



Historic Weapons Program

Breech Loading "Trapdoor" Rifle or Carbine Inspection Checklist

Park: _____

Weapon: _____

S.N./Prop.# _____

Prior to Disassembly:

- Make sure the weapon is unloaded.
- Your overall first impression favorable.

The Stock:

- No cracks, splits or weak repairs.
- The butt plate, trigger guard assembly, fit tightly.
- No burrs on butt plate or trigger guard screw heads that would snag clothing or hands.
- Do the band springs function smoothly and not bound by the wood.
- Generally, no splits or rough edges.
- Two-piece stocks have sections securely joined.

The Lock:

- Lock works smoothly.
- The hammer fits tightly on the tumbler.
- All the positions are firm and solid.
- The half-cock ("safety") position works properly.
- Smooth trigger pull with no catching on half-cock.
- Trigger pull is proper:—not too heavy and not a "hair" trigger.
- The lock fits properly into the stock and snugly against the barrel.
- The striking face of the hammer is not battered.
- Hammer face strikes the firing pin squarely and in the center.

The Barrel:

- Barrel fits the stock properly.
- Barrel is free of visible dents or cracks.
- The muzzle is not dented or worn.
- The sights complete and operable.
- The barrel bands hold the barrel securely.
- There is no excessive side-to-side play on the opened breech block. (There will be some play in order for the breech to function properly, but if it is excessive the hinge pin must be replaced. Make certain that the breech-block works properly)
- The cam-latch has adequate spring tension and freedom of movement.

- The firing pin moves freely within the breech block. If it does not, it should be cleaned. (Note: First model .45 caliber rifles and all .50 caliber rifles have firing pin springs. With the block open, press the firing pin down with the thumb and watch the hole in the face of the block to see that the tip of the pin protrudes. The point of the firing pin should be rounded.)
- The breech block closes and locks securely.
- The ejector works crisply, has spring tension, and that it is the proper length.
- On rifles, the cleaning rod is straight, fits the stock properly, and the threads at the lower end clean and free of burrs.

After Disassembly:

The Stock:

- There are no shiny spots in the lock recess indicating rubbing by metal.
- The lock recess is clean and free of splinters; no splitting or cracking.
- No splitting or cracking around tang screw hole.
- The bed for the barrel clean.
- If there is a ramrod spoon or spring, it works freely and its recess is clean.
- The tip is securely fastened to the stock.
- A careful check of a two-piece stock shows the joint is firm.

The Lock:

- All internal screws are tight.
- No internal parts are broken, cracked or chipped.
- The nose of the sear and the tumbler notches are they sharp and in good condition.
- No signs of metal rubbing on the inside of the lock-plate.
- No signs of improper repairs or incorrect replacements.
- With the hammer or cock fully forward, the mainspring does not disconnect from the tumbler nor does any part of it protrude below the lock-plate.
- All parts clean and lightly oiled.



The Barrel:

- () The breech screw fully seated and properly aligned.
- () Check the bore with lights and reflectors. A patch goes through smoothly and comes out clean. It is clean and in free of pits, gouges, rust and a broken cartridge case. A broken cartridge case can be effectively removed by using a regulation broken shell extractor.
- () The chamber is clean.
- () The ejector stud is present.
- () Park staff reports no problems in using this firearm.

This Firearm:

Passed:_____

Failed:_____

Comments:

INSPECTOR:_____

DATE:_____