

G 6623494

**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



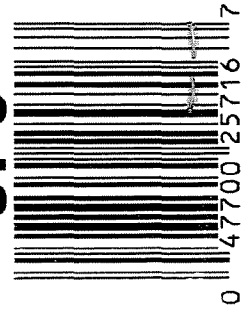
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

**G6623494**

**UPC**



DD FORM

**ORDER 25716**

M/24 7.62 NATO S.W.S. (COMPLETE SYS

**UPC**



0 47700 25716 7

**ORDER 25716**

M/24 7.62 NATO S.W.S. (COMPLETE SYS

**UPC**



0 47700 25716 7

SERIAL NO.



66623494

GUN SERIAL # G6623494

| OP #         | OPERATION NAME                                                                                                                         | READINGS                | DATE     | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------|---------|
| 410          | SERIALIZE BOLT HANDLE                                                                                                                  |                         | 11-29-06 | BLC     |
| 420          | ASSEMBLE ACTION                                                                                                                        |                         | 11-29-06 | BLC     |
| 430          | ASSEMBLE TO STOCK                                                                                                                      |                         |          |         |
| 440          | PROOF                                                                                                                                  |                         | 11-30-06 | nm      |
| 460          | CHECK HEADSPACE                                                                                                                        | MAGNA FLUX<br>INSPECTED | 11-30-06 | nm      |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    | DEC 05 2006             | 12-4-06  | BLC     |
| 480          | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR <u>APD</u>     | 12-5-06  | APD     |
| 490          | MAGNAFLUX BOLT                                                                                                                         |                         |          |         |
| 500          | ROLLMARK CALIBER                                                                                                                       |                         | 12-5-06  | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                         | 12-4-06  | SD      |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                         | 12-6-06  | LB      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                         |          |         |
|              | (BOLT)                                                                                                                                 |                         | 12/14/06 | SP      |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                         |          |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                         | 12-18-06 | SPD     |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                         | 12-18-06 | SPD     |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                         | 12-18-06 | SPD     |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                         | 12-19-06 | SPD     |
|              | 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> |                         | 2/6/07   | nm      |

F004 REV 5/2006

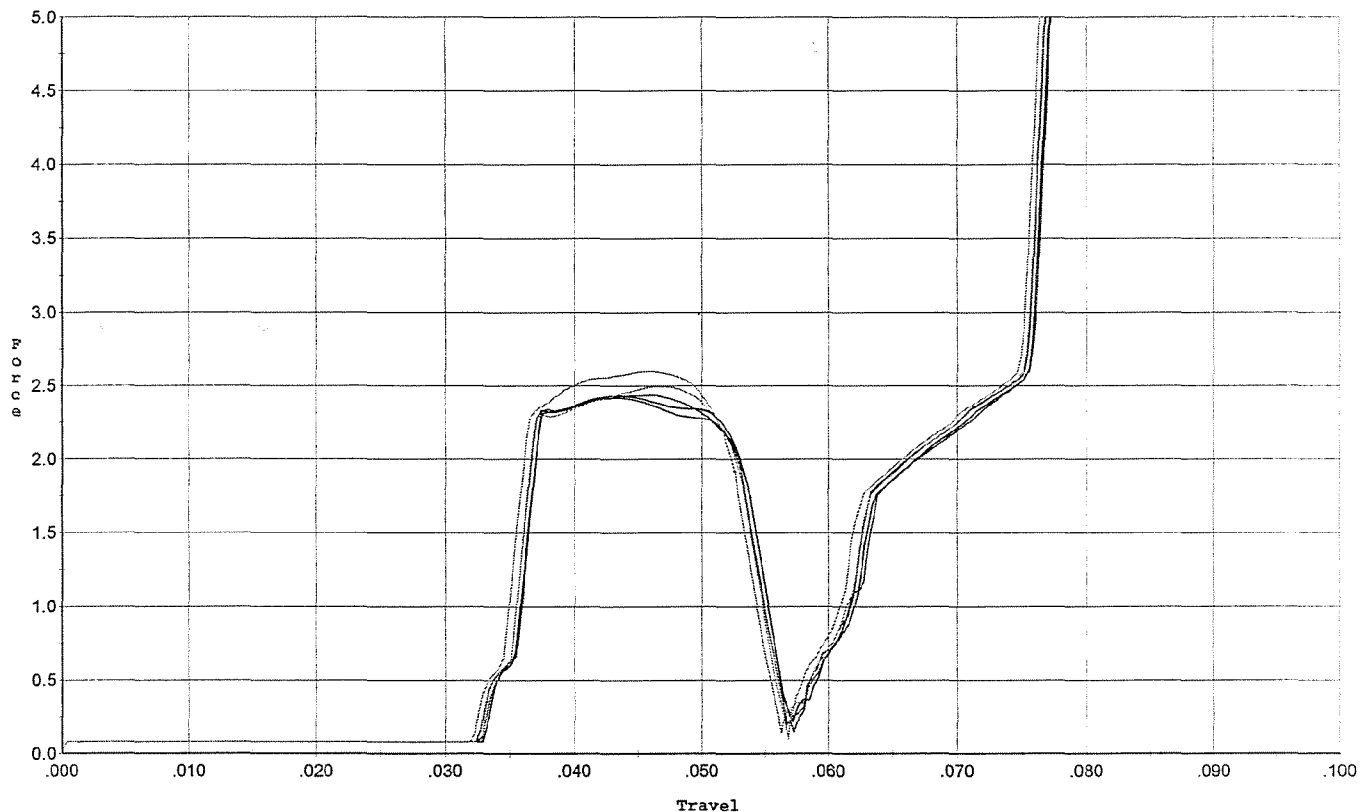
| OP #         | OPERATION NAME                                                           | READINGS                                                    | DATE     | INITIAL |
|--------------|--------------------------------------------------------------------------|-------------------------------------------------------------|----------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>55</u> <u>55</u> <u>50</u>                               | 1-3-07   | DA      |
| CONT.        | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>30</u> <u>30</u> <u>30</u>                               | 1-3-07   | DA      |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             | 2/6/07   | non     |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.024</u> <u>.024</u> <u>.024</u>                         | 1-3-07   | DA      |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 12-19-06 | S.P.H.  |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 2/6/07   | non     |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 2/6/07   | non     |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 2/6/07   | non     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 2/6/07   | non     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <span>PASS</span> FAIL<br><span>PASS</span> FAIL            | 1/2/07   | non     |
|              | MALFUNCTION                                                              | CORRECTION                                                  | N/A      |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 1/2/07   | mgd     |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 2/6/07   | non     |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.68</u> <u>2.77</u> <u>2.78</u> <u>2.77</u> <u>2.84</u> | 1-3-07   | DA      |
|              | C) FUNCTION                                                              |                                                             | 2/6/07   | non     |
| 690          | PACK                                                                     |                                                             | 2-13-07  | DA      |

F004 REV 5/2006

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 12/14/06

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



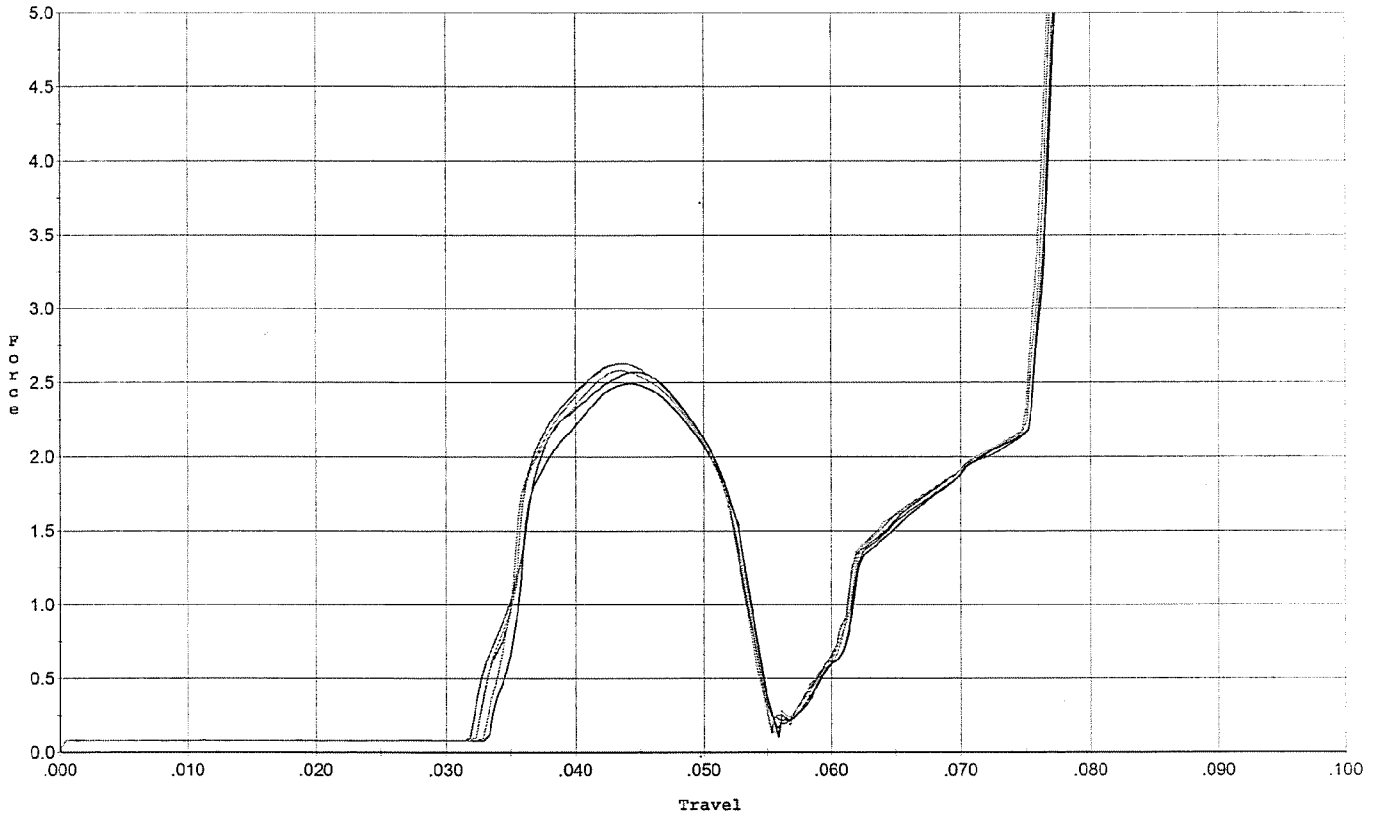
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.418      | 0.054             | 0.033           | 0.030      | 0.045             |           | Set Trigger |
| 2 | 2.432      | 0.054             | 0.033           | 0.030      | 0.045             |           | Set Trigger |
| 3 | 2.436      | 0.053             | 0.033           | 0.030      | 0.045             |           | Set Trigger |
| 4 | 2.496      | 0.053             | 0.033           | 0.030      | 0.045             |           | Set Trigger |
| 5 | 2.598      | 0.053             | 0.032           | 0.031      | 0.047             |           | Set Trigger |

Avg 2.47

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 12/14/06

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



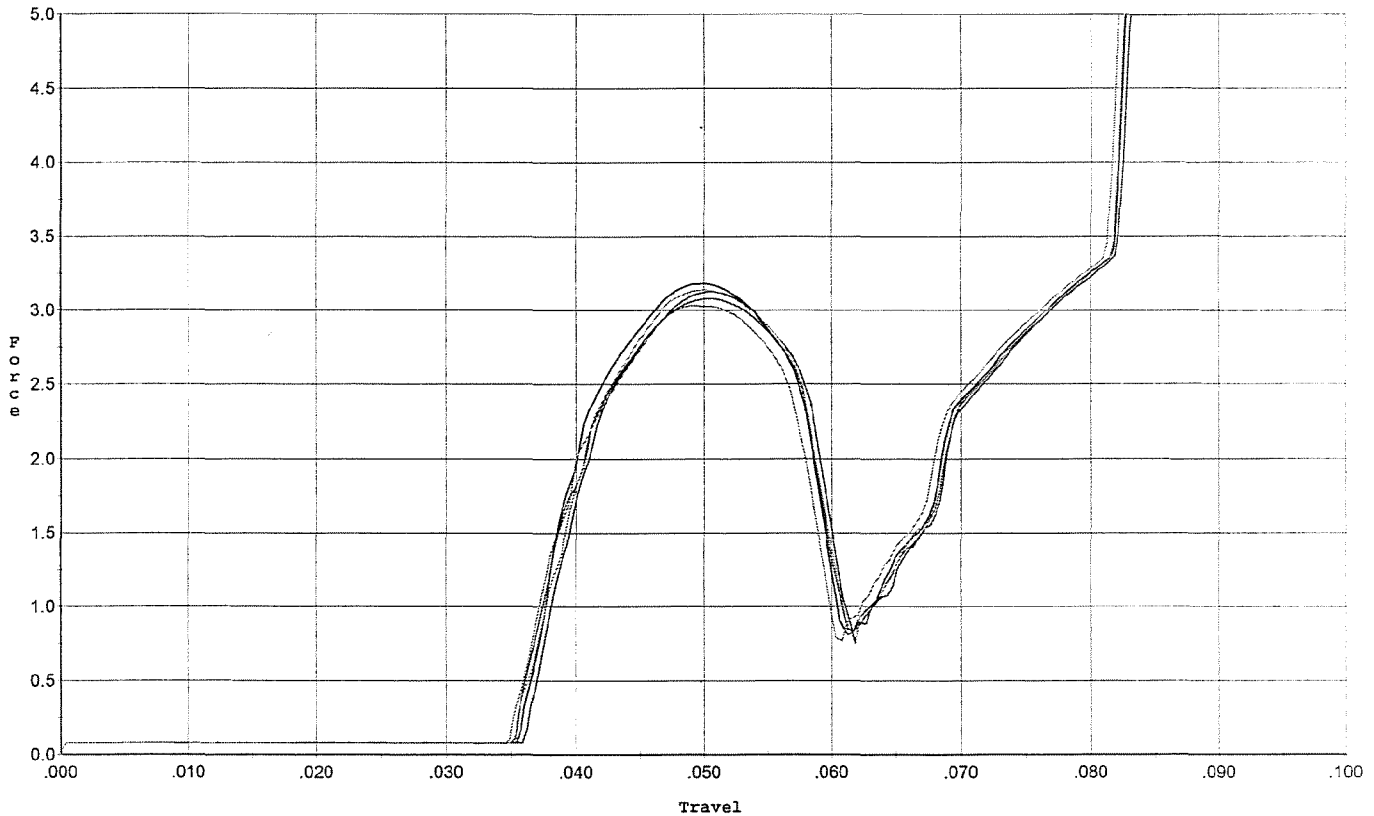
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.571      | 0.053             | 0.033           | 0.032      | 0.043             |           | Set Trigger |
| 2 | 2.494      | 0.053             | 0.034           | 0.032      | 0.041             |           | Set Trigger |
| 3 | 2.626      | 0.052             | 0.032           | 0.032      | 0.044             |           | Set Trigger |
| 4 | 2.632      | 0.053             | 0.033           | 0.032      | 0.044             |           | Set Trigger |
| 5 | 2.582      | 0.052             | 0.033           | 0.032      | 0.042             |           | Set Trigger |

