

G 663 5173

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

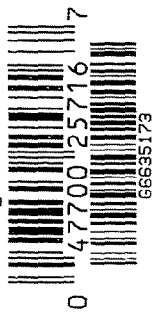
- INSTUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker



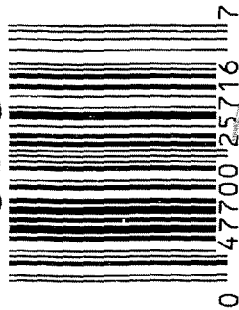
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6635173

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 # G6603 5723

| OP #            | OPERATION NAME                                                 | READINGS            | DATE    | INITIAL |
|-----------------|----------------------------------------------------------------|---------------------|---------|---------|
| 410             | SERIALIZE BOLT HANDLE                                          |                     | 1-26-07 | RTZ     |
| 420             | ASSEMBLE ACTION                                                |                     | 1-26-07 | RTZ     |
| 430             | ASSEMBLE TO STOCK                                              |                     | 1-29-07 | FM      |
| 440             | PROOF                                                          |                     | 1-29-07 | TRW     |
| 460             | CHECK HEADSPACE                                                |                     | 1-29-07 | TRW     |
| 470             | DIS-ASSEMBLE ACTION                                            |                     | 1-29-07 | RTZ     |
| 480             | MAGNAFLUX BBL ACTION                                           |                     | 1-31-07 | APD     |
| 490             | MAGNAFLUX BOLT                                                 |                     |         |         |
| 500             | ROLLMARK CALIBER                                               |                     | 1-31-07 | CW      |
| 510             | DRILL AND TAP<br>SIGHT HOLES                                   |                     | 1-30-07 | FM      |
| 520             | GOFF BLAST BBL / REC                                           |                     | 2-2-07  | UB      |
| 530 &<br>540    | APPLY COATINGS<br>(BARREL ACTION)                              |                     |         |         |
|                 | (BOLT)                                                         |                     | 2-13-07 | WJ      |
| 560             | RE-ASSEMBLE ACTION                                             |                     |         |         |
|                 | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                            |                     | 3-2-07  | APD     |
|                 | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD |                     | 3-2-07  | APD     |
|                 | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                         |                     | 3-2-07  | APD     |
|                 | D) OIL FIRING PIN ASSEMBLY                                     |                     | 3-2-07  | APD     |
|                 | E) ADJUST TRIGGER PULL<br>TO MIN. SETTING AND<br>STAKE         | 2.50 LBS +/- .5 LBS | 3-6-07  | mon     |
| 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°</u> <u>6°</u> <u>6°</u>                               | 3/6/07  | non     |
| CONT.        |                                                                          |                                                             |         |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>4°</u> <u>4°</u> <u>4°</u>                               | 3/6/07  | non     |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             | 3/6/07  | non     |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.024</u> <u>.024</u> <u>.024</u>                         | 3/6/07  | non     |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 3-207   | PPD     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 3/6/07  | non     |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 3/7/07  | non     |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 3/7/07  | non     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 3/7/07  | non     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 3-5-07  | non     |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 3-5-07  | SD      |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 3/6/07  | non     |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.22</u> <u>2.31</u> <u>2.32</u> <u>2.25</u> <u>2.24</u> | 3/6/07  | non     |
|              | C) FUNCTION                                                              |                                                             | 3/6/07  | non     |
| 690          | PACK                                                                     |                                                             | 3/28/07 | PA      |

F004 REV 5/2006

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6635173.\_\_\_0  
FILE DATE AND TIME: 03/06/2007 11:28

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.068 |
| The Average Y Centroid of the Five Target Set:              | 0.045  |
| The Average Point of Impact of the Five Target Set:         | 0.081  |
| The Average Mean Radius of the Five Target Set:             | 0.753  |
| The Distance from POA to Centroid Target #1:                | 0.228  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.268  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.242  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.092  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.318  |

**BARBER - M24 0143025**

SERIAL NUMBER: G6635173. 0

TARGET NUMBER: 1

FILE DATE: 03/06/2007

FILE TIME: 11:28

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.019 | 1.102  |
| 2:     | -0.745 | 1.112  |
| 3:     | -0.568 | 0.424  |
| 4:     | -0.130 | 0.392  |
| 5:     | -0.251 | 0.264  |
| 6:     | -0.218 | -0.124 |
| 7:     | -0.527 | -0.778 |
| 8:     | 0.458  | -0.350 |
| 9:     | 0.901  | -0.502 |
| 10:    | 1.012  | 0.466  |

X CENTROID: -0.109

Y CENTROID: 0.201

POA TO CENTROID: 0.228

HORZ SPREAD: 2.031

VERT SPREAD: 1.890

GROUP SPREAD: 2.502

MIN RADIUS: 0.156

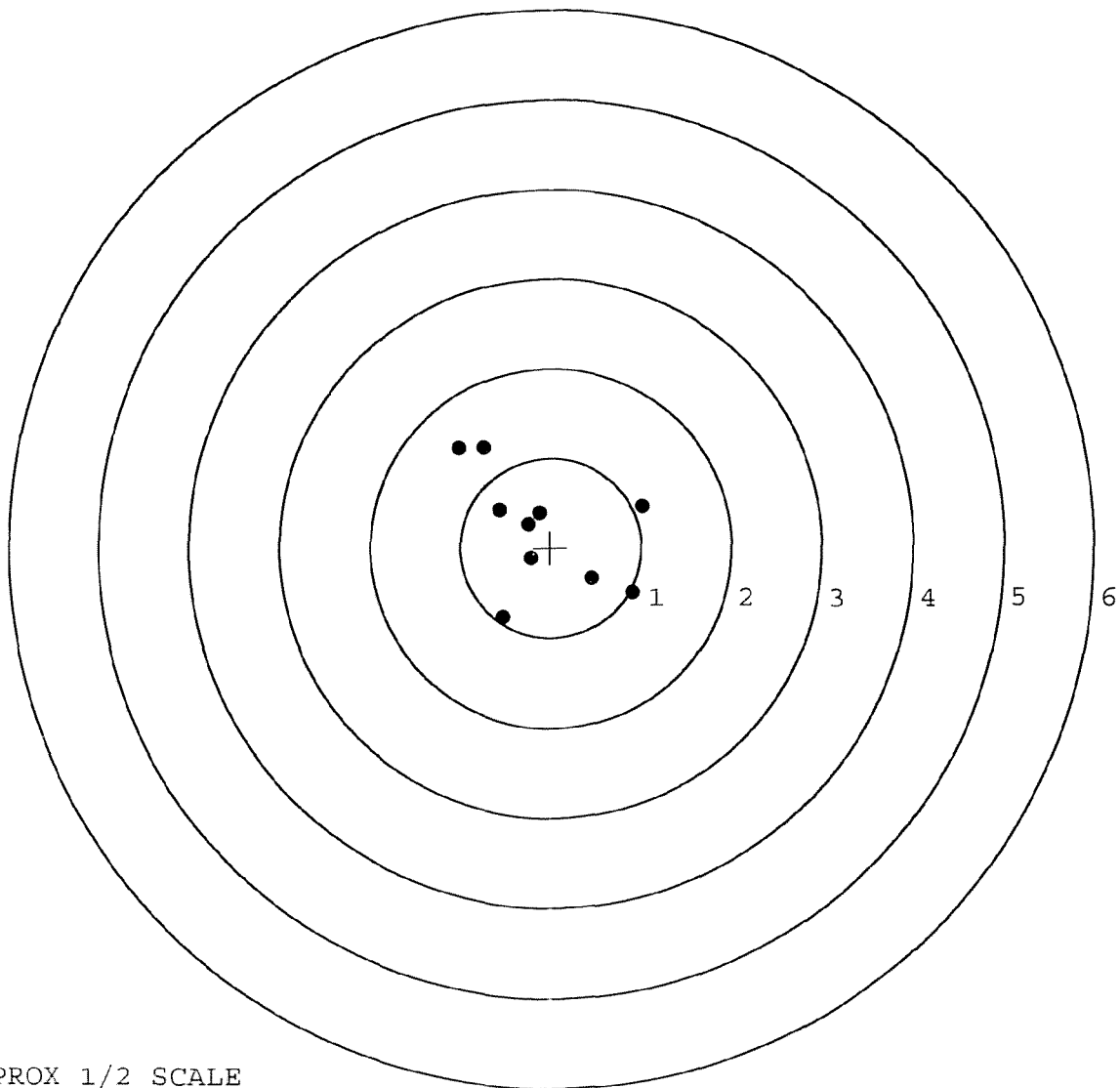
MAX RADIUS: 1.281

MEAN RADIUS: 0.783

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 5

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0143026**

SERIAL NUMBER: G6635173. \_\_0

TARGET NUMBER: 2

FILE DATE: 03/06/2007

FILE TIME: 11:28

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.939 | -0.558 |
| 2:     | -1.049 | 0.449  |
| 3:     | -0.527 | 0.632  |
| 4:     | 0.595  | 0.359  |
| 5:     | 0.511  | 0.043  |
| 6:     | 0.218  | -0.120 |
| 7:     | 0.020  | -0.039 |
| 8:     | -0.020 | 0.228  |
| 9:     | 0.011  | -0.459 |
| 10:    | 0.709  | -1.133 |

X CENTROID: -0.047

Y CENTROID: -0.060

POA TO CENTROID: 0.076

HORZ SPREAD: 1.758

VERT SPREAD: 1.765

GROUP SPREAD: 2.365

MIN RADIUS: 0.070

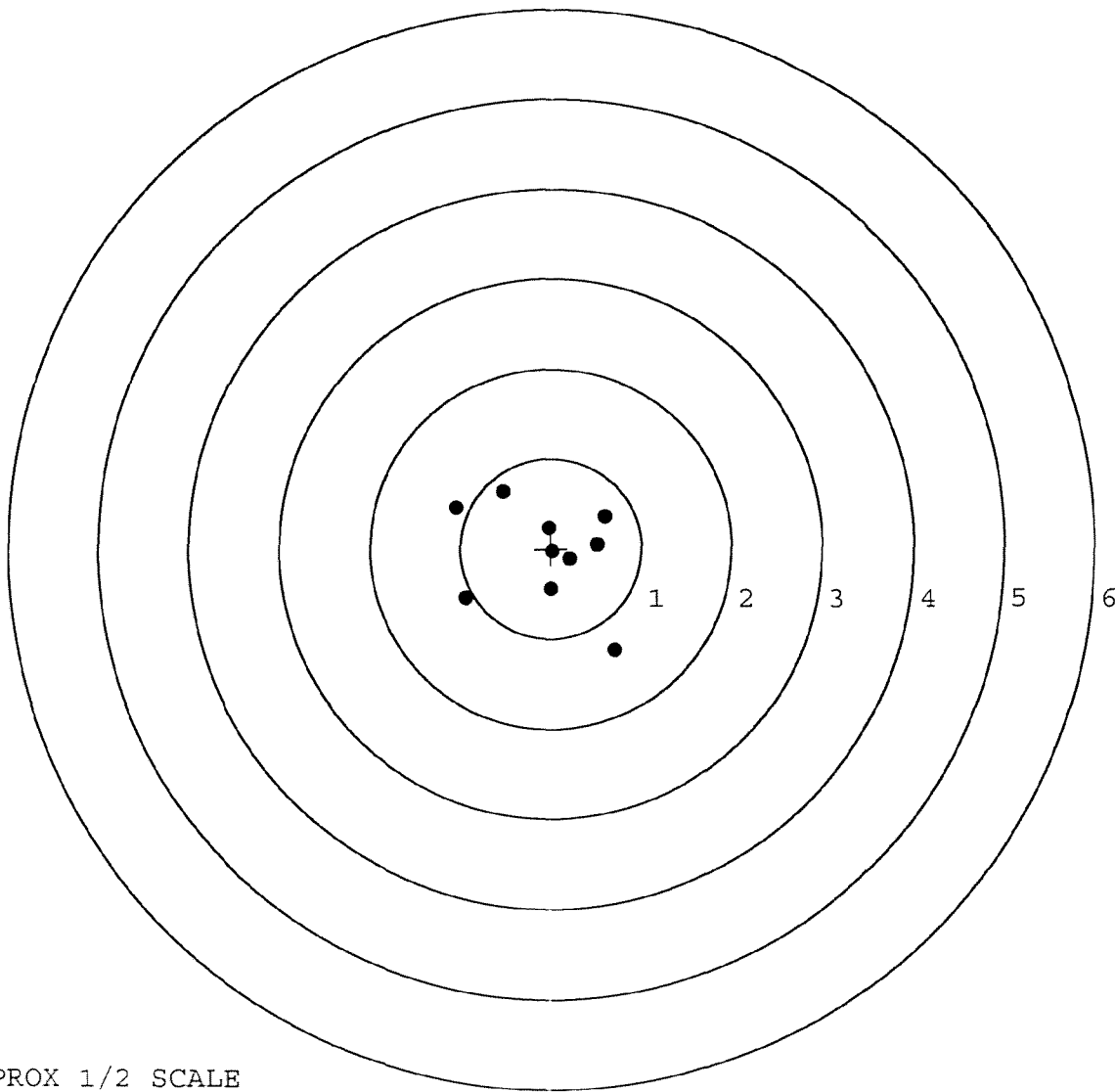
MAX RADIUS: 1.313

MEAN RADIUS: 0.667

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0143027**

SERIAL NUMBER: G6635173. \_\_0

TARGET NUMBER: 3

FILE DATE: 03/06/2007

FILE TIME: 11:28

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.240 | 0.278  |
| 2:     | -0.916 | -0.038 |
| 3:     | -0.556 | -0.657 |
| 4:     | -0.019 | -0.058 |
| 5:     | 0.710  | -0.315 |
| 6:     | 0.465  | -0.134 |
| 7:     | 0.756  | 0.163  |
| 8:     | 0.736  | 0.880  |
| 9:     | 0.392  | 0.732  |
| 10:    | 0.689  | -0.032 |

X CENTROID: 0.102

Y CENTROID: 0.082

POA TO CENTROID: 0.131

HORZ SPREAD: 1.996

VERT SPREAD: 1.537

GROUP SPREAD: 2.066

MIN RADIUS: 0.185

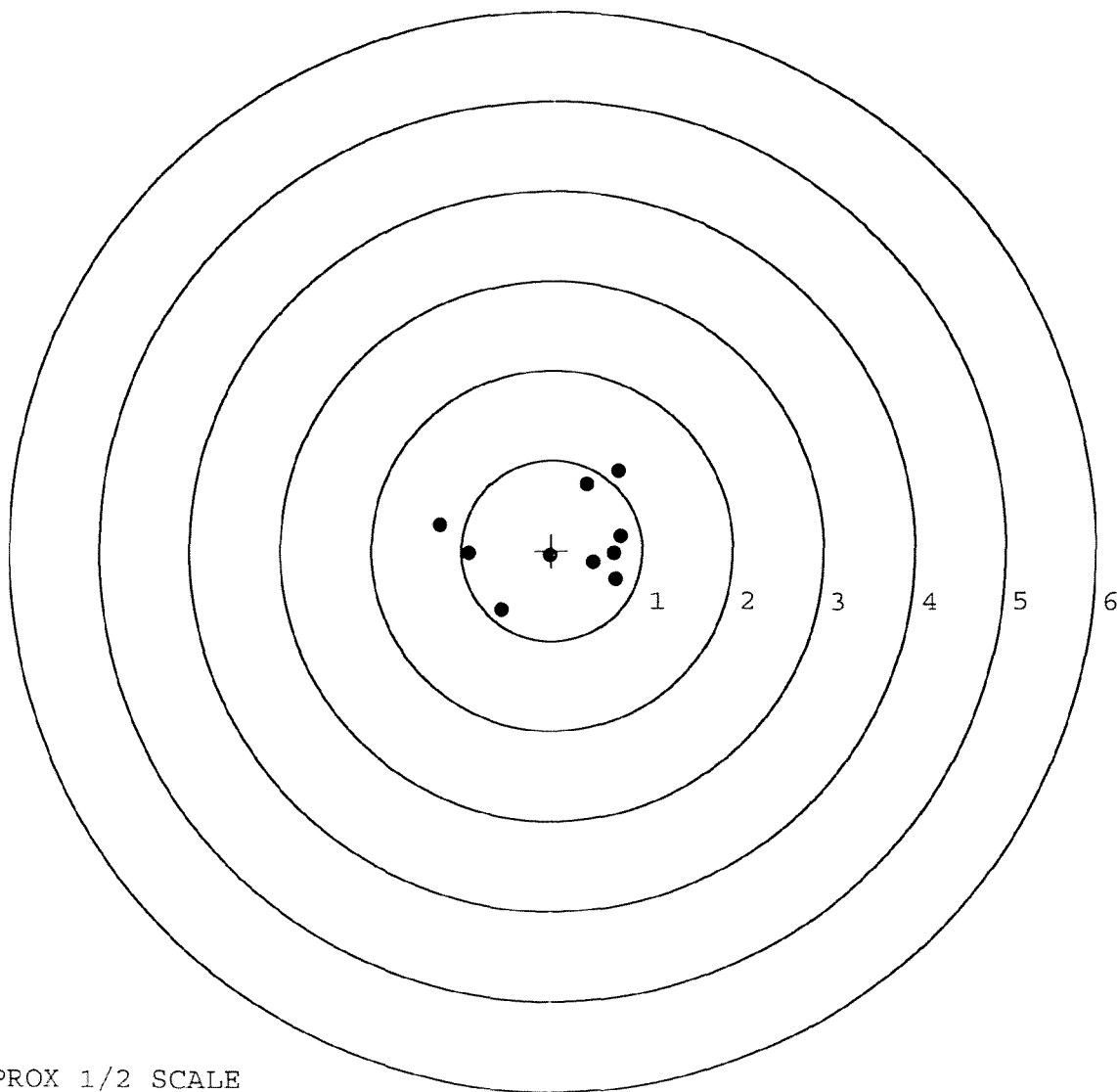
MAX RADIUS: 1.356

MEAN RADIUS: 0.769

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10



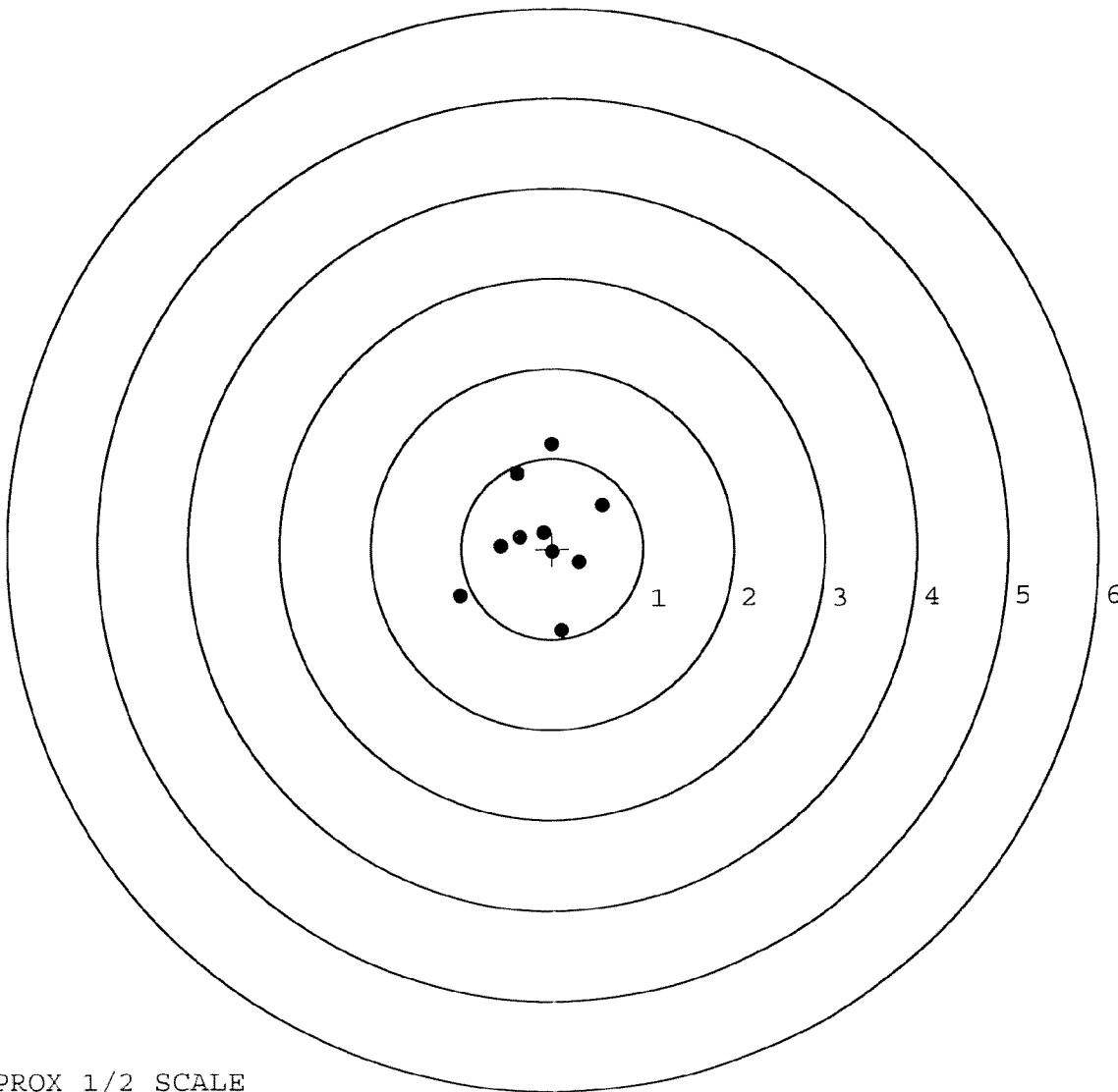
TARGET APPROX 1/2 SCALE

**BARBER - M24 0143028**

SERIAL NUMBER: G6635173. \_\_0  
 TARGET NUMBER: 4  
 FILE DATE: 03/06/2007  
 FILE TIME: 11:28

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.002  | 1.154  |
| 2:     | -0.382 | 0.829  |
| 3:     | 0.557  | 0.467  |
| 4:     | 0.103  | -0.910 |
| 5:     | 0.294  | -0.154 |
| 6:     | 0.002  | -0.035 |
| 7:     | -0.095 | 0.178  |
| 8:     | -0.571 | 0.028  |
| 9:     | -1.016 | -0.520 |
| 10:    | -0.357 | 0.129  |

X CENTROID: -0.146  
 Y CENTROID: 0.117  
 POA TO CENTROID: 0.187  
 HORZ SPREAD: 1.573  
 VERT SPREAD: 2.064  
 GROUP SPREAD: 1.959  
 MIN RADIUS: 0.080  
 MAX RADIUS: 1.078  
 MEAN RADIUS: 0.617  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 7  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0143029**

SERIAL NUMBER: G6635173. \_\_ 0

TARGET NUMBER: 5

FILE DATE: 03/06/2007

FILE TIME: 11:28

X CENTROID: -0.139

Y CENTROID: -0.116

POA TO CENTROID: 0.181

HORZ SPREAD: 1.417

VERT SPREAD: 3.566

GROUP SPREAD: 3.586

MIN RADIUS: 0.312

MAX RADIUS: 1.831

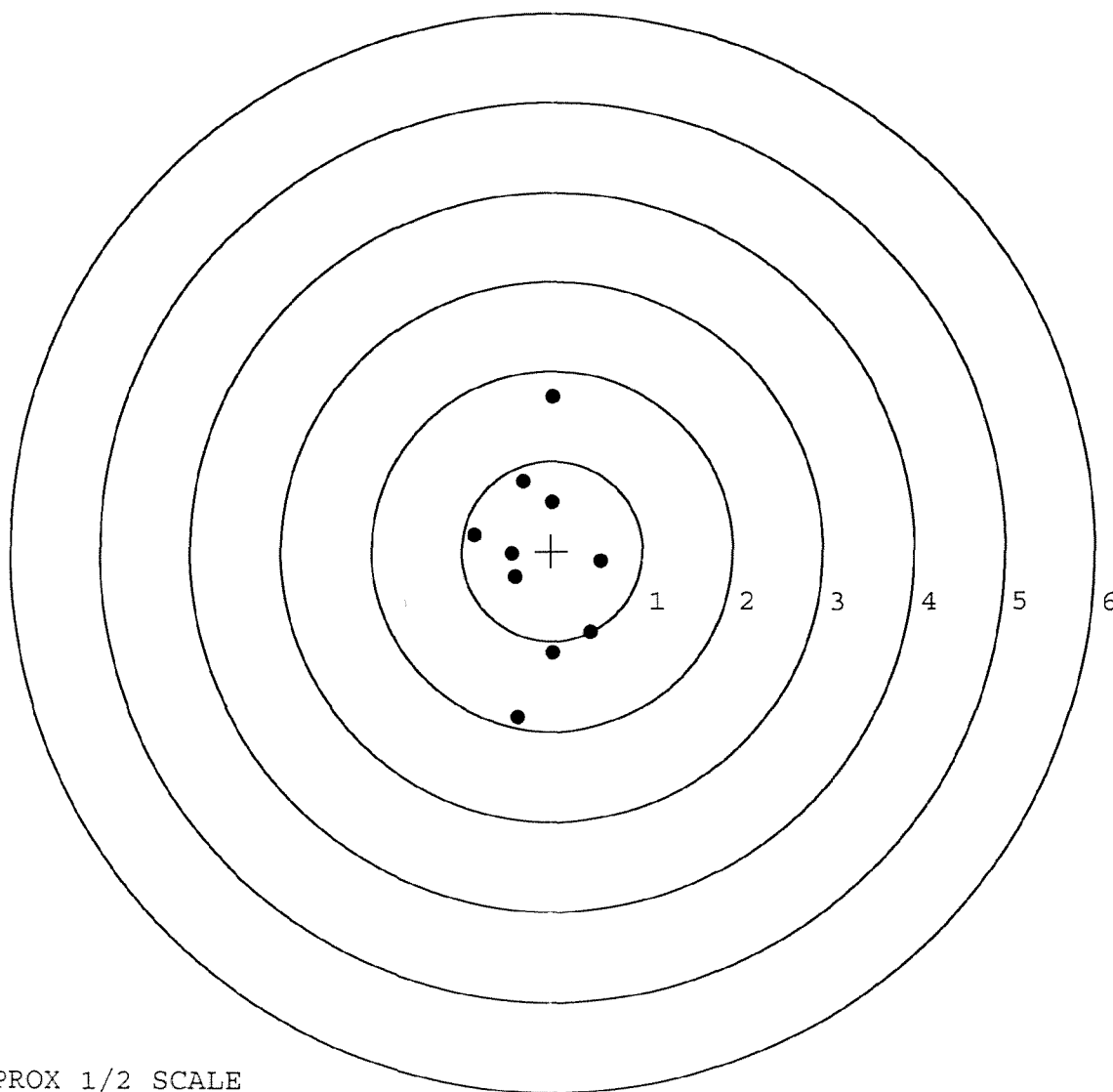
MEAN RADIUS: 0.928

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 8

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.403 | -0.294 |
| 2:     | -0.441 | -0.037 |
| 3:     | -0.866 | 0.167  |
| 4:     | -0.326 | 0.773  |
| 5:     | 0.001  | 0.541  |
| 6:     | 0.551  | -0.116 |
| 7:     | 0.434  | -0.910 |
| 8:     | 0.019  | -1.135 |
| 9:     | -0.370 | -1.857 |
| 10:    | 0.007  | 1.709  |

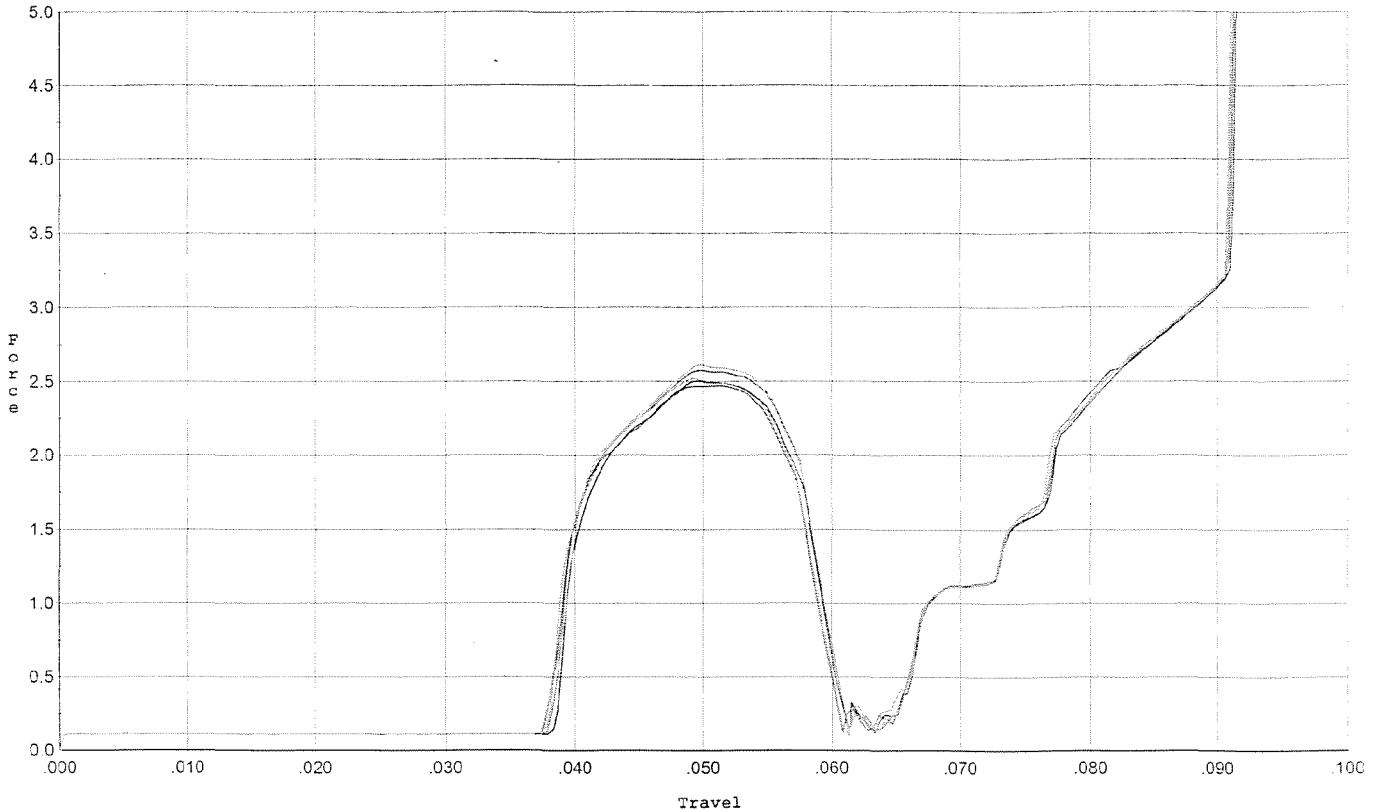


TARGET APPROX 1/2 SCALE

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 2/28/07

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



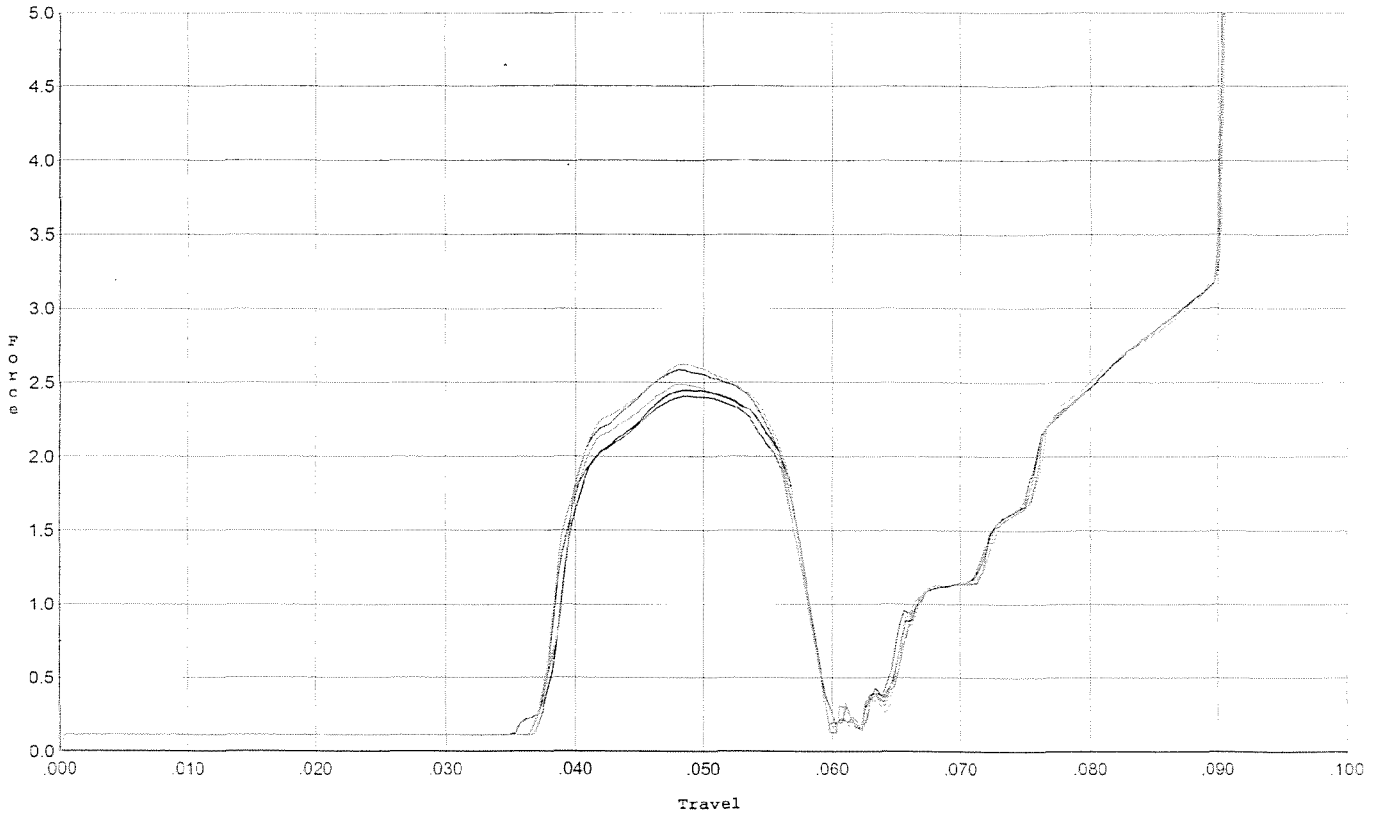
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.473      | 0.057             | 0.038           | 0.039      | 0.045             |           | Set Trigger |
| 2 | 2.504      | 0.058             | 0.039           | 0.039      | 0.046             |           | Set Trigger |
| 3 | 2.574      | 0.058             | 0.038           | 0.039      | 0.047             |           | Set Trigger |
| 4 | 2.611      | 0.058             | 0.038           | 0.039      | 0.048             |           | Set Trigger |
| 5 | 2.521      | 0.059             | 0.038           | 0.039      | 0.047             |           | Set Trigger |

Avg 2.53

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 2/28/07

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



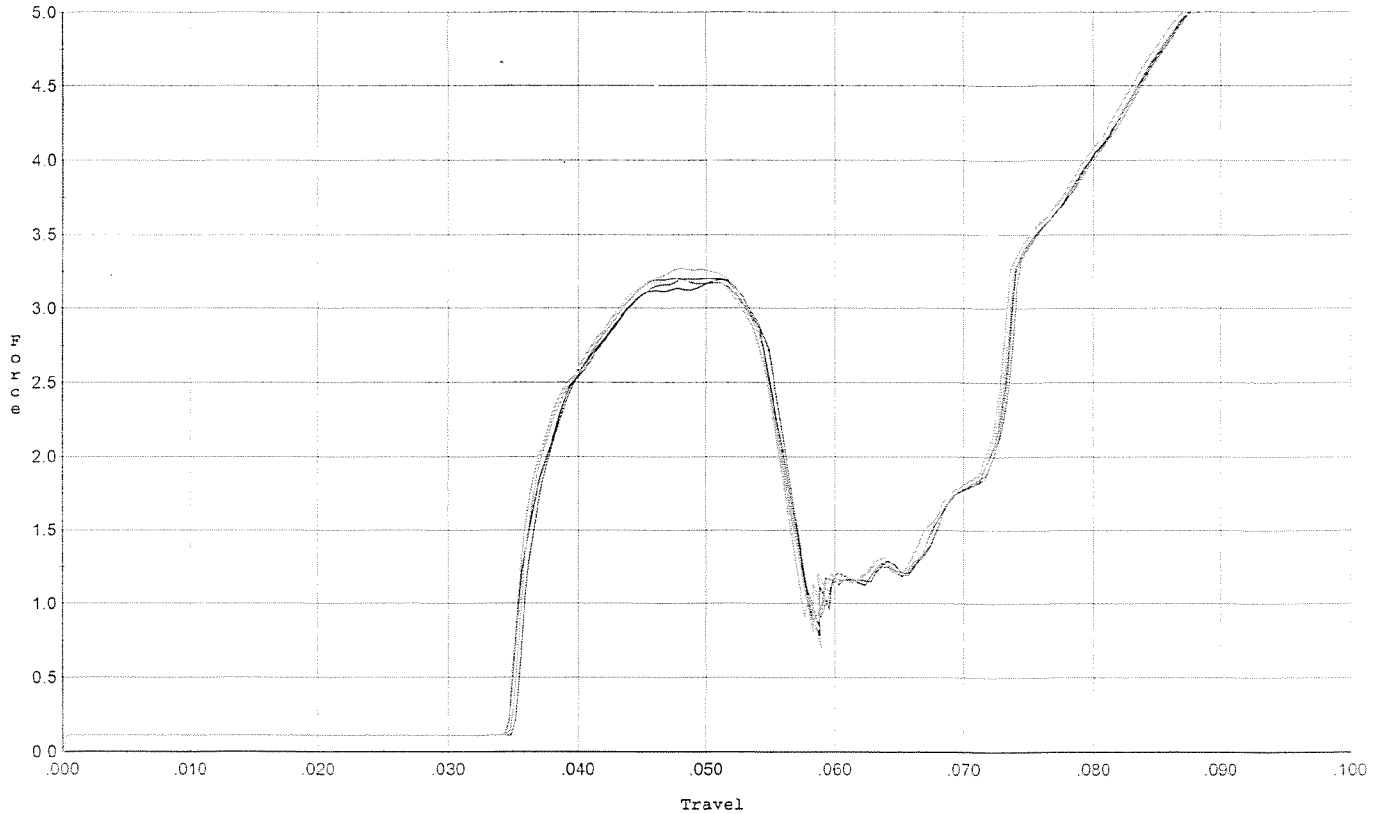
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.406      | 0.058             | 0.036           | 0.039      | 0.045             |           | Set Trigger |
| 2 | 2.450      | 0.057             | 0.037           | 0.039      | 0.045             |           | Set Trigger |
| 3 | 2.588      | 0.057             | 0.037           | 0.039      | 0.047             |           | Set Trigger |
| 4 | 2.628      | 0.057             | 0.037           | 0.039      | 0.047             |           | Set Trigger |
| 5 | 2.491      | 0.058             | 0.037           | 0.039      | 0.046             |           | Set Trigger |

AVG 2.51

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putsch 2/28/07

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



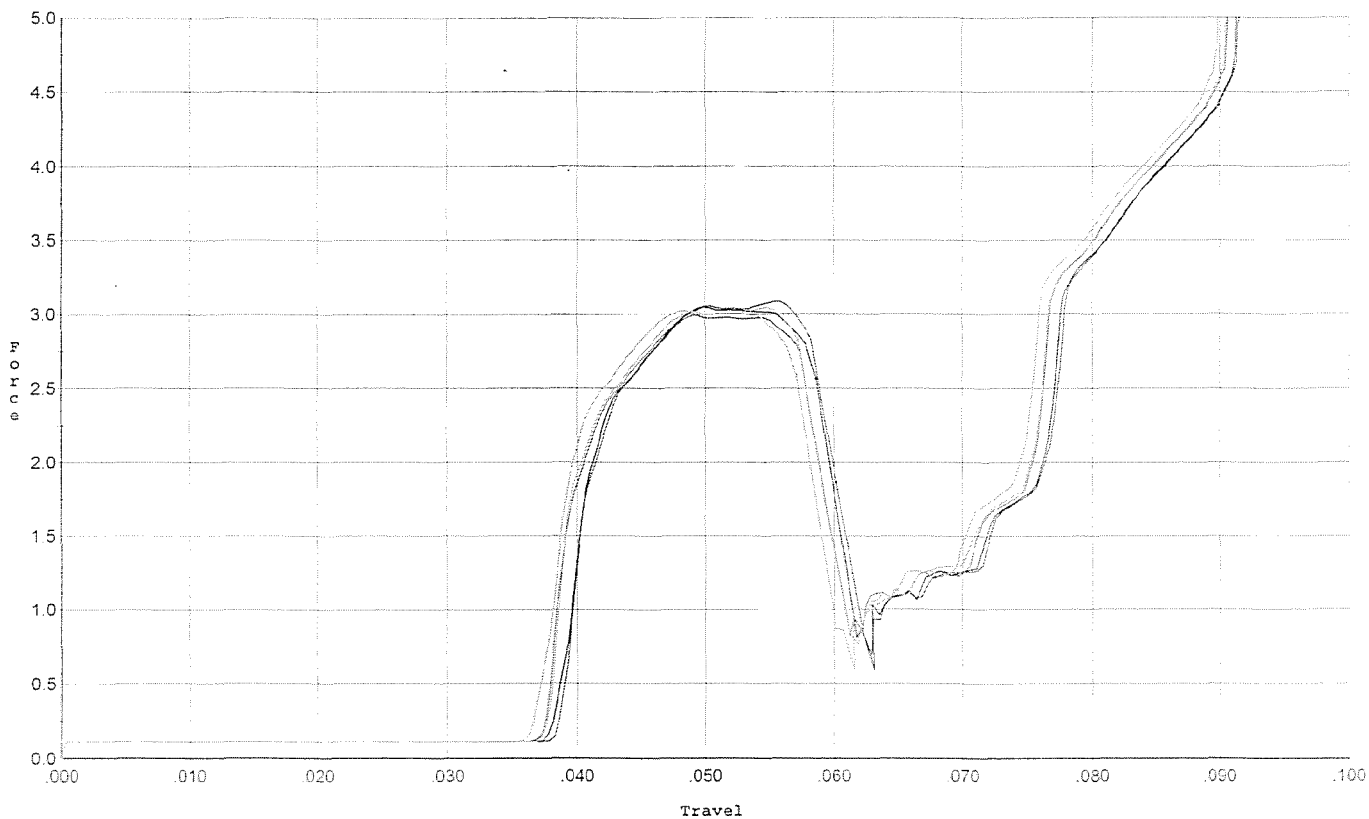
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.204      | 0.055             | 0.035           | 0.036      | 0.059             |           | Set Trigger |
| 2 | 3.196      | 0.056             | 0.035           | 0.036      | 0.061             |           | Set Trigger |
| 3 | 3.208      | 0.054             | 0.035           | 0.036      | 0.059             |           | Set Trigger |
| 4 | 3.270      | 0.054             | 0.035           | 0.036      | 0.059             |           | Set Trigger |
| 5 | 3.197      | 0.055             | 0.035           | 0.036      | 0.060             |           | Set Trigger |

