

# 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
<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<sup>83</sup> 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> Manpower Requirements -2 techs.	<b>Test Results Required:</b> Formal Report:      Data Only: X

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