

G 669 1394

**M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)**  
**BOLT ACTION CENTERFIRE RIFLE**  
**24" BARREL 7.62 NATO**

- INSTRUCTION BOOK 3518

proof of purchase



owner registration sticker



BM FORM

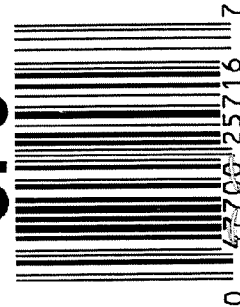
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

**G6691394**

**UPC**



**ORDER 25716**

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

**UPC**



0 47700 25716 7

**ORDER 25716**

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

**UPC**



0 47700 25716 7

SERIAL NO.



66691394

GUN SERIAL # G6691394

| OP #         | OPERATION NAME                                                 | READINGS            | DATE     | INITIAL |
|--------------|----------------------------------------------------------------|---------------------|----------|---------|
| 410          | SERIALIZE BOLT HANDLE                                          |                     | 9-24-07  | RTZ     |
| 420          | ASSEMBLE ACTION                                                |                     | 9-24-07  | RTZ     |
| 430          | ASSEMBLE TO STOCK                                              |                     | 9-24-07  | SD      |
| 440          | PROOF                                                          |                     | 9/24/07  | mm      |
| 460          | CHECK HEADSPACE                                                |                     | 9/24/07  | mm      |
| 470          | DIS-ASSEMBLE ACTION                                            |                     | 9-24-07  | SD      |
| 480          | MAGNAFLUX BBL ACTION                                           |                     | 9/25/07  | mm      |
| 490          | MAGNAFLUX BOLT                                                 |                     |          |         |
| 500          | ROLLMARK CALIBER                                               |                     | 9-25-07  | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                   |                     | 9-25-07  | Fm      |
| 520          | GOFF BLAST BBL / REC                                           |                     | 9-25-07  | (LS)    |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                              |                     |          |         |
|              | (BOLT)                                                         |                     | 9/25/07  | FB      |
| 560          | RE-ASSEMBLE ACTION                                             |                     |          |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                            |                     | 10-3-07  | SD      |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD |                     | 10-3-07  | SD      |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                         |                     | 10-3-07  | SD      |
|              | D) OIL FIRING PIN ASSEMBLY                                     |                     | 10/4/07  | mm      |
|              | E) ADJUST TRIGGER PULL<br>TO MIN. SETTING AND<br>STAKE         | 2.50 LBS +/- .5 LBS | 10/10/07 | mm      |

F004 REV 5/2006

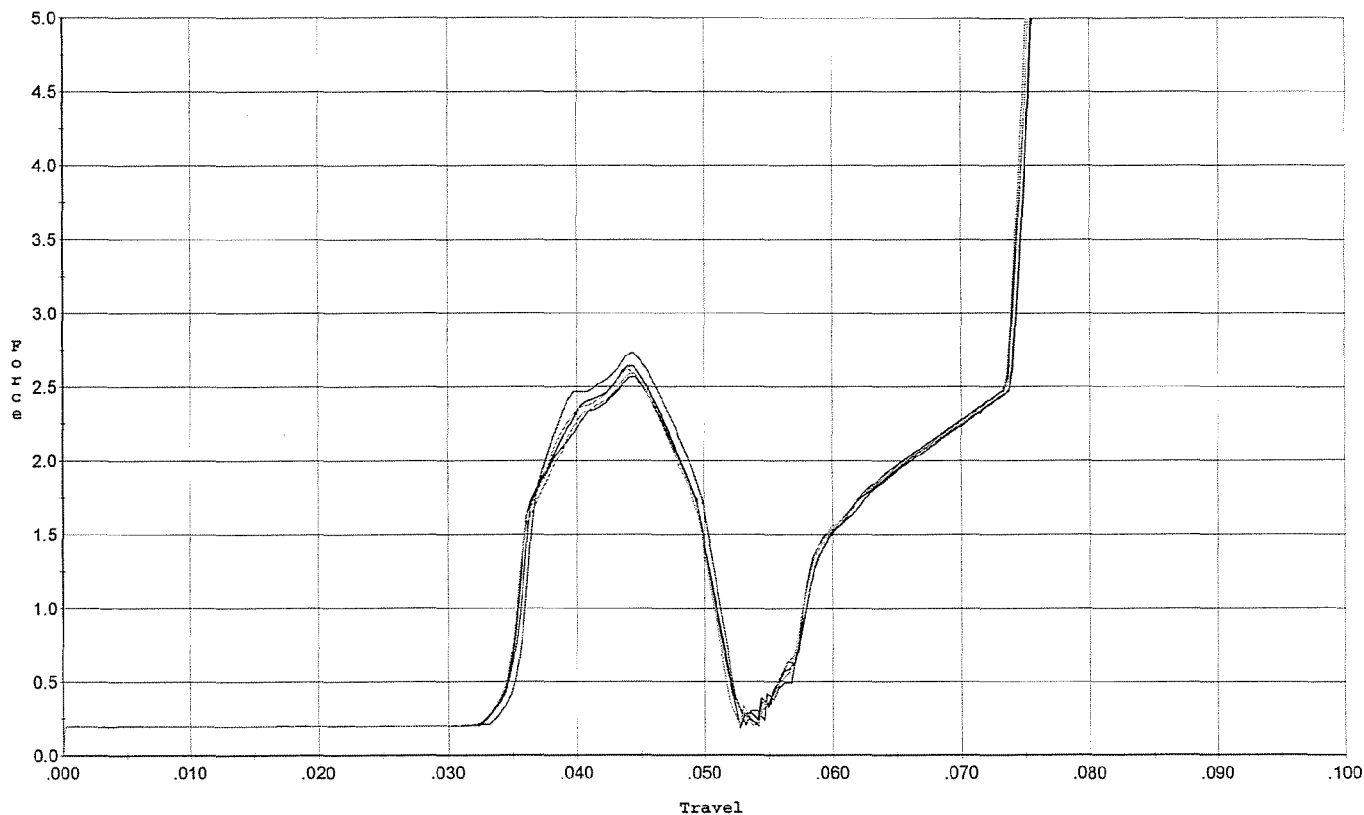
| OP #         | OPERATION NAME                                                           | READINGS                             | DATE     | INITIAL |
|--------------|--------------------------------------------------------------------------|--------------------------------------|----------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | 7.0 7.0 6.0                          | 10/8/07  | MMH     |
| CONT.        |                                                                          |                                      |          |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | 5.5 5.0 6.0                          | 10/8/07  | MMH     |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                      | 10/8/07  | MMH     |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | .024 .023 .023                       | 10/8/07  | MMH     |
|              | J) ASSEMBLE STOCK                                                        |                                      | 10/4/07  | J.P.D.  |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                      | 10/8/07  | MMH     |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                      | 10/10/07 | MMH     |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                      | 10/10/07 | MMH     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                      | 10/10/07 | MMH     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL | 10/5/07  | MMH     |
|              | MALFUNCTION                                                              | CORRECTION                           |          |         |
|              | MALFUNCTION                                                              | CORRECTION                           |          |         |
|              | MALFUNCTION                                                              | CORRECTION                           |          |         |
|              | MALFUNCTION                                                              | CORRECTION                           |          |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                      | 10-5-07  | SD      |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                      | 10/8/07  | MMH     |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | 2.60 2.33 2.49 2.14 2.42             | 10/8/07  | MMH     |
|              | C) FUNCTION                                                              |                                      | 10/8/07  | MMH     |
| 690          | PACK                                                                     |                                      | 10/10/07 | MMH     |

F004 REV 5/2006

## Trigger Profile [ lbs,inch ]

Profile: SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 10/2/07

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



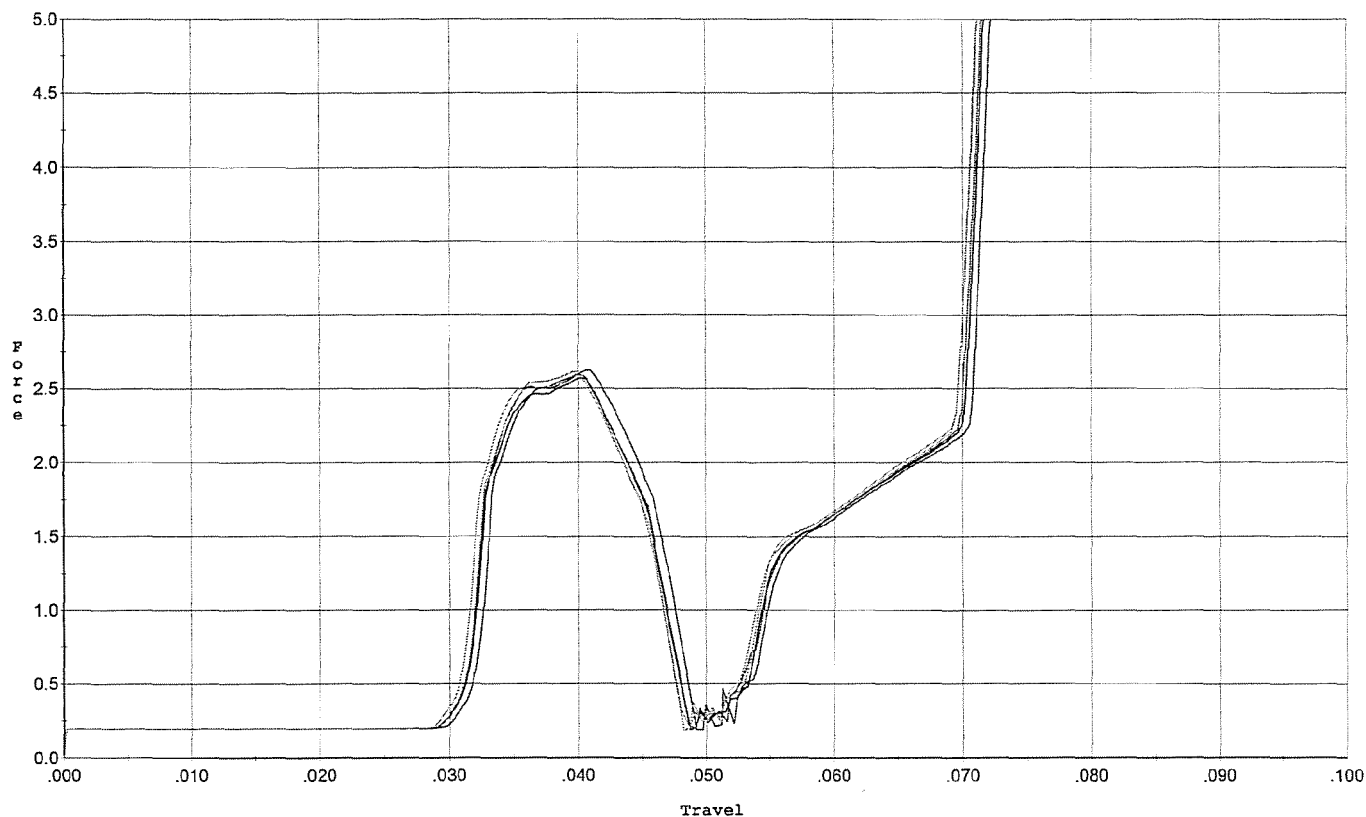
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.569      | 0.049             | 0.034           | 0.033      | 0.038             |           | Set Trigger |
| 2 | 2.642      | 0.049             | 0.034           | 0.033      | 0.039             |           | Set Trigger |
| 3 | 2.732      | 0.050             | 0.034           | 0.033      | 0.040             |           | Set Trigger |
| 4 | 2.620      | 0.050             | 0.034           | 0.033      | 0.039             |           | Set Trigger |
| 5 | 2.587      | 0.049             | 0.034           | 0.033      | 0.039             |           | Set Trigger |

AVG 2.63

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 10/2/07

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



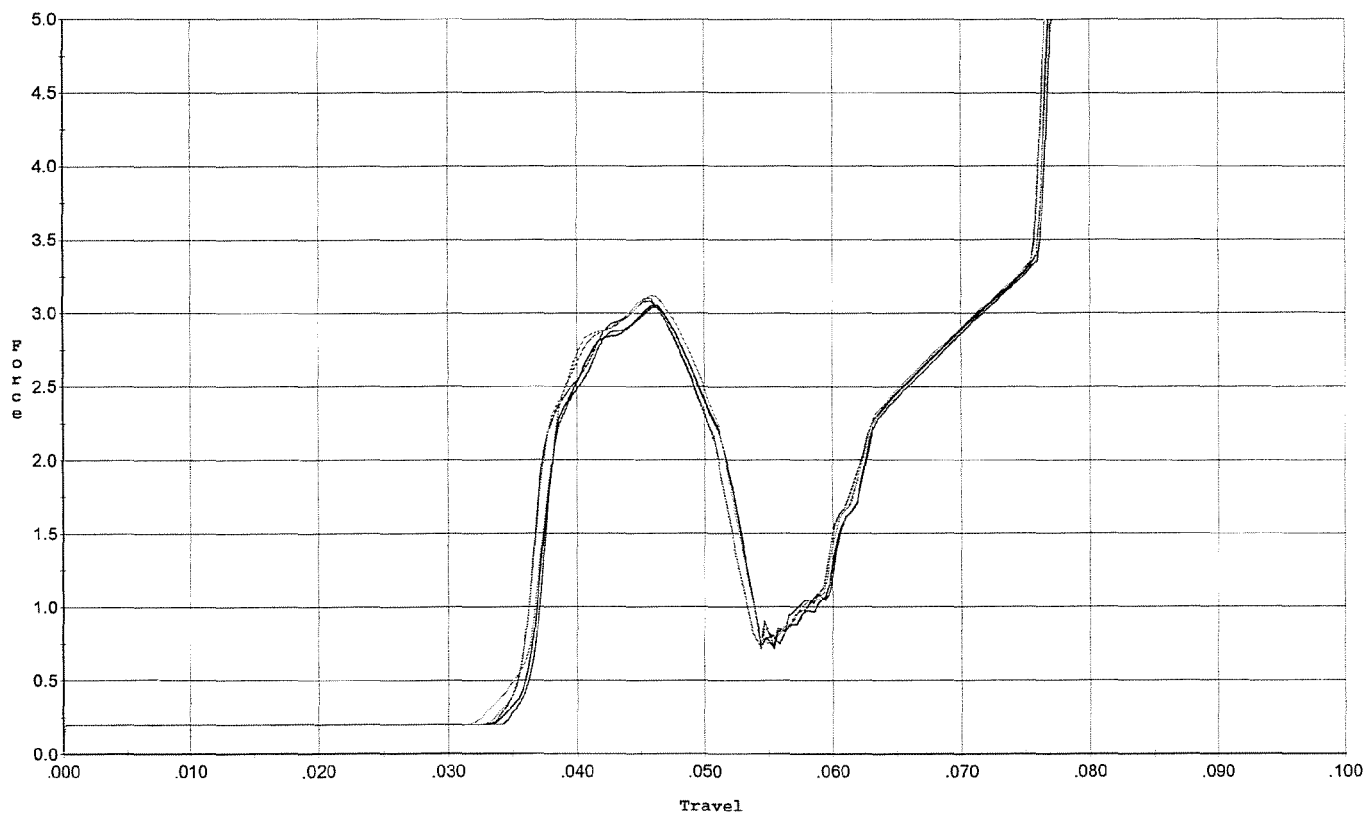
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.622      | 0.047             | 0.031           | 0.032      | 0.039             |           | Set Trigger |
| 2 | 2.572      | 0.045             | 0.031           | 0.032      | 0.037             |           | Set Trigger |
| 3 | 2.597      | 0.045             | 0.030           | 0.032      | 0.038             |           | Set Trigger |
| 4 | 2.593      | 0.046             | 0.030           | 0.032      | 0.039             |           | Set Trigger |
| 5 | 2.615      | 0.046             | 0.030           | 0.032      | 0.038             |           | Set Trigger |

AVG 2.60

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 10/2/07

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



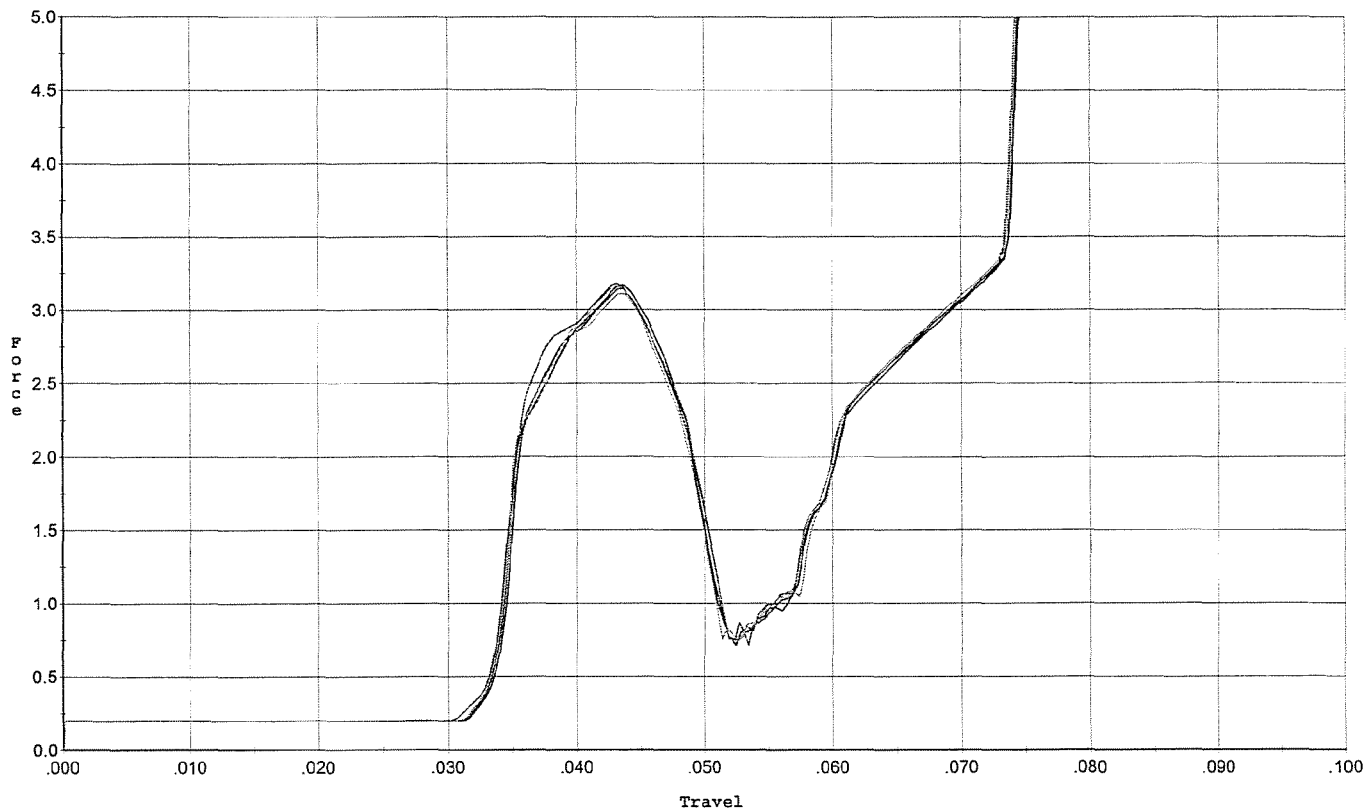
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.041      | 0.052             | 0.035           | 0.032      | 0.047             |           | Set Trigger |
| 2 | 3.050      | 0.052             | 0.036           | 0.031      | 0.048             |           | Set Trigger |
| 3 | 3.084      | 0.051             | 0.035           | 0.032      | 0.047             |           | Set Trigger |
| 4 | 3.121      | 0.051             | 0.036           | 0.032      | 0.048             |           | Set Trigger |
| 5 | 3.100      | 0.051             | 0.035           | 0.032      | 0.047             |           | Set Trigger |

AVG 3.07

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 10/2/07

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



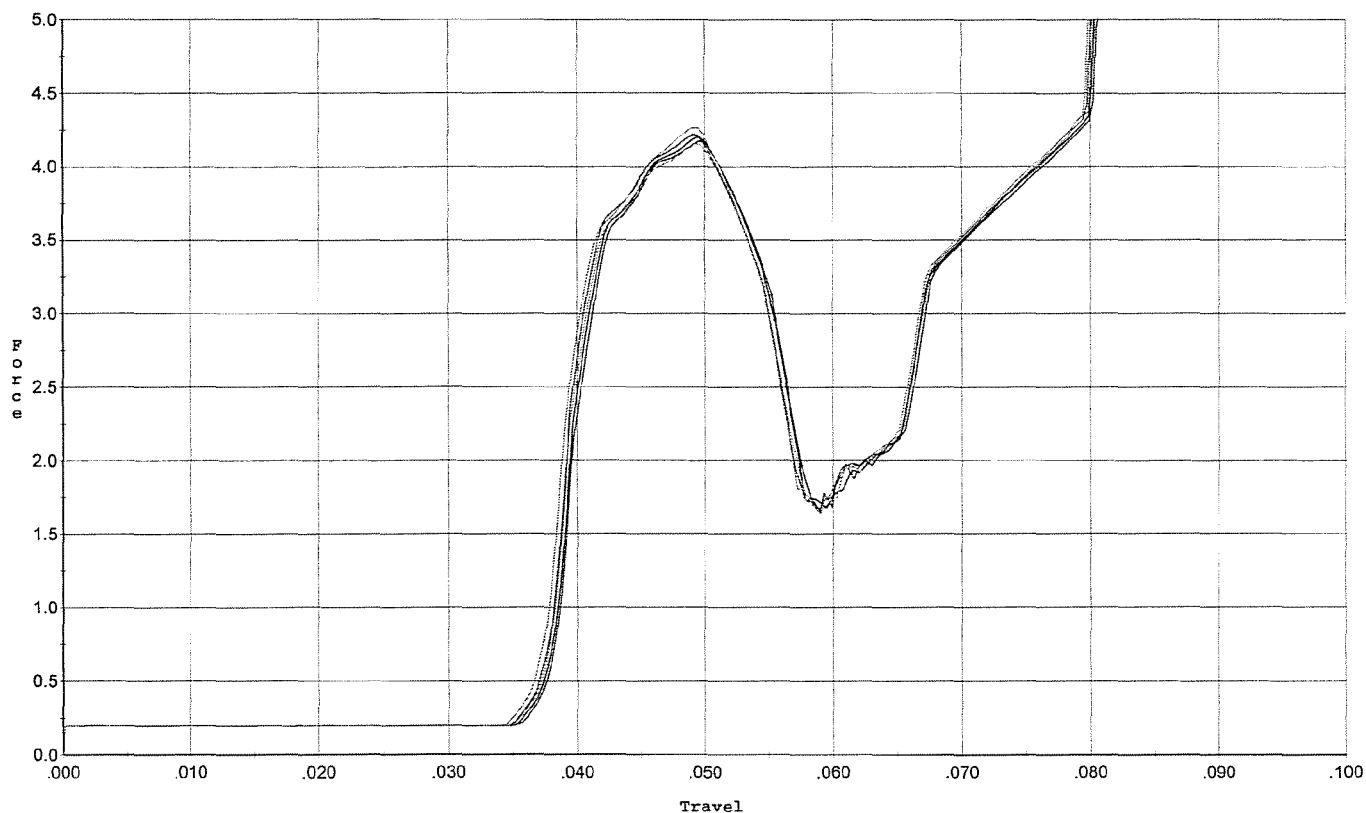
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.140      | 0.049             | 0.033           | 0.032      | 0.046             |           | Set Trigger |
| 2 | 3.171      | 0.050             | 0.033           | 0.032      | 0.048             |           | Set Trigger |
| 3 | 3.181      | 0.049             | 0.033           | 0.032      | 0.048             |           | Set Trigger |
| 4 | 3.166      | 0.049             | 0.032           | 0.032      | 0.047             |           | Set Trigger |
| 5 | 3.107      | 0.050             | 0.033           | 0.031      | 0.048             |           | Set Trigger |