Avg 3.21

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 2/28/07

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



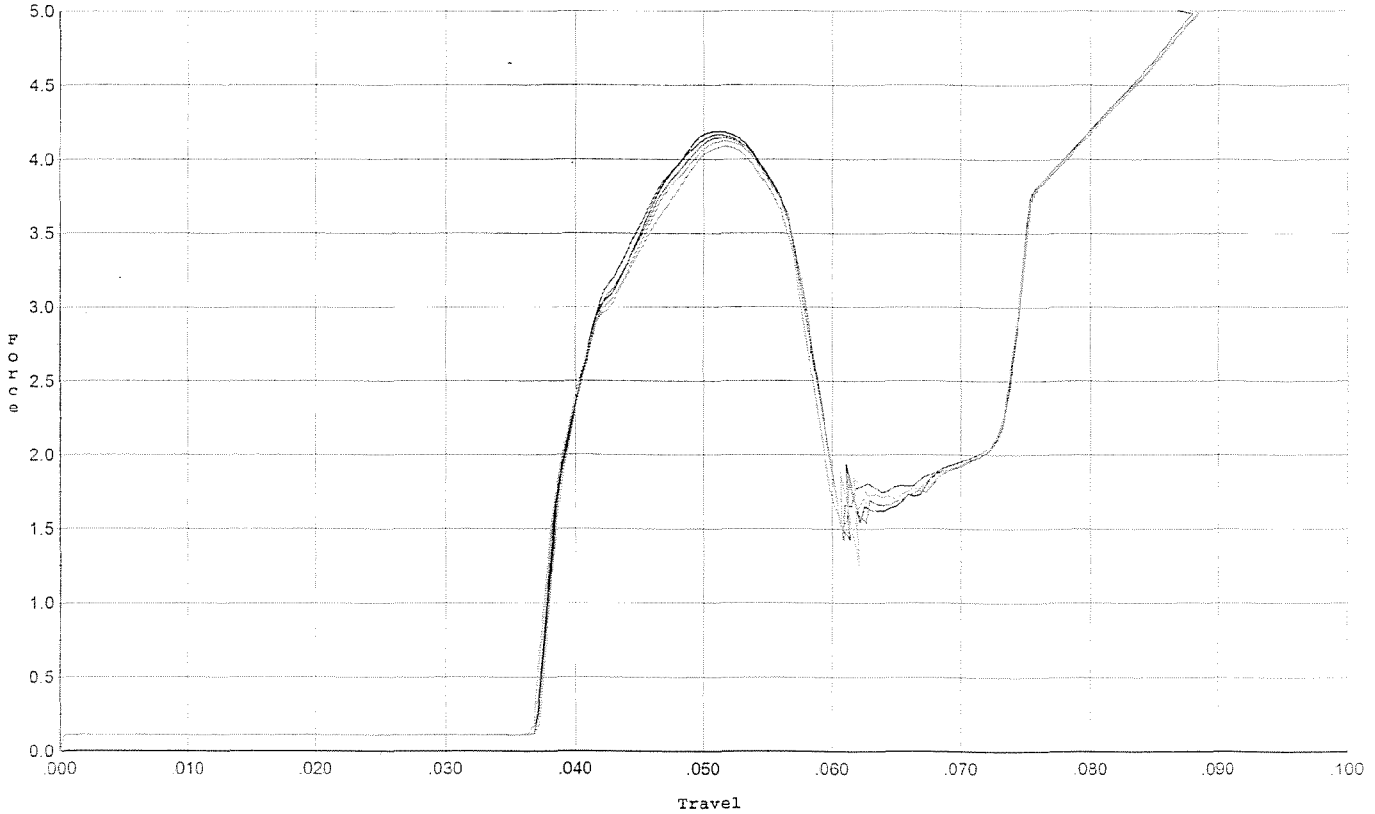
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.090      | 0.060             | 0.039           | 0.038      | 0.061             |           | Set Trigger |
| 2 | 3.049      | 0.059             | 0.038           | 0.038      | 0.059             |           | Set Trigger |
| 3 | 2.989      | 0.057             | 0.038           | 0.038      | 0.057             |           | Set Trigger |
| 4 | 3.049      | 0.057             | 0.038           | 0.038      | 0.058             |           | Set Trigger |
| 5 | 3.024      | 0.057             | 0.037           | 0.037      | 0.058             |           | Set Trigger |

Avg 3.04

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 2/28/07

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



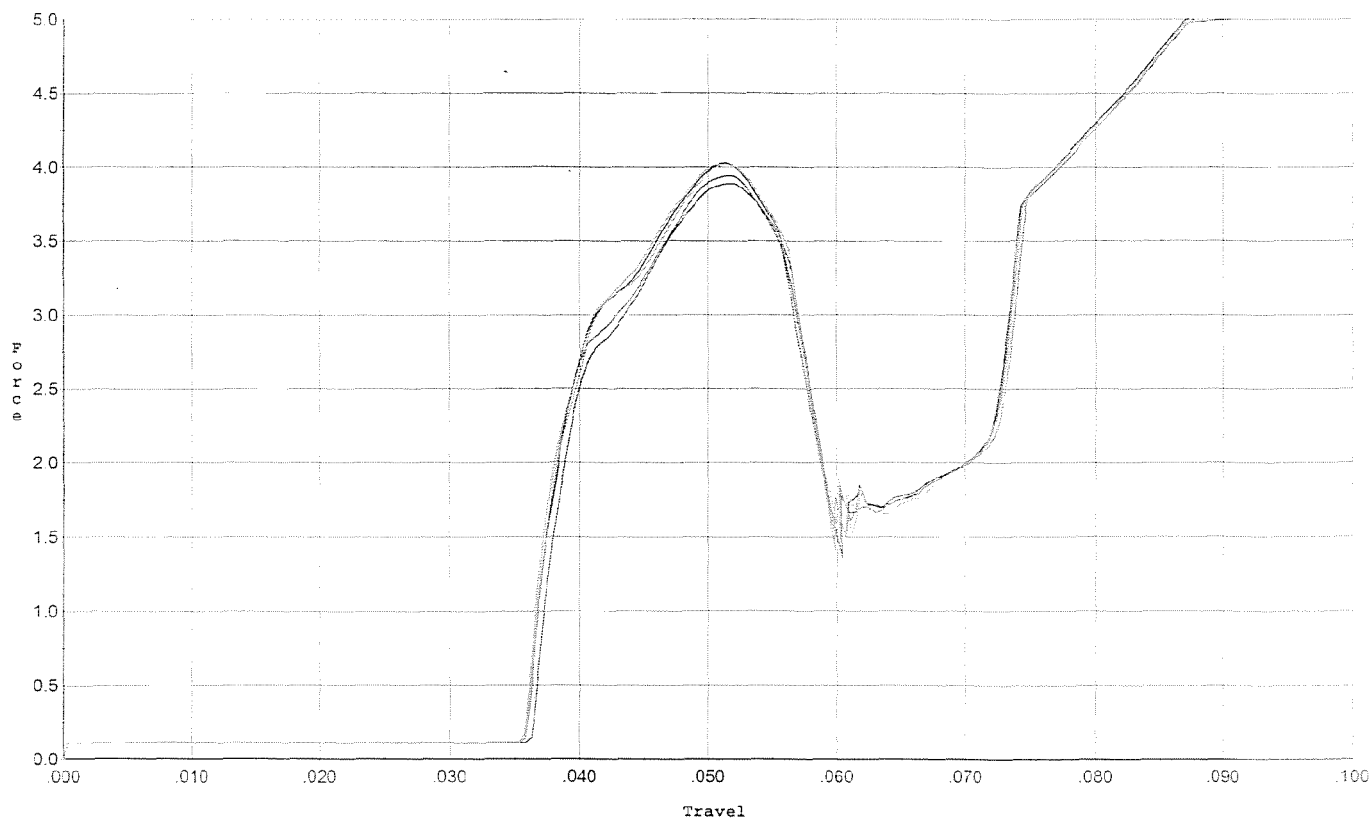
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.170      | 0.058             | 0.037           | 0.037      | 0.076             |           | Set Trigger |
| 2 | 4.186      | 0.058             | 0.037           | 0.037      | 0.076             |           | Set Trigger |
| 3 | 4.146      | 0.058             | 0.037           | 0.037      | 0.076             |           | Set Trigger |
| 4 | 4.123      | 0.058             | 0.037           | 0.037      | 0.074             |           | Set Trigger |
| 5 | 4.088      | 0.057             | 0.037           | 0.037      | 0.072             |           | Set Trigger |

