

G66803a8

**M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)**

**BOLT ACTION CENTERFIRE RIFLE**

**24" BARREL 7.62 NATO**

- INSTRUCTION BOOK 3518

**BM FORM**

proof of purchase



owner registration sticker



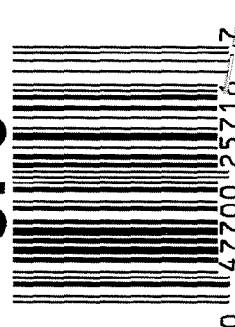
**ORDER NO. 25716**

**BARREL LENGTH 24"**

**CAPACITY 6**

**G6680328**

**UPC**



**ORDER 25716**  
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

**UPC**



**ORDER 25716**  
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

**UPC**



SERIAL NO.



## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G-6680328

| OP #            | OPERATION NAME                                                                                                                         | READINGS   | DATE    | INITIAL |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------|------------|---------|---------|
| 410             | SERIALIZE BOLT HANDLE                                                                                                                  |            | 8/13/07 | SD      |
| 420             | ASSEMBLE ACTION                                                                                                                        |            | 8-10-07 | SD      |
| 430             | ASSEMBLE TO STOCK                                                                                                                      |            | 8/10/07 |         |
| 440             | PROOF                                                                                                                                  |            | 8/10/07 |         |
| 460             | CHECK HEADSPACE                                                                                                                        | MAGNA-FLUX | 8/10/07 |         |
| 470             | DIS-ASSEMBLE ACTION                                                                                                                    |            | 8/13/07 | SD      |
| 480             | MAGNAFLUX BBL ACTION                                                                                                                   |            | 8/13/07 | SD      |
| 490             | MAGNAFLUX BOLT                                                                                                                         |            |         |         |
| 500             | ROLLMARK CALIBER                                                                                                                       |            | 8-14-07 | CW      |
| 510             | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |            | 8-14-07 | TRW     |
| 520             | GOFF BLAST BBL / REC                                                                                                                   |            | 8-15-07 | SLY     |
| 530 &<br>540    | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |            |         |         |
|                 | (BOLT)                                                                                                                                 |            | 8/22/07 | FB      |
| 560             | RE-ASSEMBLE ACTION                                                                                                                     |            | 8-22-07 | SD      |
|                 | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |            |         |         |
|                 | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |            | 8-22-07 | SD      |
|                 | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |            | 8-22-07 | SD      |
|                 | D) OIL FIRING PIN ASSEMBLY                                                                                                             |            | 8/30/07 | SD      |
|                 | E) ADJUST TRIGGER PULL<br>TO MIN. SETTING AND<br>STAKE <span style="border: 1px solid black; padding: 2px;">2.50 LBS +/- .5 LBS</span> |            |         |         |
| F004 REV 5/2006 |                                                                                                                                        |            |         |         |

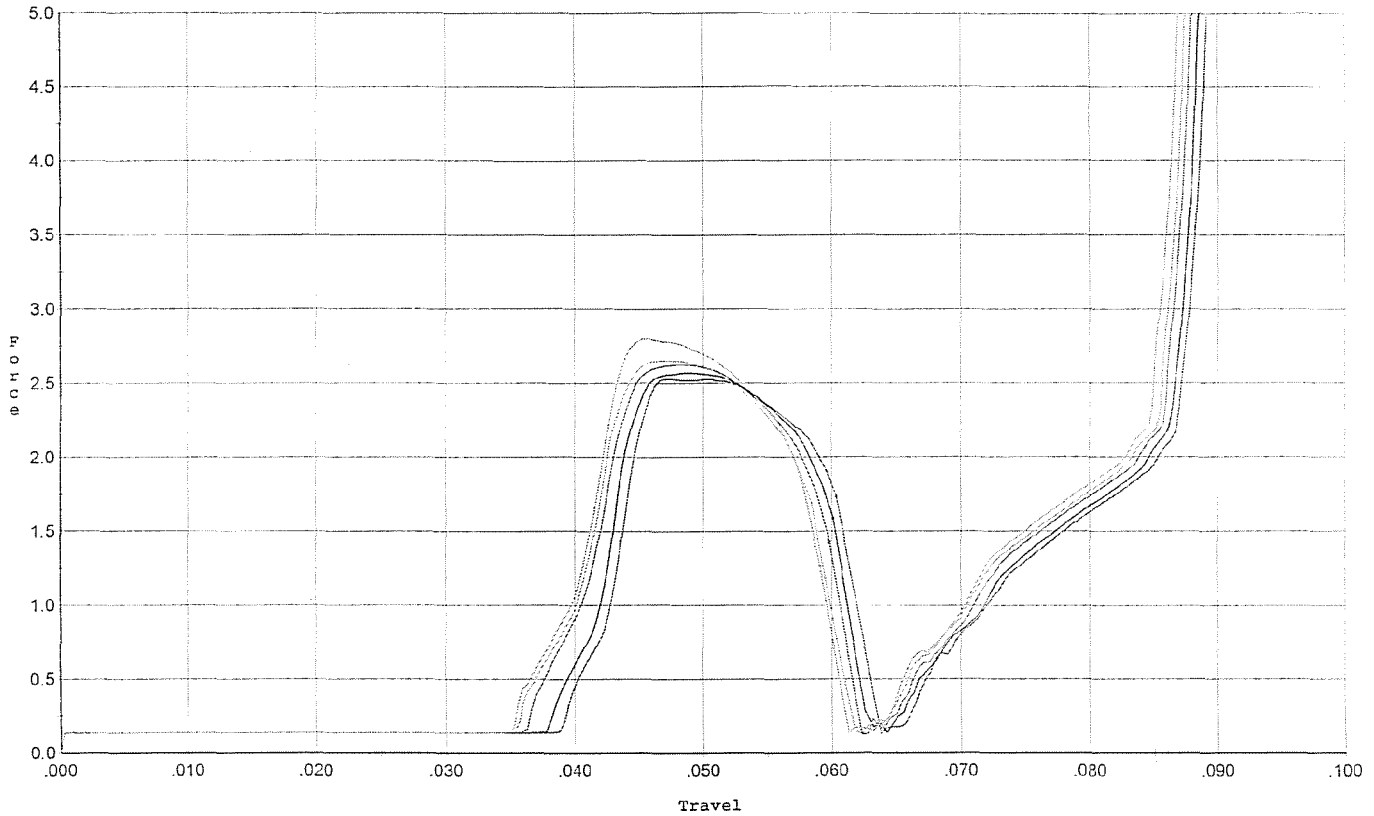
| OP #         | OPERATION NAME                                                           | READINGS                                                    | DATE    | INITIAL |
|--------------|--------------------------------------------------------------------------|-------------------------------------------------------------|---------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>3.0</u> <u>3.0</u> <u>3.0</u>                            | 9/7/07  | R.P.D.  |
| CONT.        |                                                                          |                                                             |         |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>4.0</u> <u>4.0</u> <u>4.0</u>                            | 9/7/07  | R.P.D.  |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             |         |         |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.027</u> <u>.027</u> <u>.027</u>                         | 8/7/07  | R.P.D.  |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 8/30/07 | R.P.D.  |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 9/7/07  | R.P.D.  |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 9/7/07  | R.P.D.  |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 9/7/07  | R.P.D.  |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 9/7/07  | R.P.D.  |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 8/31/07 | mon     |
|              | MALFUNCTION SSOC                                                         | CORRECTION OK                                               | 9.5.07  | TRW     |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 8/31/07 | RP      |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 9/7/07  | R.P.D.  |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.66</u> <u>2.37</u> <u>2.67</u> <u>2.61</u> <u>2.51</u> | 9/5/07  | RP      |
|              | C) FUNCTION                                                              |                                                             | 9/7/07  | R.P.D.  |
| 690          | PACK                                                                     |                                                             | 9/8/07  | RA      |

F004 REV 5/2006

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 6/20/07

Model: M/24  
Serial No: Form #F005  
Trigger: 2.5 lbs. ini. +/- .50 lbs.



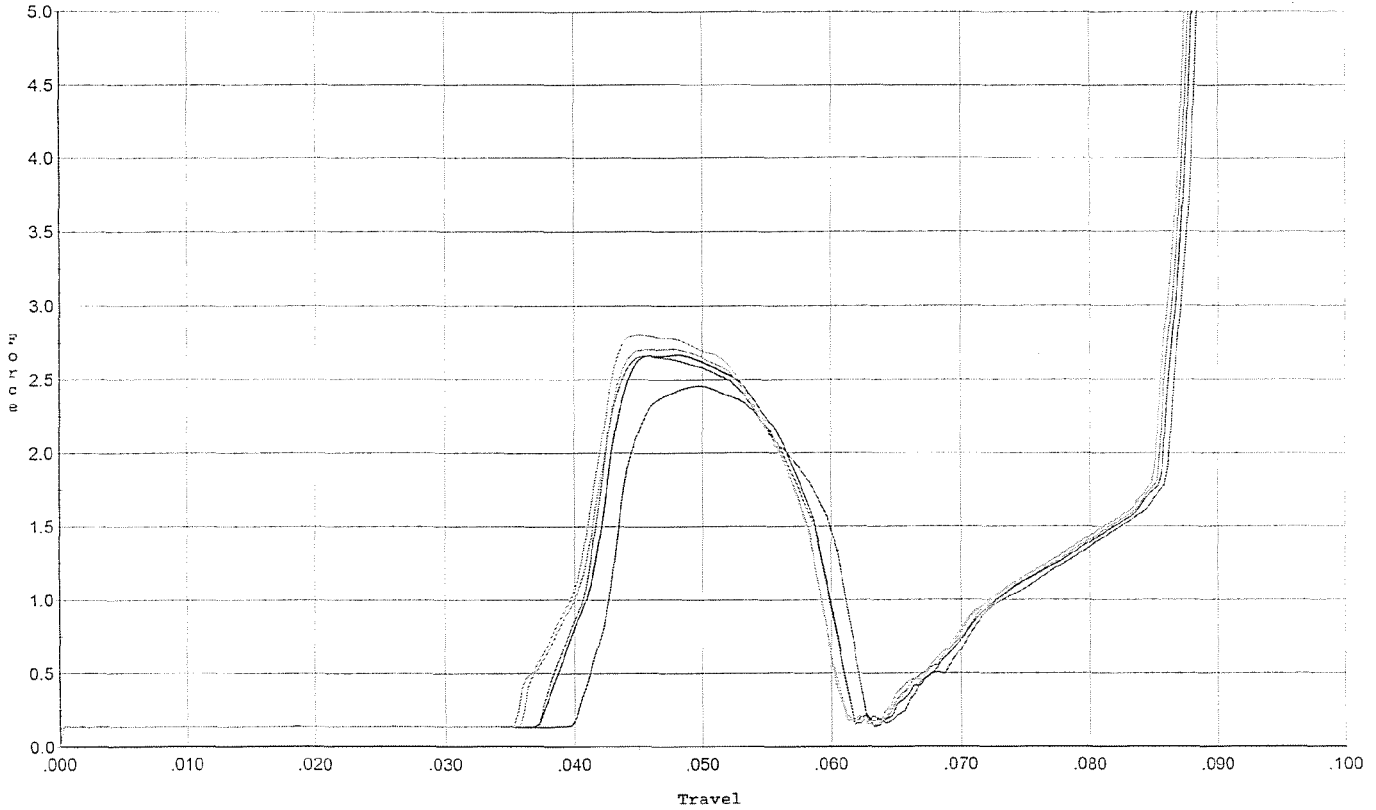
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.529      | 0.060             | 0.039           | 0.036      | 0.048             |           | Set Trigger |
| 2 | 2.570      | 0.060             | 0.038           | 0.036      | 0.049             |           | Set Trigger |
| 3 | 2.626      | 0.060             | 0.037           | 0.036      | 0.051             |           | Set Trigger |
| 4 | 2.651      | 0.058             | 0.036           | 0.036      | 0.050             |           | Set Trigger |
| 5 | 2.799      | 0.059             | 0.036           | 0.035      | 0.052             |           | Set Trigger |

2.64 Aug

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 6/20/07

Model: M/24  
Serial No: Form #F005  
Trigger: 2.5 lbs. after 50 cycles +/- .50 lbs.



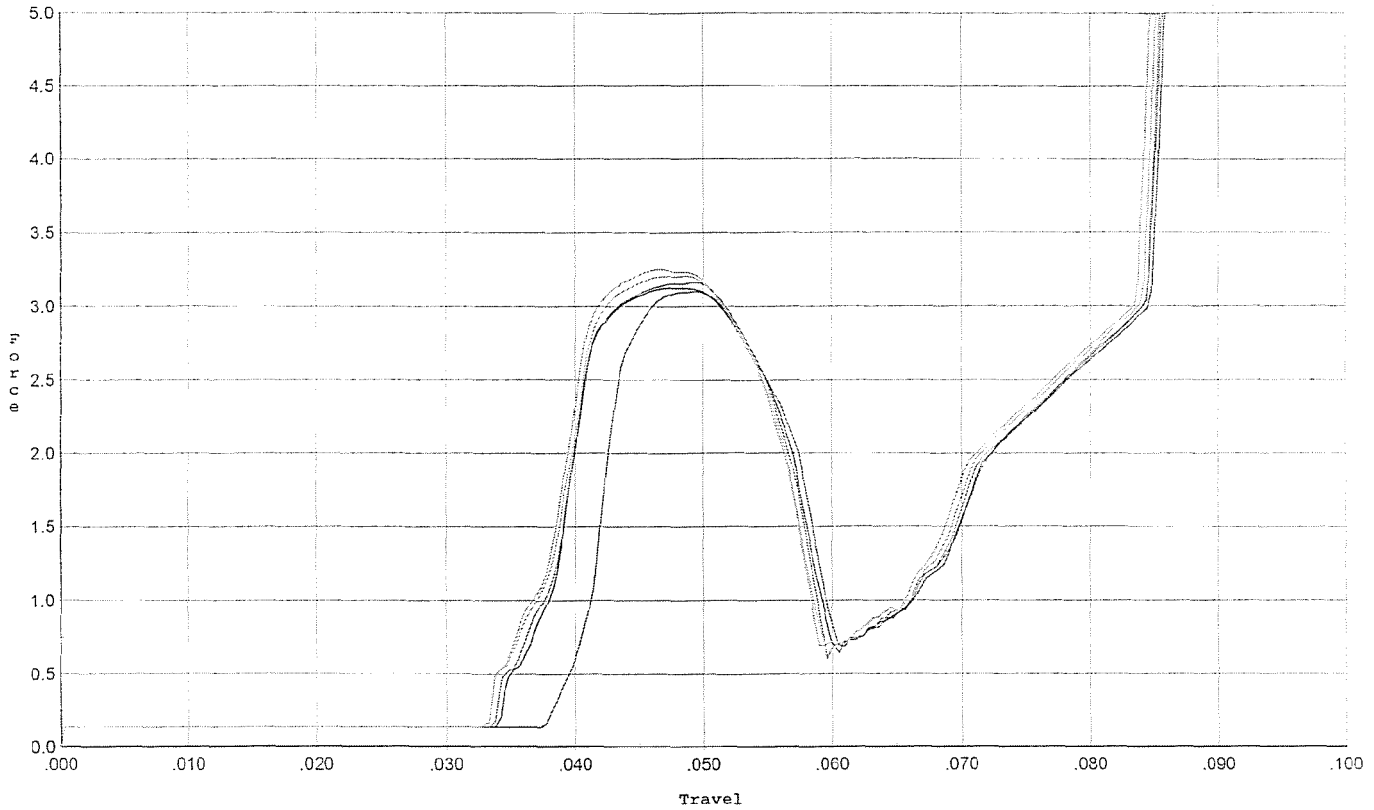
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.456      | 0.060             | 0.040           | 0.036      | 0.045             |           | Set Trigger |
| 2 | 2.667      | 0.060             | 0.038           | 0.036      | 0.049             |           | Set Trigger |
| 3 | 2.661      | 0.059             | 0.038           | 0.036      | 0.048             |           | Set Trigger |
| 4 | 2.803      | 0.058             | 0.036           | 0.036      | 0.051             |           | Set Trigger |
| 5 | 2.709      | 0.058             | 0.036           | 0.036      | 0.049             |           | Set Trigger |

