

Test Lab Work Request Form

Rev.3 -20 April, 2000

Date Submitted: 10/4/00	Tracking # : TLW 0323
Project # : 241095	Engineer: S. Franz for M. Keeney
Test Objective: To determine if POI and Group Size change on a scoped M/710 .30-06 Cal. Rifle over a 40 rd. firing interval. Two different scopes will be tested. The first is the proposed Bushnell Scope and the second a Tasco. (See Mike Keeney for scopes and mounts.)	

Test Description:

- Use 4 of the guns used in the SAAMI Drop, Jar-Off and Rotation Tests (TLW0319) after this testing is complete.
- Inspect these guns thoroughly to be sure there are no broken parts or damage caused by the drop tests. Repair these guns as needed.
- Check headspace, trigger pull and engagement. Make sure barrels and Bolt heads were previously proofed. If not headspace, proof and headspace before continuing.
- See Mike Keeney to obtain 2 Bushnell scopes and 2 Tasco scopes (w/mounts)
- Mount each of these scopes to a different M/710.
- Select one Remington Ammo type for all testing. (Record Lot #)
- All testing to be done in the Long range.
- Each gun to be tested as follows:
 - Shoot 2 shots to warm the barrel and seat the action and scope.
 - Zero the gun in at 100 yds. (Do not adjust after this)
 - Shoot 3 5-shot groups for POI and Group Size determination. Shoot from the shoulder using the accuracy bench. (Do not adjust the scope)
 - Allow the gun to cool.
 - Shoot 20 rds. from the shoulder in a standing position. Accuracy and POI data not required for this phase of testing. (Use as much shoulder padding as needed)
 - Cool the gun.
 - Shoot 2 warmer shots and then 3 5-shot groups for POI and Group Size determination. Shoot from the shoulder using the accuracy bench. (Do not adjust the scope)
 - Cool the Gun
 - Shoot 20 rds. from the shoulder in a standing position. Accuracy and POI data not required for this phase of testing. (Use as much shoulder padding as needed)
 - Cool the Gun
 - Shoot 2 warmer shots and then 3 5-shot groups for POI and Group Size determination. (From the accuracy bench)
 - For each 5-shot group determine Group Size and POI relative to POA.

Resource Usage:
Manpower Requirements – 2 techs.

Facility Requirements – Long Range

Test Results Required:
Formal Report: Data Only: X

Requested Completion Date:

Required Materials/Parts/Equipment (include quantities):

Test Parts Availability Date:

Start Date: Completion Date: Report Date:	Test Assigned To: Assignment Date:
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