AVg 2.58

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 12/14/06

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



| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.126      | 0.058             | 0.036           | 0.031      | 0.059             |           | Set Trigger |
| 2 | 3.180      | 0.058             | 0.036           | 0.031      | 0.060             |           | Set Trigger |
| 3 | 3.080      | 0.058             | 0.036           | 0.031      | 0.059             |           | Set Trigger |
| 4 | 3.135      | 0.058             | 0.036           | 0.031      | 0.059             |           | Set Trigger |
| 5 | 3.028      | 0.058             | 0.035           | 0.031      | 0.057             |           | Set Trigger |

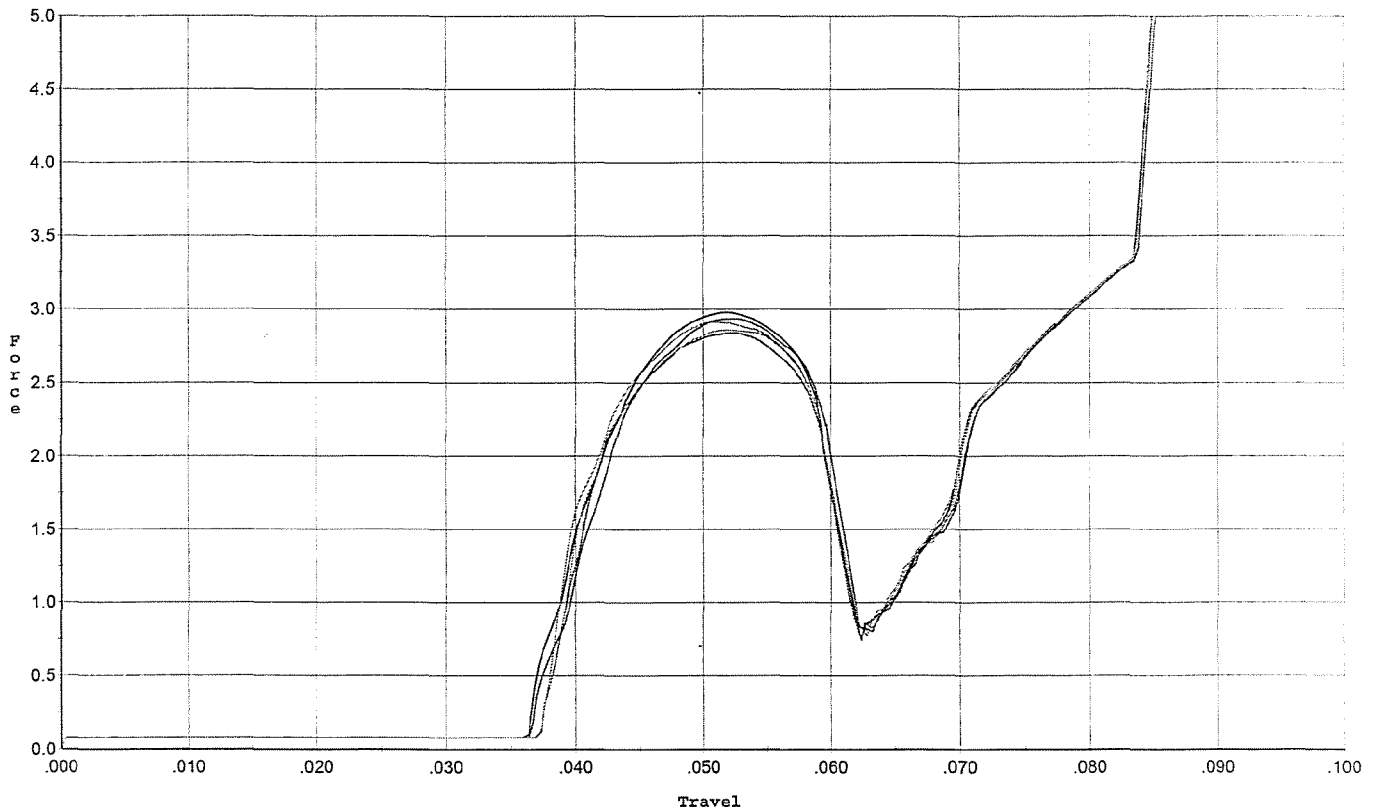
Aug 3.11



## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 12/14/06

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



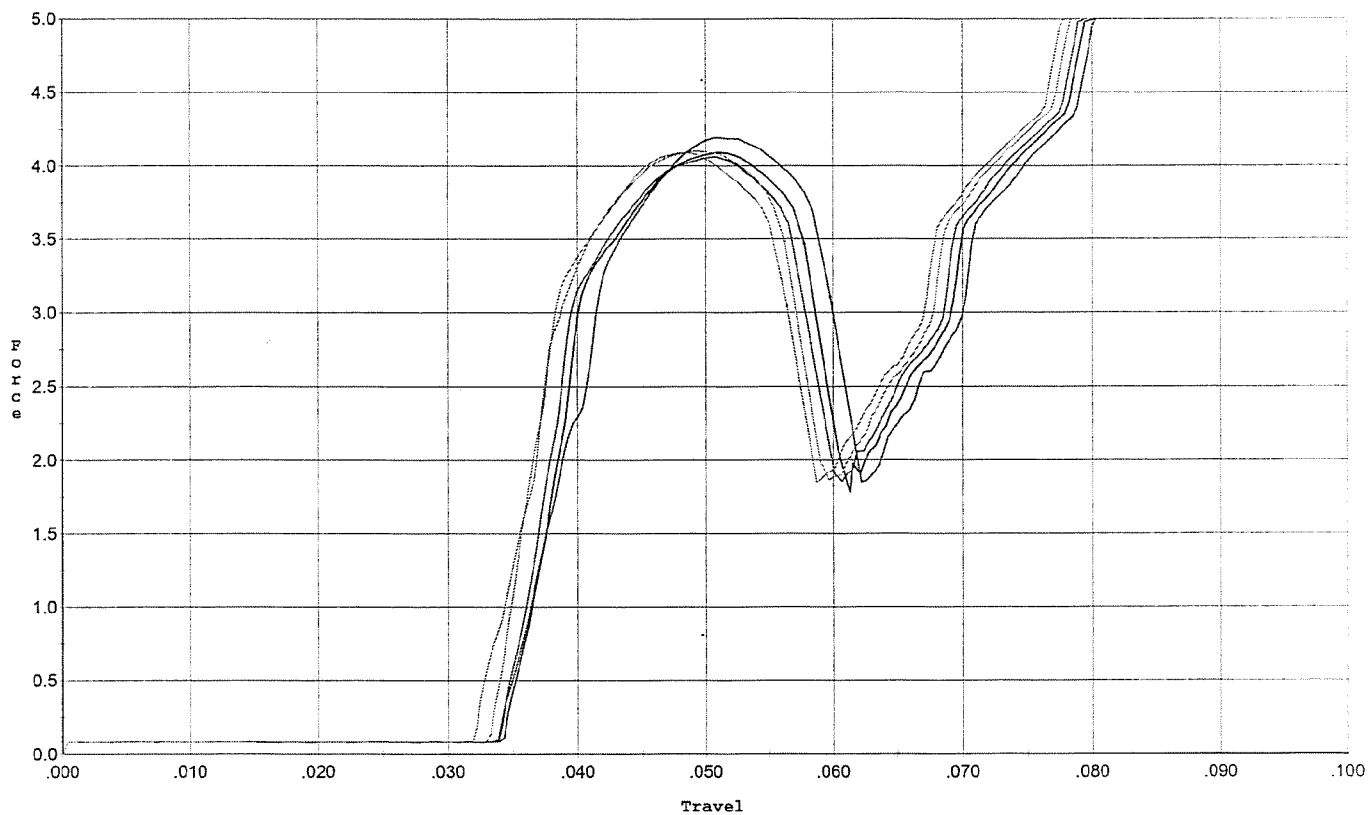
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.936      | 0.060             | 0.037           | 0.032      | 0.056             |           | Set Trigger |
| 2 | 2.979      | 0.059             | 0.037           | 0.032      | 0.057             |           | Set Trigger |
| 3 | 2.839      | 0.059             | 0.038           | 0.032      | 0.054             |           | Set Trigger |
| 4 | 2.856      | 0.059             | 0.038           | 0.032      | 0.055             |           | Set Trigger |
| 5 | 2.913      | 0.059             | 0.038           | 0.032      | 0.056             |           | Set Trigger |