AVG 3.15

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 10/2/07

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



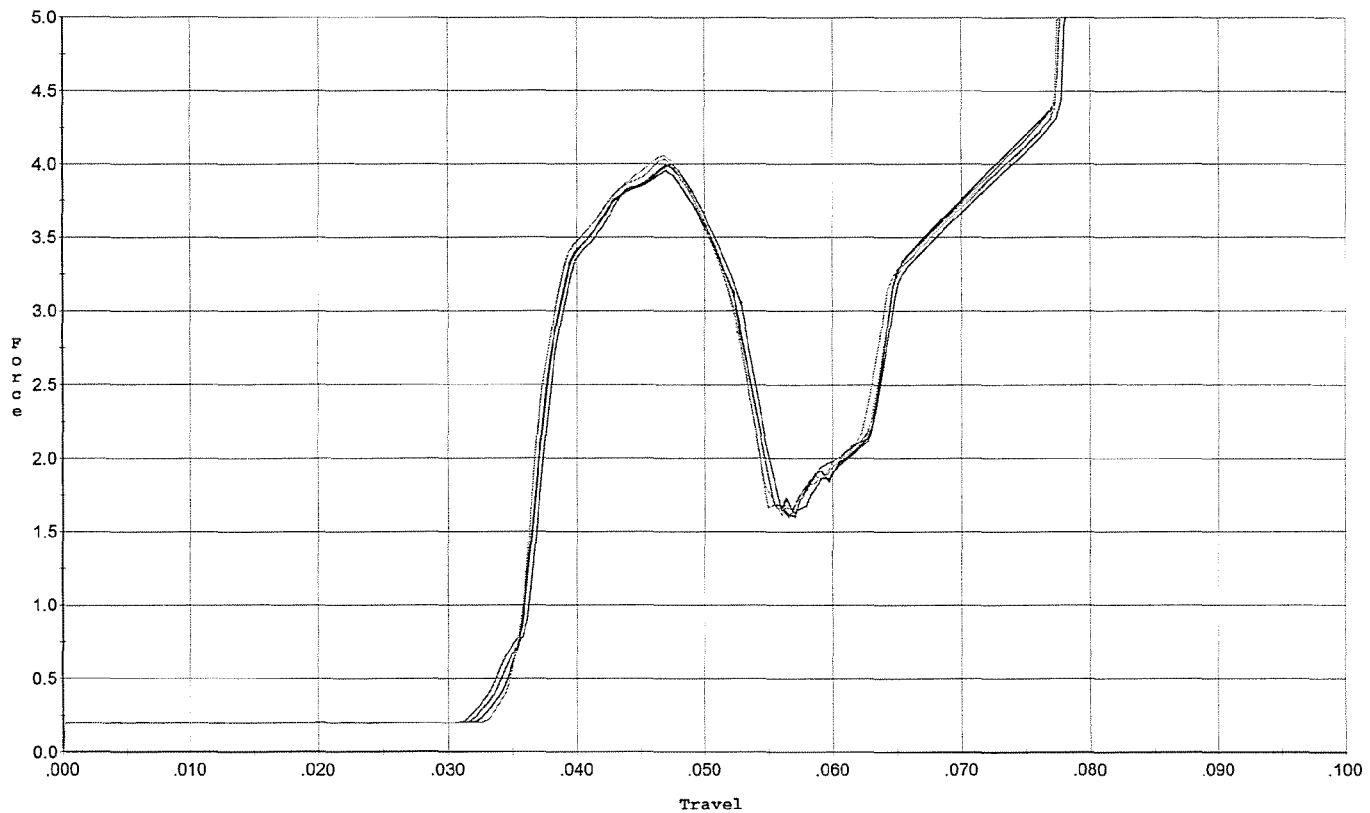
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.177      | 0.055             | 0.037           | 0.030      | 0.069             |           | Set Trigger |
| 2 | 4.205      | 0.056             | 0.037           | 0.030      | 0.070             |           | Set Trigger |
| 3 | 4.217      | 0.055             | 0.037           | 0.030      | 0.070             |           | Set Trigger |
| 4 | 4.155      | 0.055             | 0.036           | 0.030      | 0.069             |           | Set Trigger |
| 5 | 4.267      | 0.055             | 0.036           | 0.030      | 0.071             |           | Set Trigger |

Avg 4.20

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 10/2/07

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



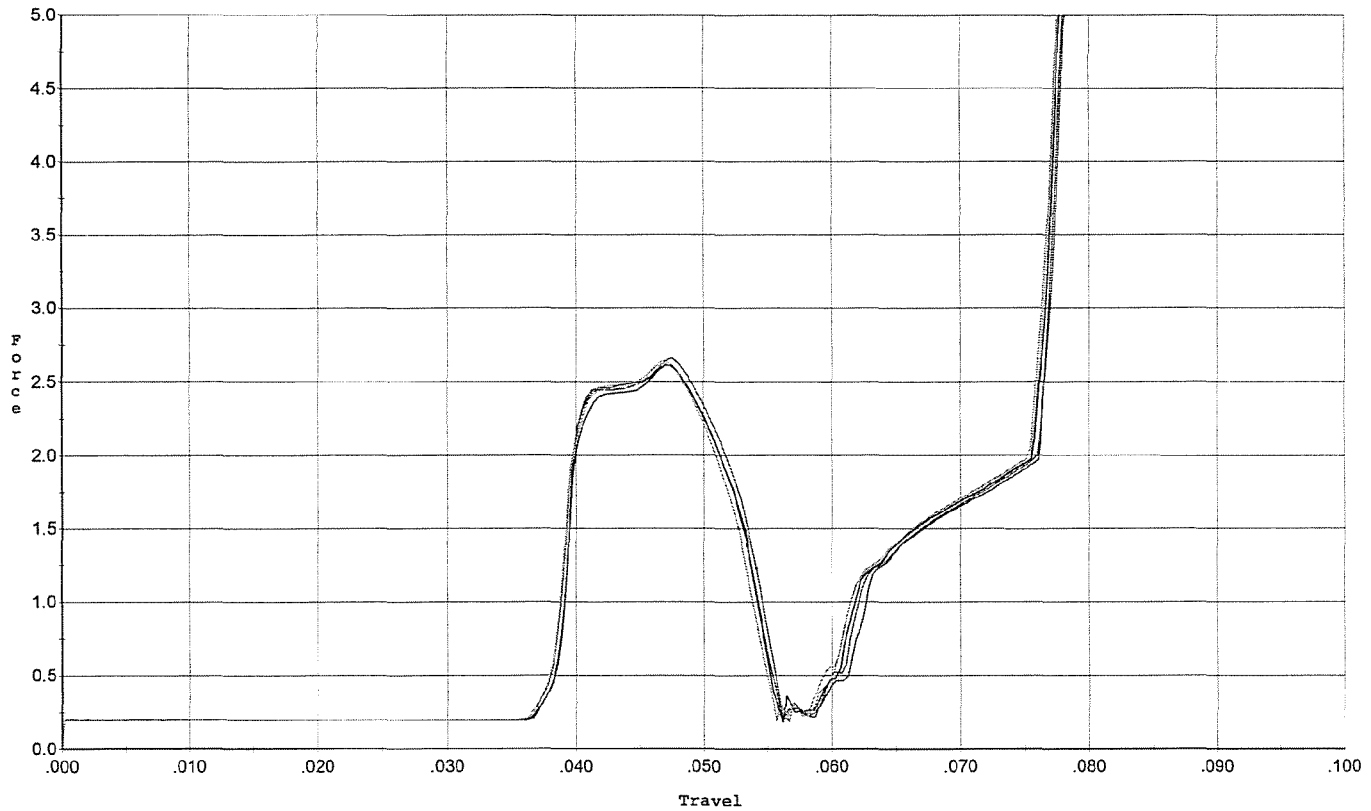
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.999      | 0.053             | 0.034           | 0.030      | 0.067             |           | Set Trigger |
| 2 | 3.959      | 0.052             | 0.034           | 0.030      | 0.066             |           | Set Trigger |
| 3 | 3.993      | 0.052             | 0.033           | 0.030      | 0.066             |           | Set Trigger |
| 4 | 4.037      | 0.052             | 0.034           | 0.030      | 0.067             |           | Set Trigger |
| 5 | 4.061      | 0.053             | 0.034           | 0.030      | 0.067             |           | Set Trigger |

Avg 4.01

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 10/2/07

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



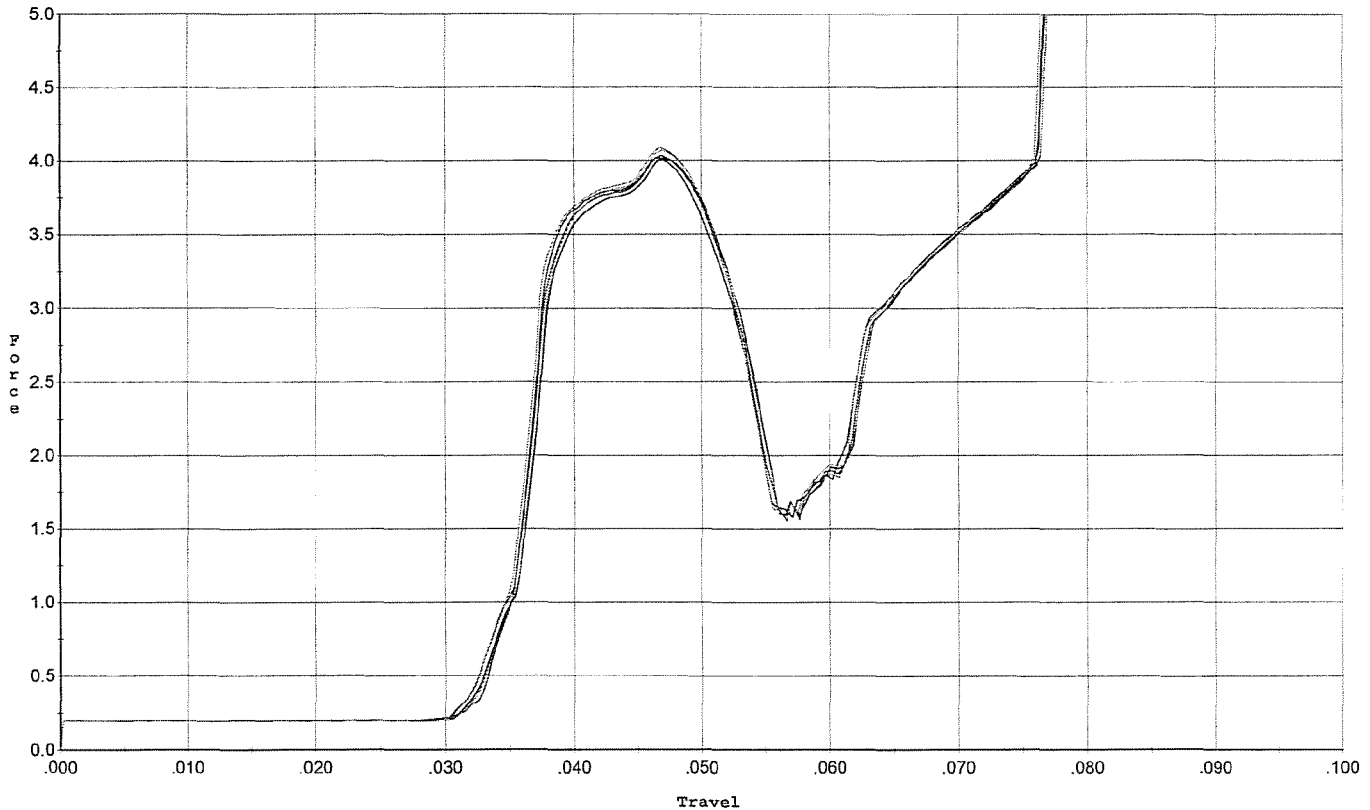
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.614      | 0.053             | 0.037           | 0.032      | 0.041             |           | Set Trigger |
| 2 | 2.617      | 0.053             | 0.037           | 0.032      | 0.041             |           | Set Trigger |
| 3 | 2.661      | 0.054             | 0.037           | 0.032      | 0.042             |           | Set Trigger |
| 4 | 2.628      | 0.053             | 0.037           | 0.032      | 0.040             |           | Set Trigger |
| 5 | 2.645      | 0.053             | 0.037           | 0.032      | 0.040             |           | Set Trigger |

Avg 2.63

## Trigger Profile [ lbs,inch ]

**Profile** SWS  
**GunType:** Rifle  
**Make:** Remington  
**Note:** R. Putch 10/2/07

**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 | 4.015      | 0.053             | 0.033           | 0.029      | 0.071             |           | Set Trigger |
| 2 | 4.015      | 0.054             | 0.033           | 0.028      | 0.072             |           | Set Trigger |
| 3 | 4.032      | 0.053             | 0.032           | 0.029      | 0.072             |           | Set Trigger |
| 4 | 4.072      | 0.054             | 0.033           | 0.028      | 0.073             |           | Set Trigger |
| 5 | 4.089      | 0.054             | 0.032           | 0.028      | 0.073             |           | Set Trigger |

AVG 4.04

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6691394.\_\_\_0  
FILE DATE AND TIME: 10/08/2007 14:07

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

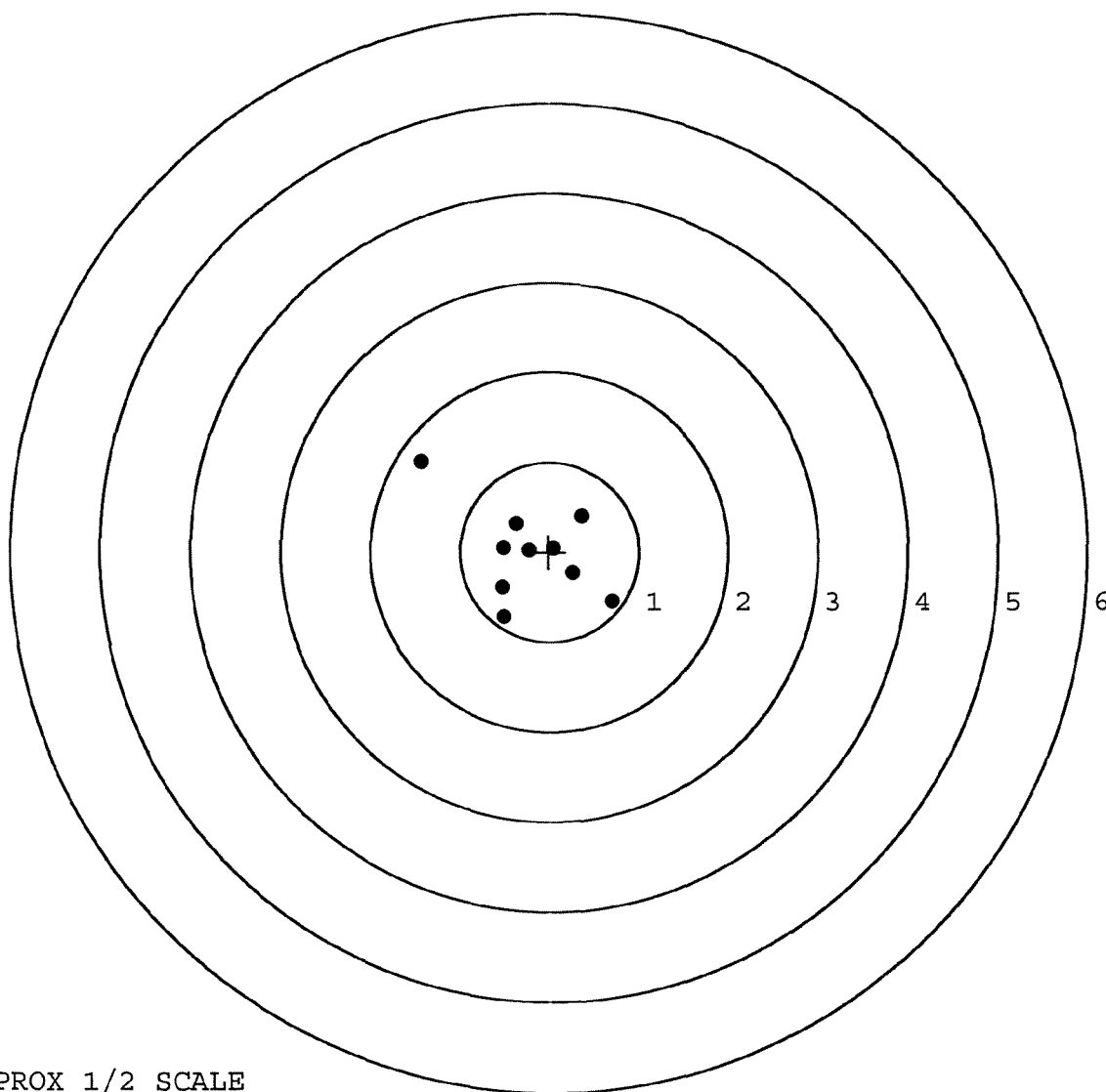
|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.047 |
| The Average Y Centroid of the Five Target Set:              | -0.063 |
| The Average Point of Impact of the Five Target Set:         | 0.078  |
| The Average Mean Radius of the Five Target Set:             | 0.667  |
| The Distance from POA to Centroid Target #1:                | 0.219  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.279  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.335  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.328  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.037  |

**BARBER - M24 0175676**

SERIAL NUMBER: G6691394. \_\_0  
 TARGET NUMBER: 1  
 FILE DATE: 10/08/2007  
 FILE TIME: 14:07

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.701  | -0.552 |
| 2:     | 0.264  | -0.234 |
| 3:     | 0.362  | 0.411  |
| 4:     | 0.051  | 0.044  |
| 5:     | -0.369 | 0.326  |
| 6:     | -0.513 | 0.047  |
| 7:     | -0.526 | -0.399 |
| 8:     | -0.509 | -0.724 |
| 9:     | -1.429 | 1.003  |
| 10:    | -0.222 | 0.026  |

X CENTROID: -0.219  
 Y CENTROID: -0.005  
 POA TO CENTROID: 0.219  
 HORZ SPREAD: 2.130  
 VERT SPREAD: 1.727  
 GROUP SPREAD: 2.637  
 MIN RADIUS: 0.031  
 MAX RADIUS: 1.575  
 MEAN RADIUS: 0.614  
 # IN 1 IN DIAMETER: 5  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 9



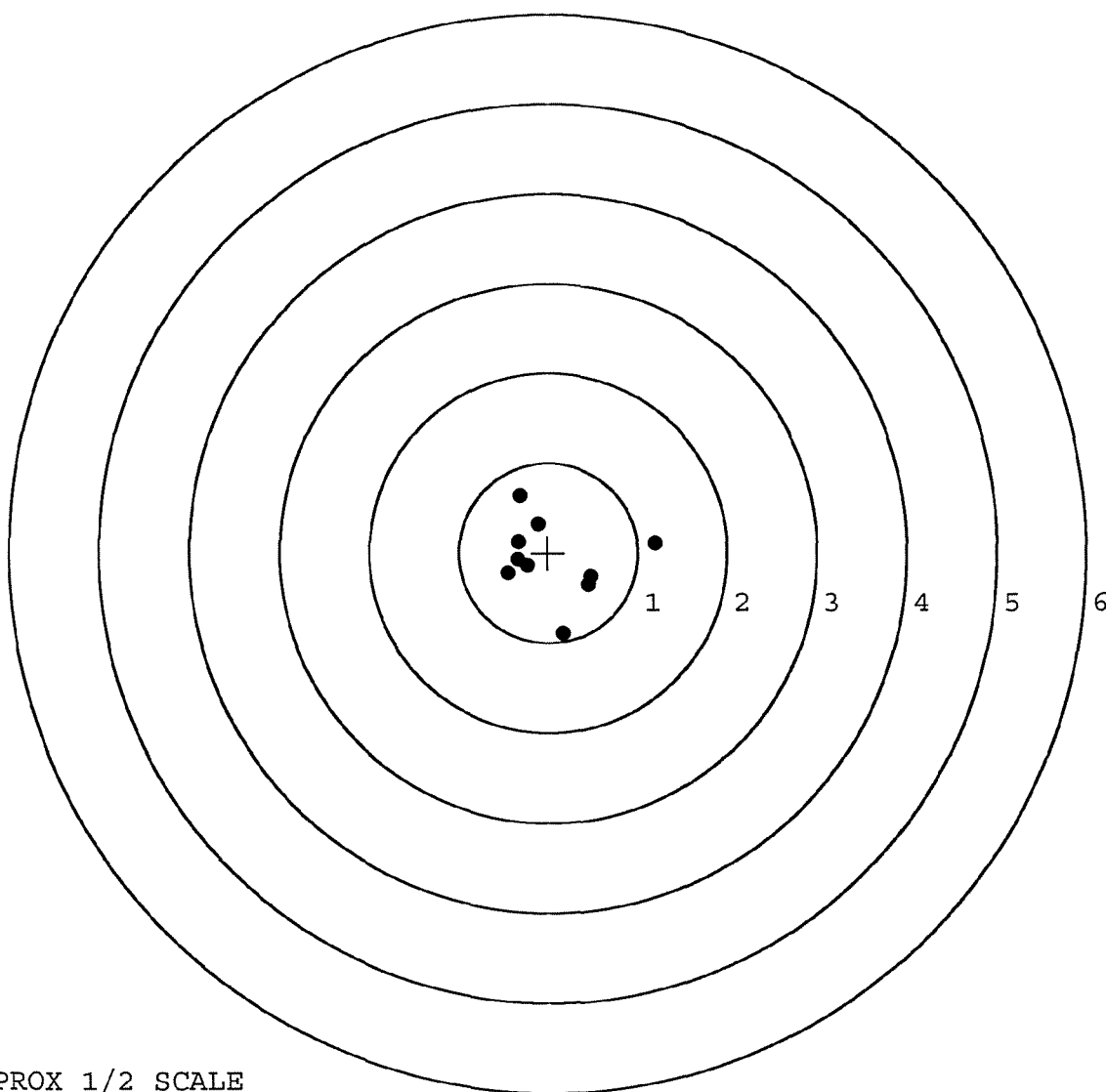
TARGET APPROX 1/2 SCALE

**BARBER - M24 0175677**

SERIAL NUMBER: G6691394. \_\_0  
 TARGET NUMBER: 2  
 FILE DATE: 10/08/2007  
 FILE TIME: 14:07

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.195  | 0.107  |
| 2:     | 0.478  | -0.260 |
| 3:     | 0.160  | -0.906 |
| 4:     | -0.318 | 0.639  |
| 5:     | -0.116 | 0.321  |
| 6:     | -0.328 | 0.123  |
| 7:     | -0.232 | -0.143 |
| 8:     | -0.451 | -0.228 |
| 9:     | -0.336 | -0.079 |
| 10:    | 0.452  | -0.356 |

X CENTROID: 0.050  
 Y CENTROID: -0.078  
 POA TO CENTROID: 0.093  
 HORZ SPREAD: 1.646  
 VERT SPREAD: 1.545  
 GROUP SPREAD: 1.680  
 MIN RADIUS: 0.290  
 MAX RADIUS: 1.159  
 MEAN RADIUS: 0.581  
 # IN 1 IN DIAMETER: 6  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 10



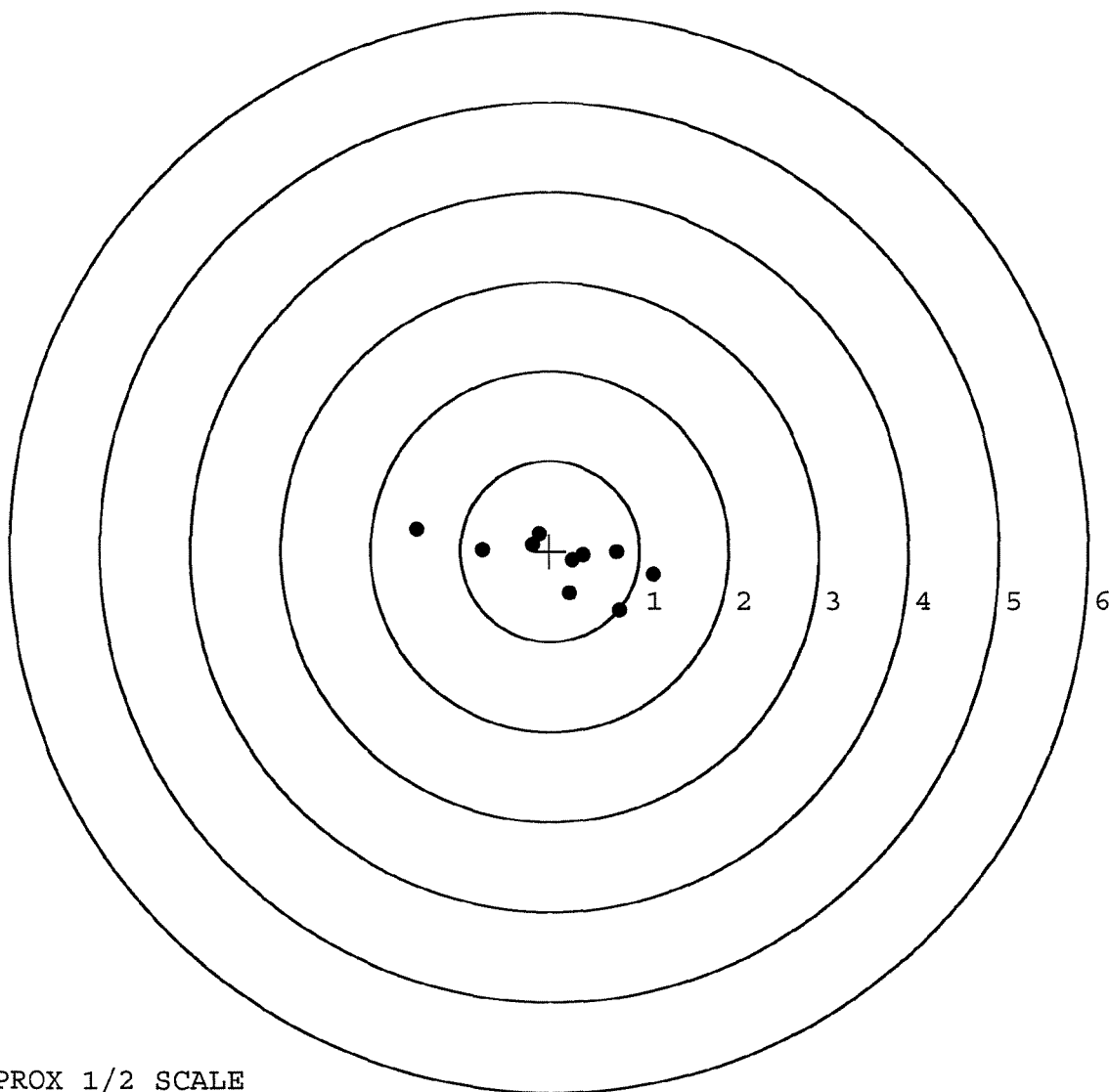
TARGET APPROX 1/2 SCALE

**BARBER - M24 0175678**

SERIAL NUMBER: G6691394. \_\_0  
 TARGET NUMBER: 3  
 FILE DATE: 10/08/2007  
 FILE TIME: 14:07

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.157  | -0.258 |
| 2:     | 0.780  | -0.657 |
| 3:     | 0.749  | -0.012 |
| 4:     | 0.260  | -0.103 |
| 5:     | 0.226  | -0.470 |
| 6:     | -0.189 | 0.072  |
| 7:     | -0.115 | 0.191  |
| 8:     | -0.749 | 0.018  |
| 9:     | -1.487 | 0.234  |
| 10:    | 0.380  | -0.049 |

X CENTROID: 0.101  
 Y CENTROID: -0.103  
 POA TO CENTROID: 0.145  
 HORZ SPREAD: 2.644  
 VERT SPREAD: 0.891  
 GROUP SPREAD: 2.689  
 MIN RADIUS: 0.159  
 MAX RADIUS: 1.624  
 MEAN RADIUS: 0.661  
 # IN 1 IN DIAMETER: 5  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 9

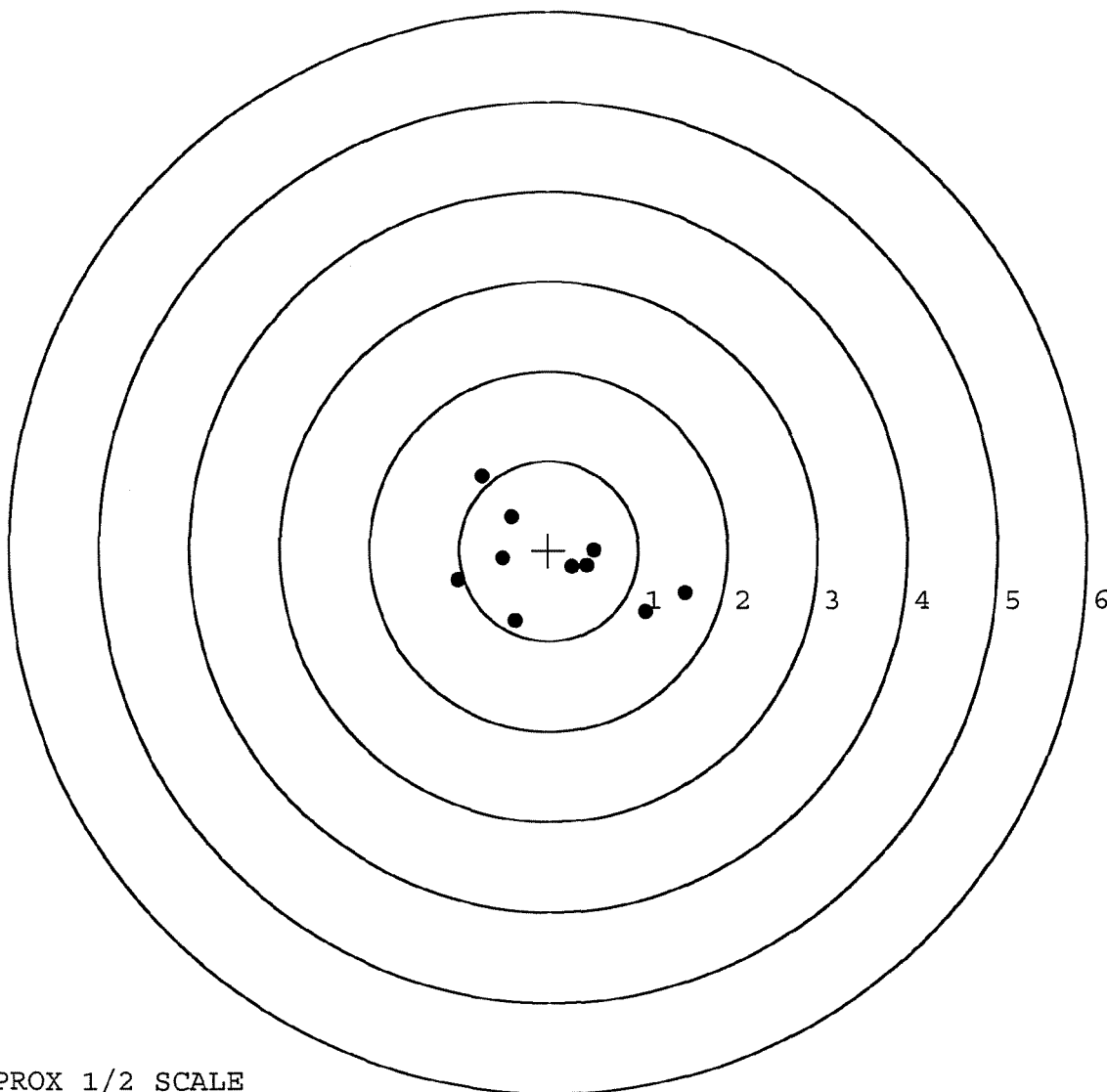


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6691394. \_\_0  
 TARGET NUMBER: 4  
 FILE DATE: 10/08/2007  
 FILE TIME: 14:07

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.523  | -0.479 |
| 2:     | 1.076  | -0.683 |
| 3:     | 0.509  | 0.007  |
| 4:     | 0.433  | -0.175 |
| 5:     | 0.263  | -0.192 |
| 6:     | -0.374 | -0.785 |
| 7:     | -0.511 | -0.088 |
| 8:     | -1.020 | -0.341 |
| 9:     | -0.419 | 0.374  |
| 10:    | -0.746 | 0.831  |

X CENTROID: 0.073  
 Y CENTROID: -0.153  
 POA TO CENTROID: 0.170  
 HORZ SPREAD: 2.543  
 VERT SPREAD: 1.616  
 GROUP SPREAD: 2.620  
 MIN RADIUS: 0.194  
 MAX RADIUS: 1.486  
 MEAN RADIUS: 0.811  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 6  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6691394. \_\_0

TARGET NUMBER: 5

FILE DATE: 10/08/2007

FILE TIME: 14:07

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.588 | 0.687  |
| 2:     | -0.686 | 0.255  |
| 3:     | -0.828 | -0.118 |
| 4:     | -1.446 | 0.646  |
| 5:     | -0.053 | -0.688 |
| 6:     | 0.179  | -0.441 |
| 7:     | -0.126 | -0.107 |
| 8:     | 0.165  | 0.121  |
| 9:     | 0.894  | 0.055  |
| 10:    | 0.095  | -0.159 |

X CENTROID: -0.239

Y CENTROID: 0.025

POA TO CENTROID: 0.241

HORZ SPREAD: 2.340

VERT SPREAD: 1.375

GROUP SPREAD: 2.413

MIN RADIUS: 0.174

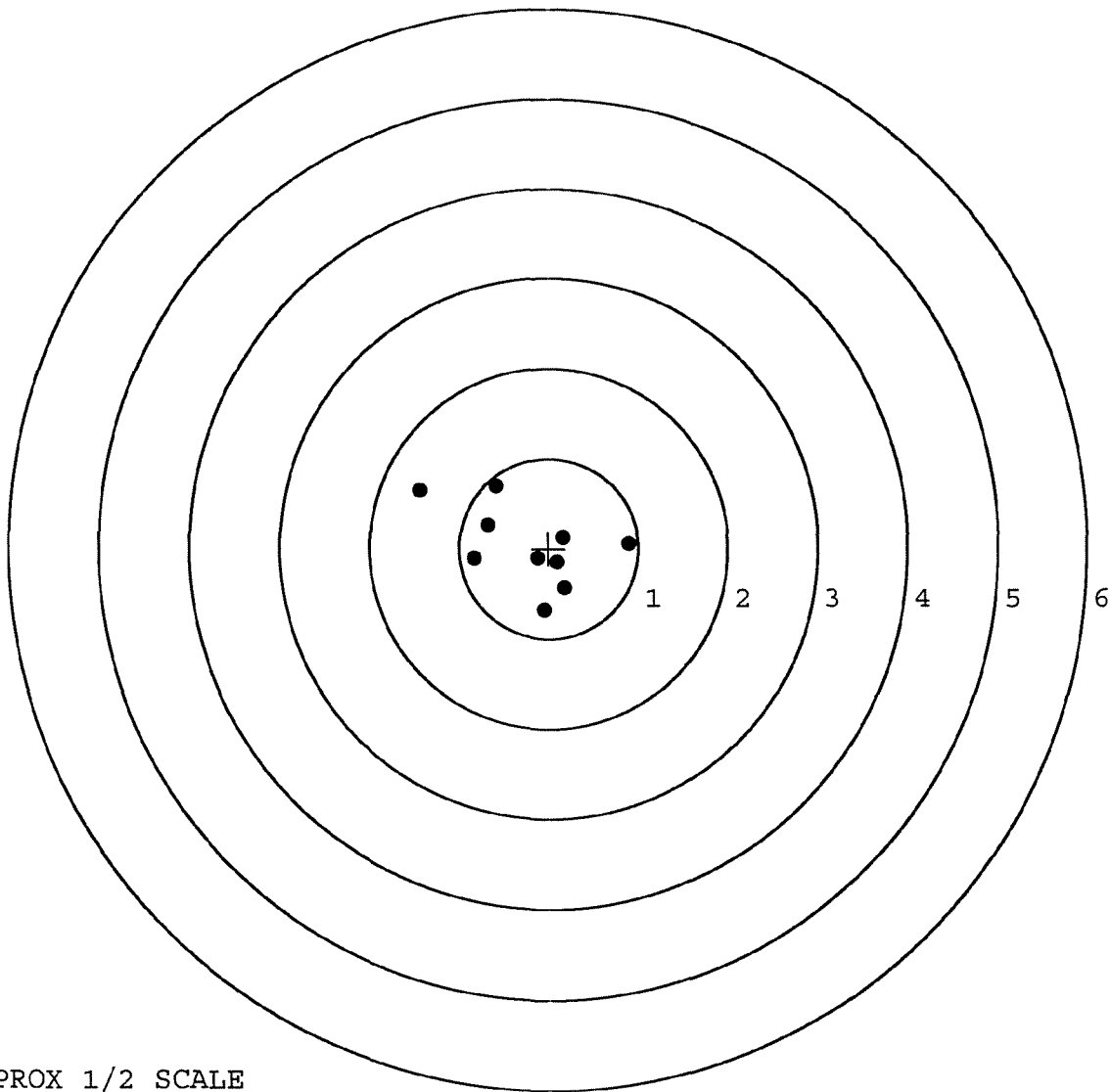
MAX RADIUS: 1.357

MEAN RADIUS: 0.668

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE