

G6693333

**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



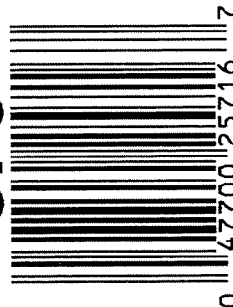
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

**G6693333**

**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 # G6693333

| OP #            | OPERATION NAME                                                                                                                         | READINGS           | DATE     | INITIAL |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------|---------|
| 410             | SERIALIZE BOLT HANDLE                                                                                                                  |                    | 10/9/07  | S.P.D.  |
| 420             | ASSEMBLE ACTION                                                                                                                        |                    | 10-8-07  | SD      |
| 430             | ASSEMBLE TO STOCK                                                                                                                      |                    | 10-8-07  | SD      |
| 440             | PROOF                                                                                                                                  | MAGNA - FLUX       | 10/8/07  | mm      |
| 460             | CHECK HEADSPACE                                                                                                                        |                    | 10/8/07  | mm      |
| 470             | DIS-ASSEMBLE ACTION                                                                                                                    |                    | 10-8-07  | SD      |
| 480             | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR <i>mm</i> | 10/11/07 | mm      |
| 490             | MAGNAFLUX BOLT                                                                                                                         |                    |          |         |
| 500             | ROLLMARK CALIBER                                                                                                                       |                    | 10-10-07 | CW      |
| 510             | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                    | 10-10-07 | TRW     |
| 520             | GOFF BLAST BBL / REC                                                                                                                   |                    | 10-12-07 | dy      |
| 530 &<br>540    | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                    |          |         |
|                 | (BOLT)                                                                                                                                 |                    | 10/12/07 | RB      |
| 560             | RE-ASSEMBLE ACTION                                                                                                                     |                    |          |         |
|                 | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                    | 10/26/07 | S.P.D.  |
|                 | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                    | 10/26/07 | S.P.D.  |
|                 | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                    | 10/26/07 | S.P.D.  |
|                 | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                    | 10/26/07 | S.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> |                    | 10/30/07 | mm      |
| F004 REV 5/2006 |                                                                                                                                        |                    |          |         |

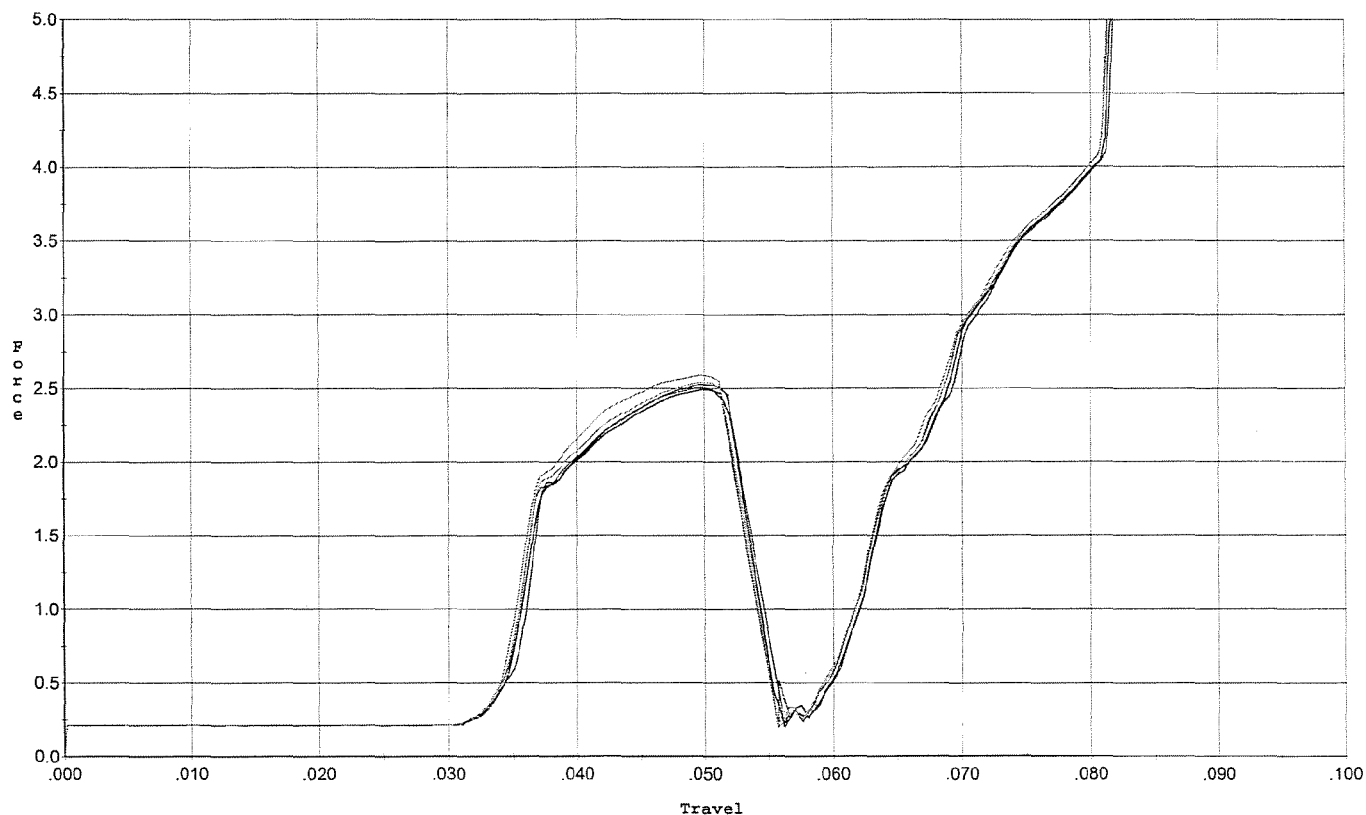
| OP #         | OPERATION NAME                                                                                                          | READINGS                                                                                                                                                                               | DATE     | INITIAL |
|--------------|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|
| 560          | F) SAFETY ON FORCE <span style="border: 1px solid black; padding: 2px;">2 LBS MIN<br/>10 LBS MAX</span>                 | <u>5.5</u> <u>6.0</u> <u>6.0</u>                                                                                                                                                       | 10-30-07 | TRW     |
| CONT.        |                                                                                                                         |                                                                                                                                                                                        |          |         |
|              | G) SAFETY OFF FORCE <span style="border: 1px solid black; padding: 2px;">2 LBS MIN</span>                               | <u>3.5</u> <u>3.75</u> <u>3.75</u>                                                                                                                                                     | 10-30-07 | TRW     |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                                                               |                                                                                                                                                                                        | 10/30/07 | mm      |
|              | I) FIRING PIN INDENT <span style="border: 1px solid black; padding: 2px;">.020 MIN</span>                               | <u>.022</u> <u>.0215</u> <u>.0215</u>                                                                                                                                                  | 10-30-07 | TRW     |
|              | J) ASSEMBLE STOCK                                                                                                       |                                                                                                                                                                                        | 10/30/07 | TRW     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                                                                             |                                                                                                                                                                                        | 10/30/07 | mm      |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                                                                |                                                                                                                                                                                        | 10/30/07 | mm      |
|              | M) IRON SIGHT<br>ALIGNMENT                                                                                              |                                                                                                                                                                                        | 10/30/07 | mm      |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER                                                   |                                                                                                                                                                                        | 10/30/07 | mm      |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                                                                             | <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">PASS</span> FAIL<br><span style="border: 1px solid black; border-radius: 50%; padding: 2px;">PASS</span> FAIL | 10-29-07 | TRW     |
|              | MALFUNCTION OH S50C                                                                                                     | CORRECTION OK                                                                                                                                                                          | 10-30-07 | TRW     |
|              | MALFUNCTION                                                                                                             | CORRECTION                                                                                                                                                                             |          |         |
|              | MALFUNCTION                                                                                                             | CORRECTION                                                                                                                                                                             |          |         |
|              | MALFUNCTION                                                                                                             | CORRECTION                                                                                                                                                                             |          |         |
| 660          | INSPECT FOR LIVE AMMO                                                                                                   |                                                                                                                                                                                        | 10/29/07 | CHS     |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                                                                        |                                                                                                                                                                                        | 10/30/07 | mm      |
|              | B) TRIGGER PULL <span style="border: 1px solid black; padding: 2px;">+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>236</u> <u>263</u> <u>254</u> <u>278</u> <u>280</u>                                                                                                                                 | 10/30/07 | mm      |
|              | C) FUNCTION                                                                                                             |                                                                                                                                                                                        | 10/30/07 | mm      |
| 690          | PACK                                                                                                                    |                                                                                                                                                                                        | 10/31/07 | RA      |

F004 REV 5/2006

## Trigger Profile [ lbs,inch ]

Profile: SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 10/26/07

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



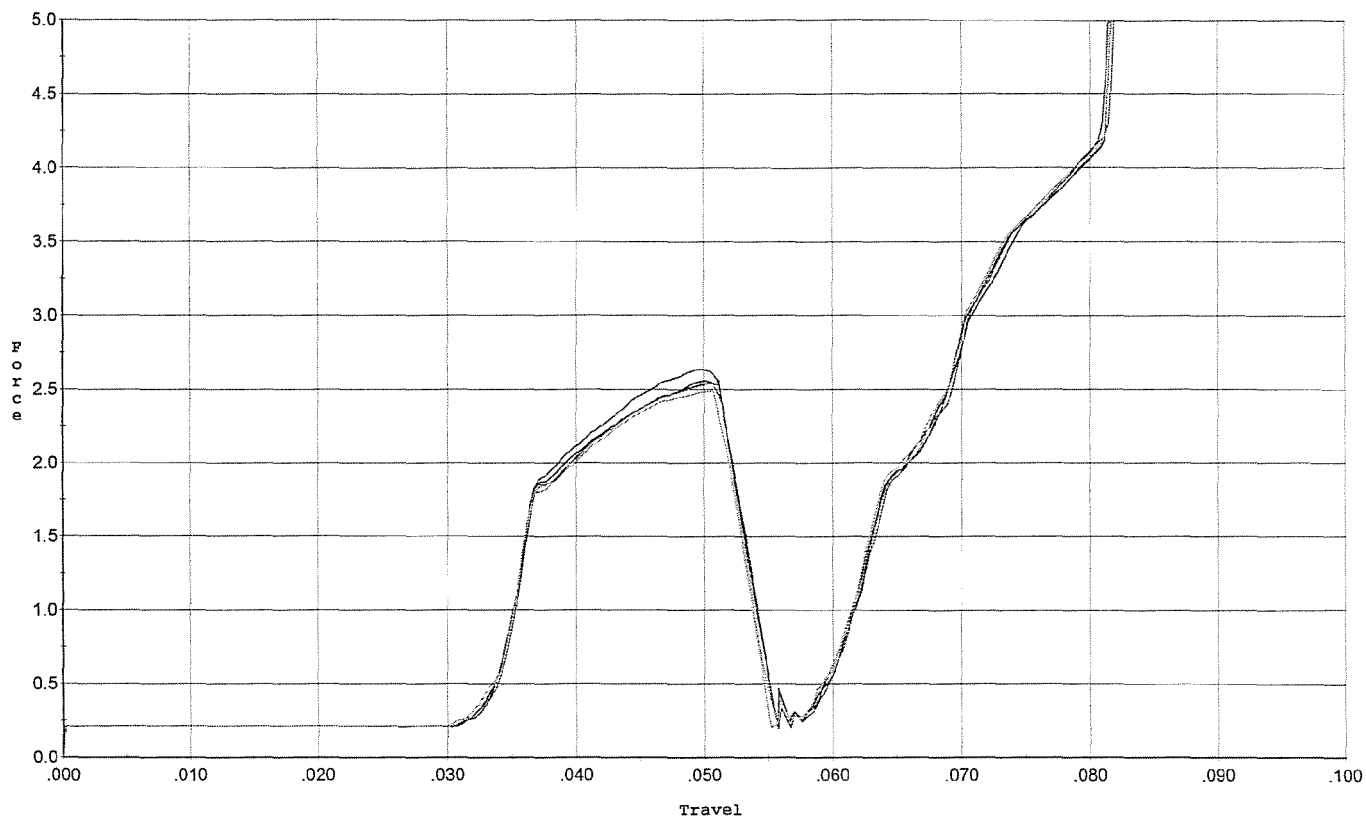
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.526      | 0.052             | 0.034           | 0.035      | 0.045             |           | Set Trigger |
| 2 | 2.493      | 0.052             | 0.034           | 0.035      | 0.046             |           | Set Trigger |
| 3 | 2.502      | 0.051             | 0.033           | 0.035      | 0.045             |           | Set Trigger |
| 4 | 2.540      | 0.053             | 0.033           | 0.035      | 0.047             |           | Set Trigger |
| 5 | 2.591      | 0.053             | 0.033           | 0.034      | 0.048             |           | Set Trigger |

Avg 2.53

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putsch 10/26/07

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



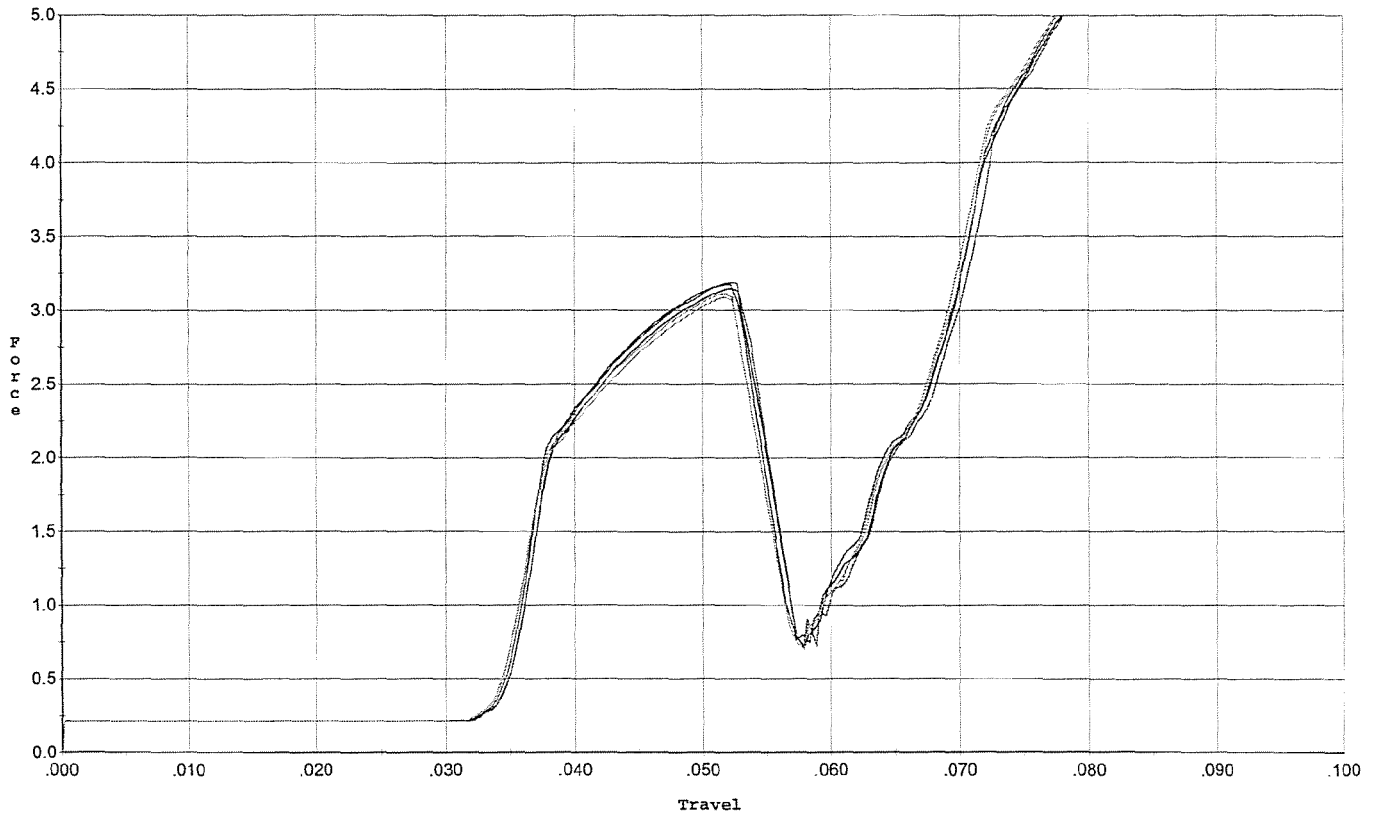
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.638      | 0.051             | 0.033           | 0.035      | 0.047             |           | Set Trigger |
| 2 | 2.558      | 0.051             | 0.033           | 0.035      | 0.046             |           | Set Trigger |
| 3 | 2.545      | 0.053             | 0.033           | 0.035      | 0.047             |           | Set Trigger |
| 4 | 2.488      | 0.052             | 0.033           | 0.035      | 0.046             |           | Set Trigger |
| 5 | 2.542      | 0.051             | 0.033           | 0.035      | 0.046             |           | Set Trigger |

Avg 2.55

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 10/26/07

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



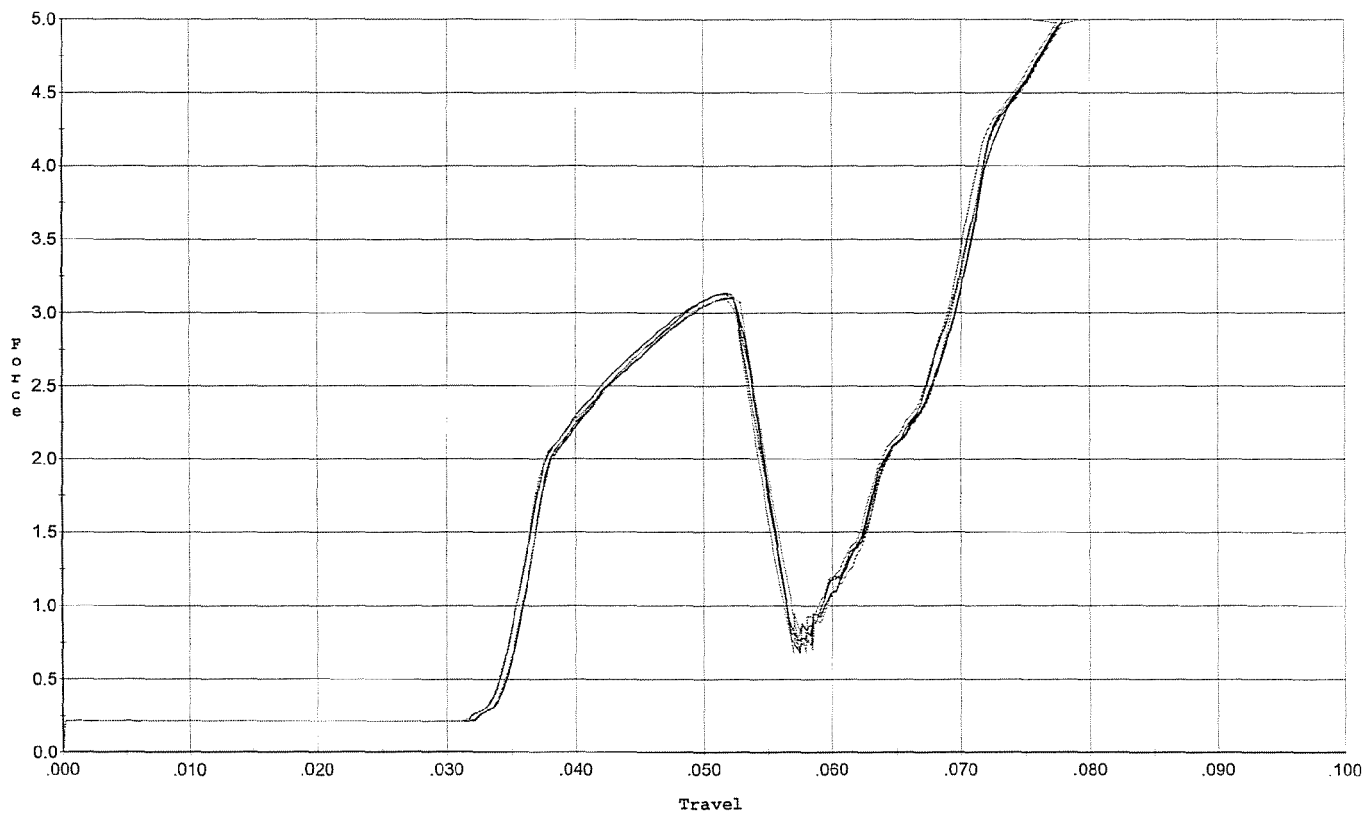
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.177      | 0.053             | 0.034           | 0.034      | 0.056             |           | Set Trigger |
| 2 | 3.148      | 0.055             | 0.034           | 0.034      | 0.057             |           | Set Trigger |
| 3 | 3.187      | 0.054             | 0.034           | 0.034      | 0.057             |           | Set Trigger |
| 4 | 3.091      | 0.054             | 0.034           | 0.034      | 0.056             |           | Set Trigger |
| 5 | 3.117      | 0.052             | 0.034           | 0.034      | 0.054             |           | Set Trigger |

Avg 3.14

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 10/26/07

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



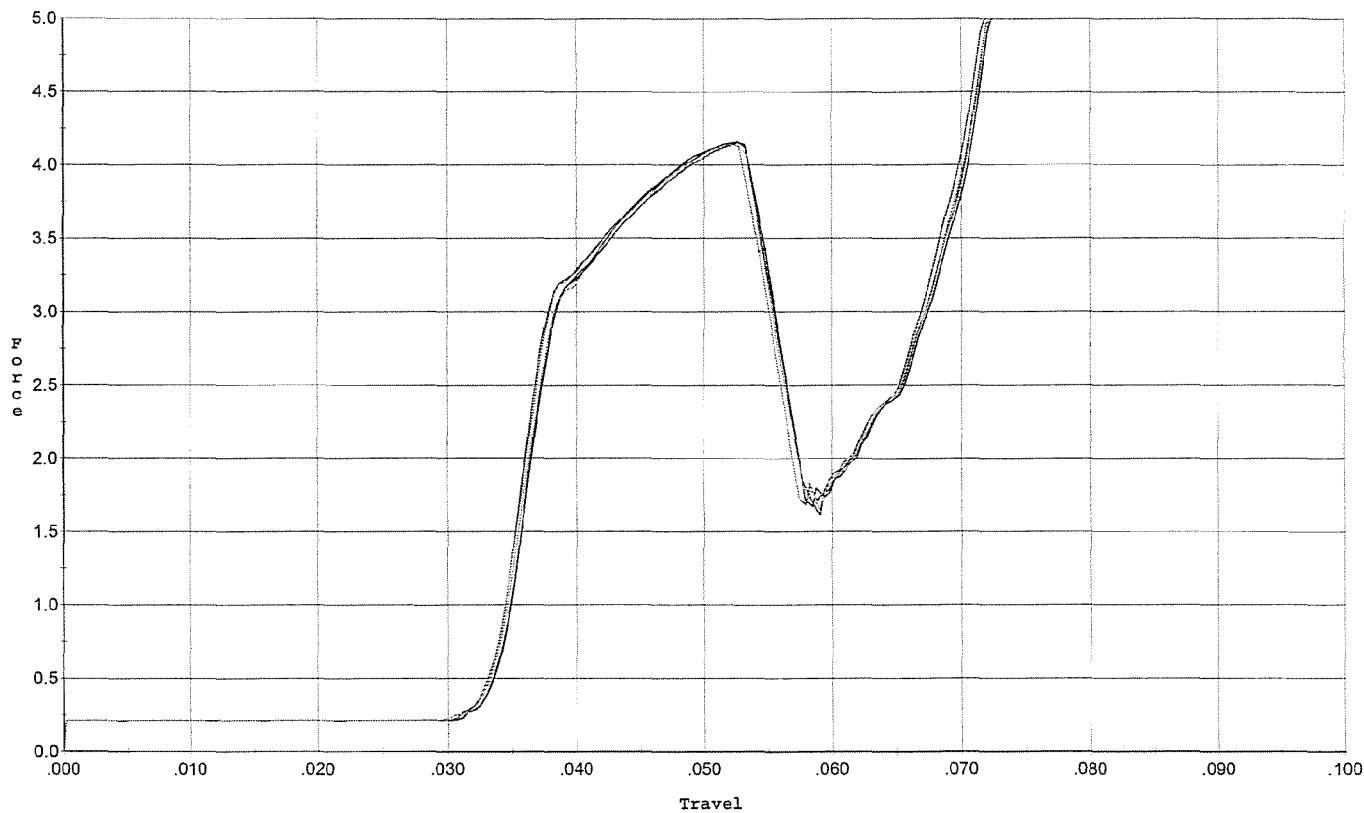
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.126      | 0.054             | 0.034           | 0.034      | 0.055             |           | Set Trigger |
| 2 | 3.099      | 0.053             | 0.034           | 0.034      | 0.055             |           | Set Trigger |
| 3 | 3.136      | 0.054             | 0.034           | 0.034      | 0.057             |           | Set Trigger |
| 4 | 3.116      | 0.053             | 0.034           | 0.034      | 0.055             |           | Set Trigger |
| 5 | 3.093      | 0.052             | 0.033           | 0.034      | 0.054             |           | Set Trigger |

Avg 3.11

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 10/26/07

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



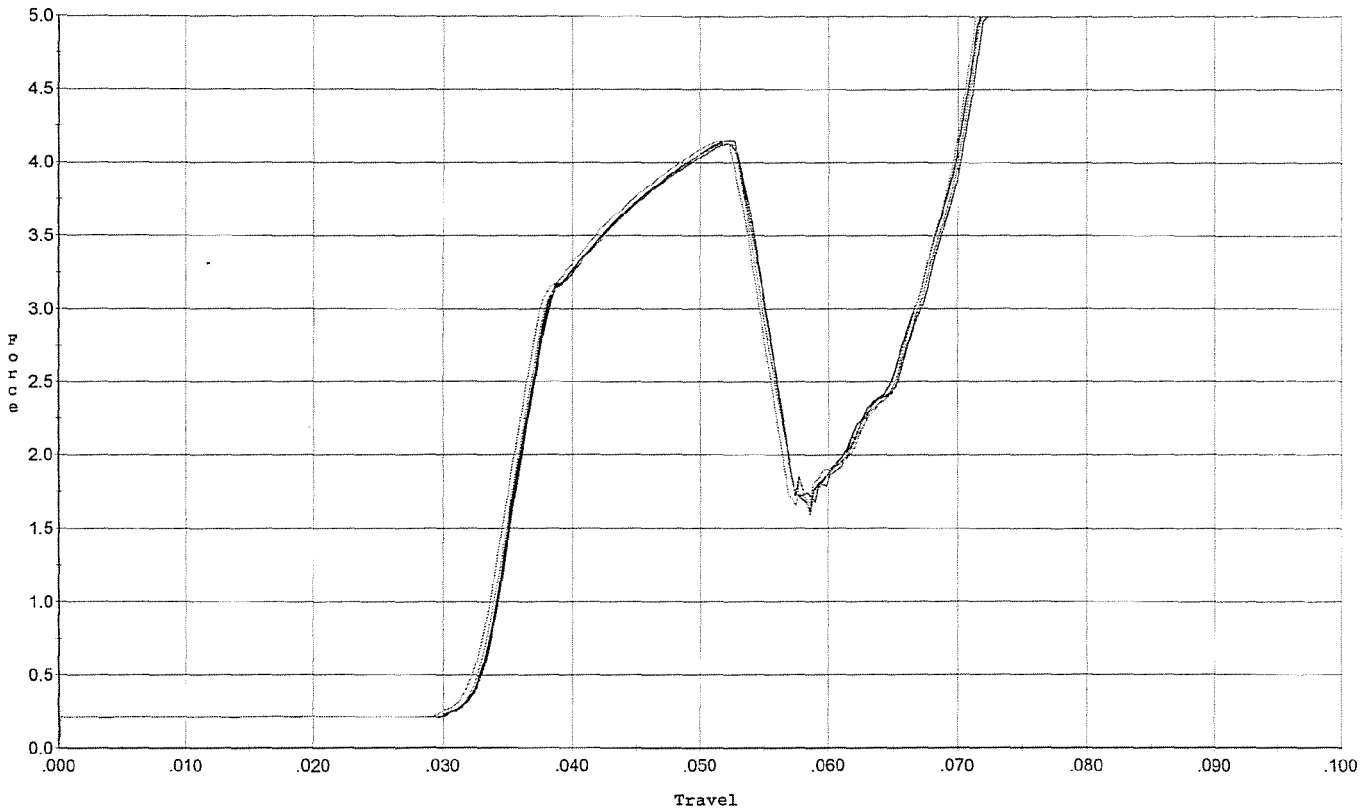
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.158      | 0.055             | 0.033           | 0.029      | 0.080             |           | Set Trigger |
| 2 | 4.152      | 0.055             | 0.033           | 0.029      | 0.079             |           | Set Trigger |
| 3 | 4.150      | 0.054             | 0.033           | 0.029      | 0.079             |           | Set Trigger |
| 4 | 4.139      | 0.054             | 0.032           | 0.029      | 0.079             |           | Set Trigger |
| 5 | 4.137      | 0.053             | 0.033           | 0.030      | 0.076             |           | Set Trigger |

Avg 4.14

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 10/26/07

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



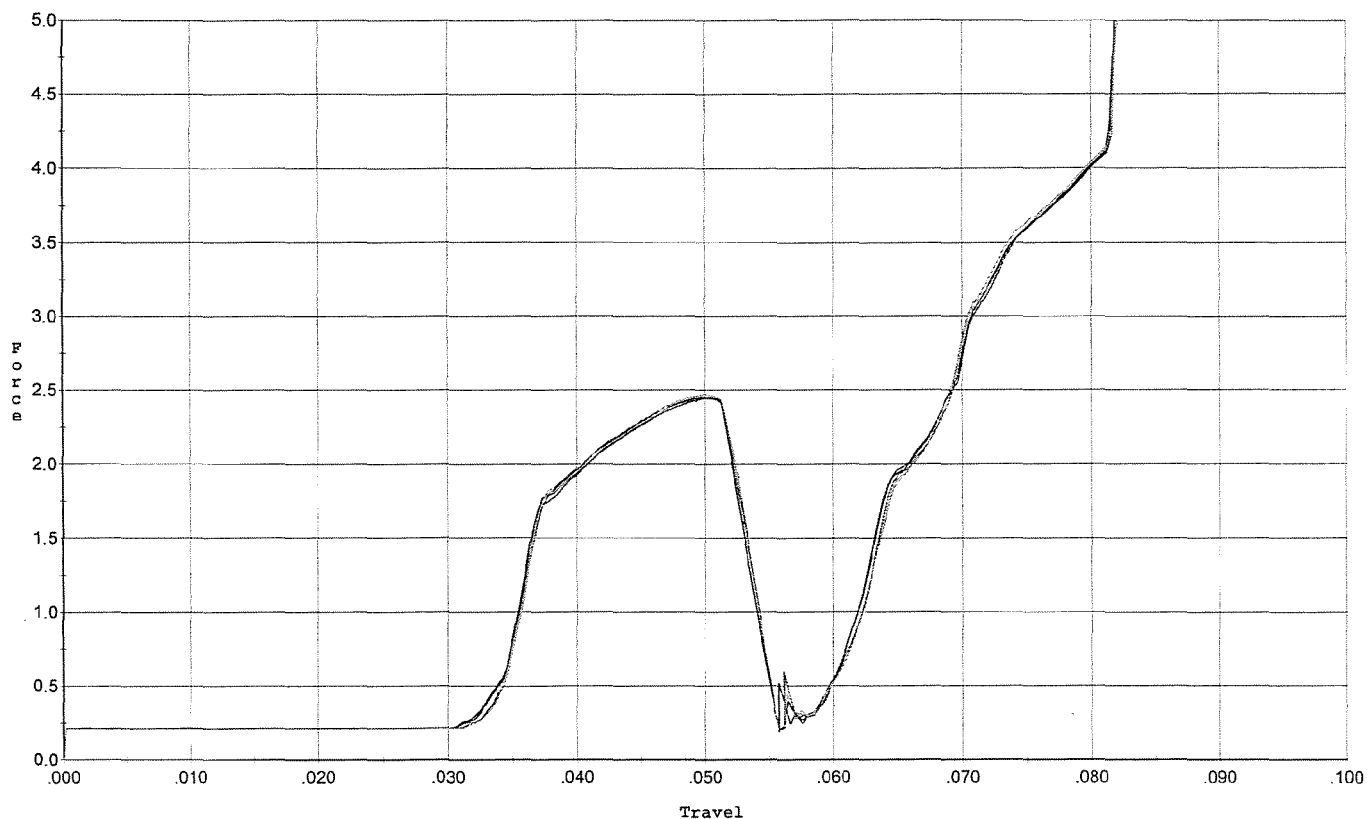
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.155      | 0.054             | 0.032           | 0.029      | 0.078             |           | Set Trigger |
| 2 | 4.139      | 0.053             | 0.032           | 0.029      | 0.076             |           | Set Trigger |
| 3 | 4.131      | 0.054             | 0.033           | 0.029      | 0.079             |           | Set Trigger |
| 4 | 4.151      | 0.054             | 0.032           | 0.029      | 0.078             |           | Set Trigger |
| 5 | 4.139      | 0.053             | 0.032           | 0.029      | 0.076             |           | Set Trigger |

AVG 4.14

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 10/26/07

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



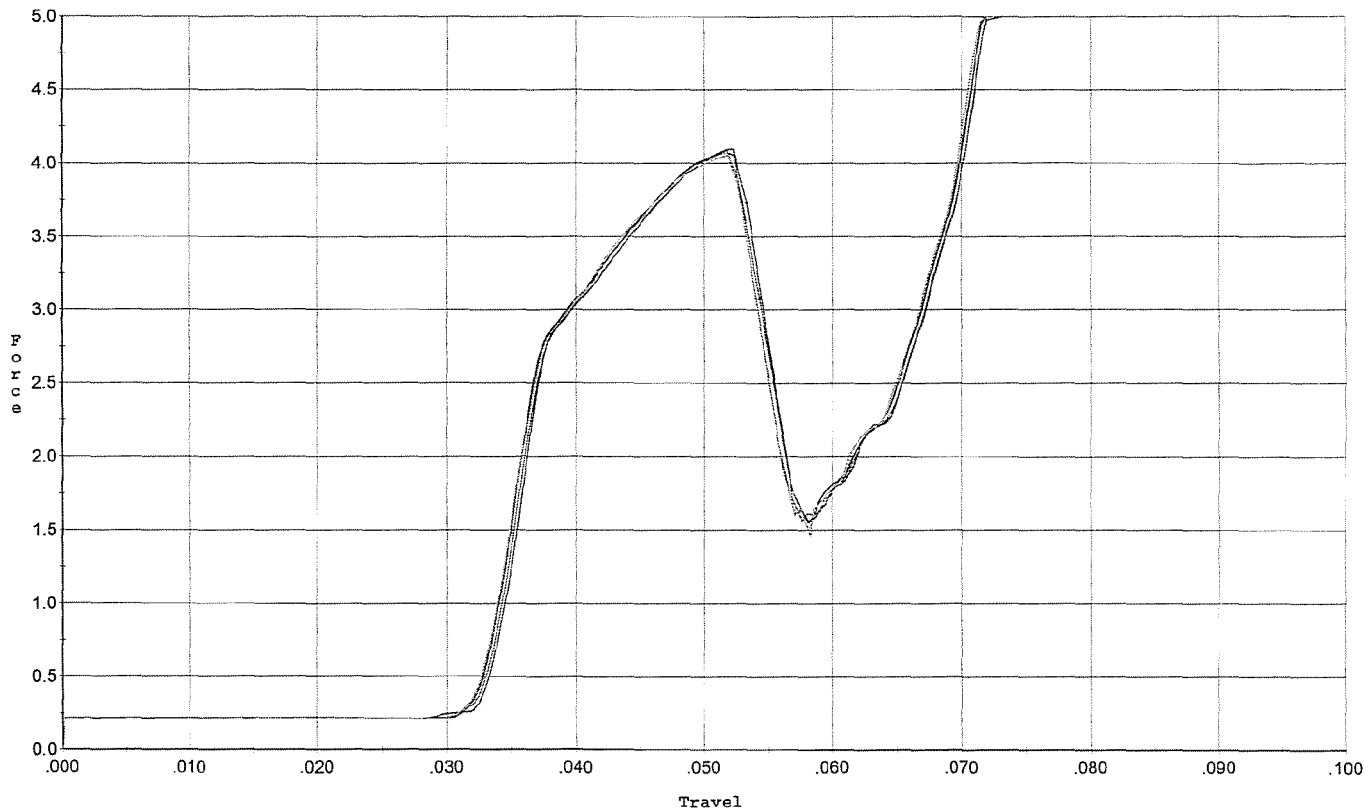
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.444      | 0.053             | 0.033           | 0.035      | 0.046             |           | Set Trigger |
| 2 | 2.452      | 0.051             | 0.033           | 0.035      | 0.044             |           | Set Trigger |
| 3 | 2.442      | 0.053             | 0.034           | 0.035      | 0.045             |           | Set Trigger |
| 4 | 2.461      | 0.053             | 0.034           | 0.035      | 0.045             |           | Set Trigger |
| 5 | 2.468      | 0.053             | 0.034           | 0.035      | 0.046             |           | Set Trigger |

Avg 2.45

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 10/26/07

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 | 4.099      | 0.053             | 0.033           | 0.030      | 0.074             |           | Set Trigger |
| 2 | 4.089      | 0.053             | 0.032           | 0.031      | 0.073             |           | Set Trigger |
| 3 | 4.072      | 0.054             | 0.032           | 0.031      | 0.075             |           | Set Trigger |
| 4 | 4.055      | 0.053             | 0.032           | 0.031      | 0.073             |           | Set Trigger |
| 5 | 4.075      | 0.053             | 0.032           | 0.031      | 0.073             |           | Set Trigger |

Avg 4.07

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6693333.\_\_0

FILE DATE AND TIME: 10/29/2007 09:26

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

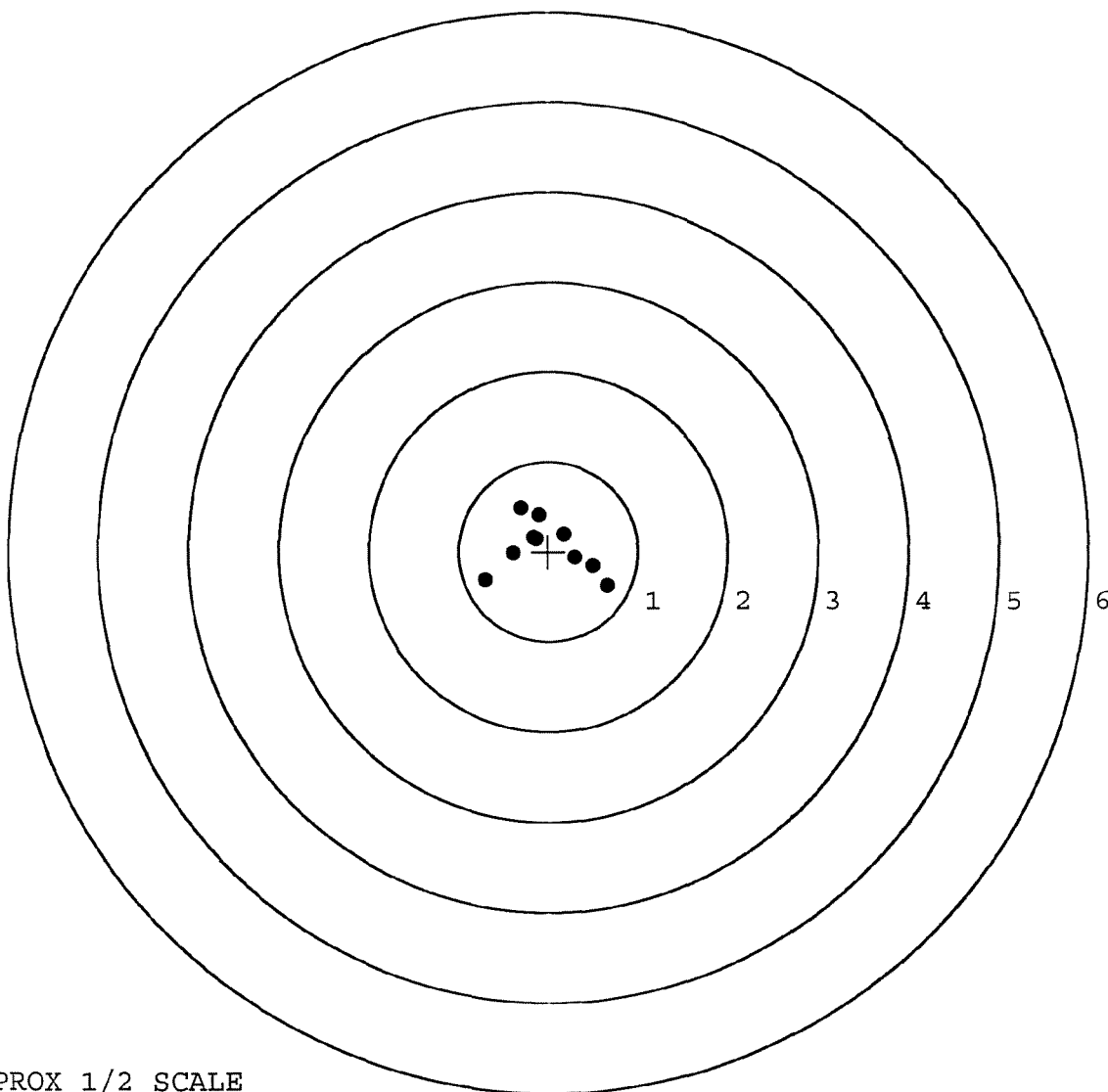
|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.030 |
| The Average Y Centroid of the Five Target Set:              | -0.027 |
| The Average Point of Impact of the Five Target Set:         | 0.040  |
| The Average Mean Radius of the Five Target Set:             | 0.545  |
| The Distance from POA to Centroid Target #1:                | 0.052  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.036  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.142  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.131  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.112  |

**BARBER - M24 0178051**

SERIAL NUMBER: G6693333. \_\_0  
 TARGET NUMBER: 1  
 FILE DATE: 10/29/2007  
 FILE TIME: 09:26

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.657  | -0.384 |
| 2:     | 0.494  | -0.155 |
| 3:     | 0.300  | -0.071 |
| 4:     | 0.172  | 0.200  |
| 5:     | -0.307 | 0.490  |
| 6:     | -0.172 | 0.164  |
| 7:     | -0.389 | -0.017 |
| 8:     | -0.702 | -0.316 |
| 9:     | -0.144 | 0.152  |
| 10:    | -0.107 | 0.413  |

X CENTROID: -0.020  
 Y CENTROID: 0.048  
 POA TO CENTROID: 0.052  
 HORZ SPREAD: 1.359  
 VERT SPREAD: 0.874  
 GROUP SPREAD: 1.361  
 MIN RADIUS: 0.162  
 MAX RADIUS: 0.803  
 MEAN RADIUS: 0.435  
 # IN 1 IN DIAMETER: 6  
 # IN 2 IN DIAMETER: 10  
 # in 3 IN DIAMETER: 10



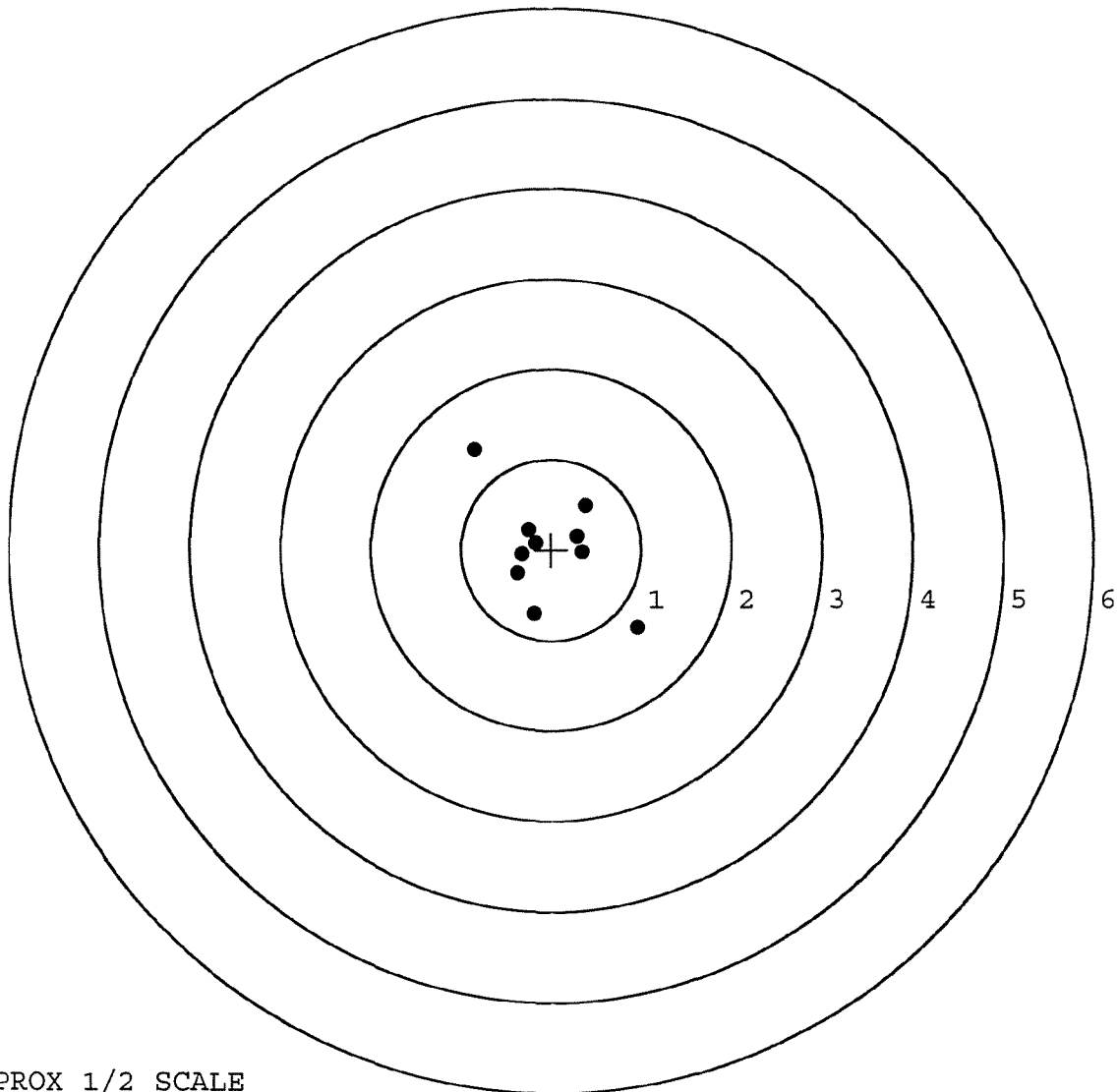
TARGET APPROX 1/2 SCALE

**BARBER - M24 0178052**

SERIAL NUMBER: G6693333. \_\_0  
 TARGET NUMBER: 2  
 FILE DATE: 10/29/2007  
 FILE TIME: 09:26

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.959  | -0.861 |
| 2:     | -0.193 | -0.707 |
| 3:     | -0.852 | 1.106  |
| 4:     | 0.374  | 0.487  |
| 5:     | 0.281  | 0.148  |
| 6:     | 0.342  | -0.033 |
| 7:     | -0.248 | 0.222  |
| 8:     | -0.169 | 0.077  |
| 9:     | -0.325 | -0.059 |
| 10:    | -0.377 | -0.261 |

X CENTROID: -0.021  
 Y CENTROID: 0.012  
 POA TO CENTROID: 0.024  
 HORZ SPREAD: 1.811  
 VERT SPREAD: 1.967  
 GROUP SPREAD: 2.674  
 MIN RADIUS: 0.162  
 MAX RADIUS: 1.374  
 MEAN RADIUS: 0.597  
 # IN 1 IN DIAMETER: 6  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 10



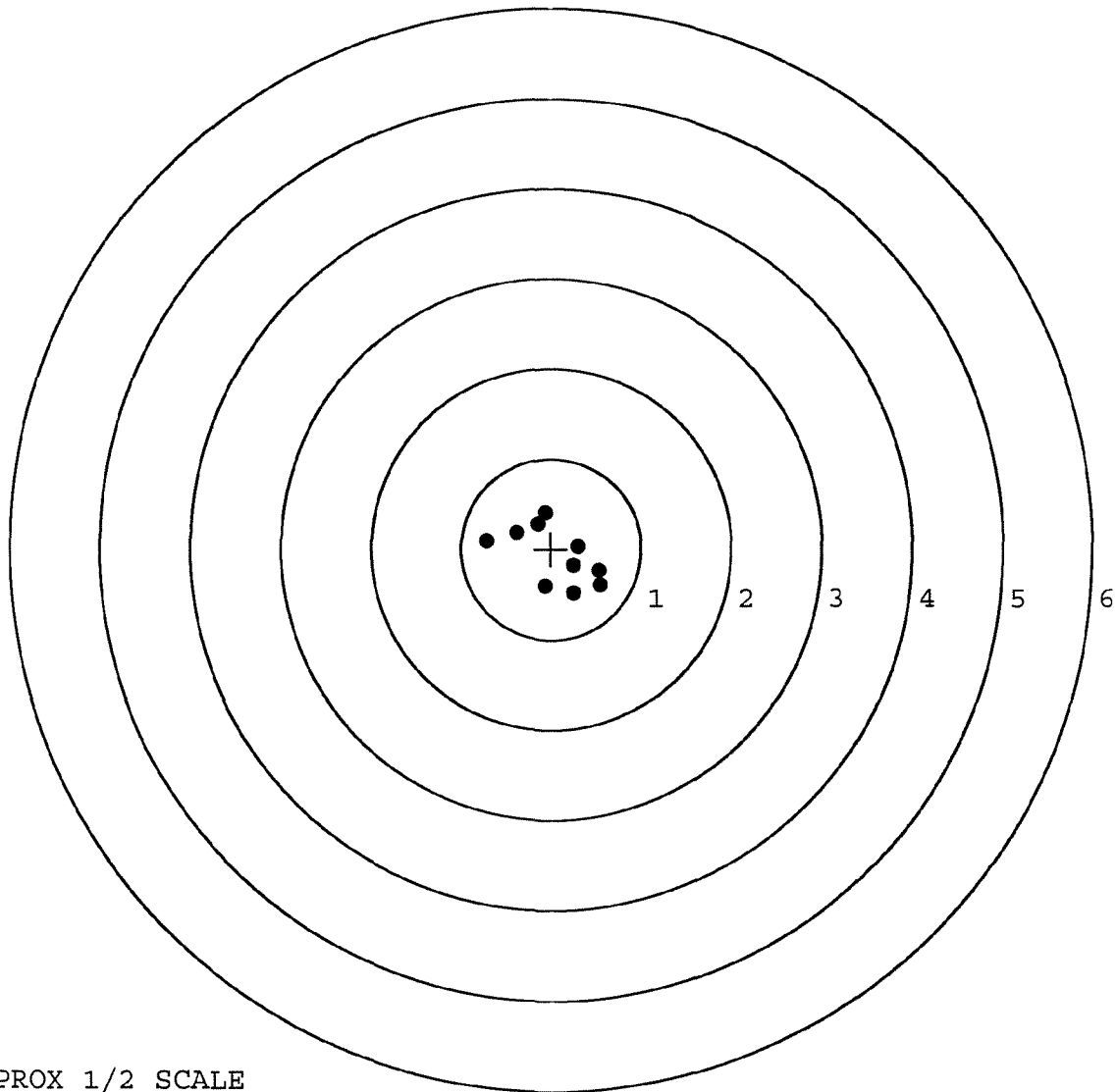
TARGET APPROX 1/2 SCALE

**BARBER - M24 0178053**

SERIAL NUMBER: G6693333. \_\_0  
 TARGET NUMBER: 3  
 FILE DATE: 10/29/2007  
 FILE TIME: 09:26

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.544  | -0.404 |
| 2:     | 0.528  | -0.241 |
| 3:     | 0.247  | -0.185 |
| 4:     | 0.247  | -0.491 |
| 5:     | -0.067 | -0.414 |
| 6:     | 0.305  | 0.032  |
| 7:     | -0.067 | 0.397  |
| 8:     | -0.149 | 0.277  |
| 9:     | -0.390 | 0.179  |
| 10:    | -0.714 | 0.084  |

X CENTROID: 0.048  
 Y CENTROID: -0.077  
 POA TO CENTROID: 0.091  
 HORZ SPREAD: 1.258  
 VERT SPREAD: 0.888  
 GROUP SPREAD: 1.349  
 MIN RADIUS: 0.226  
 MAX RADIUS: 0.779  
 MEAN RADIUS: 0.460  
 # IN 1 IN DIAMETER: 6  
 # IN 2 IN DIAMETER: 10  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0178054**

SERIAL NUMBER: G6693333. \_\_0

TARGET NUMBER: 4

FILE DATE: 10/29/2007

FILE TIME: 09:26

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.465  | -0.853 |
| 2:     | 0.564  | 0.085  |
| 3:     | 0.286  | 0.793  |
| 4:     | 0.012  | 0.532  |
| 5:     | 0.064  | 0.188  |
| 6:     | -0.605 | 0.265  |
| 7:     | -0.471 | -0.964 |
| 8:     | -0.344 | -0.377 |
| 9:     | -0.564 | -0.150 |
| 10:    | -0.267 | -0.179 |

X CENTROID: -0.086

Y CENTROID: -0.066

POA TO CENTROID: 0.108

HORZ SPREAD: 1.169

VERT SPREAD: 1.757

GROUP SPREAD: 1.913

MIN RADIUS: 0.213

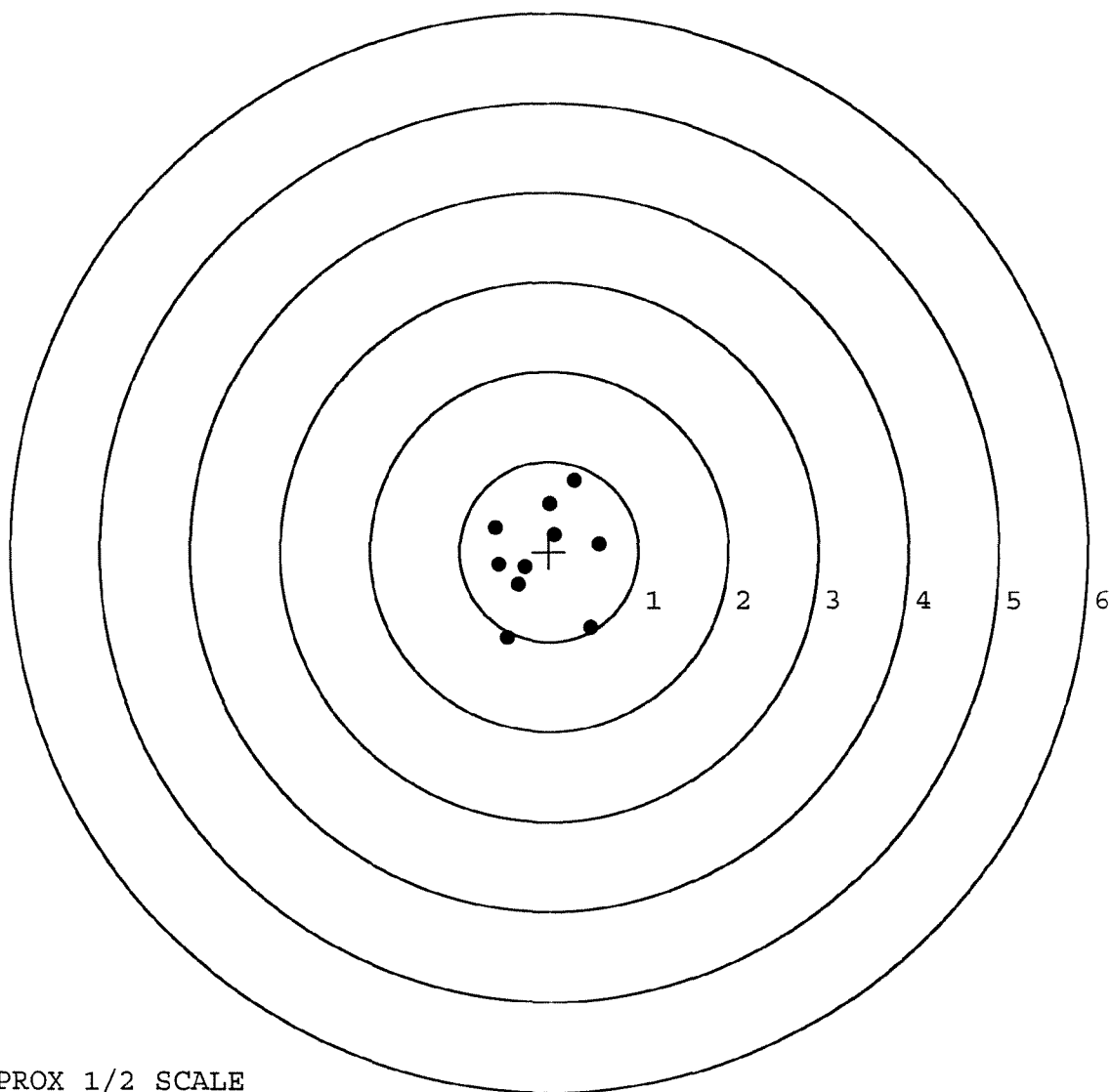
MAX RADIUS: 0.977

MEAN RADIUS: 0.616

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



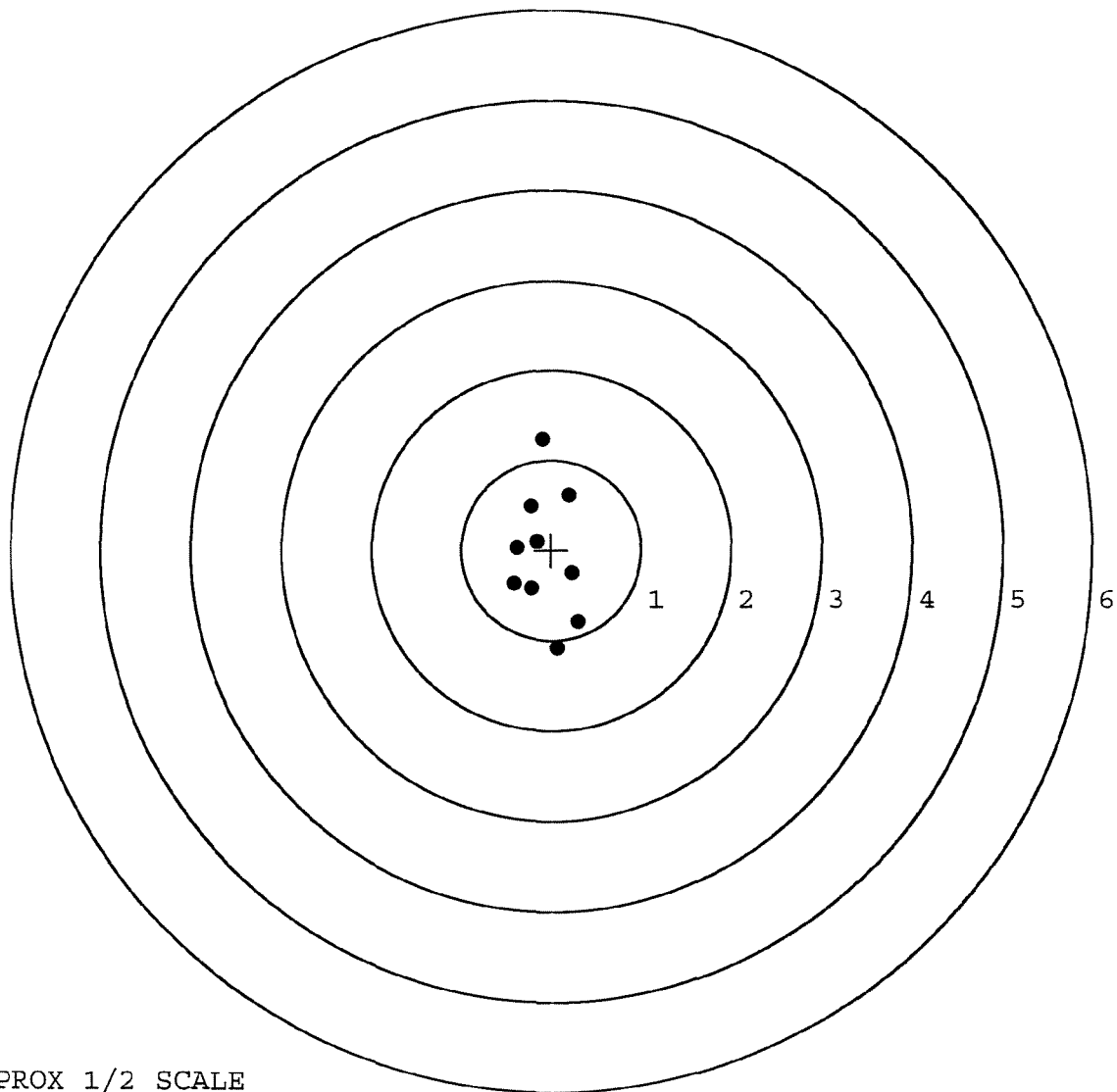
TARGET APPROX 1/2 SCALE

**BARBER - M24 0178055**

SERIAL NUMBER: G6693333. \_\_0  
 TARGET NUMBER: 5  
 FILE DATE: 10/29/2007  
 FILE TIME: 09:26

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.066  | -1.088 |
| 2:     | 0.299  | -0.797 |
| 3:     | 0.229  | -0.259 |
| 4:     | -0.221 | -0.432 |
| 5:     | -0.419 | -0.375 |
| 6:     | -0.382 | 0.021  |
| 7:     | -0.163 | 0.098  |
| 8:     | 0.200  | 0.608  |
| 9:     | -0.232 | 0.481  |
| 10:    | -0.098 | 1.229  |

X CENTROID: -0.072  
 Y CENTROID: -0.051  
 POA TO CENTROID: 0.089  
 HORZ SPREAD: 0.718  
 VERT SPREAD: 2.317  
 GROUP SPREAD: 2.323  
 MIN RADIUS: 0.175  
 MAX RADIUS: 1.281  
 MEAN RADIUS: 0.617  
 # IN 1 IN DIAMETER: 5  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE