

**Summary Report for Individual Task
514-42R-2003
Prepare Basic Sound Reinforcement System
Status: Approved**

DISTRIBUTION RESTRICTION: Approved for public release; distribution is unlimited.

DESTRUCTION NOTICE: None

Condition: The band is operating within a garrison or deployed environment in order to provide music to instill in our forces the will to fight and win, foster the support of our citizens, and promote our national interests at home and abroad. There is an identified requirement for basic sound reinforcement. Designated sound reinforcement personnel are present and all sound reinforcement equipment, SOPs, and manufacturers manuals are available. The band company has access to supported unit staff and higher headquarters for administrative, logistical, intelligence, and communications. This task may be performed incorporating other Operational Variables (PMESII-PT) and METT-TC considerations within garrison, off-post, and area of operations. This may include activities, disrupters, terrain and weather, personnel, equipment, time, and legal considerations. These factors address similar considerations expressed in different terms. This task should not be trained in MOPP.

Standard: Prepare sound reinforcement equipment without damage to equipment. Equipment must be prepared in accordance with unit SOP, input channel list, and manufacturers manuals.

Special Condition: None

Special Standards: None

Special Equipment:

Safety Level: Low

MOPP: Never

Task Statements

Cue: The designated sound reinforcement personnel receive a request for sound reinforcement from the unit or outside agencies.

DANGER

None

WARNING

None

CAUTION

None

Remarks: Items in the equipment list are not mandatory for all Soldiers. Only the Soldier's assigned instrument or equipment is required. The equipment list is not all inclusive.

Notes: None

Performance Steps

1. Review all manufacturer manuals.
2. Unpack all equipment.
3. Set-up equipment without any damage to equipment, according to manufacturer manuals and unit SOP.
 - a. plug in all pieces and parts according to commanders guidance and SOP.
 - b. connect the power using the appropriate safety measures.
4. Perform system power up:
 - a. Turn on line level instruments (e.g. keyboard, bass, or sequencers).
 - b. Turn on the mixing board and phantom power.
 - c. Turn on any included processing devices (e.g. reverb, delay, compressors, or equalizers)
 - d. Turn on power to amplifiers and bring to power level recommended by manufacturer or SOP.
5. Recover equipment after completion of mission
 - a. Perform power down sequence.
 - (1) Immediately mute all channels and turn down all group and monitor sends.
 - (2) Bring amplifier to 0% power and allow component cool down.
Note: Line instruments should perform power down sequence after this step.
 - (3) Power down mixer and associated effects devices.
 - (4) Power down amplifiers.
 - b. Disassemble Sound System in accordance with unit SOP and manufacturers manuals.
 - c. Return equipment to proper cases and prepare to load out.

(Asterisks indicates a leader performance step.)

Evaluation Preparation: Brief the Soldier: "You must complete all the performance measures in this task to receive a GO."

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Reviewed all manufactures manuals.			
2. Unpacked all equipment.			
3. Setup equipment according to unit SOPs and manufacturer recommendations.			
4. Performed system power up.			
5. Recovered equipment after mission completion.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	AR 220-90	ARMY BANDS	No	No

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 FM 3-34.5 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 FM 5-19, Composite Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT 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). 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 FM 3-11.4, NBC Protection, FM 3-11.5, CBRN Decontamination. In a training environment, leaders must perform risk assessments in accordance with FM 5-19, Composite Risk Management. Leaders will complete DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEETS 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). The following safety considerations should be applied depending on the location and type of training being conducted:

1. Live musical performance poses an immediate noise hazard. Hearing protection is required.
2. In the event of a fire, Soldiers will exit the classroom in an orderly manner (last one out closes the door); meet at the location the Primary Instructor has designated; class leaders will hold an accountability formation and report their findings to Primary Instructor.
3. In the event of severe weather or tornado, Soldiers will exit the classroom in an orderly manner; move to the location the Primary Instructor has designated (basement or center of building); class leaders will hold an accountability formation and report their findings to Primary Instructor.
4. It is important for Soldiers to be aware of their surroundings. Hazards such as tripping over wires, falling on musical equipment, lifting or dropping heavy sound reinforcement equipment, working with electricity, etc. need to be mitigated to avoid injury.
5. If the task is performed outdoors, Soldiers should use caution while marching on uneven ground. In the event of severe weather or tornado, the bandmaster may have to make a determination on-site as to extracting sections of, or the entire band, from the mission to mitigate damage to equipment and hazards to Soldiers.
6. When assessing venues, it is important to ensure proper travel safety to and from location, regardless of distance travelled. When assessing the capabilities of a potential venue, it is important to be aware of all safety hazards in the building such as electrical, fire, water, etc.

Prerequisite Individual Tasks : None

Supporting Individual Tasks : None

Supported Individual Tasks :

Task Number	Title	Proponent	Status
514-42R-3006	Operate Basic Sound Reinforcement System	514 - Music (Individual)	Approved

Supported Collective Tasks :

Task Number	Title	Proponent	Status
02-2-2407	Conduct Full Band Support Operations	02 - Music (Collective)	Approved
02-2-2408	Conduct Band Rear Detachment Operations	02 - Music (Collective)	Approved
02-2-2406	Conduct Music Performance Team Operations	02 - Music (Collective)	Approved

02-2-2409	Conduct Organizational Maintenance of Musical Equipment	02 - Music (Collective)	Approved
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