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

One-way Analysis of Variance - POI VS. POA -
CHANGE FROM ZERO ROUNDS TO 20 ROUNDS TO 40 ROUNDS.

MODEL 710 - PHASE II TEST
PROJECT 241095
TLW0323
10 OCTOBER 2000

Analysis of Variance - X VALUES

Source	DF	SS	MS	F	P
Factor	2	0.22	0.11	0.10	0.902
Error	9	9.51	1.06		
Total	11	9.73			

Individual 95% CIs For Mean
Based on Pooled StDev

Level	N	Mean	StDev	
ZERO RDS	4	0.582	0.737	(-----*-----)
20 ROUND	4	0.740	1.034	(-----*-----)
40 ROUND	4	0.913	1.247	(-----*-----)

Pooled StDev = 1.028

0.00 0.80 1.60

One-way Analysis of Variance - Y VALUES**Analysis of Variance**

Source	DF	SS	MS	F	P
Factor	2	0.023	0.011	0.02	0.981
Error	9	5.343	0.594		
Total	11	5.366			

Individual 95% CIs For Mean
Based on Pooled StDev

Level	N	Mean	StDev	
ZERO RDS	4	0.0025	0.5893	(-----*-----)
20 ROUND	4	0.0200	0.7710	(-----*-----)
40 ROUND	4	0.1025	0.9161	(-----*-----)

Pooled StDev = 0.7705

-0.50 0.00 0.50

The Analysis of Variance above indicates that there is not a statistically significant difference between the zero and 20 round and 40 round levels for either the "X" or "Y" values for the differences between the Point of Impact vs. the Point of Aim for the four rifles. The average difference between the "X" values at the zero round level and the 40 round level is approximately 1/3 inch. The average difference for the comparable "Y" values is approximately 1/10 inch.

Jan 2001 Design Acceptance Test Remington M710 Centertire Rifle;
R & D Technical Center Project No. 241039; TLW 0100
file: E:\Test Reports\Firearms Tests\M710_DAT_REPORT_JAN01_Rev1.doc

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Subject to Protective Order - Williams v. Remington

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