

G 6680281

**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



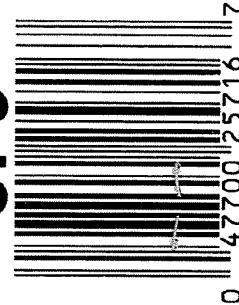
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

**G6680281**

**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.



GUN SERIAL # G6680281

| OP #            | OPERATION NAME                                                                                                                         | READINGS     | DATE    | INITIAL |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|---------|
| 410             | SERIALIZE BOLT HANDLE                                                                                                                  |              | 8-28-07 | TRW     |
| 420             | ASSEMBLE ACTION                                                                                                                        |              | 8/25/07 | R.P.D.  |
| 430             | ASSEMBLE TO STOCK                                                                                                                      |              | 8-27-07 | TRW     |
| 440             | PROOF                                                                                                                                  |              | 8-27-07 | TRW     |
| 460             | CHECK HEADSPACE                                                                                                                        | MAGNA - FLUX | 8-27-07 | TRW     |
| 470             | DIS-ASSEMBLE ACTION                                                                                                                    | SEP 20 2007  | 8-28-07 | TRW     |
| 480             | MAGNAFLUX BBL ACTION                                                                                                                   | JB           | 8-30-07 | JB      |
| 490             | MAGNAFLUX BOLT                                                                                                                         |              |         |         |
| 500             | ROLLMARK CALIBER                                                                                                                       |              | 8-28-07 | CW      |
| 510             | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |              | 8-28-07 | FM      |
| 520             | GOFF BLAST BBL / REC                                                                                                                   |              | 8-30-07 | dy      |
| 530 &<br>540    | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |              |         |         |
|                 | (BOLT)                                                                                                                                 |              | 8/31/07 | JB      |
| 560             | RE-ASSEMBLE ACTION                                                                                                                     |              |         |         |
|                 | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |              | 9/1/07  | RP      |
|                 | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |              | 9/1/07  | RP      |
|                 | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |              | 9/1/07  | RP      |
|                 | D) OIL FIRING PIN ASSEMBLY                                                                                                             |              | 9/5/07  | R.P.D.  |
|                 | 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> |              | 9/8/07  | MTL     |
| F004 REV 5/2006 |                                                                                                                                        |              |         |         |

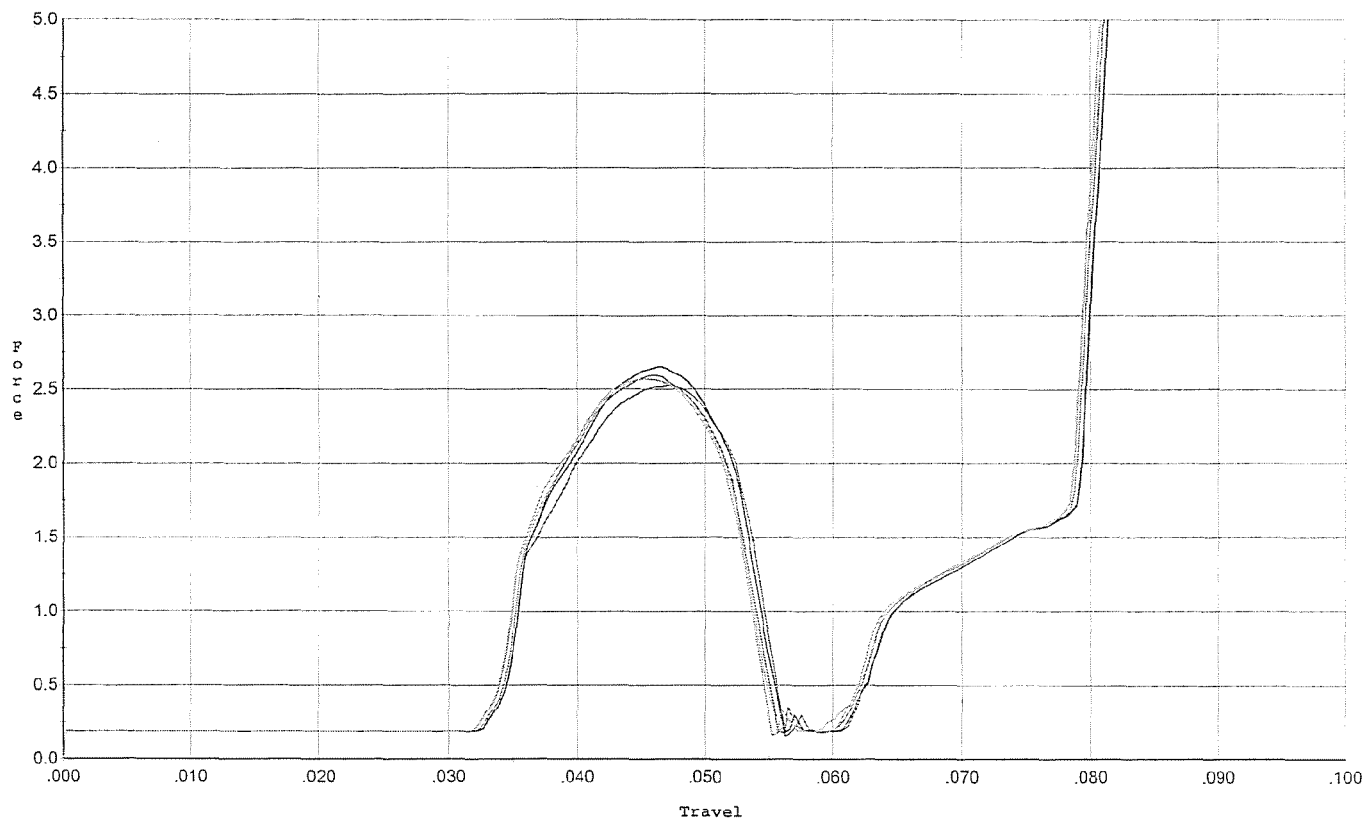
| OP #         | OPERATION NAME                                                           | READINGS                                                    | DATE    | INITIAL |
|--------------|--------------------------------------------------------------------------|-------------------------------------------------------------|---------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>6.85</u> <u>5.75</u> <u>6.0</u>                          | 9/18/07 | non     |
| CONT.        |                                                                          |                                                             |         |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>5.0</u> <u>5.25</u> <u>5.0</u>                           | 9/18/07 | non     |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             | 9/18/07 | non     |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.023</u> <u>.023</u> <u>.023</u>                         | 9/18/07 | non     |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 9/5/07  | J.P.D.  |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 9/18/07 | non     |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 9/18/07 | non     |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 9/18/07 | non     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 9/18/07 | non     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 9-6-07  | TRW     |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 9/6/07  | W.R.    |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 9/18/07 | non     |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.26</u> <u>2.26</u> <u>2.33</u> <u>2.32</u> <u>2.36</u> | 9/10/07 | DA      |
|              | C) FUNCTION                                                              |                                                             | 9/18/07 | non     |
| 690          | PACK                                                                     |                                                             | 9/20/07 | DA      |

F004 REV 5/2006

## Trigger Profile [ lbs,inch ]

Profile: SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 9/4/07

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



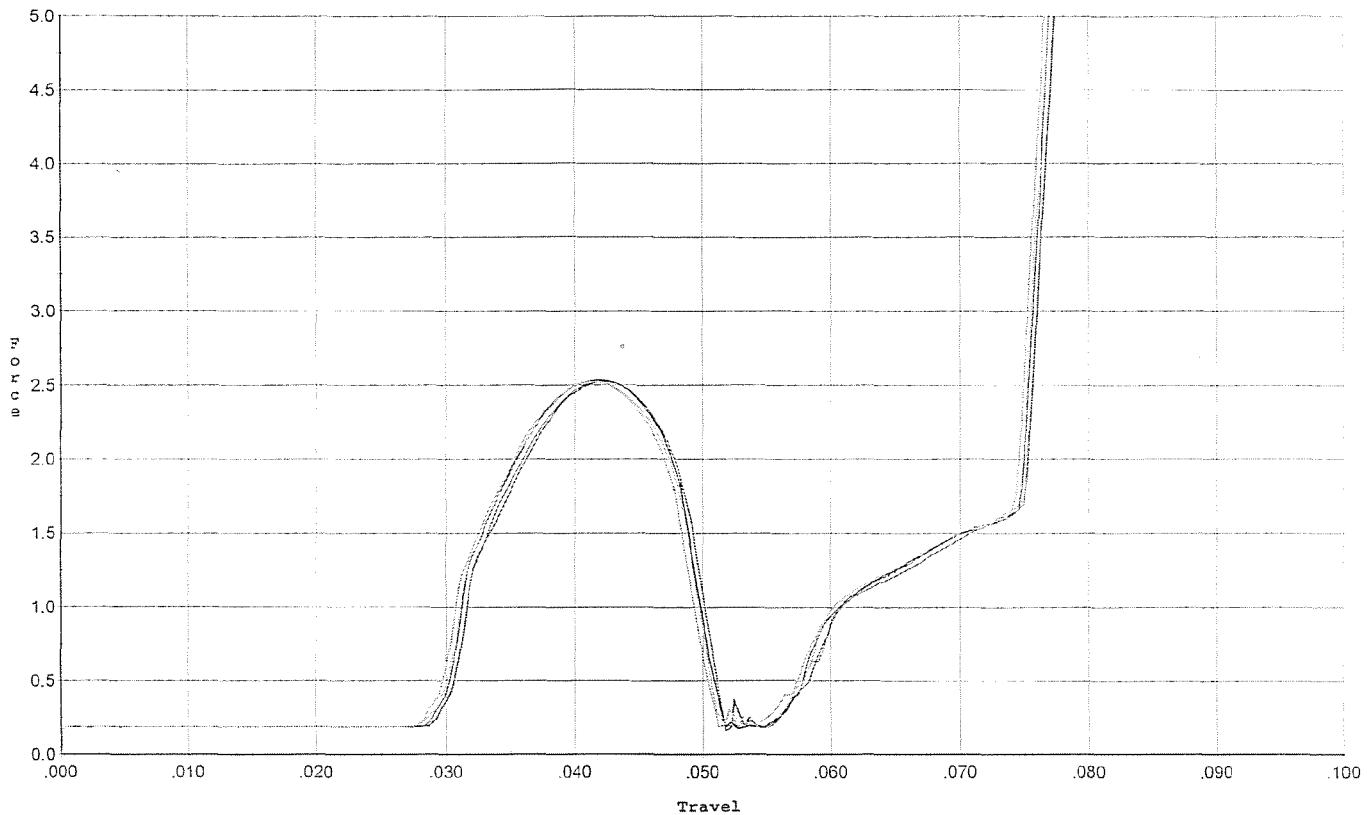
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.528      | 0.054             | 0.033           | 0.034      | 0.047             |           | Set Trigger |
| 2 | 2.654      | 0.053             | 0.033           | 0.035      | 0.047             |           | Set Trigger |
| 3 | 2.596      | 0.052             | 0.033           | 0.035      | 0.045             |           | Set Trigger |
| 4 | 2.571      | 0.052             | 0.033           | 0.034      | 0.046             |           | Set Trigger |
| 5 | 2.569      | 0.053             | 0.033           | 0.034      | 0.046             |           | Set Trigger |

AVG 2.58

## Trigger Profile [ lbs,inch ]

Profile: SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 9/4/07

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



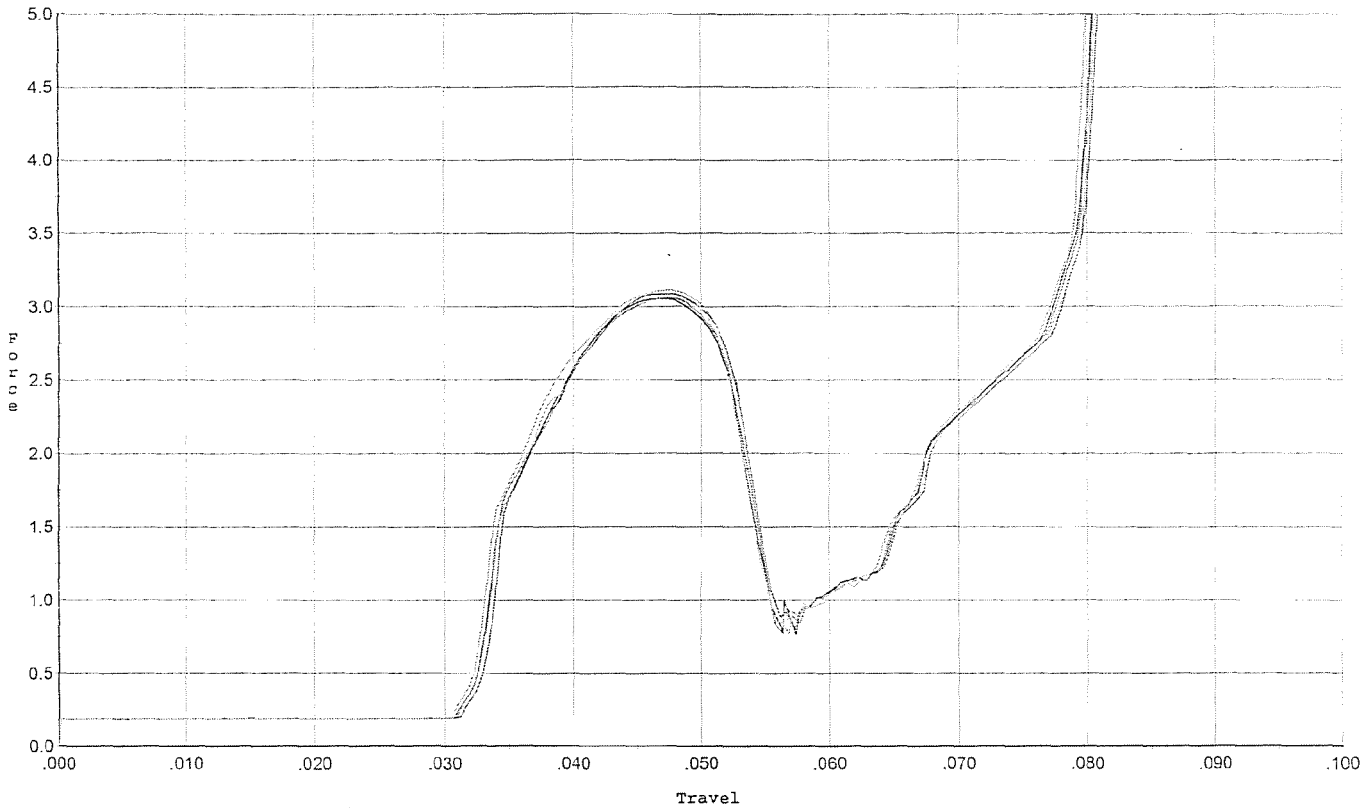
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.526      | 0.049             | 0.030           | 0.033      | 0.044             |           | Set Trigger |
| 2 | 2.538      | 0.048             | 0.029           | 0.033      | 0.044             |           | Set Trigger |
| 3 | 2.528      | 0.049             | 0.030           | 0.033      | 0.044             |           | Set Trigger |
| 4 | 2.524      | 0.048             | 0.029           | 0.033      | 0.044             |           | Set Trigger |
| 5 | 2.531      | 0.048             | 0.029           | 0.033      | 0.043             |           | Set Trigger |

Avg 2.52

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 9/4/07

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



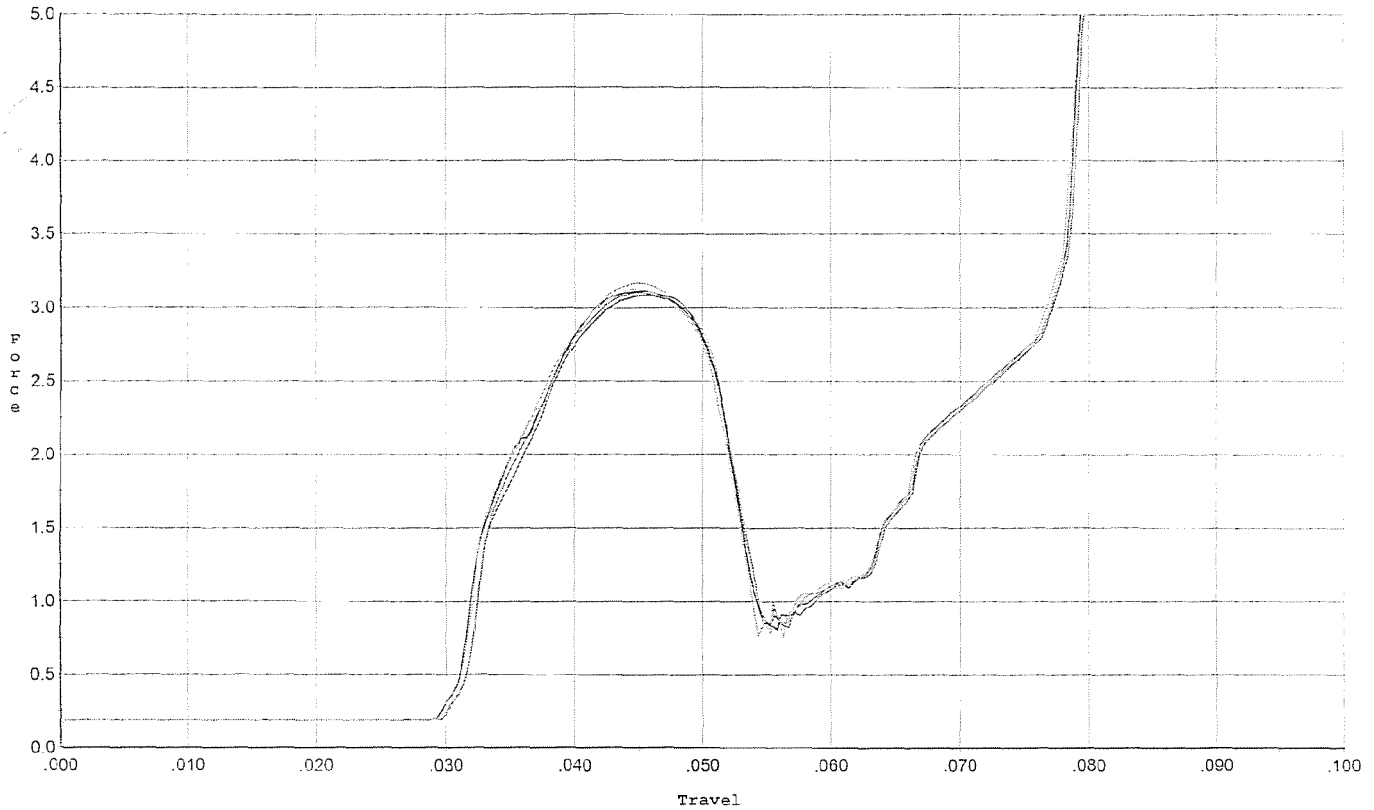
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.084      | 0.053             | 0.032           | 0.033      | 0.058             |           | Set Trigger |
| 2 | 3.053      | 0.052             | 0.031           | 0.033      | 0.057             |           | Set Trigger |
| 3 | 3.058      | 0.054             | 0.031           | 0.033      | 0.059             |           | Set Trigger |
| 4 | 3.111      | 0.053             | 0.032           | 0.033      | 0.059             |           | Set Trigger |
| 5 | 3.065      | 0.052             | 0.031           | 0.033      | 0.058             |           | Set Trigger |

Avg 3.07

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 9/4/07

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



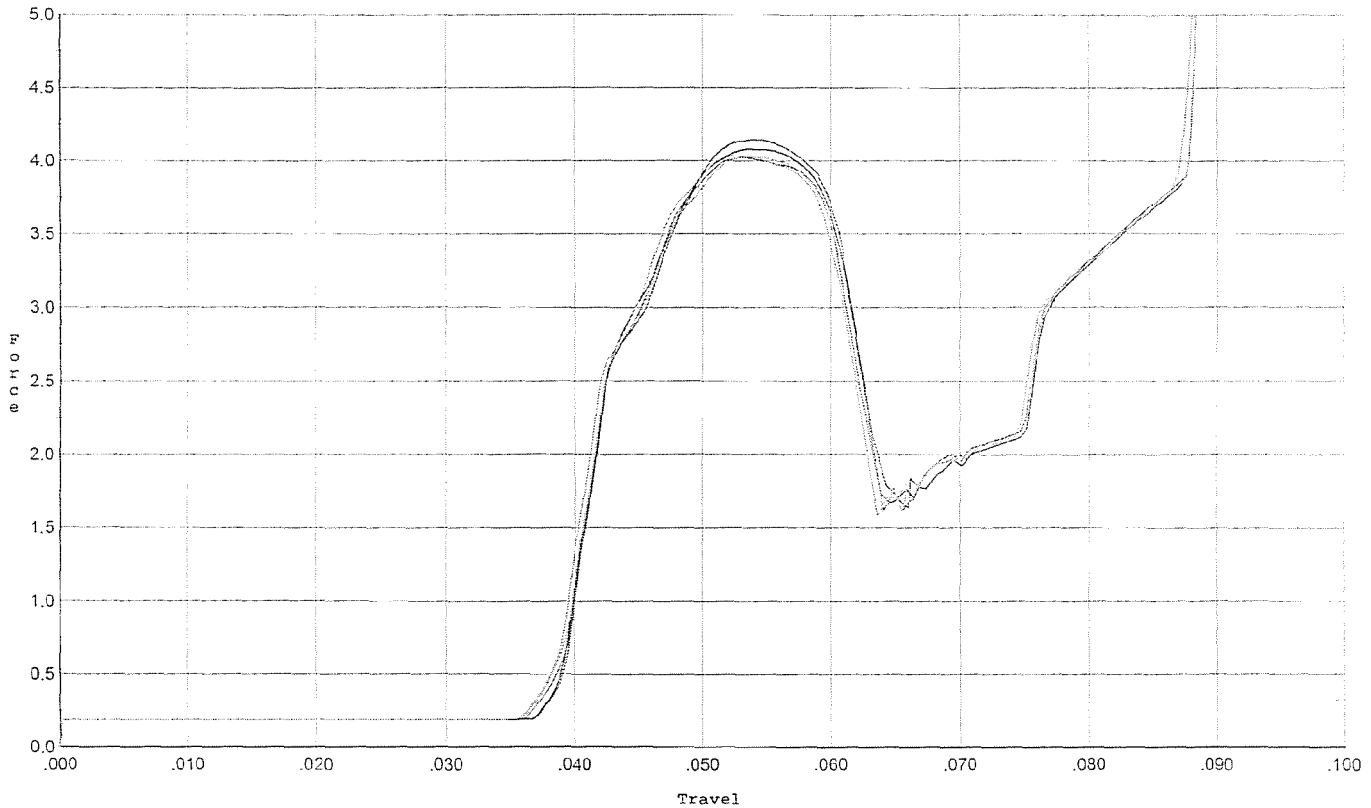
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.085      | 0.051             | 0.031           | 0.033      | 0.055             |           | Set Trigger |
| 2 | 3.112      | 0.051             | 0.030           | 0.032      | 0.058             |           | Set Trigger |
| 3 | 3.102      | 0.051             | 0.030           | 0.033      | 0.057             |           | Set Trigger |
| 4 | 3.124      | 0.052             | 0.030           | 0.032      | 0.059             |           | Set Trigger |
| 5 | 3.165      | 0.053             | 0.030           | 0.032      | 0.060             |           | Set Trigger |

AVG 3.11

## Trigger Profile [ lbs,inch ]

Profile: SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 9/4/07

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



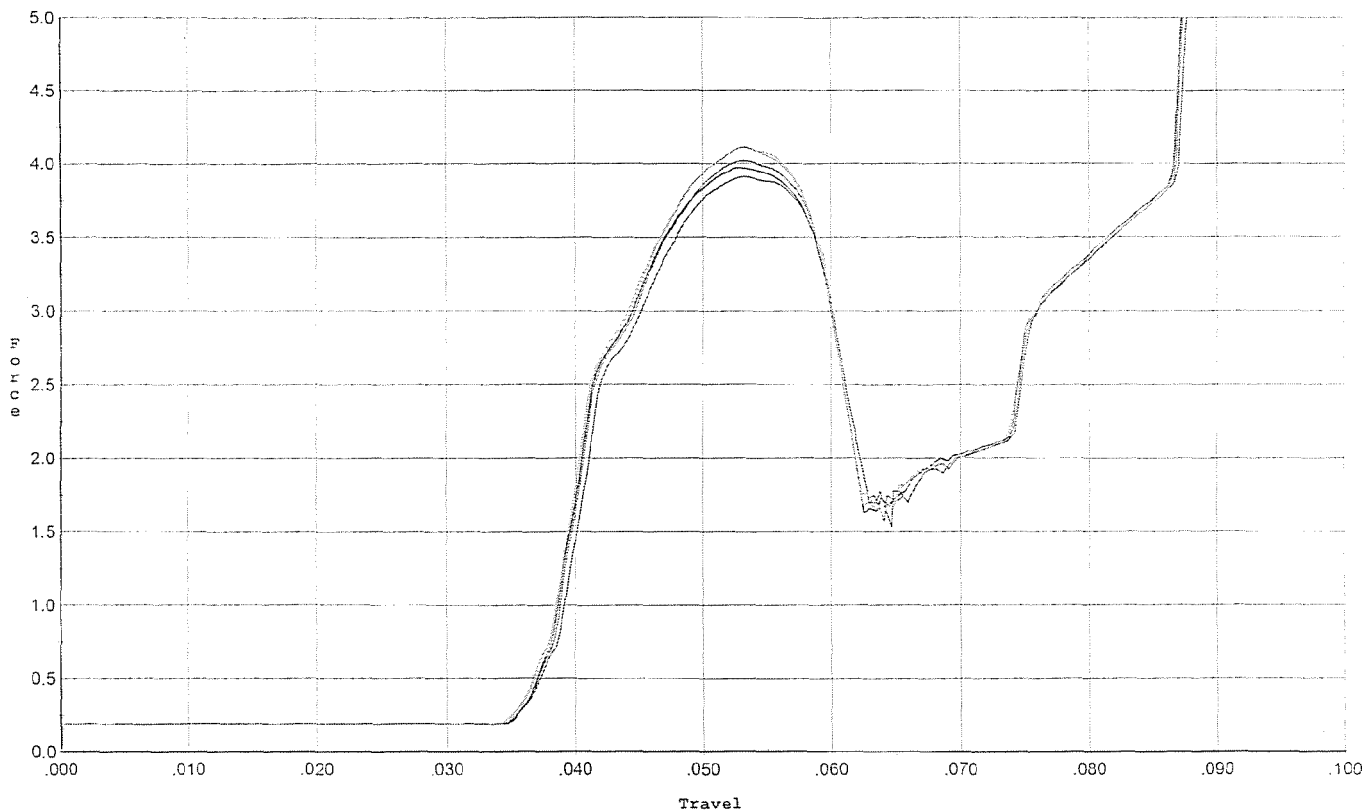
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.145      | 0.061             | 0.039           | 0.032      | 0.083             |           | Set Trigger |
| 2 | 4.082      | 0.061             | 0.038           | 0.032      | 0.083             |           | Set Trigger |
| 3 | 4.022      | 0.060             | 0.038           | 0.033      | 0.080             |           | Set Trigger |
| 4 | 4.028      | 0.061             | 0.037           | 0.032      | 0.083             |           | Set Trigger |
| 5 | 4.033      | 0.061             | 0.038           | 0.032      | 0.082             |           | Set Trigger |

AVG 4.06

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 9/4/07

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



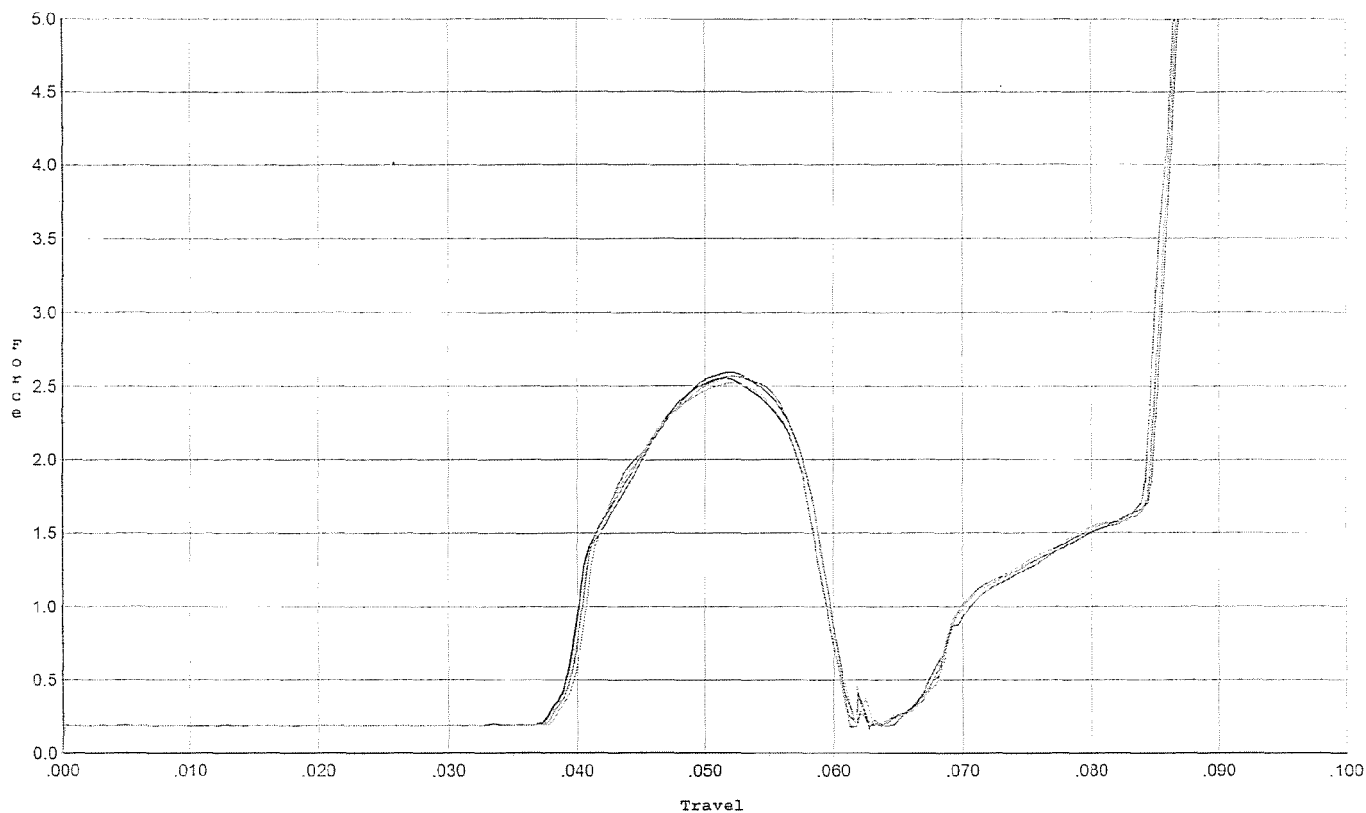
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.912      | 0.059             | 0.037           | 0.033      | 0.077             |           | Set Trigger |
| 2 | 3.970      | 0.060             | 0.036           | 0.032      | 0.080             |           | Set Trigger |
| 3 | 4.017      | 0.059             | 0.036           | 0.033      | 0.080             |           | Set Trigger |
| 4 | 4.107      | 0.059             | 0.036           | 0.032      | 0.082             |           | Set Trigger |
| 5 | 4.113      | 0.060             | 0.036           | 0.032      | 0.081             |           | Set Trigger |

Avg 4.02

## Trigger Profile [ lbs,inch ]

Profile: SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 9/4/07

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



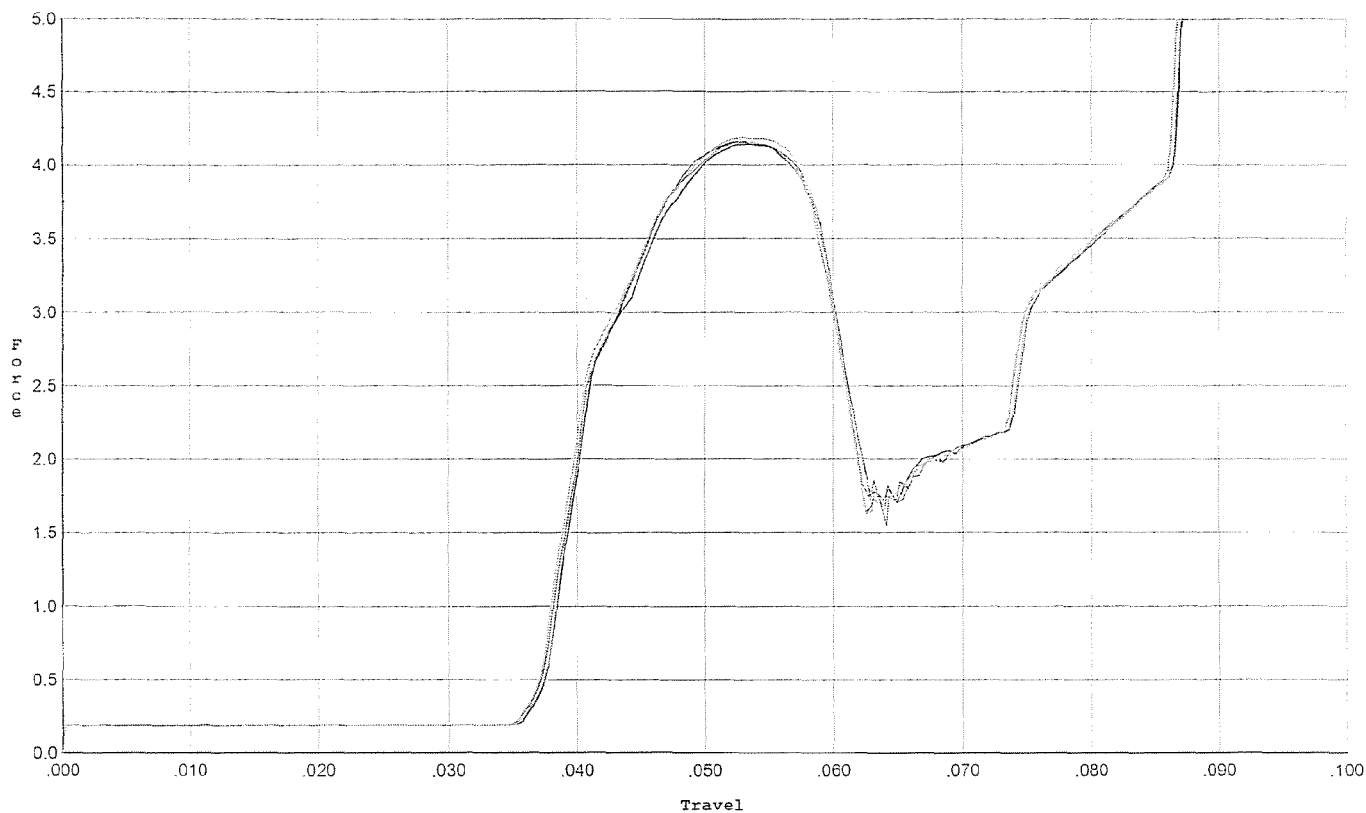
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.594      | 0.058             | 0.038           | 0.035      | 0.048             |           | Set Trigger |
| 2 | 2.555      | 0.058             | 0.038           | 0.036      | 0.047             |           | Set Trigger |
| 3 | 2.566      | 0.058             | 0.038           | 0.035      | 0.048             |           | Set Trigger |
| 4 | 2.567      | 0.058             | 0.039           | 0.035      | 0.048             |           | Set Trigger |
| 5 | 2.524      | 0.058             | 0.039           | 0.036      | 0.047             |           | Set Trigger |

AVg 2.56

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putsch 9/4/07

Model: M24  
 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 | 4.158      | 0.060             | 0.037           | 0.032      | 0.084             |           | Set Trigger |
| 2 | 4.142      | 0.059             | 0.036           | 0.032      | 0.082             |           | Set Trigger |
| 3 | 4.157      | 0.059             | 0.036           | 0.032      | 0.083             |           | Set Trigger |
| 4 | 4.174      | 0.060             | 0.036           | 0.032      | 0.085             |           | Set Trigger |
| 5 | 4.185      | 0.059             | 0.037           | 0.032      | 0.084             |           | Set Trigger |

Avg 4.16

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6680281.\_\_\_0

FILE DATE AND TIME: 09/06/2007 14:59

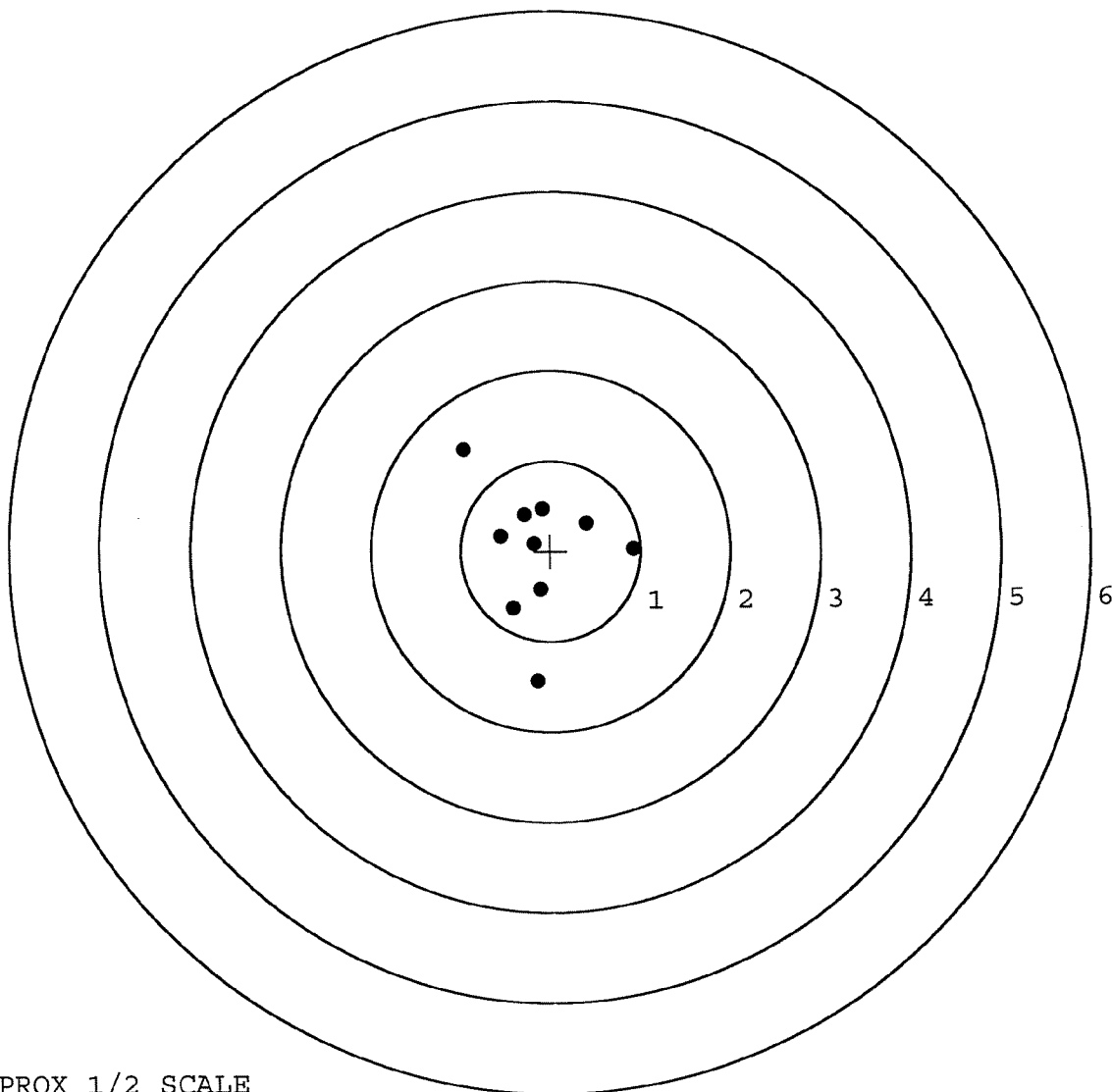
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.009 |
| The Average Y Centroid of the Five Target Set:              | 0.001  |
| The Average Point of Impact of the Five Target Set:         | 0.009  |
| The Average Mean Radius of the Five Target Set:             | 0.716  |
| The Distance from POA to Centroid Target #1:                | 0.146  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.202  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.271  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.127  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.151  |

SERIAL NUMBER: G6680281. \_\_0  
 TARGET NUMBER: 1  
 FILE DATE: 09/06/2007  
 FILE TIME: 14:59

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.922  | 0.022  |
| 2:     | 0.406  | 0.313  |
| 3:     | -0.159 | -1.450 |
| 4:     | -0.119 | -0.427 |
| 5:     | -0.422 | -0.638 |
| 6:     | -0.092 | 0.472  |
| 7:     | -0.291 | 0.403  |
| 8:     | -0.186 | 0.082  |
| 9:     | -0.557 | 0.169  |
| 10:    | -0.960 | 1.127  |

X CENTROID: -0.146  
 Y CENTROID: 0.007  
 POA TO CENTROID: 0.146  
 HORZ SPREAD: 1.882  
 VERT SPREAD: 2.577  
 GROUP SPREAD: 2.699  
 MIN RADIUS: 0.085  
 MAX RADIUS: 1.457  
 MEAN RADIUS: 0.709  
 # IN 1 IN DIAMETER: 5  
 # IN 2 IN DIAMETER: 7  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0174458**

SERIAL NUMBER: G6680281. \_\_0

TARGET NUMBER: 2

FILE DATE: 09/06/2007

FILE TIME: 14:59

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.646  | -0.203 |
| 2:     | 0.297  | -0.637 |
| 3:     | 0.182  | -0.794 |
| 4:     | -0.692 | -0.627 |
| 5:     | -0.828 | -0.442 |
| 6:     | -0.043 | 0.325  |
| 7:     | -0.138 | 0.799  |
| 8:     | 0.306  | 0.552  |
| 9:     | 0.485  | 0.820  |
| 10:    | 0.280  | 0.799  |

X CENTROID: 0.050

Y CENTROID: 0.059

POA TO CENTROID: 0.077

HORZ SPREAD: 1.474

VERT SPREAD: 1.614

GROUP SPREAD: 1.821

MIN RADIUS: 0.281

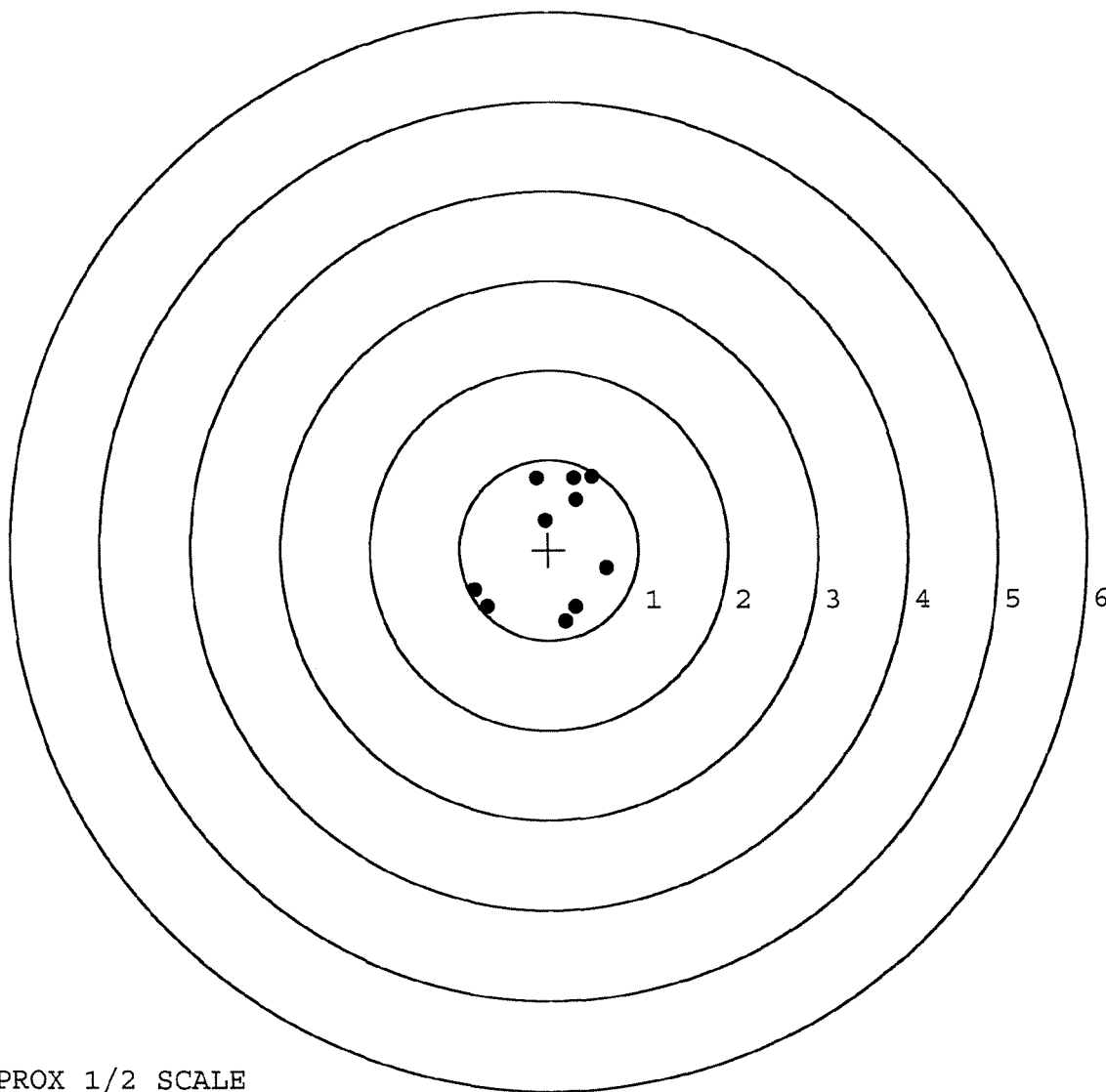
MAX RADIUS: 1.011

MEAN RADIUS: 0.753

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6680281. \_\_0

TARGET NUMBER: 3

FILE DATE: 09/06/2007

FILE TIME: 14:59

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 2.064  | 0.344  |
| 2:     | 0.842  | -0.085 |
| 3:     | 0.429  | 0.020  |
| 4:     | -0.137 | -0.516 |
| 5:     | -0.368 | -0.568 |
| 6:     | -1.141 | 0.106  |
| 7:     | -0.156 | -0.111 |
| 8:     | 0.063  | 0.159  |
| 9:     | -0.210 | 0.337  |
| 10:    | -0.231 | 1.101  |

X CENTROID: 0.115

Y CENTROID: 0.079

POA TO CENTROID: 0.140

HORZ SPREAD: 3.205

VERT SPREAD: 1.669

GROUP SPREAD: 3.214

MIN RADIUS: 0.096

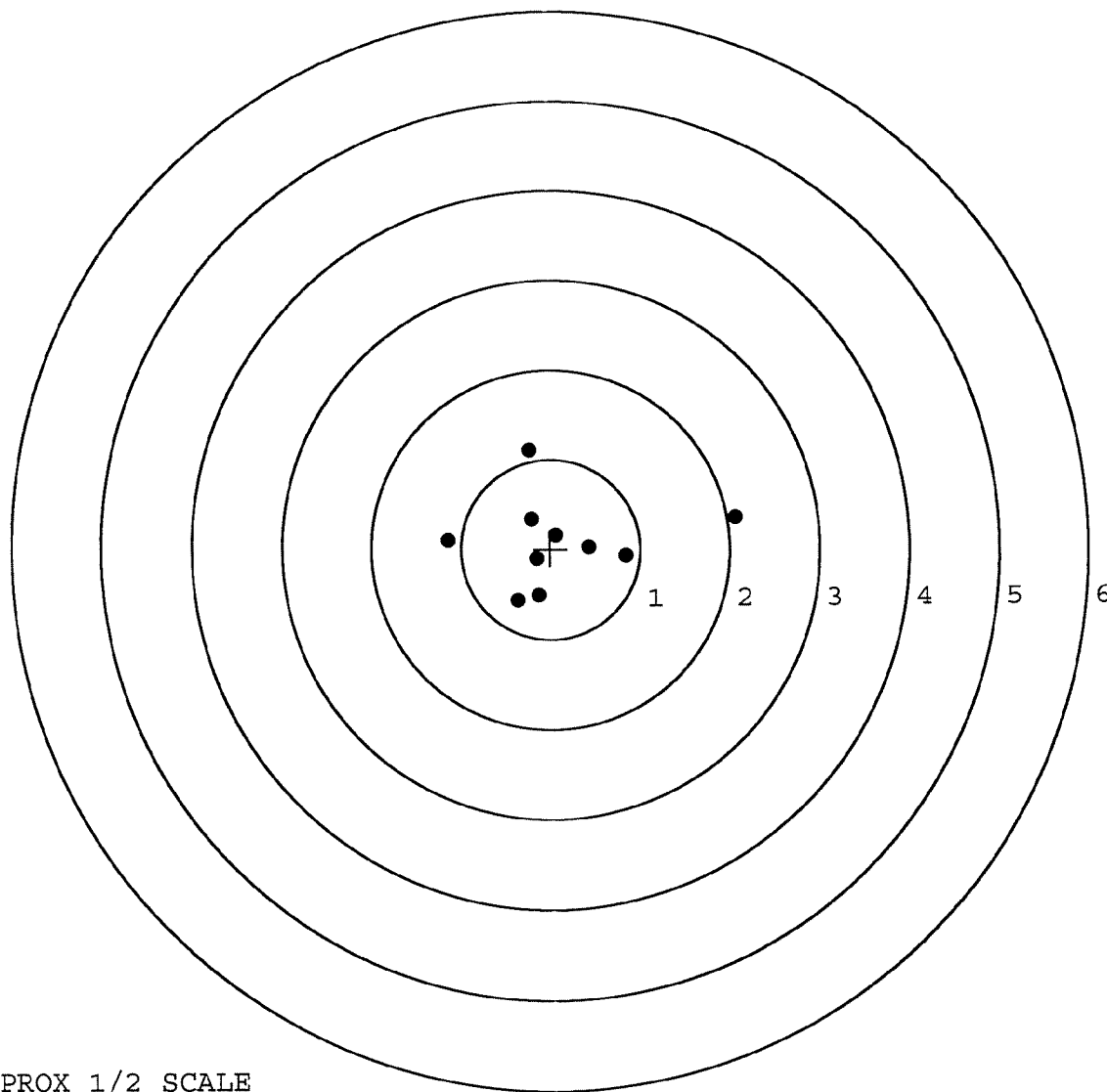
MAX RADIUS: 1.966

MEAN RADIUS: 0.766

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6680281. \_\_0

TARGET NUMBER: 4

FILE DATE: 09/06/2007

FILE TIME: 14:59

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.918  | 0.184  |
| 2:     | 0.873  | 0.678  |
| 3:     | -0.517 | 0.777  |
| 4:     | -0.384 | -0.121 |
| 5:     | -0.958 | -0.312 |
| 6:     | -1.334 | -0.388 |
| 7:     | 0.502  | -0.424 |
| 8:     | 0.453  | -0.081 |
| 9:     | -0.102 | -0.468 |
| 10:    | 0.220  | -0.361 |

X CENTROID: -0.033

Y CENTROID: -0.052

POA TO CENTROID: 0.061

HORZ SPREAD: 2.252

VERT SPREAD: 1.245

GROUP SPREAD: 2.451

MIN RADIUS: 0.358

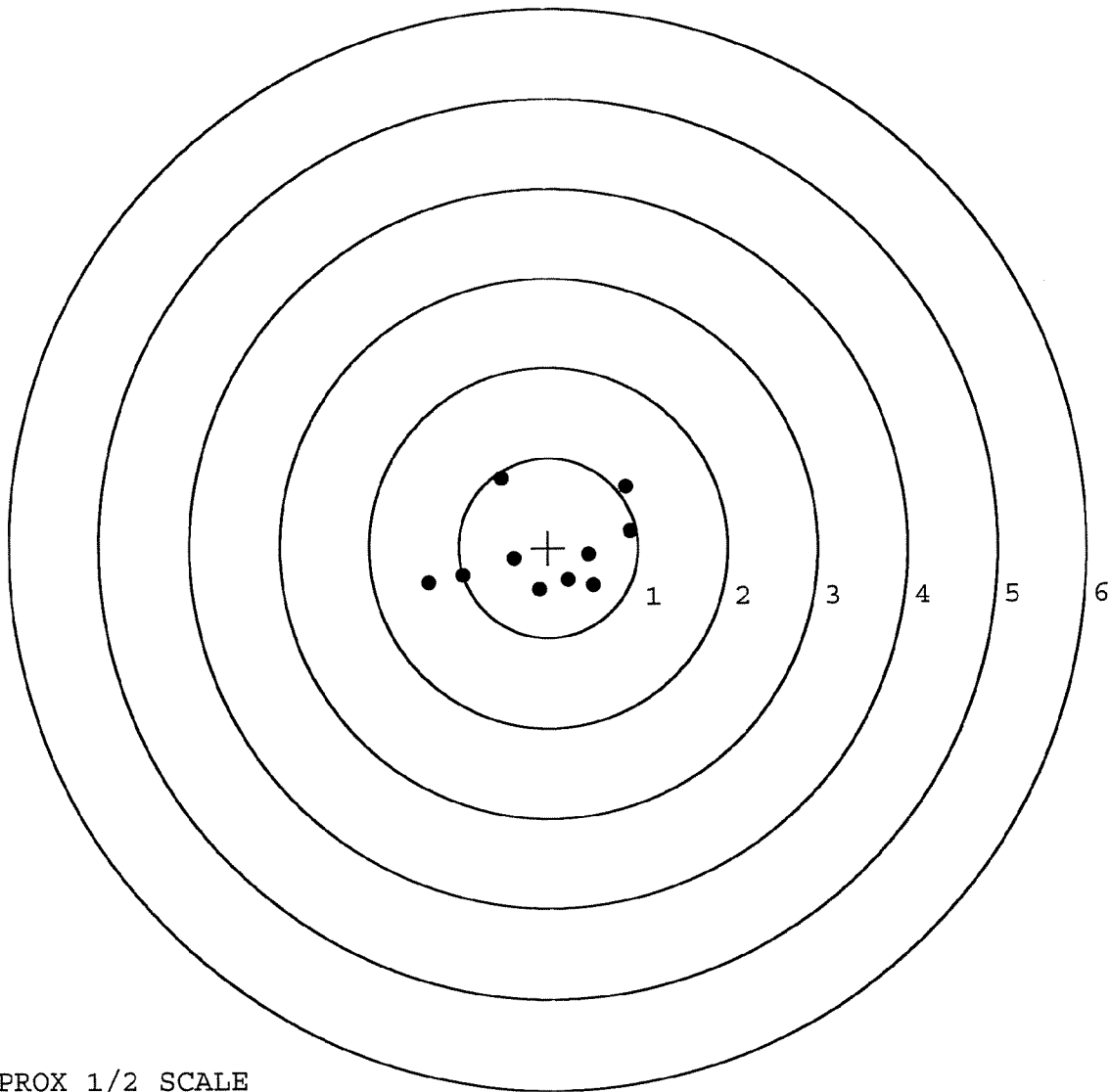
MAX RADIUS: 1.344

MEAN RADIUS: 0.773

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6680281. \_\_0

TARGET NUMBER: 5

FILE DATE: 09/06/2007

FILE TIME: 14:59

X CENTROID: -0.030

Y CENTROID: -0.089

POA TO CENTROID: 0.093

HORZ SPREAD: 1.359

VERT SPREAD: 1.352

GROUP SPREAD: 1.644

MIN RADIUS: 0.149

MAX RADIUS: 0.860

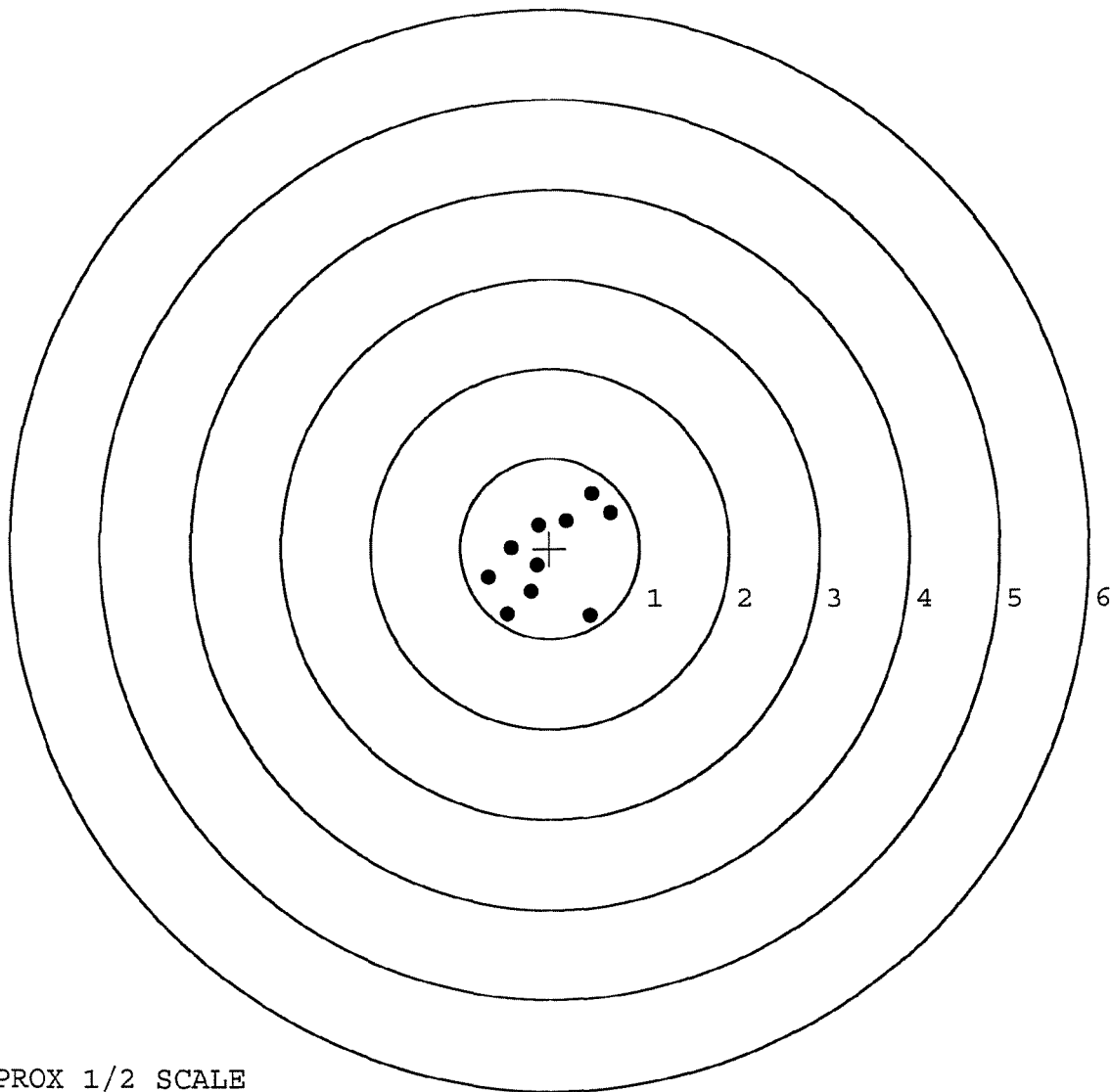
MEAN RADIUS: 0.581

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.452  | -0.741 |
| 2:     | 0.674  | 0.396  |
| 3:     | 0.470  | 0.611  |
| 4:     | 0.182  | 0.303  |
| 5:     | -0.129 | 0.259  |
| 6:     | -0.432 | 0.011  |
| 7:     | -0.140 | -0.189 |
| 8:     | -0.211 | -0.482 |
| 9:     | -0.478 | -0.732 |
| 10:    | -0.685 | -0.321 |



TARGET APPROX 1/2 SCALE