

Summary Report for Individual Task
699-000-8021
Operate a Space Heater Arctic (SHA)
Status: Approved

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 Northern Warfare Training Center FT Wainwright AK foreign disclosure officer. This training product can be used to instruct international military students from all approved countries without restrictions.

Condition: In a field environment given a serviceable SHA, five gallon can of JP8, lighter and tissue paper. Standard MOPP 4 conditions do not exist for this task. See the MOPP 4 statement for specific conditions.

Standard: Assemble and light the SHA using liquid fuel within 15 minutes. Disassemble and stow the SHA within 5 minutes. Meet all critical performance measures IAW the student evaluation plan.

Special Condition: None

Safety Risk: Medium

MOPP 4: N/A

Task Statements

Cue: None

DANGER

None

WARNING

DO NOT USE UNAUTHORIZED FUELS. ONLY APPROVED LIQUID AND SOLID FUELS MAY BE USED. USING UNAUTHORIZED FUELS IN THE SHA WILL CREATE A FIRE DANGER AND POTENTIAL FOR EXPLOSION

CAUTION

Gasoline, JP-4, used motor oil, solvents or other unauthorized fuels should NEVER be used. Using unauthorized fuels will create a fire danger and potential for explosion.

Remarks: None

Notes: None

Performance Steps

1. Explain the characteristics of the Space Heater Arctic (SHA).
2. Describe the major components of the SHA.
3. Assemble the Space Heater Arctic.
4. Place the SHA into operation utilizing liquid fuel.
5. Place the SHA into operation utilizing solid fuels.
6. Recover the SHA and prepare for movement.

(Asterisks indicates a leader performance step.)

Evaluation Guidance: You will be tested on this lesson IAW the student/instructor evaluation guide. You will be evaluated as a squad on the tent and stove drill procedure. You will be tested on the operation of the SHA. You will be asked to find deficiencies in a ten-man tent with SHA that has been erected by NWTC instructors. You will also be tested on your knowledge of tent and stove drill during a one hour written examination at the conclusion of the course (Refer to training schedule for date/time of exam). You must score a 70% on the written exam. If you fail the written exam, you will be given a second exam after re-training has been conducted. If you fail this second examination, you will be dismissed from the course.

Evaluation Preparation: Setup: Provide the Soldier with all items listed in the conditions statement. Ensure all the required equipment and components to conduct the evaluation are present and functional prior to initiating the evaluation.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Explained the characteristics of the Space Heater Arctic (SHA).			
2. Described the major components of the SHA.			
3. Assembled the Space Heater Arctic.			
4. Placed the SHA into operation utilizing liquid fuel.			
5. Placed the SHA into operation utilizing solid fuels.			
6. Recovered the SHA and prepare for movement.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	ATTP 3-97.11	Cold Region Operations	Yes	No
	NWTC 02	Northern Warfare Training Center Cold Weather Operations Manual	Yes	No
	TM 10-4520-261-12&P	OPERATORS AND ORGANIZATIONAL MAINTENANCE MANUAL (INCLUDING REPAIR PARTS AND SPECIAL TOOLS LISTS) FOR SPACE HEATER ARCTIC (NSN 4520-01- 444-2375)	Yes	Yes
	USARAK PAMPHLET 385-4	RISK MANAGEMENT FOR COLD WEATHER OPERATIONS	Yes	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. POL products are utilized during this instruction. Ensure adequate measures are taken to prevent spills and that adequate materials are on hand to clean up any spills that do occur.

Safety: In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk

Management. 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 FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination.

Prerequisite Individual Tasks : None

Supporting Individual Tasks : None

Supported Individual Tasks : None

Supported Collective Tasks : None

ICTL Data :

ICTL Title	Personnel Type	MOS Data
Cold Regions	Any	