AVG 4.14

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 2/28/07

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



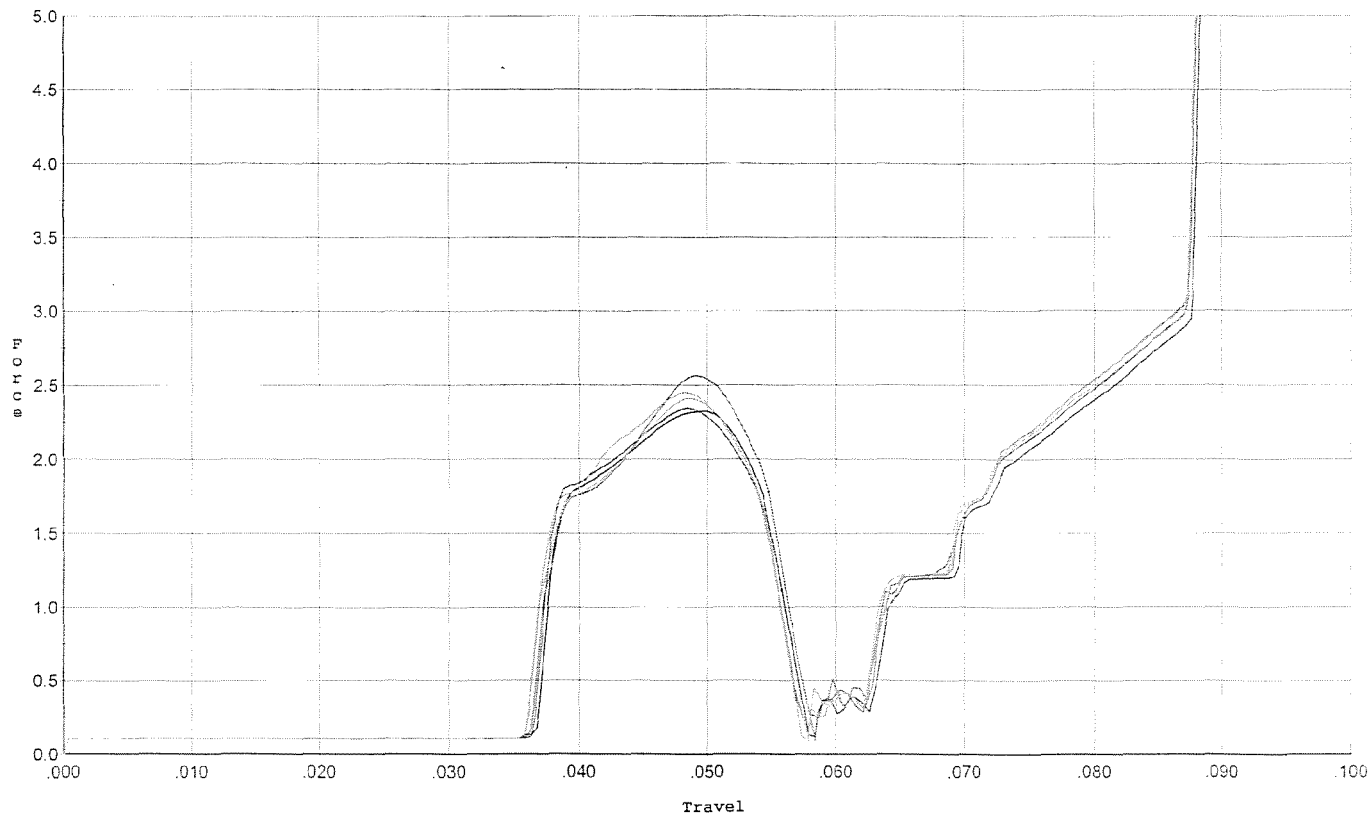
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.888      | 0.056             | 0.037           | 0.037      | 0.069             |           | Set Trigger |
| 2 | 4.027      | 0.057             | 0.036           | 0.036      | 0.073             |           | Set Trigger |
| 3 | 3.942      | 0.056             | 0.036           | 0.036      | 0.069             |           | Set Trigger |
| 4 | 4.015      | 0.056             | 0.036           | 0.036      | 0.072             |           | Set Trigger |
| 5 | 4.020      | 0.057             | 0.036           | 0.036      | 0.073             |           | Set Trigger |

Avg 3.97

## Trigger Profile [ lbs,inch ]

Profile: SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 2/28/07

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



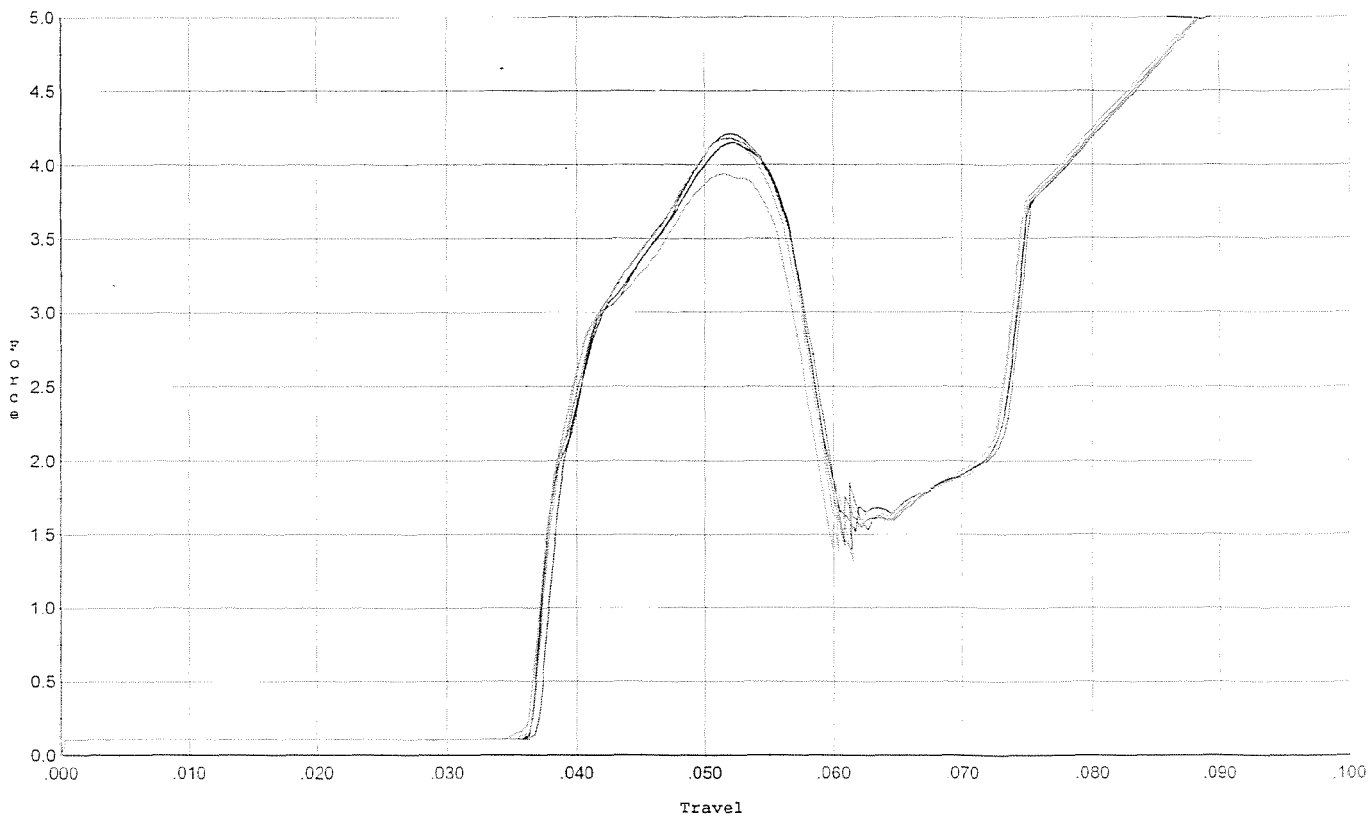
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.348      | 0.055             | 0.037           | 0.038      | 0.040             |           | Set Trigger |
| 2 | 2.327      | 0.056             | 0.037           | 0.038      | 0.041             |           | Set Trigger |
| 3 | 2.566      | 0.055             | 0.036           | 0.038      | 0.042             |           | Set Trigger |
| 4 | 2.410      | 0.055             | 0.036           | 0.038      | 0.041             |           | Set Trigger |
| 5 | 2.453      | 0.055             | 0.036           | 0.038      | 0.042             |           | Set Trigger |

Avg 2.42

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 2/28/07

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 | 4.210      | 0.058             | 0.037           | 0.037      | 0.075             |           | Set Trigger |
| 2 | 4.150      | 0.057             | 0.037           | 0.037      | 0.073             |           | Set Trigger |
| 3 | 4.182      | 0.057             | 0.037           | 0.037      | 0.074             |           | Set Trigger |
| 4 | 4.174      | 0.057             | 0.037           | 0.037      | 0.074             |           | Set Trigger |
| 5 | 3.938      | 0.057             | 0.036           | 0.037      | 0.071             |           | Set Trigger |

Avg 4.13