

**M/710 - 10 Gun Test Procedures**

(10/30/00)

**System Operation/Bench Check** Done by DD,DD,MK,SF

Follow the steps listed below to verify that the rifle is fully functional and will operate as intended.

- Check gun for live ammo
- Make sure ISS system is unlocked (red dot visible)
- Make sure safety is in the "On" position
- Push bolt forward and then rotate to the closed or locked-up position
- Pull the trigger: The rifle should not fire
- With finger off the trigger, push the safety to the "Off" position – The rifle should not fire
- Pull trigger – The rifle should fire (i.e. The firing pin should fall)
- Open the bolt and put safety back to the "On" position
- Using the ISS tool verify that the ISS tumbler can be rotated to the locked position (no red dot visible)
- Unlock the ISS using the ISS tool (red dot visible)
- Remove the Magazine box
- Re-insert magazine box in rifle and verify that the magazine latch fully engages.
- Try removing the bolt from the gun without operating the bolt stop – Bolt should not slide out of the receiver
- Open the bolt stop and try removing the bolt – The bolt should now slide out.
- Re-insert bolt and rotate the bolt stop back into position.

**Data Required:**

- Rifle Serial number
- Record any abnormal operation for each step above

**Measure Trigger Pull Force.****Method:**

- Trigger pull is to be performed to the SAAMI standard; horizontal pull at the center of the finger radius of the trigger using the Test Lab apparatus designed for taking this measurement
- Use the 1-10 lb. Chatillon Force digital force gauge.
- Force is measured parallel to the bore with the stock assembled to the action.
- Three pulls are to be taken on each sample rifle and the results averaged.
- The average force for the three trials must be between 4.0 lb. and 5.0 lb.

**Data Required:**

- Rifle Serial number
- All three data points for each trial rifle