

## Tent and Stove Drill Performance Measures

		<b>Squad Evaluation</b>				
<b>ACTION</b>	<i>Pitch an Arctic Ten-man tent</i> , Set up a Space Heater Arctic					
<b>CONDITION</b>	Given a serviceable Ahkio group, complete with the standard equipment load, and an area large enough to correctly set up the tent and stove group. This task will be performed by a squad/team of no less than 5 personnel and evaluated collectively.					
<b>STANDARD</b>	Squad: - set-up tent and readied stove for operation within 30 minutes. - met all critical performance measures IAW the student/instructor evaluation plan.					
<b>REFERENCES</b>	TM 10-8340-222-10 and TM 10-4520-261-12&P					
		<b>Performance Measures</b>	<b>FIRST EVAL</b>	<b>INSTR INITIALS</b>	<b>RE-EVAL</b>	<b>INSTR INITIALS</b>
*1	Dug snow to ground level or packed snow firmly.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*2	Extended tent out. Positioned tent so that main door is at a 45 degree angle away from downwind.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*3	Zipped both door entrances shut.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*4	Extended all corner eave lines. Marked spots on the ground approximately 6 feet (two steps) from each corner of the tent. Drove tent pins on the mark. Pins angled slightly away from the tent.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*5	Attached six corner eave lines to the pins but left them slack. Corner eave lines are in line with their corresponding seam of the tent.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*6	Extended and locked center pole to between 6 and 8 feet. Placed the stud at the top of the pole through the hole in the perforated metal plate at the roof apex. Held the pole vertically and placed the pole board underneath the base of the pole.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*7	Tightened the corner eave lines. Maintained vertical position of pole. Two Soldiers at opposite corner eave lines pulled at the same time to tighten. Continued using this process for the remainder of corner eave lines.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*8	Attached the corner lines to the same tent pins as the corner eave lines. Corner eave lines and corner lines must be inline with their corresponding seam.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*9	Marked spots approximately 6 feet from the four eave lines. Drove tent pins at these marks. Attached and tightened the four eave lines.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*10	Anchored the two door eave lines. For each door, drove a tent pin approximately 6 feet from the tent. Held the door pole vertically about 3 feet from the tent door. Positioned a clove hitch about five feet up on the door pole. Secured and tightened the end of the line to the pin. Door height is approximately 4 feet.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*11	Opened four ventilators.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*12	Positioned fire extinguisher at the center pole.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	

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*13	Opened and secured stove pipe opening flaps in preparation for using a stove to heat the shelter.	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
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<b>Squad Evaluation</b>	
<b>ACTION</b>	Pitch an Arctic Ten-man tent; <b>Set up a Space Heater Arctic (SHA)</b>
<b>CONDITION</b>	Given a serviceable Ahkio group, complete with the standard equipment load, and an area large enough to correctly set up the tent and stove group. This task will be performed by a squad/team of no less than 5 personnel and evaluated collectively.
<b>STANDARD</b>	Squad: - set-up tent and readied stove for operation within 30 minutes. - met all critical performance measures IAW the student/instructor evaluation plan.

<b>REFERENCES</b>	TM 10-8340-222-10 and TM 10-4520-261-12&P
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Performance Measures		FIRST EVAL	INSTR INITIALS	RE- EVAL	INSTR INITIALS
14*	Stove board placed on flat surface	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
15*	Stove door facing main entrance	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
16*	Rear door is reinstalled after removing stove parts from stove body.	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
17*	For liquid fuels, solid fuel grate is removed and burner cover assembly is installed into the door frame (blocking the area behind the front door). Front door is closed.	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
18*	For solid fuels, burner cover assembly is installed over the burner assembly opening and the solid fuel grate is installed with the 'legs' down.	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
19*	Fuel flow control valve is fully seated on the heater body.	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
20*	Fuel control outflow hose is properly connected to the fuel flow control valve.	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
21*	Fuel supply hose is properly connected to the fuel flow control valve, fuel line is routed away from stove body.	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
22*	Overflow hose is properly connected to the fuel flow control valve and routed outside of the tent along a down-slope and below the level of the fuel flow control valve.	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
23*	Fuel flow control valve is in the "OFF" position.	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
24*	Lowest part of inverted fuel can is between 2 and 3 feet above fuel flow control valve.	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
25*	Lowest part of inverted fuel can is the fuel can adapter.	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
26*	Drip interceptor loop within 1 foot of fuel can adapter.	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
27*	Fuel can inverted and secured to tripod prior to lighting stove.	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
28*	Stove pipes connected in sequence w/ seams aligned.	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	

### Tent and Stove Drill Performance Measures

29*	Stack cap assembly guy lines secured to tent from 3 separate, opposing points.	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
30*	Stove pipe opening flaps rolled up and tied off away from stove pipes.	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	

		<b>Individual evaluation</b>				
<b>ACTION</b>	Light & Operate a Space Heater Arctic					
<b>CONDITION</b>	Given a SHA, set up and ready for operation, and liquid fuel. This task will be performed and graded individually.					
<b>STANDARD</b>	Stove must be lit and burning steady within 10 minutes. Met all critical performance measures IAW the student/instructor evaluation plan.					
<b>REFERENCES</b>	TM 10-8340-222-10 and TM 10-4520-261-12&P					
		<b>Performance Measures</b>	<b>FIRST EVAL</b>	<b>INSTR INITIALS</b>	<b>RE-EVAL</b>	<b>INSTR INITIALS</b>
*1	Fuel flow control valve is set in accordance with outside temperature.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*2	Fuel ON/OFF control knob turned to ON and allow to prime for 2-5 minutes.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*3	Priming cup filled using priming valve on the fuel supply hose.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*4	Fuel from priming cup is poured into the bottom of burner.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*5	Stove is ignited with a burning piece of paper or tissue tossed into bottom of the burner.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*6	Lid assembly is closed.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*7	As heater warms, flow adjustment knob is turned to adjust heat output.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*8	Stove is not allowed to burn too hot (e.g. cherry red)		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*9	Fuel flow control valve must be turned "OFF" prior to changing fuel can		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*10	All tent occupants awake & prepared for emergency exit during refueling & re-lighting operations		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*11	Fire guard alert and monitoring fuel flow rate and adjusts as necessary, when stove is in operation		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	

## Tent and Stove Drill Performance Measures

		<b>Individual evaluation</b>			
<b>ACTION</b>	Assemble and Operate a Squad Stove				
<b>CONDITION</b>	Given the squad stove and the fuel bottle filled to the proper level with white gas, or other appropriate fuel. This task will be performed inside the ten-man tent, or outside in an area sheltered from the wind.				
<b>STANDARD</b>	The stove must be placed into operation within 5 minutes. Met all critical performance measures IAW the student/instructor evaluation plan.				
<b>REFERENCES</b>					
	<b>Performance Measures</b>	<b>FIRST EVAL</b>	<b>INSTR INITIALS</b>	<b>RE-EVAL</b>	<b>INSTR INITIALS</b>
*1	Pump assembly inserted into fuel bottle & tightened snugly	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
2	Heat reflector properly positioned on stove body	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
3	Stove legs positioned properly into notches of burner housing	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
4	Fuel line inserted into pump w/ gentle pressure & twisting motion	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*5	Fuel line catch arm secured to pump assembly at notch	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*6	Stove & fuel bottle placed on a level, non-flammable surface	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	

<b>EVALUATION</b>	Light the squad stove				
	<b>Performance Measures</b>	<b>FIRST EVAL</b>	<b>INSTR INITIALS</b>	<b>RE-EVAL</b>	<b>INSTR INITIALS</b>
1	Fuel bottle pressurized with 5 to 15 pumps	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*2	Fuel valve opened - wick saturated (burner cup partially filled) with fuel	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
3	Fuel valve turned "OFF" during lighting & warm-up	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*4	Wick lit; allowed to burn until flame begins to diminish & generator tube warms	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
5	Valve opened & adjusted to desired setting (do not exceed 2 full turns)	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
6	Additional 3 to 4 pumps added when necessary to maintain bottle pressure	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	

*NOTE: Too much pressure in fuel bottle causes stove to function poorly w/ sporadic flame. Avoid over-pressuring the fuel bottle with too many pumps.*

## Tent and Stove Drill Performance Measures

<b>Squad Evaluation</b>					
<b>ACTION</b>	Disassemble and Pack a Space Heater Arctic				
<b>CONDITION</b>	Given an arctic 10-man tent and SHA, properly set up with the stove in operation. This task will be performed by two individuals and evaluated collectively.				
<b>STANDARD</b>	The stove must be disassembled and packed so that all stove components fit inside the stove body with the stove door closed. All critical performance measures for the next this and the next two evaluations must be met within 30 minutes.				
<b>REFERENCES</b>	TM 10-8340-222-10 and TM 10-4520-261-12&P				
	<b>Performance Measures</b>	<b>FIRST EVAL</b>	<b>INSTR INITIALS</b>	<b>RE-EVAL</b>	<b>INSTR INITIALS</b>
*1	Fuel Flow Control Valve placed in the "OFF" position	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*2	Fuel can removed from tripod	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*3	Stove is allowed to cool.	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*4	Fuel lines are disconnected and purged of excess fuel	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*5	Fuel flow control valve is removed and purged of excess fuel; place valve in the "ON" position for storage	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*6	Stack cap assembly guy lines untied and stove pipes removed; stack cap guy lines are <i>daisy chained</i> together	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*7	Stove pipes nested in sequence with seams off-set	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*8	Gravity feed adapter removed; fuel can cap re-installed	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*9	Stove components are repacked IAW the TM; all components must fit in the stove body	<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	

## Tent and Stove Drill Performance Measures

		<b>Squad evaluation</b>				
<b>ACTION</b>	Strike an arctic 10-man tent					
<b>CONDITION</b>	Given a 10-man arctic tent, properly set up with the stove removed, and the necessary tools for removing tent pins or other tent anchors.					
<b>STANDARD</b>	The tent must be folded for stowage in the ahkio sled so it is immediately ready for pitching. Tent lines must be managed so they do not become entangled.					
<b>REFERENCES</b>	TM 10-8340-222-10 and TM 10-4520-261-12&P					
		<b>Performance Measures</b>	<b>FIRST EVAL</b>	<b>INSTR INITIALS</b>	<b>RE-EVAL</b>	<b>INSTR INITIALS</b>
1	Packed all personal gear at least 30 minutes prior to striking the tent.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
2	No later than fifteen minutes prior to striking the tent, stove turned off and allowed to cool, and all personal gear placed outside of tent in an organized manner.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
3	Removed any tent group equipment and packed in ahkio.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*4	Disassembled and packed stove when cool to touch.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
5	Removed, rolled and secured corner lines and eave lines. Pulled all eave line tent pins as this is done and placed tent pins in ahkio.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*6	Zipped liner and tent doors fully closed.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
7	Removed tent pole and pole board. Collapsed pole and placed it and the pole board in the ahkio.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
8	Removed corner eave lines and fully extended each line. Removed remaining tent pins and placed them in the ahkio.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
9	Shook the tent to clear ice, snow and debris. Spread the tent out by pulling on the apex. Folded the tent accordion style.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
*10	<i>Daisy chained</i> the six corner eave lines together.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
11	Folded the tent in half lengthwise with the daisy chain folded inside.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
12	Placed the two shovels opposite one another in the center of tent. Folded the tent into thirds and placed it next to the ahkio.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	
13	Removed any remaining equipment and/or trash from the tent site.		<b>GO</b> <b>NOGO</b>		<b>GO</b> <b>NOGO</b>	