2.66 Avg.

# Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: M. McKinney 6/20/07

Model: M/24  
 Serial No: Form #F005  
 Trigger: 3.0 lbs. ini. +/- .75 lbs.



| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.100      | 0.057             | 0.038           | 0.035      | 0.051             |           | Set Trigger |
| 2 | 3.121      | 0.057             | 0.034           | 0.035      | 0.059             |           | Set Trigger |
| 3 | 3.164      | 0.057             | 0.034           | 0.034      | 0.060             |           | Set Trigger |
| 4 | 3.204      | 0.056             | 0.034           | 0.035      | 0.060             |           | Set Trigger |
| 5 | 3.248      | 0.057             | 0.034           | 0.034      | 0.061             |           | Set Trigger |

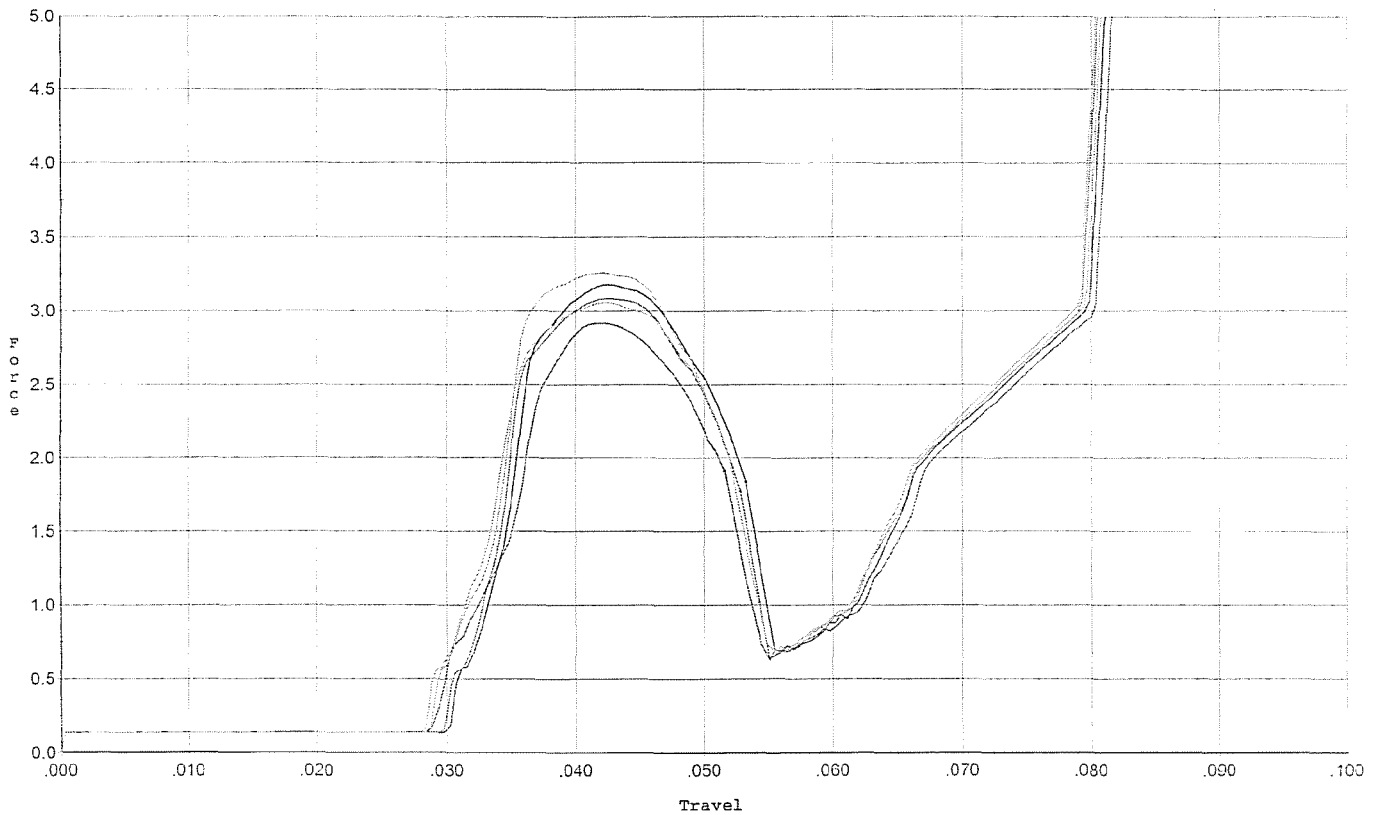
3.17 Avg.



# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 6/20/07

Model: M/24  
Serial No: Form #F005  
Trigger: 3.0 lbs. after 20 cycles +/- .75 lbs.



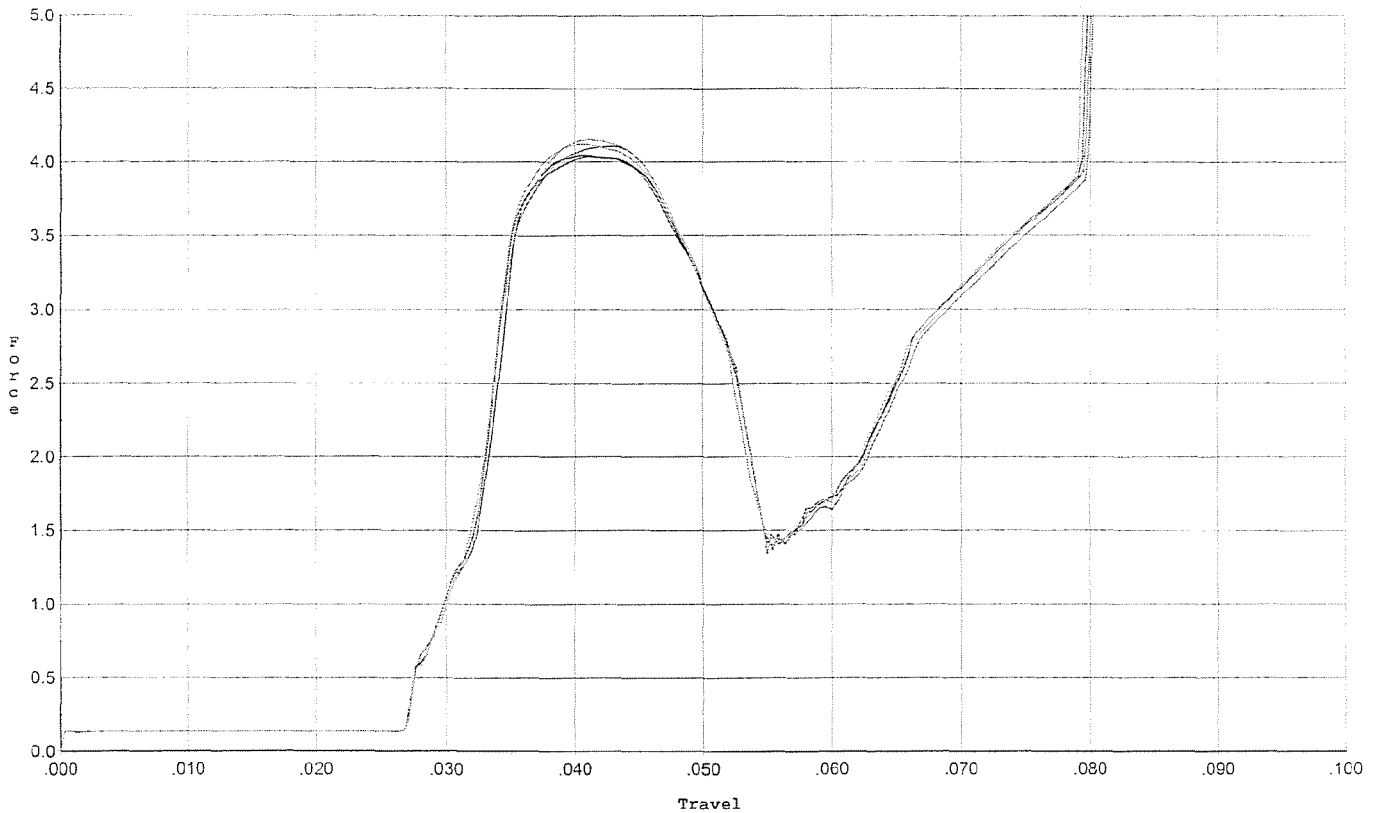
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.919      | 0.052             | 0.029           | 0.035      | 0.052             |           | Set Trigger |
| 2 | 3.179      | 0.053             | 0.030           | 0.033      | 0.059             |           | Set Trigger |
| 3 | 3.083      | 0.053             | 0.030           | 0.033      | 0.058             |           | Set Trigger |
| 4 | 3.054      | 0.052             | 0.029           | 0.033      | 0.059             |           | Set Trigger |
| 5 | 3.260      | 0.052             | 0.029           | 0.033      | 0.061             |           | Set Trigger |

3.10 Avg.

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 6/20/07

Model: M/24  
Serial No: Form #F005  
Trigger: 4.0 lbs. ini. +/- 1.0 lbs.



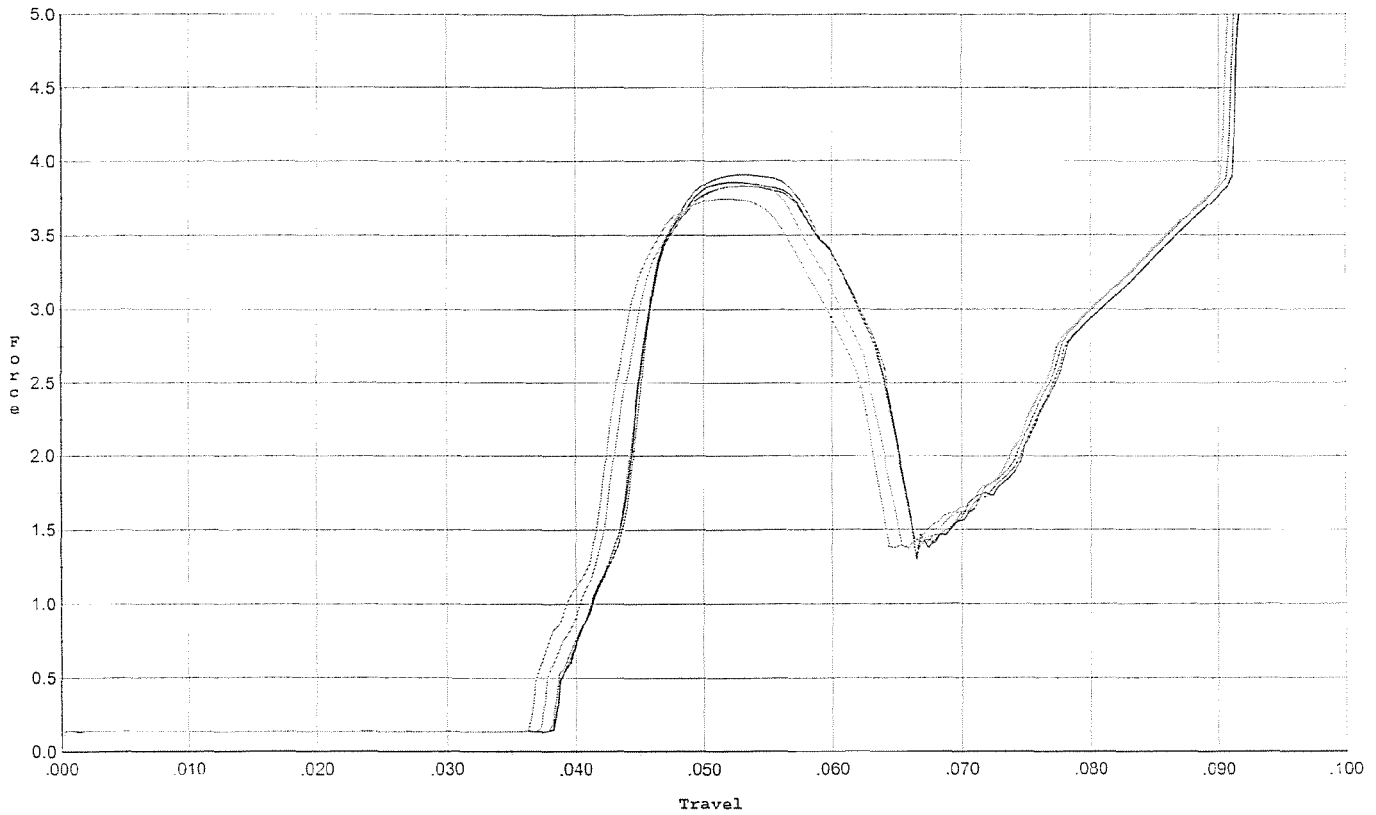
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.037      | 0.053             | 0.027           | 0.031      | 0.080             |           | Set Trigger |
| 2 | 4.046      | 0.053             | 0.027           | 0.031      | 0.079             |           | Set Trigger |
| 3 | 4.105      | 0.053             | 0.027           | 0.032      | 0.080             |           | Set Trigger |
| 4 | 4.153      | 0.053             | 0.027           | 0.032      | 0.080             |           | Set Trigger |
| 5 | 4.124      | 0.052             | 0.027           | 0.031      | 0.079             |           | Set Trigger |

4.09 Avg.

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 6/20/07

Model: M/24  
Serial No: Form #F005  
Trigger: 4.0 lbs. after 20 cycles +/- 1.0 lbs.



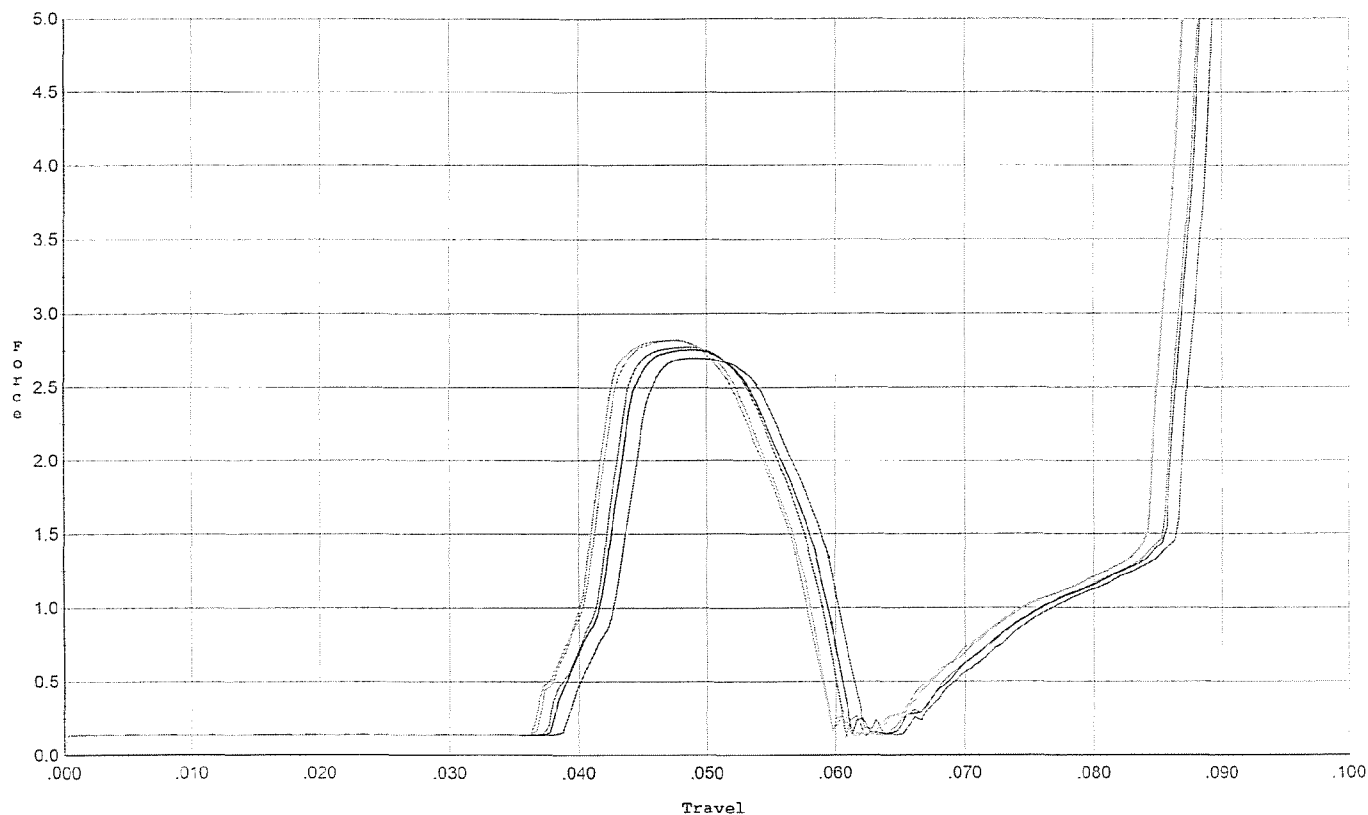
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.831      | 0.064             | 0.039           | 0.033      | 0.080             |           | Set Trigger |
| 2 | 3.859      | 0.064             | 0.039           | 0.033      | 0.081             |           | Set Trigger |
| 3 | 3.907      | 0.064             | 0.038           | 0.033      | 0.082             |           | Set Trigger |
| 4 | 3.848      | 0.064             | 0.038           | 0.033      | 0.080             |           | Set Trigger |
| 5 | 3.745      | 0.062             | 0.037           | 0.034      | 0.078             |           | Set Trigger |

3.84 Avg.

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 6/20/07

Model: M/24  
Serial No: Form #F005  
Trigger: reset to 2.5 lbs. +/- .50 lbs. for final test



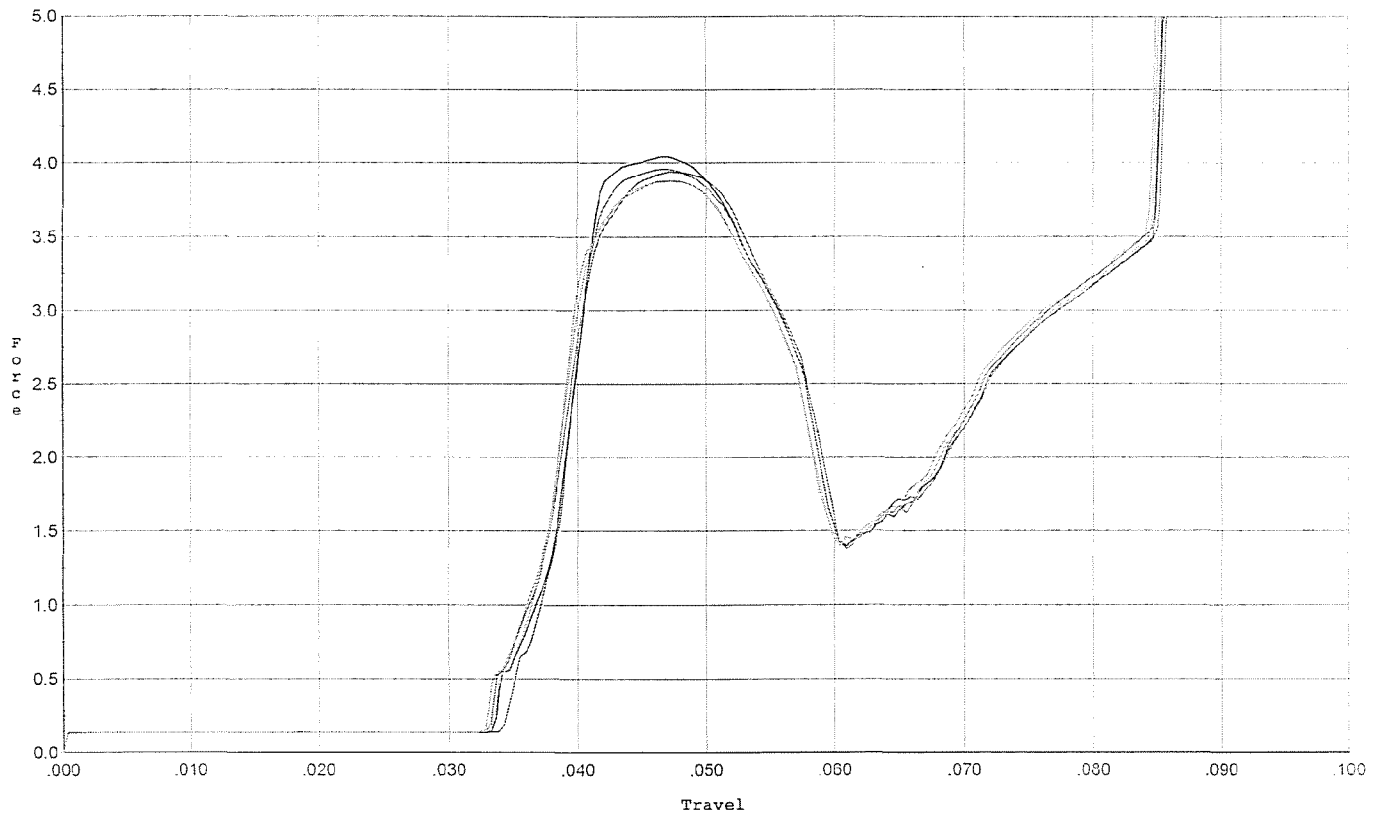
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.696      | 0.059             | 0.039           | 0.037      | 0.046             |           | Set Trigger |
| 2 | 2.756      | 0.060             | 0.038           | 0.037      | 0.048             |           | Set Trigger |
| 3 | 2.772      | 0.059             | 0.038           | 0.037      | 0.048             |           | Set Trigger |
| 4 | 2.818      | 0.058             | 0.037           | 0.037      | 0.048             |           | Set Trigger |
| 5 | 2.823      | 0.057             | 0.037           | 0.037      | 0.047             |           | Set Trigger |

2.77 Avg

# Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: M. McKinney 6/20/07

Model: M/24  
 Serial No: Form #F005  
 Trigger: set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy



| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.939      | 0.059             | 0.035           | 0.033      | 0.076             |           | Set Trigger |
| 2 | 4.043      | 0.058             | 0.034           | 0.034      | 0.076             |           | Set Trigger |
| 3 | 3.956      | 0.058             | 0.033           | 0.033      | 0.076             |           | Set Trigger |
| 4 | 3.874      | 0.057             | 0.034           | 0.034      | 0.074             |           | Set Trigger |
| 5 | 3.884      | 0.057             | 0.033           | 0.033      | 0.075             |           | Set Trigger |

3.94 Avg.

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6680328.\_\_\_0

FILE DATE AND TIME: 09/04/2007 07:59

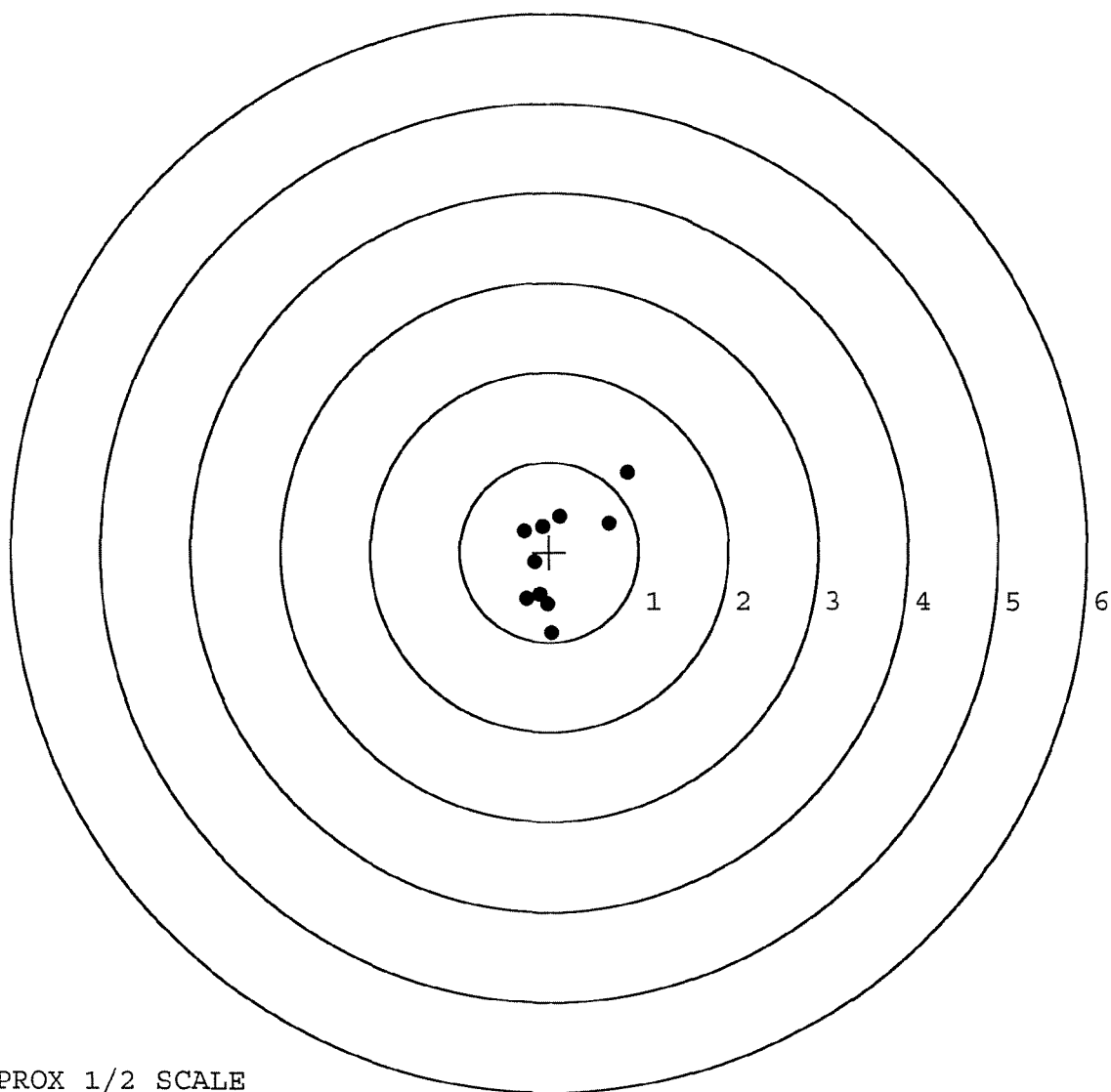
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.039  |
| The Average Y Centroid of the Five Target Set:              | -0.059 |
| The Average Point of Impact of the Five Target Set:         | 0.071  |
| The Average Mean Radius of the Five Target Set:             | 0.695  |
| The Distance from POA to Centroid Target #1:                | 0.089  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.165  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.138  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.115  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.197  |

SERIAL NUMBER: G6680328. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 09/04/2007  
FILE TIME: 07:59

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.021  | -0.897 |
| 2:     | -0.026 | -0.578 |
| 3:     | -0.254 | -0.516 |
| 4:     | -0.166 | -0.110 |
| 5:     | -0.286 | 0.227  |
| 6:     | 0.119  | 0.399  |
| 7:     | 0.664  | 0.318  |
| 8:     | 0.876  | 0.876  |
| 9:     | -0.082 | 0.284  |
| 10:    | -0.109 | -0.472 |

X CENTROID: 0.076  
Y CENTROID: -0.047  
POA TO CENTROID: 0.089  
HORZ SPREAD: 1.162  
VERT SPREAD: 1.773  
GROUP SPREAD: 1.968  
MIN RADIUS: 0.250  
MAX RADIUS: 1.222  
MEAN RADIUS: 0.586  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

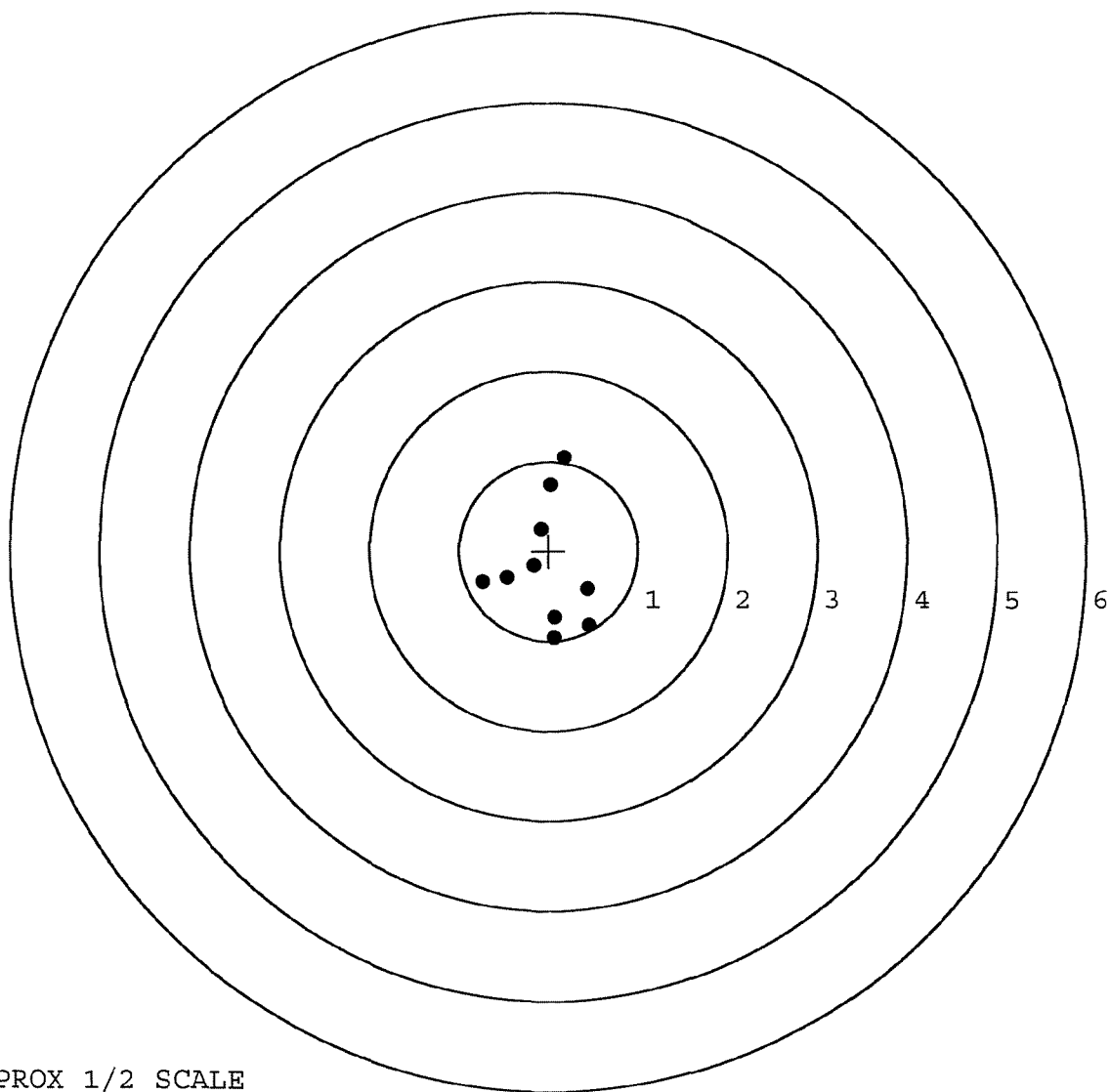


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6680328. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 09/04/2007  
FILE TIME: 07:59

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.178  | 1.040  |
| 2:     | 0.022  | 0.745  |
| 3:     | -0.089 | 0.240  |
| 4:     | -0.165 | -0.162 |
| 5:     | -0.464 | -0.302 |
| 6:     | -0.738 | -0.351 |
| 7:     | 0.435  | -0.428 |
| 8:     | 0.447  | -0.840 |
| 9:     | 0.056  | -0.972 |
| 10:    | 0.066  | -0.746 |

X CENTROID: -0.025  
Y CENTROID: -0.178  
POA TO CENTROID: 0.179  
HORZ SPREAD: 1.185  
VERT SPREAD: 2.012  
GROUP SPREAD: 2.016  
MIN RADIUS: 0.141  
MAX RADIUS: 1.234  
MEAN RADIUS: 0.662  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10



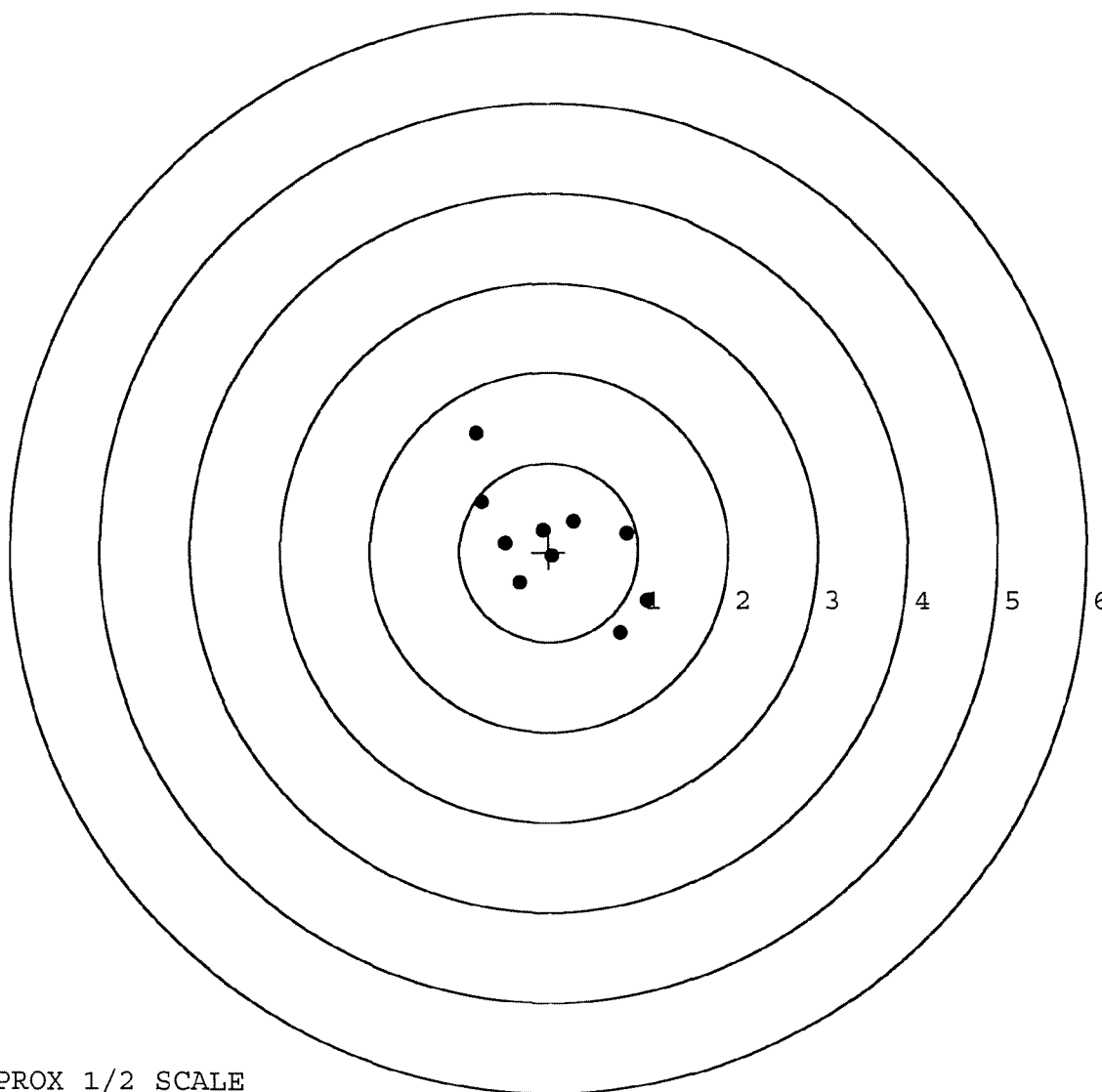
TARGET APPROX 1/2 SCALE



SERIAL NUMBER: G6680328. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 09/04/2007  
FILE TIME: 07:59

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.752 | 0.559  |
| 2:     | 0.275  | 0.344  |
| 3:     | -0.061 | 0.241  |
| 4:     | 0.034  | -0.042 |
| 5:     | -0.326 | -0.350 |
| 6:     | -0.480 | 0.095  |
| 7:     | 0.867  | 0.203  |
| 8:     | 1.096  | -0.559 |
| 9:     | 0.799  | -0.908 |
| 10:    | -0.811 | 1.326  |

X CENTROID: 0.064  
Y CENTROID: 0.091  
POA TO CENTROID: 0.111  
HORZ SPREAD: 1.907  
VERT SPREAD: 2.234  
GROUP SPREAD: 2.754  
MIN RADIUS: 0.136  
MAX RADIUS: 1.514  
MEAN RADIUS: 0.752  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6680328. \_\_0

TARGET NUMBER: 4

FILE DATE: 09/04/2007

FILE TIME: 07:59

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.277 | 1.222  |
| 2:     | 0.331  | 1.060  |
| 3:     | 1.046  | 0.453  |
| 4:     | 0.577  | -0.071 |
| 5:     | 0.134  | 0.047  |
| 6:     | -0.013 | -0.210 |
| 7:     | -0.091 | 0.031  |
| 8:     | -0.237 | -0.378 |
| 9:     | -0.371 | -0.560 |
| 10:    | -0.299 | -0.913 |

X CENTROID: 0.080

Y CENTROID: 0.068

POA TO CENTROID: 0.105

HORZ SPREAD: 1.417

VERT SPREAD: 2.135

GROUP SPREAD: 2.135

MIN RADIUS: 0.058

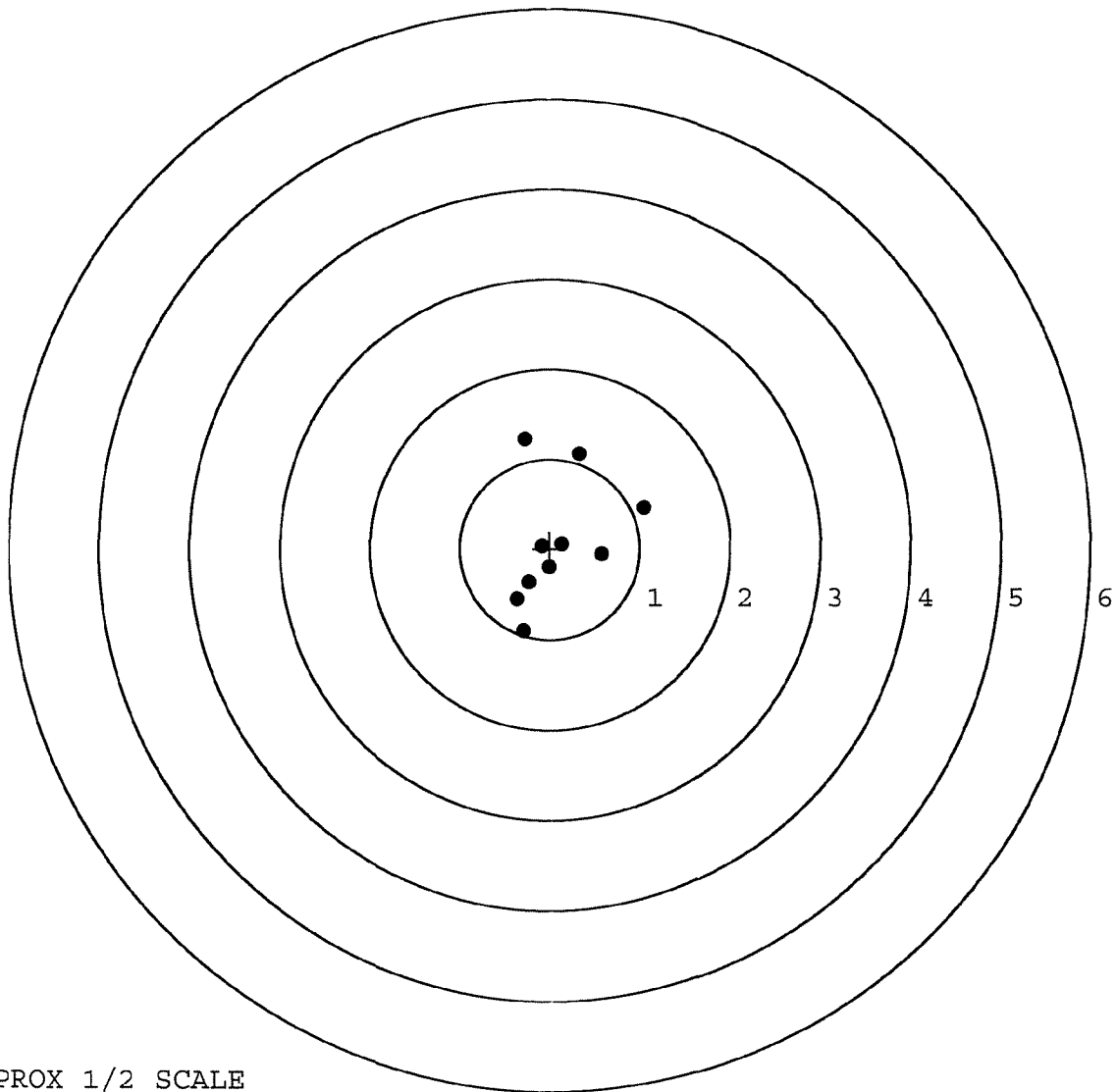
MAX RADIUS: 1.208

MEAN RADIUS: 0.669

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 10

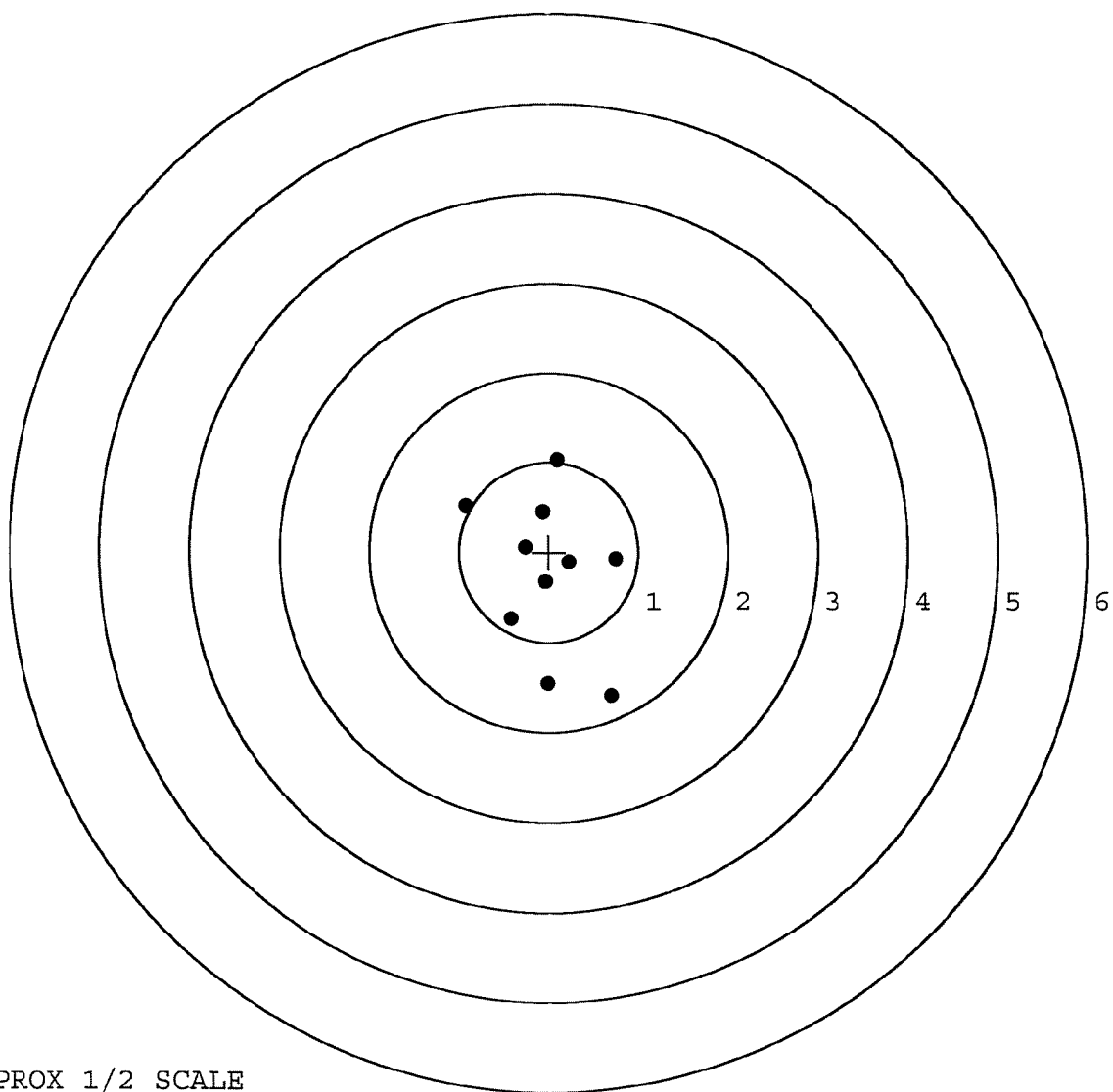


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6680328. \_\_0  
 TARGET NUMBER: 5  
 FILE DATE: 09/04/2007  
 FILE TIME: 07:59

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.095  | 1.024  |
| 2:     | -0.924 | 0.514  |
| 3:     | -0.072 | 0.450  |
| 4:     | -0.265 | 0.057  |
| 5:     | 0.222  | -0.113 |
| 6:     | -0.046 | -0.330 |
| 7:     | 0.749  | -0.085 |
| 8:     | -0.422 | -0.746 |
| 9:     | -0.020 | -1.462 |
| 10:    | 0.696  | -1.606 |

X CENTROID: 0.001  
 Y CENTROID: -0.230  
 POA TO CENTROID: 0.230  
 HORZ SPREAD: 1.673  
 VERT SPREAD: 2.630  
 GROUP SPREAD: 2.698  
 MIN RADIUS: 0.111  
 MAX RADIUS: 1.542  
 MEAN RADIUS: 0.808  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 6  
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE