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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**

| 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