



Artillery Inspection Checklist

Park: _____

Date: _____

Weapon: _____

Pass

Fail

Comments: _____

Inspector Name: _____

Safety Supervisor

Safety Assistant

The Gun

- The gun is clean and free of rust and corrosion.
- No sign of external damage or strain (dents, cracks, etc.).
- Inside of bore is smooth or relatively smooth.
- No internal signs of damage (bulges, lodgments, pits, etc.).
- No sign of corrosion damage at breech of the bore.
- On iron guns with liners, the liner is secure.
- The vent is clear and of acceptable size (not to exceed ¼").
- No signs of cracks or bending around the trunnions.
- No signs of weakness at the chaplets on bronze tubes.

The Carriage

- Wheels are tight and free of rot or insect infestation.
- Body of the carriage is free of rot or insect infestation.
- No parts are missing, cracked, bent or broken.
- Wheels move freely.
- Elevating mechanism works smoothly and properly.
- None of the ironwork is loose.
- Tube rotates freely on its trunnions.
- Trunnion caps fit snugly and are properly keyed.
- Lids of limber chests and/or side boxes fit securely.
- Wood generally free of serious checking or splintering.
- Wheel hub does not gouge the end of the axle tree.
- Linch pin is not digging into wheel hub.

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Equipment

- All necessary equipment is present including water-filled sponge bucket.
- Sponge is in good condition and fitted to the bore.
- Rammer head is secure and free of cracks.
- Prongs of the worm are sharp and not bent.
- Smaller items in good condition (linstock, thumbstall, buckets, etc.).
- Leather gauntlets in good condition (not hard, dry, or torn).
- Limber box, side boxes and haversack are clean and free of spilled powder.
- The gun book is kept up to date.

Cannon Crew Competency

GUN CAPTAIN (GC)

- Gives all command clearly and in the proper order.
- Sets himself in a good observation position before issuing the "Ready" command.
- Waits to give the "Cease Firing" command until the sponge has been inserted.
- Demonstrates ability to deal with safety issues as they arise (including misfires).
- Demonstrates full competence in all other positions.

FRONT RIGHT CANNONEER (FR)

- Advance Sponge (uses proper footwork, proper positioning at the muzzle).
- Sponge (Sponge reaches breach, eyes on the vent).
- Ram Down Cartridge (proper hand position, eyes downrange).
- Misfire - Remains in Prime position, eyes down range.

FRONT LEFT CANNONEER (FL)

- Hands worm to RL after searching the piece.
- Handle Cartridge (Holds cartridge against body).
- Charge With Cartridge (minimizes exposure of hands in front of muzzle).
- Prime (eyes down range).
- Fire (Begins "Load" cycle immediately after gun fires).
- Cease Firing (Returns to "To Your Posts" position).

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- Misfire
 - Waits for command to re-prime.
 - Re-prime (keeps back to muzzle, does not touch wheel.)
 - Extracts primer with the left hand palm up then drops it to the ground.
 - Takes priming wire from RR over the top of the wheel.
 - Drops priming wire into vent then pushes down to re-pierce the charge.
 - Properly takes new primer from RR.
 - Properly re-replaces new primer.
 - Properly returns to position of Ready.

REAR RIGHT CANNONEER (RR)

- Tend Vent (fully covers vent with thumbstall).
- Remains at the vent until "Prime".
- Holds priming wire along the shaft with thumb and forefinger when piercing the charge (feels for cartridge).
- Steps outside wheel as soon as primer is inserted.
- Fire (Steps in to tend the vent immediately after the piece fires).
- Misfire
 - Moves to center wheel on the command to re-prime the piece.
 - Hands priming wire and the primer to FL over the top of the wheel.
 - Returns to "Take Aim" position after giving FL the primer.

REAR LEFT CANNONEER (RL)

- Properly tends slowmatch throughout the drill.
- Search Piece (takes worm from FL with left hand).
- Handle Cartridge (holds head of linstock under the carriage).
- Prime (withdraws linstock from under carriage).
- Makes eye contact with GC prior to "Fire" command.
- Fire (smooth motion with linstock).
- Misfire - Remains in position safely tending the linstock until "Fire" command is given.

POWDER HANDLER

- Handle Cartridge (Places cartridge in haversack, brings it to the front of the gun, hands it to FL, and returns to chest).
- Take Aim (Proper position at handspike or tiller).