

PROJECT# 241095  
TLW 0344

| <u>GUN</u> | <u>TRIGGER PULL</u> | <u>Trial 1</u> | <u>Trial 2</u> | <u>Trial 3</u> | <u>AVERAGE</u> |
|------------|---------------------|----------------|----------------|----------------|----------------|
| A-1        |                     | 4.75           | 5              | 4.5            | 4.75           |
| A-2        |                     | 4.75           | 4.75           | 4.75           | 4.75           |
| A-3        |                     | 5.5            | 5.25           | 5              | 5.25           |
| A-4        |                     | 5.5            | 5.5            | 5.25           | 5.42           |
| A-5        |                     | 6              | 5.75           | 5.75           | 5.83           |
| A-6        |                     | 4.75           | 4.25           | 4.75           | 4.58           |
| A-7        |                     | 4.75           | 5              | 5              | 4.92           |
| A-8        |                     | 5.5            | 5.5            | 6              | 5.67           |
| A-9        |                     | 6              | 5.25           | 5.5            | 5.58           |
| A-10       |                     | 4.75           | 4.5            | 4.75           | 4.67           |

Overall A  
Std. Dev.

**CONFIRM PROPER FIT BETWEEN STOCK AND RECEIVER AND STOCK TO BARREL. NO SHIMS**

| <u>GUN</u> |                                                                        |
|------------|------------------------------------------------------------------------|
| A-1        | STOCK, BARREL AND RECEIVER GAPS NOT UNIFORM BUT NOT EXCESSIVE NO SHIMS |
| A-2        | STOCK, BARREL AND RECEIVER GAPS NOT UNIFORM BUT NOT EXCESSIVE NO SHIMS |
| A-3        | STOCK, BARREL AND RECEIVER GAPS NOT UNIFORM BUT NOT EXCESSIVE NO SHIMS |
| A-4        | STOCK, BARREL AND RECEIVER GAPS NOT UNIFORM BUT NOT EXCESSIVE NO SHIMS |
| A-5        | STOCK, BARREL AND RECEIVER GAPS NOT UNIFORM BUT NOT EXCESSIVE NO SHIMS |
| A-6        | OK                                                                     |
| A-7        | OK                                                                     |
| A-8        | STOCK, BARREL AND RECEIVER GAPS NOT UNIFORM BUT NOT EXCESSIVE NO SHIMS |
| A-9        | STOCK, BARREL AND RECEIVER GAPS NOT UNIFORM BUT NOT EXCESSIVE NO SHIMS |
| A-10       | STOCK, BARREL AND RECEIVER GAPS NOT UNIFORM BUT NOT EXCESSIVE NO SHIMS |

**CONFIRM PERMANENT ATTACHMENT OF RECOIL LUG TO STOCK**

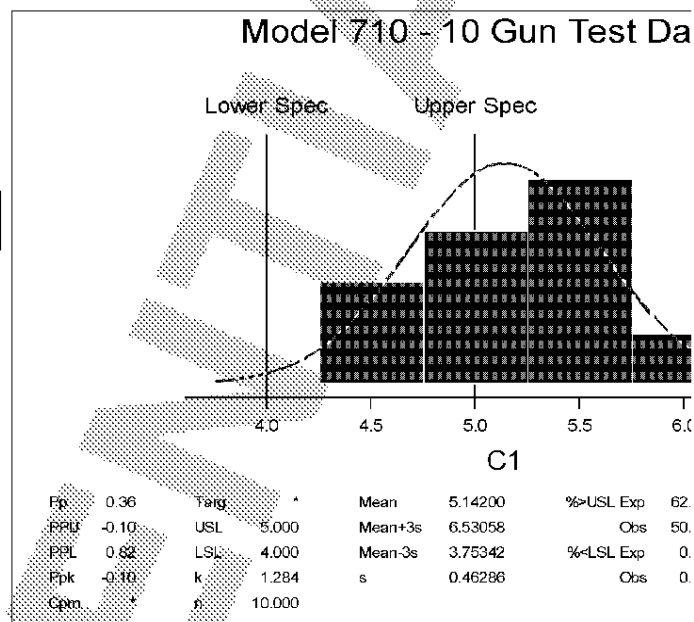
RECOIL LUGS ON ALL 10 GUNS WERE PERMANENTLY GLUED TO THE STOCK.

| <u>GUN</u> | <u>HEAD SPACE</u> | <u>PROOF RDS</u> | <u>HEAD SPACE</u> | <u>HEAD SPACE</u> |                         | <u>BOLT OPEN</u> |
|------------|-------------------|------------------|-------------------|-------------------|-------------------------|------------------|
|            |                   |                  |                   | <u>@ 10 RDS.</u>  | <u>Firing Pin--&gt;</u> | <u>w/DUMMY</u>   |
| A-1        | MIN               | 1                | 0.001             | 0.002             |                         | Cocked 4.23      |
| A-2        | 0.001             | 1                | 0.003             | 0.003             |                         | 3.43             |
| A-3        | 0.002             | 1                | 0.002             | 0.003             |                         | 2.48             |
| A-4        | MIN               | 1                | 0.002             | 0.002             |                         | 3.89             |
| A-5        | 0.001             | 1                | 0.002             | 0.002             |                         | 3.38             |
| A-6        | 0.001             | 1                | 0.002             | 0.002             |                         | 3.26             |
| A-7        | 0.001             | 1                | 0.002             | 0.002             |                         | 2.97             |
| A-8        | 0.001             | 1                | 0.002             | 0.002             |                         | 3.28             |
| A-9        | 0.001             | 1                | 0.002             | 0.002             |                         | 3.16             |
| A-10       | 0.001             | 1                | 0.002             | 0.002             |                         | 3.70             |
| Avg.       |                   |                  |                   |                   |                         | 3.38             |
| Std. Dev.  |                   |                  |                   |                   |                         | 0.49             |

Subject to Protective Order - Williams v. Remington

ETE00002385

|        |           |      |
|--------|-----------|------|
| avg. = | 5.14      | lbs. |
| =      | 0.4632314 | lbs. |

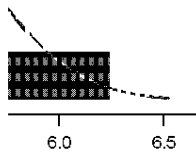


| SLAMMING FORCE MEASUREMENTS (lbs.) |          |           |
|------------------------------------|----------|-----------|
| w/o DUMMY                          | w/DUMMY  | w/o DUMMY |
| Cocked                             | Uncocked | Uncocked  |
| 2.67                               | 12.59    | 11.62     |
| 2.84                               | 13.75    | 13.46     |
| 2.67                               | 13.15    | 12.79     |
| 3.34                               | 11.63    | 10.62     |
| 2.55                               | 13.54    | 12.35     |
| 2.53                               | 11.69    | 11.54     |
| 2.59                               | 14.88    | 15.09     |
| 3.09                               | 14.61    | 14.97     |
| 3.39                               | 11.8     | 11.03     |
| 3.54                               | 10.03    | 9.83      |
| 2.92                               | 12.77    | 12.33     |
| 0.39                               | 1.51     | 1.77      |

| BOLT CLOSING FORCE MEASUREMENTS (lbs.) |       |
|----------------------------------------|-------|
| w/o DUMMY                              |       |
| FORWARD FORCE                          |       |
|                                        | 38.70 |
|                                        | 32.85 |
|                                        | 35.45 |
|                                        | 34.37 |
|                                        | 34.82 |
|                                        | 33.75 |
|                                        | 32.94 |
|                                        | 39.68 |
|                                        | 30.59 |
|                                        | 30.17 |
|                                        | <hr/> |
|                                        | 34.33 |
|                                        | 3.07  |

Note: Could not get consistent closing force measurements.  
Overall impression is that they close better than D

: Data



|    |       |             |        |
|----|-------|-------------|--------|
| cp | 62.05 | PPM>USL Exp | 620498 |
| ps | 50.00 | Obs         | 500000 |
| cp | 0.68  | PPM<LSL Exp | 6807   |
| ps | 0.00  | Obs         | 0      |

urements.  
AT samples.

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200 ROUND JACK FUNCTION TEST

| GUN  | AMMO             | ROUNDS |                                                                       |
|------|------------------|--------|-----------------------------------------------------------------------|
| A-1  | REM R30065 180GR | 200    | NO MALFUNCTIONS                                                       |
| A-2  | REM R30065 180GR | 107    | BOLT HANDLE BROKE 107 RDS                                             |
| A-3  | REM R30065 180GR | 200    | NO MALFUNCTIONS                                                       |
| A-4  | REM R30065 180GR | 200    | (6) STEM LOWS, FOLLOWER STICKING. FILED FOLLOWER NO MORE MALFUNCTIONS |
| A-5  | REM R30065 180GR | 200    | NO MALFUNCTIONS                                                       |
| A-6  | REM R30065 180GR | 200    | NO MALFUNCTIONS                                                       |
| A-7  | REM R30065 180GR | 200    | NO MALFUNCTIONS                                                       |
| A-8  | REM R30065 180GR | 200    | NO MALFUNCTIONS                                                       |
| A-9  | REM R30065 180GR | 200    | (6) STEM LOWS, FOLLOWER STICKING. FILED FOLLOWER NO MORE MALFUNCTIONS |
| A-10 | REM R30065 180GR | 200    | NO MALFUNCTIONS                                                       |

\* TESTERS REPORTED THAT THE BOLT CLOSING FORCE WAS VERY HIGH WHILE ROTATING THE OPERATING HANDLE  
DOWNWARD ON GUNS A-1 & A-7, THIS OCCURRED MOST OF THE TIME, BUT NOT ON EVERY CYCLE.

**PROJECT# 241095**  
**TLR 0344**  
**ISS ABUSE TEST**

**GUN**

**OLD STYLE INSERT**

- A-1 BOLT CLOSED EASILY WITH ISS LOCKED. NO VISIBLE DAMAGE.
- A-5 CLOSED BOLT WITH ISS LOCKED. NO DAMAGE VISIBLE.
- A-7 **CLOSED BOLT WITH ISS LOCKED. BROKE BOLT PLUG. DAMAGE VISIBLE.**
- A-8 **CLOSED BOLT WITH ISS LOCKED. BROKE BOLT PLUG. DAMAGE VISIBLE.**

**NEW STYLE INSERT**

- A-3 CLOSED BOLT WITH ISS LOCKED. NO DAMAGE VISIBLE.
- A-6 COULD NOT CLOSE BOLT ISS LOCKED. NO DAMAGE VISIBLE.
- A-9 CLOSED BOLT WITH ISS LOCKED. NO DAMAGE VISIBLE.
- A-10 COULD NOT CLOSE BOLT WITH ISS LOCKED. NO DAMAGE VISIBLE.

INSPECTED ALL BOLT PLUG WITHOUT VISIBLE DAMAGE USING STEREOSCOPE