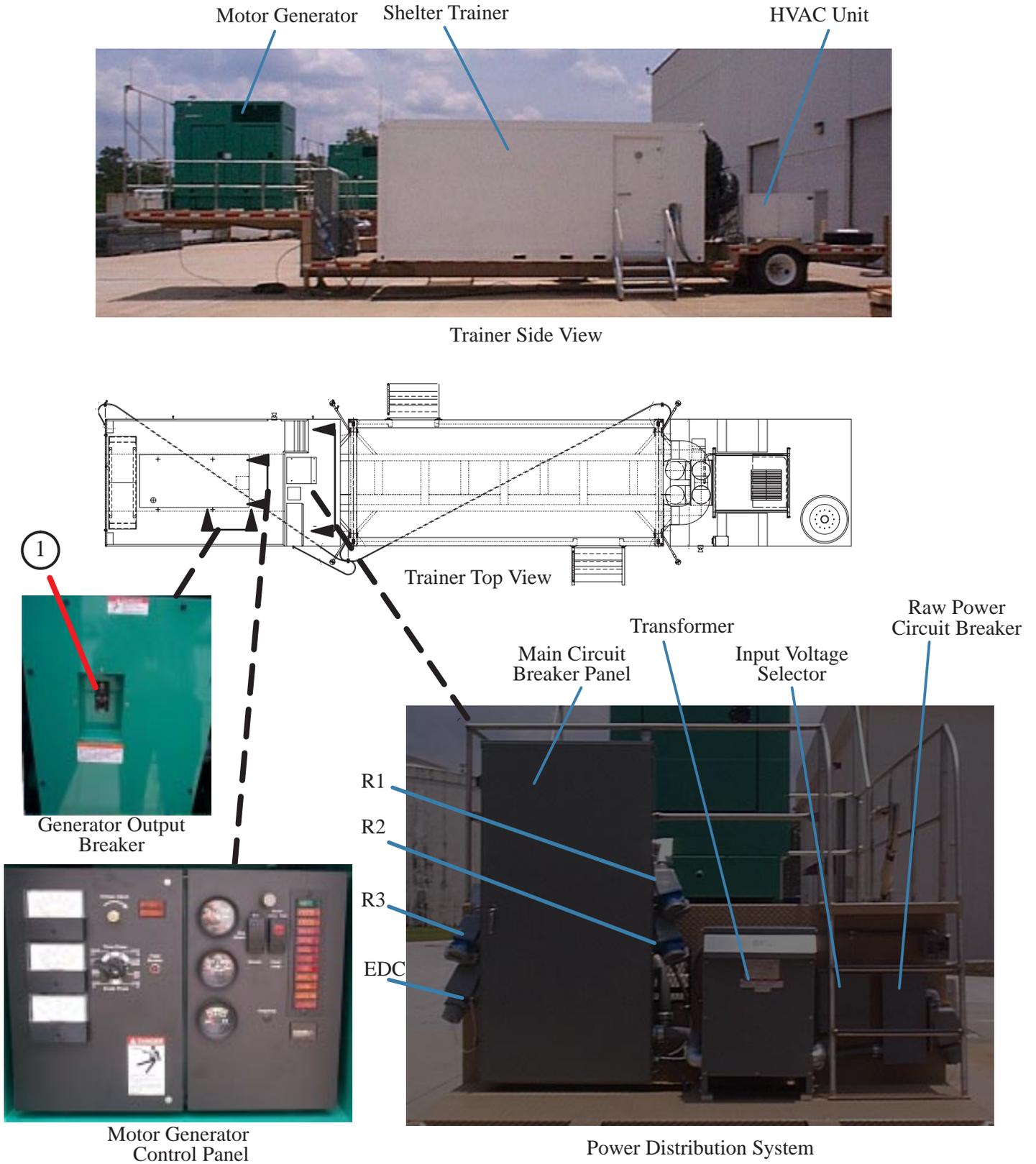
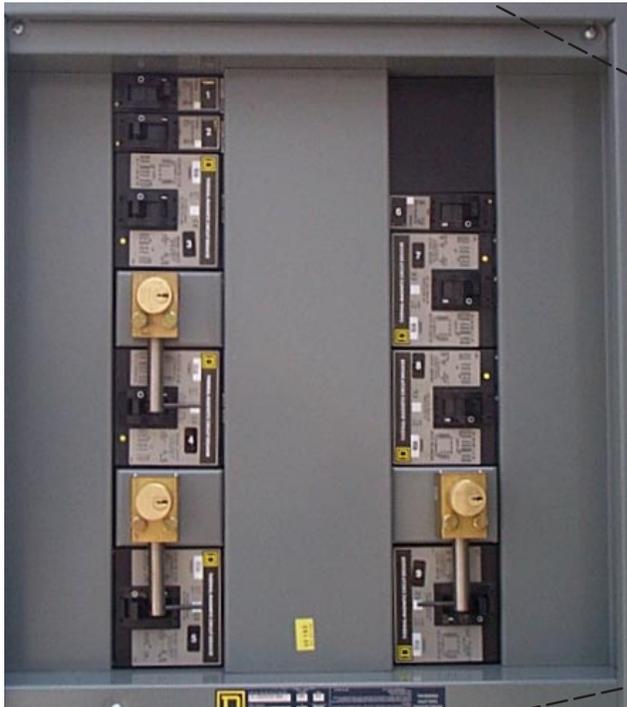