Avg 2.90

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 12/14/06

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



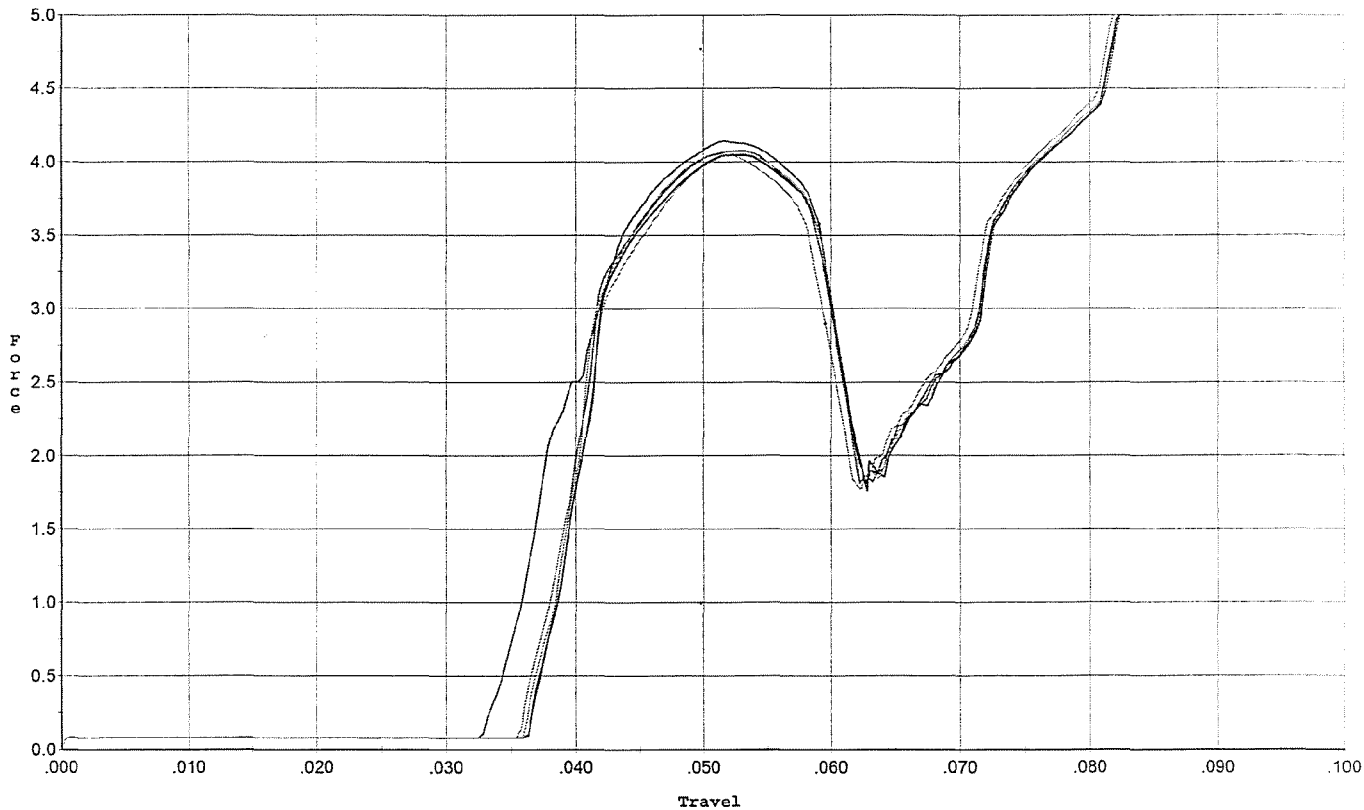
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.190      | 0.060             | 0.034           | 0.027      | 0.086             |           | Set Trigger |
| 2 | 4.091      | 0.058             | 0.035           | 0.027      | 0.081             |           | Set Trigger |
| 3 | 4.061      | 0.058             | 0.034           | 0.027      | 0.081             |           | Set Trigger |
| 4 | 4.102      | 0.056             | 0.033           | 0.028      | 0.081             |           | Set Trigger |
| 5 | 4.091      | 0.056             | 0.032           | 0.028      | 0.081             |           | Set Trigger |

Avg 4.10

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 12/14/06

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



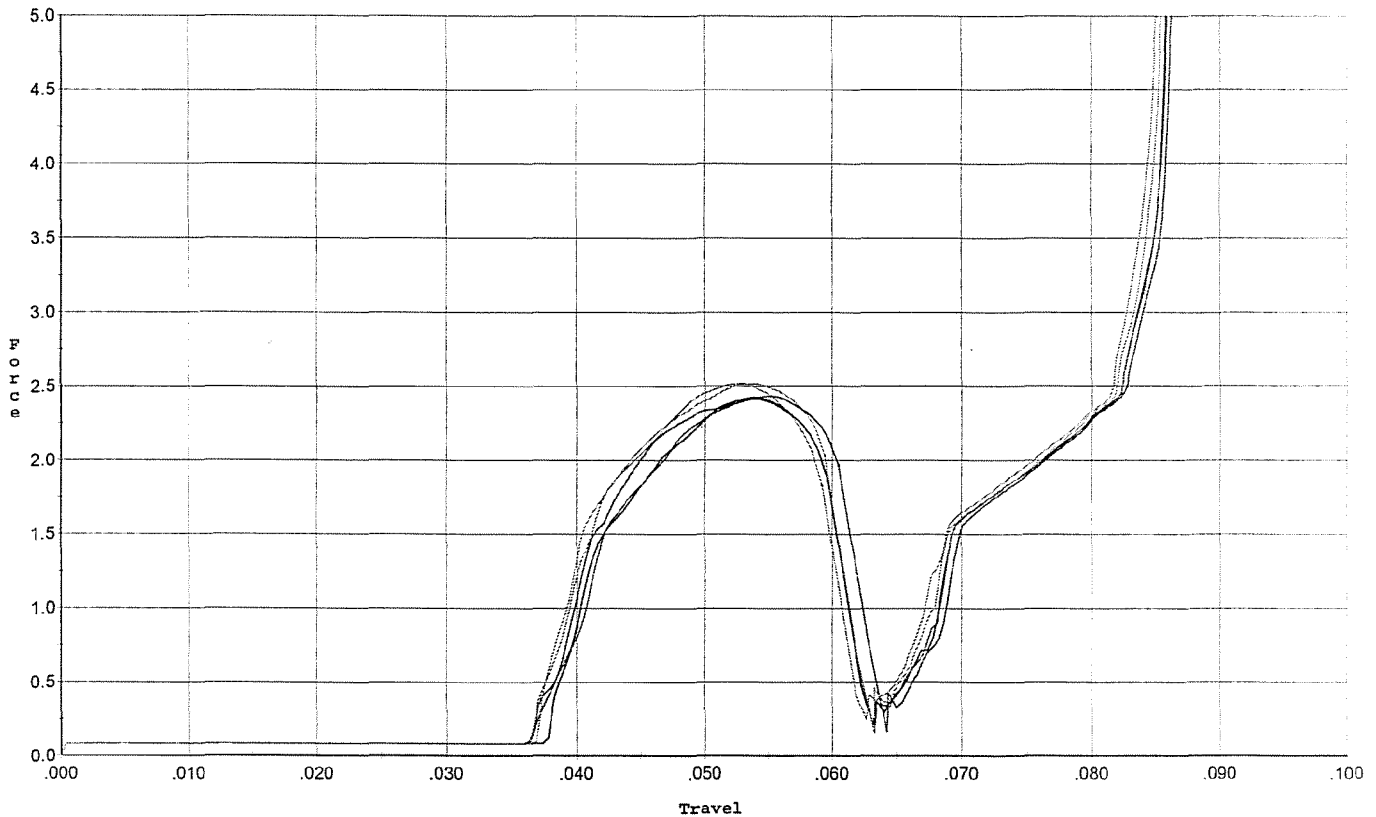
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.143      | 0.059             | 0.033           | 0.029      | 0.087             |           | Set Trigger |
| 2 | 4.048      | 0.059             | 0.037           | 0.029      | 0.079             |           | Set Trigger |
| 3 | 4.075      | 0.060             | 0.037           | 0.028      | 0.080             |           | Set Trigger |
| 4 | 4.056      | 0.059             | 0.036           | 0.029      | 0.079             |           | Set Trigger |
| 5 | 4.053      | 0.060             | 0.036           | 0.029      | 0.080             |           | Set Trigger |

Avg 4.07

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 12/14/06

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



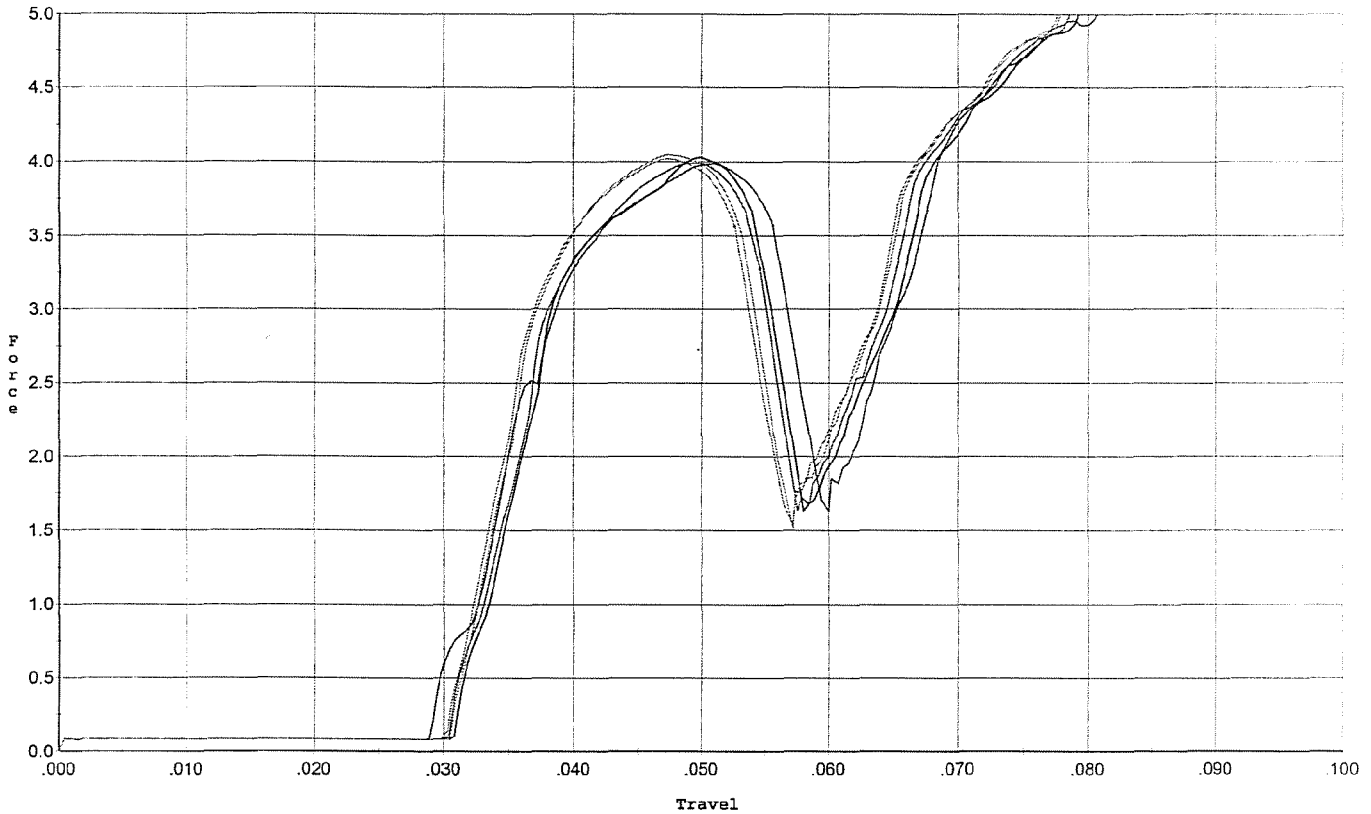
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.433      | 0.061             | 0.037           | 0.032      | 0.050             |           | Set Trigger |
| 2 | 2.426      | 0.060             | 0.038           | 0.033      | 0.045             |           | Set Trigger |
| 3 | 2.418      | 0.060             | 0.037           | 0.033      | 0.046             |           | Set Trigger |
| 4 | 2.519      | 0.059             | 0.037           | 0.032      | 0.049             |           | Set Trigger |
| 5 | 2.519      | 0.059             | 0.037           | 0.033      | 0.048             |           | Set Trigger |

Aug 2.46

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 12/14/06

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



| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.986      | 0.056             | 0.029           | 0.029      | 0.083             |           | Set Trigger |
| 2 | 4.031      | 0.056             | 0.031           | 0.029      | 0.078             |           | Set Trigger |
| 3 | 3.990      | 0.055             | 0.031           | 0.029      | 0.077             |           | Set Trigger |
| 4 | 4.047      | 0.053             | 0.031           | 0.029      | 0.076             |           | Set Trigger |
| 5 | 4.020      | 0.053             | 0.030           | 0.029      | 0.075             |           | Set Trigger |

Avg 4.01

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6623494.\_\_0  
FILE DATE AND TIME: 01/03/2007 05:48

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

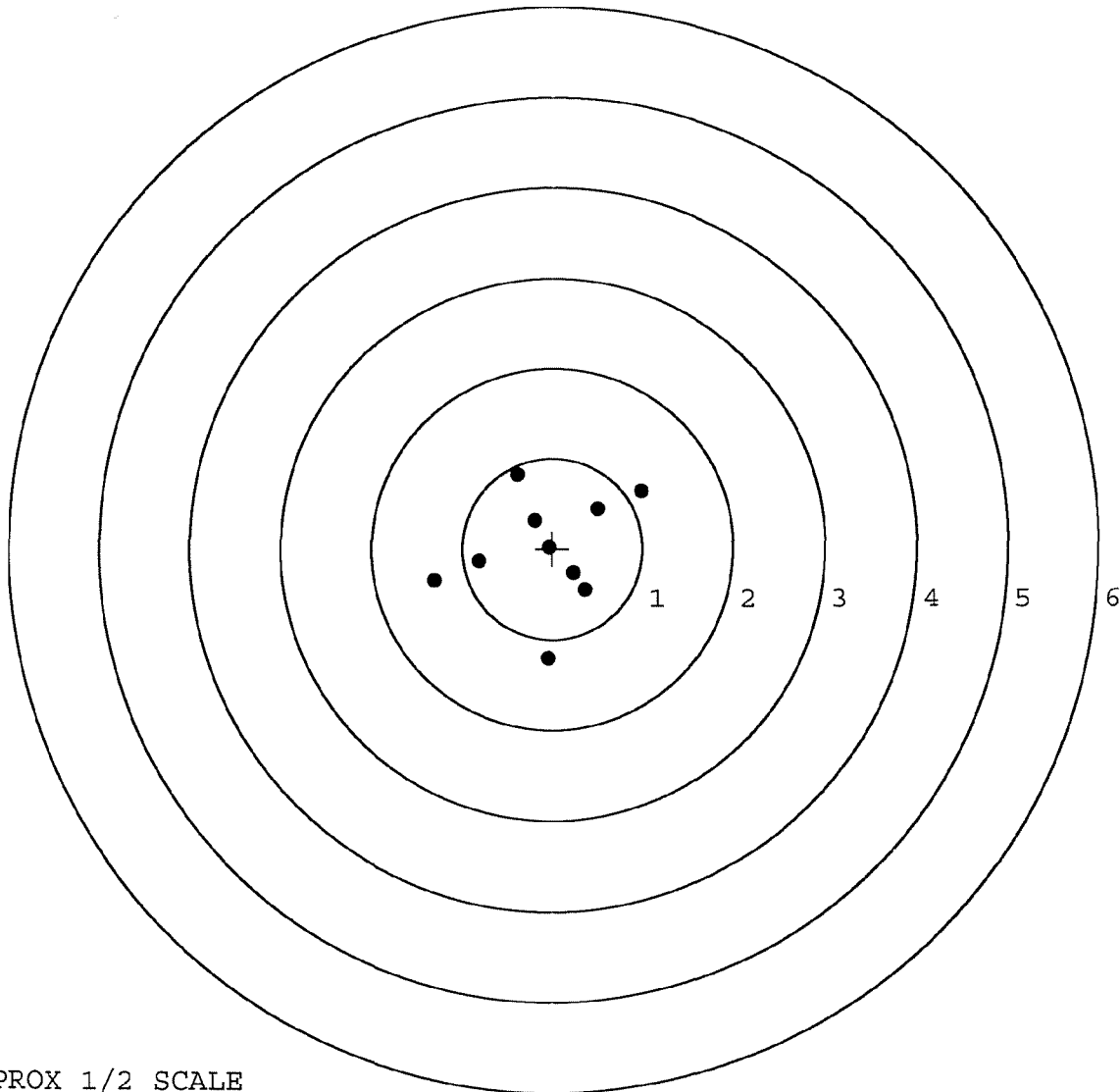
|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.025 |
| The Average Y Centroid of the Five Target Set:              | -0.061 |
| The Average Point of Impact of the Five Target Set:         | 0.066  |
| The Average Mean Radius of the Five Target Set:             | 0.680  |
| The Distance from POA to Centroid Target #1:                | 0.077  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.083  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.150  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.190  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.115  |

**BARBER - M24 0140268**

SERIAL NUMBER: G6623494. \_\_0  
 TARGET NUMBER: 1  
 FILE DATE: 01/03/2007  
 FILE TIME: 05:48

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.311 | -0.352 |
| 2:     | -0.817 | -0.134 |
| 3:     | -0.053 | -1.219 |
| 4:     | 0.981  | 0.632  |
| 5:     | 0.496  | 0.434  |
| 6:     | -0.388 | 0.814  |
| 7:     | -0.202 | 0.313  |
| 8:     | -0.037 | 0.015  |
| 9:     | 0.360  | -0.455 |
| 10:    | 0.237  | -0.269 |

X CENTROID: -0.073  
 Y CENTROID: -0.022  
 POA TO CENTROID: 0.077  
 HORZ SPREAD: 2.292  
 VERT SPREAD: 2.033  
 GROUP SPREAD: 2.494  
 MIN RADIUS: 0.052  
 MAX RADIUS: 1.281  
 MEAN RADIUS: 0.751  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 7  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0140269**

SERIAL NUMBER: G6623494. \_\_0

TARGET NUMBER: 2

FILE DATE: 01/03/2007

FILE TIME: 05:48

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.995 | -0.877 |
| 2:     | -0.910 | -0.287 |
| 3:     | 1.093  | 0.212  |
| 4:     | 0.286  | -0.445 |
| 5:     | -0.130 | -0.005 |
| 6:     | 0.199  | 0.121  |
| 7:     | 0.162  | 0.372  |
| 8:     | -0.029 | 0.779  |
| 9:     | -0.172 | 0.703  |
| 10:    | 0.156  | -0.065 |

X CENTROID: -0.034

Y CENTROID: 0.051

POA TO CENTROID: 0.061

HORZ SPREAD: 2.088

VERT SPREAD: 1.656

GROUP SPREAD: 2.355

MIN RADIUS: 0.111

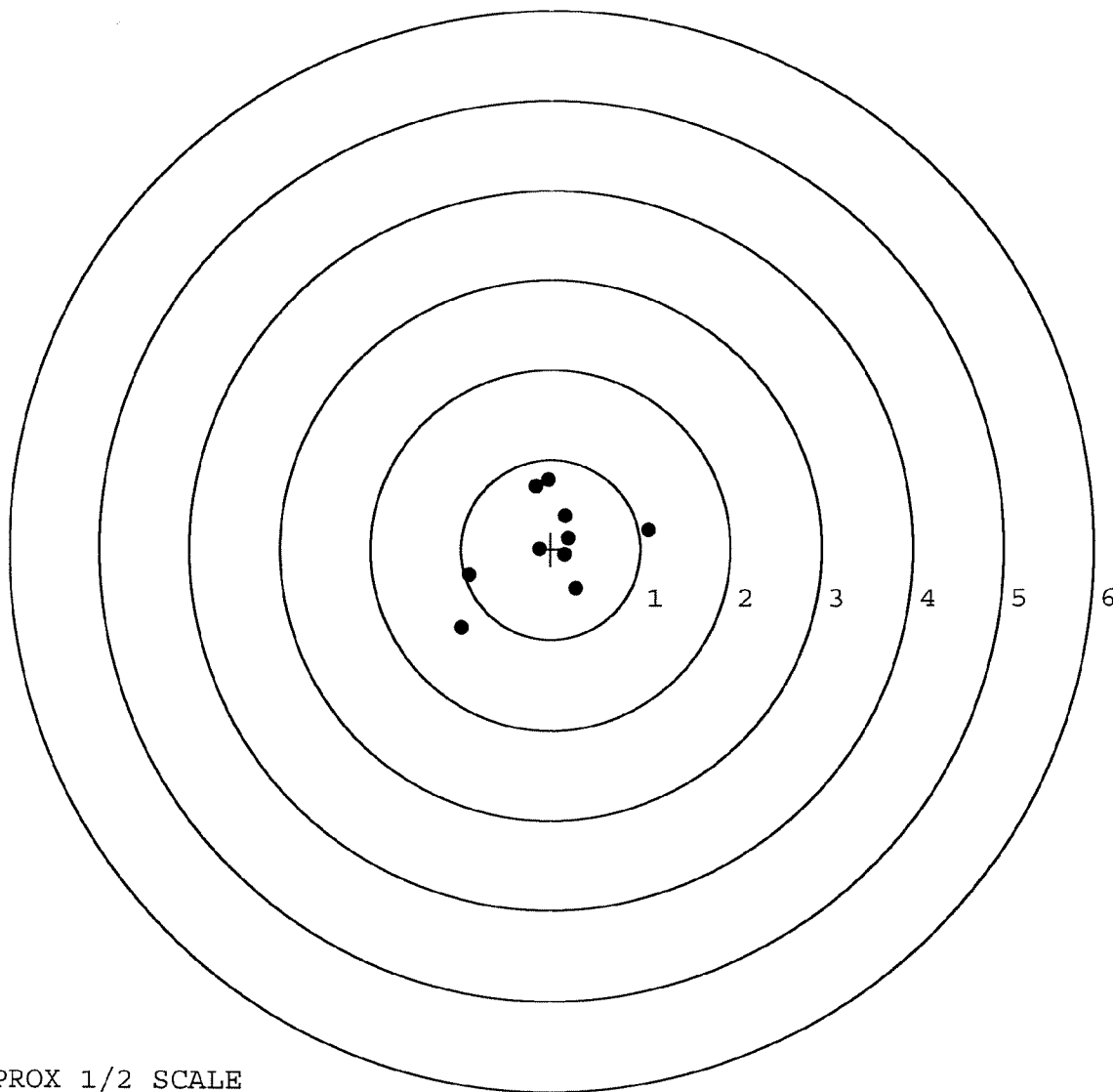
MAX RADIUS: 1.336

MEAN RADIUS: 0.635

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE



**BARBER - M24 0140270**

SERIAL NUMBER: G6623494. \_\_0

TARGET NUMBER: 3

FILE DATE: 01/03/2007

FILE TIME: 05:48

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.123 | 0.697  |
| 2:     | 0.108  | 0.636  |
| 3:     | 0.724  | 0.318  |
| 4:     | 0.454  | -0.858 |
| 5:     | 0.363  | -0.469 |
| 6:     | 0.006  | -0.358 |
| 7:     | -0.006 | 0.137  |
| 8:     | -0.110 | 0.039  |
| 9:     | -0.198 | -0.202 |
| 10:    | -0.454 | -0.270 |

X CENTROID: 0.076

Y CENTROID: -0.033

POA TO CENTROID: 0.083

HORZ SPREAD: 1.178

VERT SPREAD: 1.555

GROUP SPREAD: 1.659

MIN RADIUS: 0.189

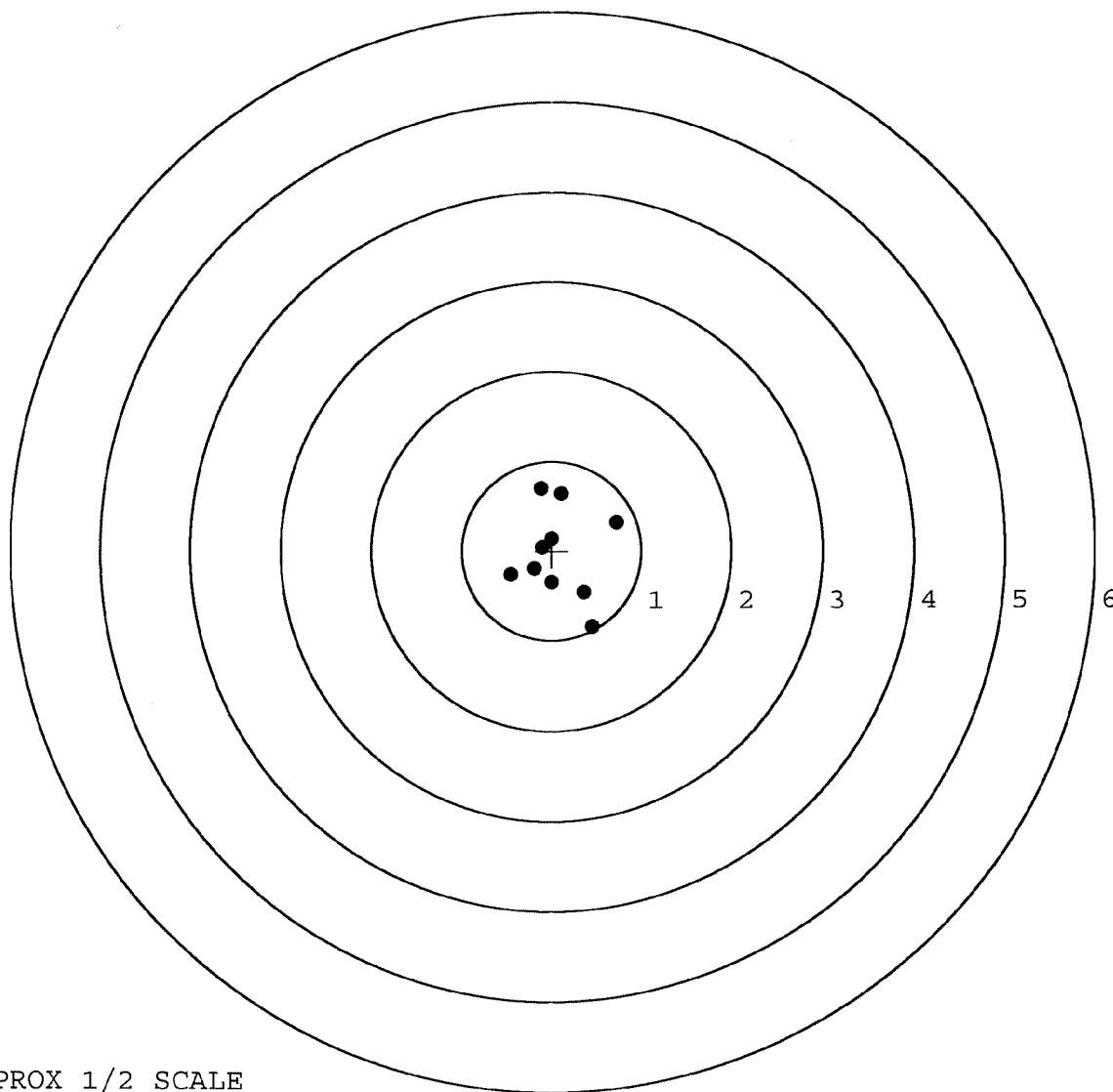
MAX RADIUS: 0.907

MEAN RADIUS: 0.522

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0140271**

SERIAL NUMBER: G6623494. \_\_0

TARGET NUMBER: 4

FILE DATE: 01/03/2007

FILE TIME: 05:48

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.549 | -0.979 |
| 2:     | 0.073  | -0.848 |
| 3:     | 0.924  | -0.548 |
| 4:     | 0.871  | 0.189  |
| 5:     | 0.593  | 0.423  |
| 6:     | 0.178  | 0.029  |
| 7:     | -0.038 | 0.493  |
| 8:     | -0.235 | -0.042 |
| 9:     | -0.485 | -0.179 |
| 10:    | -0.966 | -0.304 |

X CENTROID: 0.037

Y CENTROID: -0.177

POA TO CENTROID: 0.180

HORZ SPREAD: 1.890

VERT SPREAD: 1.472

GROUP SPREAD: 1.906

MIN RADIUS: 0.250

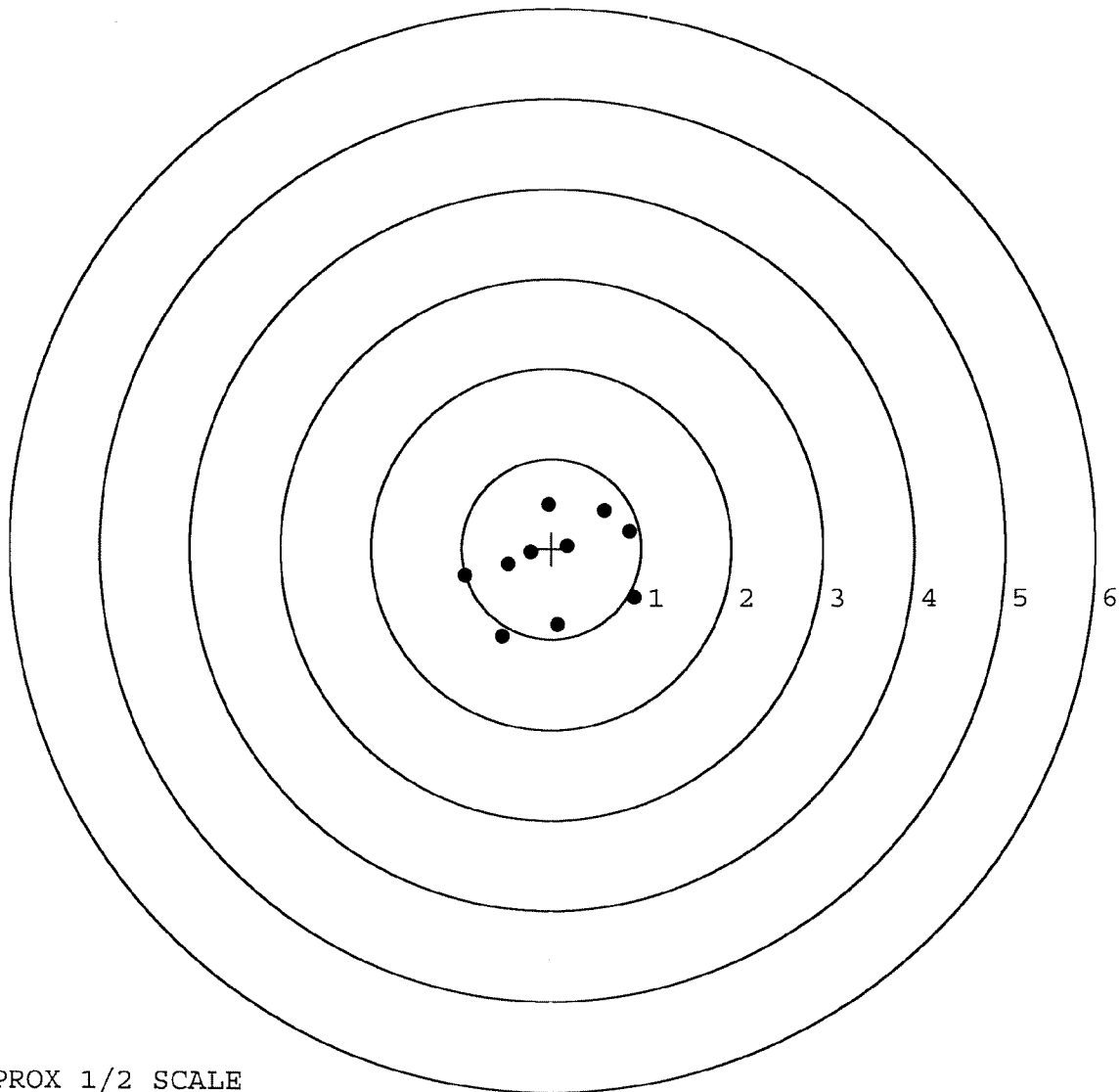
MAX RADIUS: 1.011

MEAN RADIUS: 0.712

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



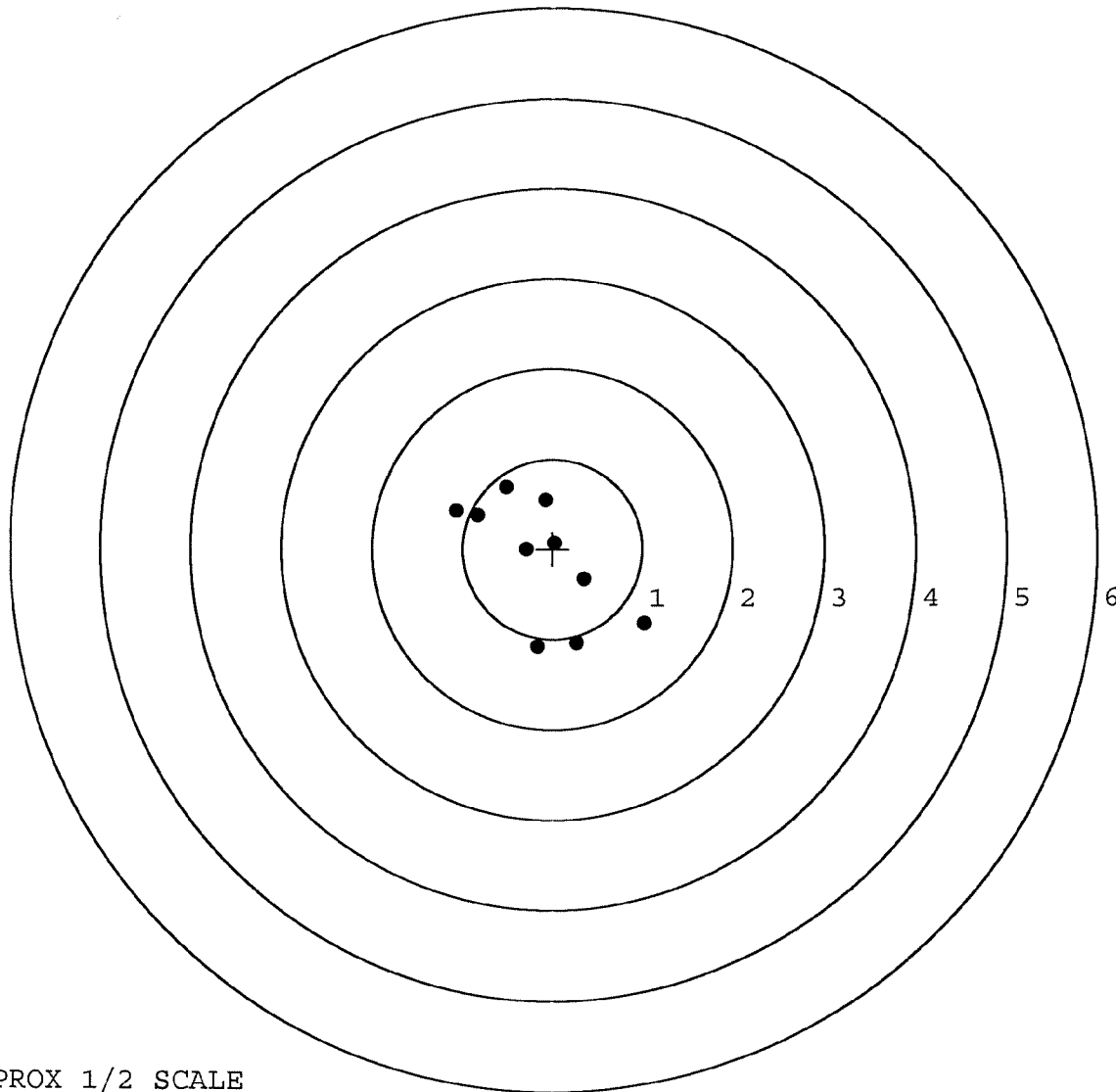
TARGET APPROX 1/2 SCALE

**BARBER - M24 0140272**

SERIAL NUMBER: G6623494. 0  
 TARGET NUMBER: 5  
 FILE DATE: 01/03/2007  
 FILE TIME: 05:48

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.169 | -1.089 |
| 2:     | 0.272  | -1.051 |
| 3:     | 1.026  | -0.839 |
| 4:     | 0.349  | -0.343 |
| 5:     | 0.022  | 0.062  |
| 6:     | -0.295 | -0.008 |
| 7:     | -0.085 | 0.544  |
| 8:     | -0.514 | 0.687  |
| 9:     | -0.836 | 0.380  |
| 10:    | -1.067 | 0.432  |

X CENTROID: -0.130  
 Y CENTROID: -0.123  
 POA TO CENTROID: 0.178  
 HORZ SPREAD: 2.093  
 VERT SPREAD: 1.776  
 GROUP SPREAD: 2.449  
 MIN RADIUS: 0.201  
 MAX RADIUS: 1.360  
 MEAN RADIUS: 0.783  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 7  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE