

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: <ul style="list-style-type: none">• 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 heads²³ 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:<ul style="list-style-type: none">• 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.	Test Results Required: Formal Report: Data Only: X

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