

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
<p>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.)</p>	
<p>Test Description:</p> <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 heads³ 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. 	
<p>Resource Usage:</p> <p>Manpower Requirements -2 techs.</p>	<p>Test Results Required:</p> <p>Formal Report: Data Only: X</p>

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