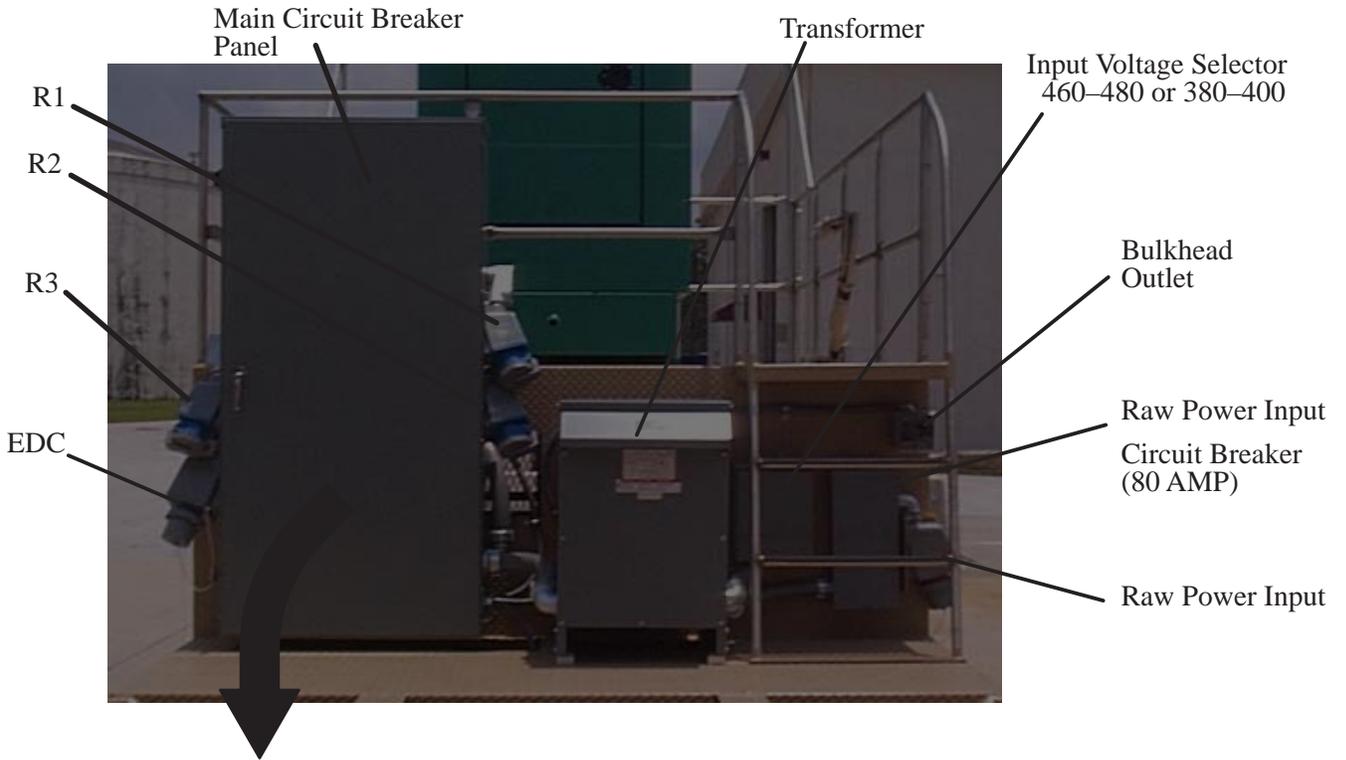


Figure 1-7. Generator Start Up



Circuit Breaker Number	Description	AMP Rating
1	Crank Case Heater	20
2	Outlet Bulkhead	20
3	R3 Main Power (PAAR Aux)	60
4	EDC Main Panel	100
5	Generator Power	150
6	Outlet Power	20
7	R1 Main Panel (Trainer)	60
8	R2 Main Panel (HVAC)	60
9	Raw Power (ECB) Trans	150

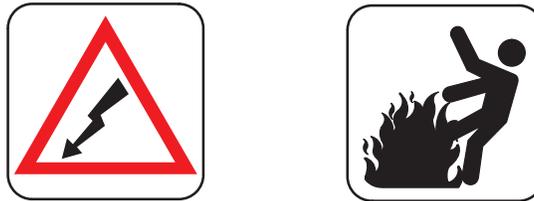
Figure 1-8. Power Distribution Equipment

### 1-3.3 GENERATOR START UP

The following describe the steps required to start the motor generator set. Refer to figures [Figure 1-10](#) through [Figure 1-12](#).

1. Ensure that all Generator/Power Distribution prestart checks have been preformed. Refer to paragraph [1-3.2](#) for prestart checks.
2. Ensure that the Battery is connected to the Generator set.
3. At the generator control panel (1) [Figure 1-10](#), push the “Run” button (1) [Figure 1-11](#), this is a momentary push button and does not need to be held after the starter engages.

#### WARNING



**HIGH VOLTAGE** is used in the operation of this equipment. In case of fire or starting emergencies, the Run/Remote/Stop button on the generator control panel must be pressed to shut down the motor generator. The EPO Switch in the trainer shelter will not shut down the Motor Generator.

4. If the Motor generator does not start within 75 seconds, the starter will disengage.
5. After 2 unsuccessful attempts to start the motor generator, please refer to the trouble-shooting section of SMM 17-6920-706-AGTS-MDG-1 for possible causes.

#### WARNING



**EXHAUST GAS IS DEADLY.** Exhaust gases contain carbon monoxide, an odorless and colorless gas. Carbon monoxide is poisonous and can cause unconsciousness and death. Symptoms of carbon monoxide poisoning can include.

- Dizziness
- Nausea
- Headache
- Weakness and Sleepiness
- Throbbing in Temples
- Muscular Twitching
- Vomiting
- Inability to Think Coherently

**IF YOU OR ANYONE ELSE EXPERIENCE ANY OF THESE SYMPTOMS, SHUT DOWN THE UNIT AND DO NOT OPERATE UNTIL IT HAS BEEN INSPECTED AND REPAIRED AND GET AWAY FROM THE IMMEDIATE AREA OF THE TRAINER AND INTO FRESH**

**AIR. If symptoms persist, seek medical attention.. Protection against carbon monoxide inhalation includes the proper installation and regular, frequent visual and audible inspections of the complete exhaust system.**

6. Upon start up and a 5 minute warm up period, ensure that all Gauges and meters, (Figure 1-11 and Figure 1-12) are operating within the following parameters (Table 1-1).
7. Set main circuit breakers 1,2,6,7 and 8 to the ON position, refer to Figure 1-8.

Table 1-1 Generator Normal Operating Ranges

Gauge/Meter	Minimum Reading	Maximum Reading
AC Voltmeter	200 (Lower Scale)	210 (Lower Scale)
AC Ammeter	0	100
Frequency/RPM Meter	57.5 Hertz	62.5 Hertz
Oil Pressure Gauge	25 PSI	65 PSI
Coolant Temperature Gauge	175° F	200° F
DC Voltmeter	12 Volts	15 Volts

#### 1-3.4 POWER UP USING RAW POWER

Use the following steps to apply power to the trainer if Raw power is to be used as the power source.

1. Circuit breakers 4 and 5 are off, refer to Figure 1-8.
2. The Voltage input selector is set to the proper input voltage, refer to callout (1) of Figure 1-9.
3. The Raw power input circuit breaker is on, Refer to callout (2) of Figure 1-9.
4. Place circuit breaker 9 to the on position refer to Figure 1-8.
5. Set main circuit breakers 1, 2, 6, 7 and 8 to the ON position, refer to Figure 1-8.

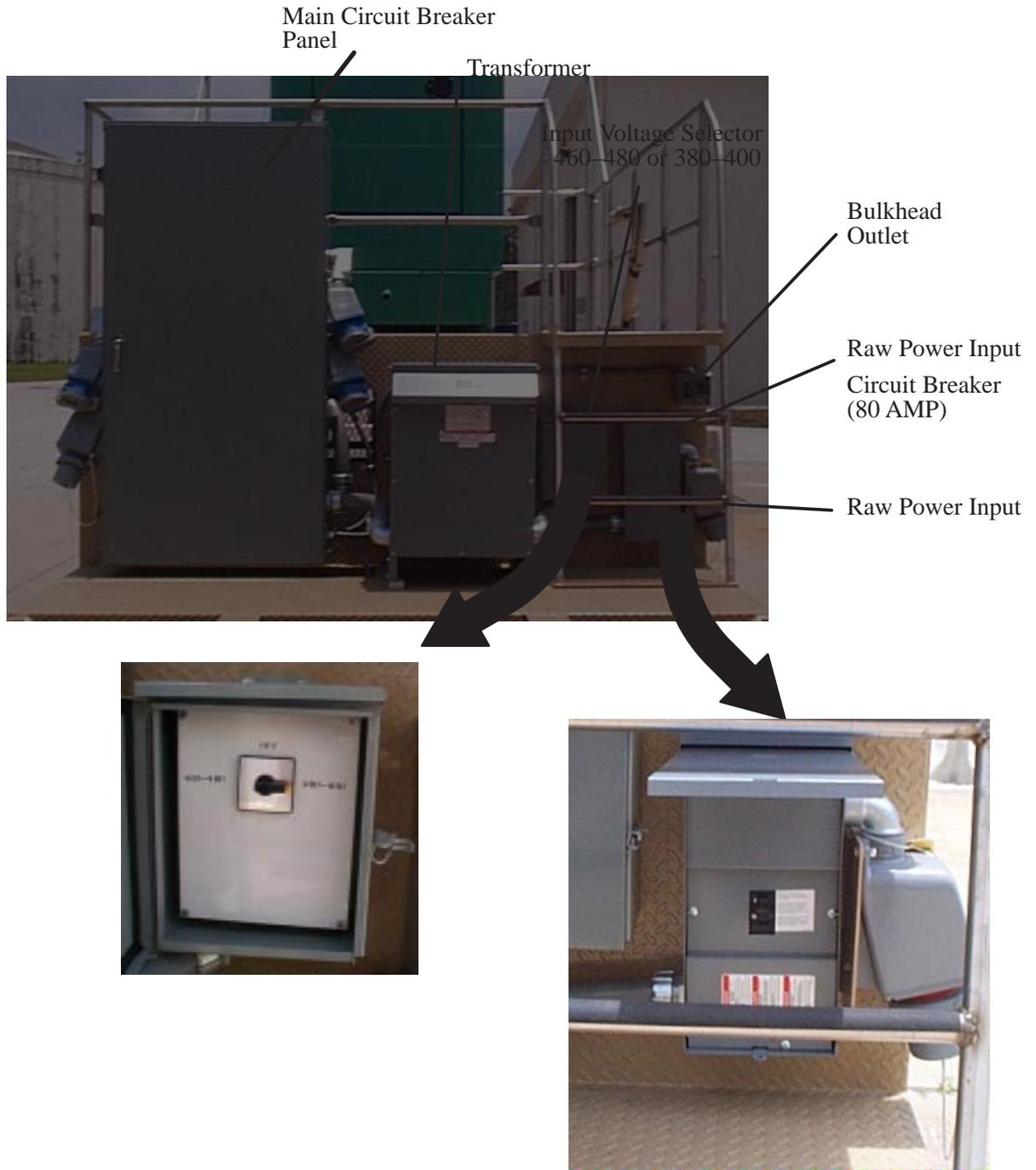


Figure 1-9. Power Distribution System Components Location

### **1-3.5 POWER UP USING EDC POWER**

Use the following steps to apply power to the trainer if EDC power is to be used as the power source.

1. Circuit breakers 5 and 9 are off, refer to [Figure 1-8](#).
2. Place circuit breaker 4 to the on position.
3. Set main circuit breakers 1, 2, 6, 7 and 8 to the ON position, refer to [Figure 1-8](#).

### **1-3.6 CHECKS AFTER POWER IS APPLIED TO THE TRAINER**

Upon completion of Power up, make a final inspection of the installed equipment to insure that the trainer is ready for training. Unstrap all components within the trainer shelter. Reconnect the emergency lights in the crew station and trainer shelter and insure proper operation. If generator power is to be used insure that arrangements have been made to provide adequate fuel for the training session(s). A full tank of fuel should be sufficient for 24 hours.

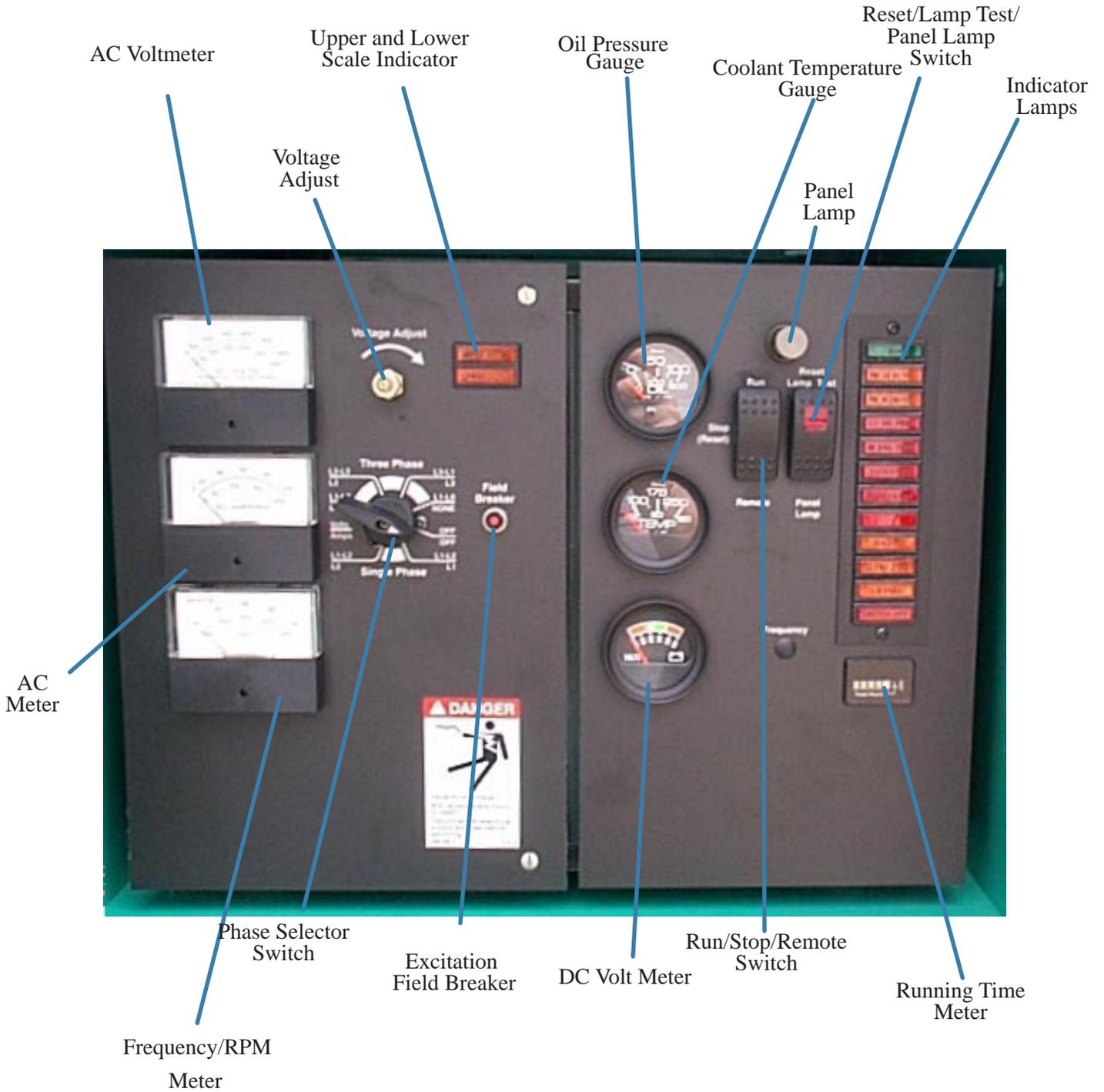


Figure 1-10. Generator Set Control Panels



Figure 1-11. Generator Set Right Control Panel Right Side



Figure 1-12. Generator Set Control Panel Left Side

#### 1-4 TRAINER POWER UP

Power up the trainer per the [TSUH](#). It may be necessary to reset the external HVAC circuit breaker located on the HVAC unit.

#### 1-5 SYSTEM POWER DOWN

Power down the trainer per the [TSUH](#).

#### 1-6 SYSTEM TEARDOWN

Prior to initiation of system power down insure that all personnel are out of the trainer shelter. Insure that the training system has been powered down per the [TSUH](#).

##### 1-6.1 TRAINER SHELTER PREPARATION FOR TRANSPORTATION

Disconnect the emergency lighting in the crew station and the trainer shelter. Secure all monitors, chairs, etc. within the shelter to prevent movement during transport. Monitors should be secured using the available webbing. If there is sufficient lighting, remove the flood light bulbs from the flood light sets and stow in an area where they will not break during transit. Remove humidifier watercan from wall, insure that it is not more than half full of water and secure it to a trainer wall or monitor support stand using straps. Miscellaneous items (headsets, books, etc) can be stowed in a empty box and placed inside the crew compartment on the floor.

##### 1-6.2 AUXILIARY EQUIPMENT STOWAGE

Remove handrails from the stair sets and stow in the tool box, insure that the trainer doors are secure and remove the stair set and stow them on the back of the trailer next to the spare tire and behind the HVAC unit in the space provided. Use the provided straps to secure stairs for transportation. If installed, remove phone line.

##### 1-6.3 MAIN POWER DISTRIBUTION PANEL SHUT DOWN AND CABLE REMOVAL

Insure that all circuit breakers are in the off position and that the safety locks are locked. If Raw power was used be sure that the Raw power input circuit breaker is set to off. If generator power was used insure that the generator output breaker is off.

##### 1-6.4 GENERATOR POWER DOWN

Prior to shutting down the generator insure that the trainer has been powered down per the [TSUH](#).

1. Let the generator run for 10 minutes with no load.
2. Place the Run/Remote/Stop button to the Stop position (1) [Figure 1-11](#).
3. After the generator set has stopped, place the Run/Remote/Stop switch in the remote position (1) [Figure 1-11](#).
4. Drain the water from the fuel filter. Dispose of the water and contaminated fuel per unit SOP.

##### 1-6.5 RAW POWER AND EDC POWER CABLE REMOVAL

#### WARNING



**HIGH VOLTAGE is used in the operation of this equipment. Prior to disconnecting any cables from the trainer or the power source insure that the power source is OFF.**

Disconnect any cables (EDC power/Raw power) that were connected to external power sources and stow inside shelter trainer in front of the crew station on the floor. If an existing grounding system was used, disconnect site grounding system from trainer. Disconnect incoming power and ground cables for the shelter and secure them to the back deck.

**1-6.6 GENERATOR REFUELING**

Insure that the trainer is refueled prior to redeployment. This must be coordinated with the training unit. Eight different types of Fuel can be used to power the generator. Of the eight fuels two require no additives, they are No. 1-D Diesel and No. 2 Fuel Oil, these are the recommended fuel types. The remaining six fuel types should be used only as an alternative if the afore mentioned fuels are not available. They require a 5% new lube oil blend to increase the lubricity to an acceptable level, they include NO. 1-K Kerosene, NO. 2-K Kerosene, Jet-A, Jet A-1, JP-5 and JP-8. Prior to using these six alternate fuels SMM 17-6920-706-AGTS-MDG-1 should be consulted.

**WARNING**

**Water is not to be used as a fuel alternative. Substituting water for fuel will result in catastrophic engine failure.**

**1-6.7 LIGHTNING ROD SYSTEM TEAR DOWN**

Remove the grounding cables from the system. If possible recover all ground rods. At a minimum remove the upper 5 foot section for later use. Remove the two air terminals from the generator platform. Stow the grounding cables and recovered rods in the tool box.

**1-6.8 FINAL CHECKS PRIOR TO DEPARTURE**

Remove and store flood lights if they were not previously removed. Remove the anchoring system from the ground. Perform an inventory of all equipment to insure that all items required for installation are available for the next training site. Ensure that the area is left in a clean and orderly manner. Check again to insure that all cables have been removed from the ground and that the trailer is free to move from the area.

**1-7 SYSTEM TRANSPORTATION**

In order for the Mobile AGTS to be moved, the tractor that is used to move it must have air brake capability. Insure that the tractor is the appropriate type to transport the trainer.

**1-7.1 AIR TRANSPORT CONSIDERATIONS**

The Mobile and relocatable AGTS systems can be transported via air. Table 1-2 provides a quick reference for the type and number of standard military aircraft capable of transporting the AGTS systems. If air transport co-ordination with the Air crews load master will be necessary. In addition to preparing the AGTS for transportation per the quick check list, all IOS monitors and peripherals will need to be removed form the work surface and stored on the trainer floor.

**WARNING**

**The AGTS should not be transported by helicopter via sling load..**

Table 1-2 Air Transport Quick Reference

	Type of Military Transport/Number Required			
	C5	C141	C17	C130

Type of AGTS				
Relocatable AGTS	1	1*	1*	1
Mobile	1	1	1	2

\* Transportation in the C141 or C17 will require the shelter and generator set be removed from the mobility trailer.

Table 1-3 Mobile AGTS Deployability Checklist.

<b>MOBILE AGTS SYSTEM SETUP</b>			
		<b>N/A</b>	<b>COMPLETED</b>
1. Site selection, Ref. par 1-2.1	Size and condition		
2. Site Prep/layout Ref. par 1-2.2	Min (10') and Max (20') distances		
	FDDI cables and PAAR consideration		
3. Trainer leveling and an- choring Ref. par 1-2.3	Use 2 speed landing gear for leveling.		
	Use of generator power re- quires one ground rod to be in place prior to power on.		
	Flood lights as required.		
	Dig holes for 4 anchors.		
	Install anchors		
	Install straps		
4. Power Selection Ref. par 1-2.4	Generator no cables		
	Raw Cable W101		
	EDC Cable W102		
	PAAR Power must be from CS2-R3 (HVAC) and CS3-R3 (Shelter)		
5. Grounding System Ref. par 1-2.5	System Provided- Connect Trainer to system		
	System not provided - Install 2-40' cables, 3-10' ground rod sections use rotary hammer, use split bolts to connect cables to rods. Connect cable ends to ground lugs.		

Table 1-3 Mobile AGTS Deployability Checklist (continued)

<b>MOBILE AGTS SYSTEM SETUP (CONTINUED)</b>			
		<b>N/A</b>	<b>COMPLETED</b>
6. Lightning Rods Ref. par 1-2.6	Install 2 Air terminals at top of generator platform railing.		
7. Auxiliary Equipment Ref. par 1-2.7	Stairs, handrails, flood lights		
	Install phone line if available		
8. System power up Ref. par 1-3			
Generator Ref. par 1-3.1			
Generator prestart Ref. par 1-3.2	Check fuel		
	Check engine Oil		
	Check Coolant		
	Check exhaust System		
	Set Generator output circuit breaker to ON		
	Set main circuit breaker 5 to ON		
	Insure main circuit breakers 9 and 4 are OFF		
Generator Startup Ref. par 1-3.3	Connect battery		
	Push Run button, starter has a 75 second timeout		
	Upon start up check gages		
	Set main circuit breakers 1,2,6,7 and 8 to ON		
Raw Power Ref. par 1-3.4	Insure main circuit breakers 4 and 5 are OFF		
	Raw power input breaker to ON, Voltage selector to proper setting		

Table 1-3 Mobile AGTS Deployability Checklist (continued)

<b>MOBILE AGTS SYSTEM SETUP (CONTINUED)</b>			
		<b>N/A</b>	<b>COMPLETED</b>
	Set circuit breaker 9 to ON		
	Set main circuit breakers 1, 2, 6, 7 and 8 to ON		
EDC Power Ref. par 1-3.5	Insure main circuit breakers 5 and 9 are OFF		
	Set circuit breaker 4 to ON		
	Set main circuit breakers 1, 2, 6, 7 and 8 to ON		
9. Checks after power on Ref. par 1-3.6	Recheck Aux equip		
	Unstrap shelter equipment connect emerg lights		
	Check on fuel		
10. Power up per TSUH Ref. par 1-4	IO starts training		

Table 1-4 Mobile AGTS System Teardown Checklist.

<b>MOBILE AGTS SYSTEM TEARDOWN</b>			
		<b>N/A</b>	<b>COMPLETED</b>
1. Power Down System Ref. par 1-5	Per TSUH		
2. All personnel clear Ref. par 1-6			
3. Shelter prep for Transport Ref. par 1-6.1	Disconnect emerg lights, secure monitors Etc. Secure flood light bulbs. Humidifier water can 1/2 full		
4. Auxiliary Equipment Removal Ref. par 1-6.2	Remove and Stow Stairs and rails		
	Remove and Stow Flood lights.		
	Remove phone line if installed		
5. Main power panel shut down Ref. par 1-6.3	All CBs to OFF, all Safety locks locked		
6. Generator power down Ref. par 1-6.4	Set main circuit breakers 1, 2, 6, 7 and 8 to OFF Let Generator Run for 10 min.		
	Place GEN in STOP		
	After GEN has Stopped Place switch in Remote		
	Drain Water from Fuel filter		
7. Cable Removal Ref. par 1-6.5	Disconnect and stow external power source cables (EDC and Raw) in stowage box behind crewstation in shelter		
8. Generator Refuel Ref. par 1-6.6	Per unit SOP		

Table 1-4 Mobile AGTS System Teardown Checklist (continued).

<b>MOBILE AGTS SYSTEM TEARDOWN (CONTINUED)</b>			
		<b>N/A</b>	<b>COMPLETED</b>
9. Lightning system removal Ref. par 1-6.7	Remove Air terminals from GEN platform		
	Remove ground rods and cables		
10. Final Checks Ref. par 1-6.8	Remove Anchoring System		
	Inventory all Equipment		
	Insure that the site is left clean		
11. Transporting Ref. par 1-7	Proper Tractor		
	Air brake capability		
	Air transport Ref. par 1-7.1		

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