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*Remington Arms Company Inc.*RESEARCH & DEVELOPMENT TECHNICAL CENTER  
315 WEST RING ROAD  
ELIZABETHTOWN, KY 42701

## 3.2.1.4 TLW0407AB – Clean Rifles and Inspect

See “Clean & Inspect Checklist, series C, T&P”, Part B: raw data sheets for details of the results of inspections and measurements.

**3.3 ACCURACY AND POI TESTING****Accuracy and POI Testing**

## 3.3.1.1 TLW0407AC – POI &amp; Group Size - Initial Test with High Quality 36X Scope

This point of impact test involves the verification of the firearm's sighting system adjustment and the potential to hit the point of aim. Random variation and /or extreme differences shot to shot point of impact (as well as group size) typically indicate improper barrel processing and is used as a final inspection flag in production. Standard factory ammunition is used for this test and the same code of ammunition is used throughout the test. Three, 5-shot groups were shot in each of the test rifles B-21 to B-30. For this product and this caliber the average group must be  $\leq 2.7"$  at 100 yards.

All rifles in the test sample were under the 2.7" group size with the overall average group size calculated to be 2.12", (95% confidence interval = 1.873" to 2.369".)

Rifle	Scope	Ammo	Group #1	Group #2	Group #3	Average Group
B-21	Swarovski 6-24x50	Rem R270W2, 130 gr.	1.765	1.780	2.138	1.894
B-22	Swarovski 6-24x50	Rem R270W2, 130 gr.	1.719	2.694	2.856	2.423
B-23	Swarovski 6-24x50	Rem R270W2, 130 gr.	1.582	2.694	1.352	1.876
B-24	Swarovski 6-24x50	Rem R270W2, 130 gr.	1.588	1.632	2.405	1.875
B-25	Swarovski 6-24x50	Rem R270W2, 130 gr.	2.720	2.194	1.853	2.256

Aug. '01 Trial & Pilot Test - Remington M710 Centerfire Rifle;  
R & D Technical Center Project No. 241039; TLW 0407  
file: F:\Test Reports\Firearms Tests\710 T&P\_270\M710\_270\_T&P\_REPORT\_JUL01\_Rev0.6.doc

Page 25

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Subject to Protective Order - Williams v. Remington