

# Test Lab Work Request Form

Rev.3 -20 April, 2000

<b>Date Submitted:</b> 10/4/00	<b>Tracking # :</b> TLW 0323
<b>Project # :</b> 241095	<b>Engineer:</b> S. Franz for M. Keeney
<b>Test Objective:</b> 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.)	
<b>Test Description:</b> <ul style="list-style-type: none"> <li>• Use 4 of the guns used in the SAAMI Drop, Jar-Off and Rotation Tests (TLW0319) after this testing is complete.</li> <li>• Inspect these guns thoroughly to be sure there are no broken parts or damage caused by the drop tests. Repair these guns as needed.</li> <li>• Check headspace, trigger pull and engagement. Make sure barrels and Bolt heads were previously proofed. If not headspace, proof and headspace before continuing.</li> <li>• See Mike Keeney to obtain 2 Bushnell scopes and 2 Tasco scopes (w/mounts)</li> <li>• Mount each of these scopes to a different M/710.</li> <li>• Select one Remington Ammo type for all testing. (Record Lot #)</li> <li>• All testing to be done in the Long range.</li> <li>• Each gun to be tested as follows:             <ul style="list-style-type: none"> <li>• Shoot 2 shots to warm the barrel and seat the action and scope.</li> <li>• Zero the gun in at 100 yds. (Do not adjust after this)</li> <li>• Shoot 3 5-shot groups for POI and Group Size determination. Shoot from the shoulder using the accuracy bench. (Do not adjust the scope)</li> <li>• Allow the gun to cool.</li> <li>• 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)</li> <li>• Cool the gun.</li> <li>• 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)</li> <li>• Cool the Gun</li> <li>• 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)</li> <li>• Cool the Gun</li> <li>• Shoot 2 warmer shots and then 3 5-shot groups for POI and Group Size determination. (From the accuracy bench)</li> <li>• For each 5-shot group determine Group Size and POI relative to POA.</li> </ul> </li> </ul>	
<b>Resource Usage:</b> <b>Manpower Requirements</b> -2 techs.	<b>Test Results Required:</b> <b>Formal Report:</b> <b>Data Only:</b> X

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