

G6624747

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



DD FORM

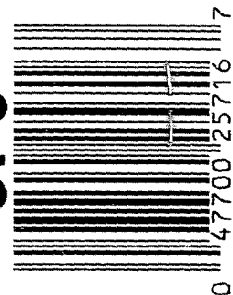
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

**G6624747**

**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 # G6624747

| OP #            | OPERATION NAME                                                                                                                         | READINGS                | DATE     | INITIAL |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------|---------|
| 410             | SERIALIZE BOLT HANDLE                                                                                                                  |                         | 12-27-06 | RTZ     |
| 420             | ASSEMBLE ACTION                                                                                                                        |                         | 12-28-06 | RTZ     |
| 430             | ASSEMBLE TO STOCK                                                                                                                      |                         |          |         |
| 440             | PROOF                                                                                                                                  | MAGNA-FLUX<br>INSPECTED | 12/28/06 | mon     |
| 460             | CHECK HEADSPACE                                                                                                                        | JAN 04 2007             | 12/28/06 | mon     |
| 470             | DIS-ASSEMBLE ACTION                                                                                                                    | OPERATOR <u>APD</u>     | 1-2-07   | RTZ     |
| 480             | MAGNAFLUX BBL ACTION                                                                                                                   |                         | 1-4-07   | APD     |
| 490             | MAGNAFLUX BOLT                                                                                                                         |                         |          |         |
| 500             | ROLLMARK CALIBER                                                                                                                       |                         | 1-4-07   | CW      |
| 510             | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                         | 1-3-07   | TRW     |
| 520             | GOFF BLAST BBL / REC                                                                                                                   |                         | 1-4-07   | LB      |
| 530 &<br>540    | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                         |          |         |
|                 | (BOLT)                                                                                                                                 |                         | 1/12/07  | FB      |
| 560             | RE-ASSEMBLE ACTION                                                                                                                     |                         |          |         |
|                 | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                         | 1-16-07  | DA      |
|                 | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                         | 1-16-07  | DA      |
|                 | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                         | 1-16-07  | DA      |
|                 | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                         | 1-16-07  | APD     |
|                 | 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> |                         | 2/19/07  | 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>6.25</u> <u>6.25</u> <u>6.5</u>                          | 2-19-07 | TRW     |
| CONT.        |                                                                          |                                                             |         |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>3.0</u> <u>2.5</u> <u>2.75</u>                           | 2-19-07 | TRW     |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             | 2/19/07 | nom     |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.0245</u> <u>.025</u> <u>.0235</u>                       | 2-19-07 | TRW     |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 1-16-07 | A.P.W.  |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 2/19/07 | nom     |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 2/19/07 | nom     |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 2/19/07 | nom     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 2/19/07 | nom     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 1-24-07 | TRW     |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 1-24-07 | Fm      |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 2/19/07 | nom     |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.50</u> <u>2.35</u> <u>2.34</u> <u>2.39</u> <u>2.38</u> | 2-16-07 | TRW     |
|              | C) FUNCTION                                                              |                                                             | 2/19/07 | nom     |
| 690          | PACK                                                                     |                                                             | 2/23/07 | DA      |

F004 REV 5/2006

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6624747.\_\_0

FILE DATE AND TIME: 01/25/2007 07:28

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:              | 0.026  |
| The Average Point of Impact of the Five Target Set:         | 0.053  |
| The Average Mean Radius of the Five Target Set:             | 0.651  |
| The Distance from POA to Centroid Target #1:                | 0.152  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.268  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.189  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.251  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.260  |

**BARBER - M24 0141834**

SERIAL NUMBER: G6624747. \_\_0

TARGET NUMBER: 1

FILE DATE: 01/25/2007

FILE TIME: 07:28

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.766  | -1.096 |
| 2:     | -0.128 | -1.019 |
| 3:     | -0.604 | -0.368 |
| 4:     | -0.246 | -0.389 |
| 5:     | -0.054 | -0.108 |
| 6:     | 0.032  | 0.055  |
| 7:     | -0.038 | 0.445  |
| 8:     | 0.314  | 0.439  |
| 9:     | 0.453  | 0.207  |
| 10:    | -0.361 | 0.317  |

X CENTROID: 0.013

Y CENTROID: -0.152

POA TO CENTROID: 0.152

HORZ SPREAD: 1.370

VERT SPREAD: 1.541

GROUP SPREAD: 1.807

MIN RADIUS: 0.080

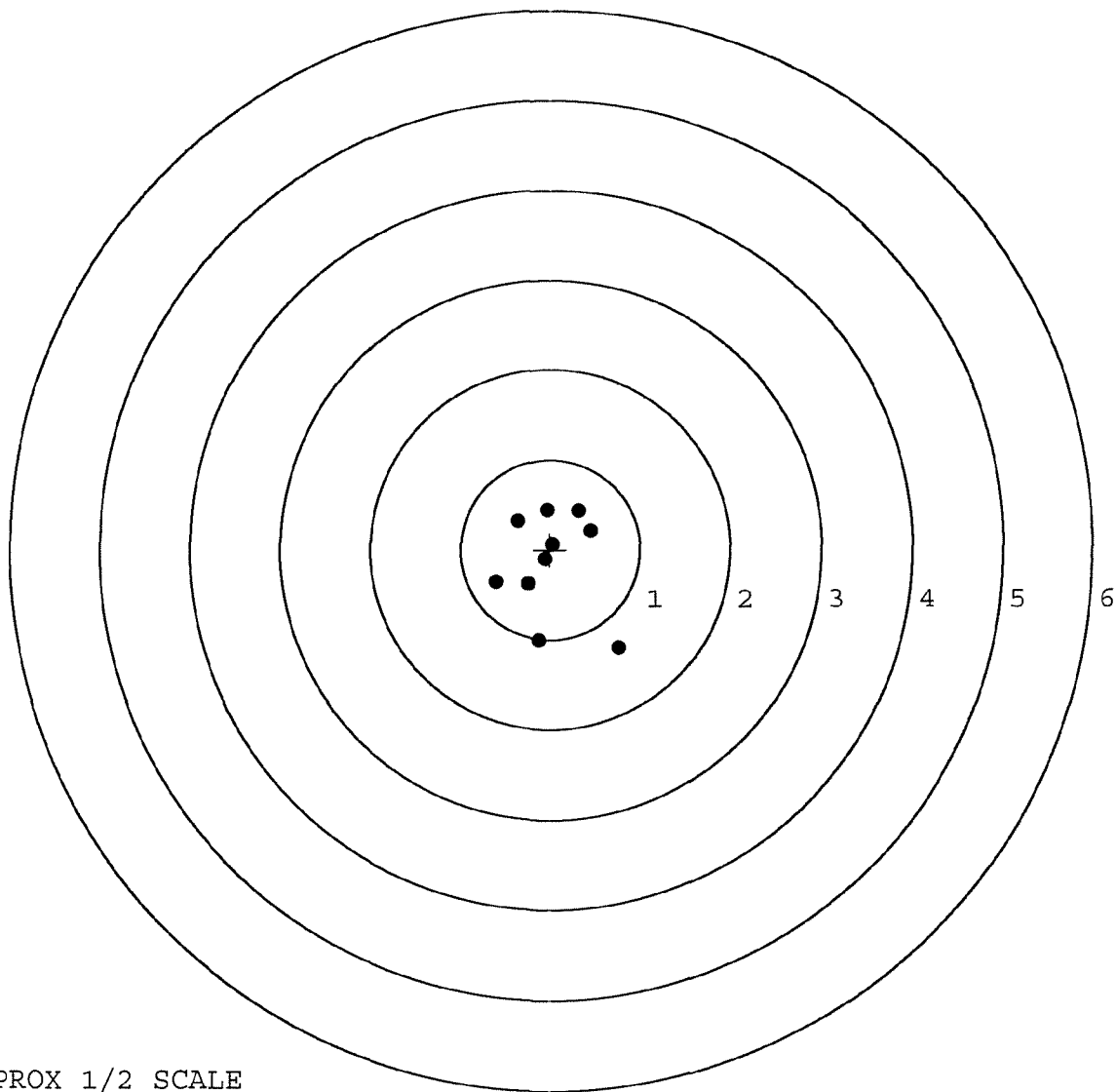
MAX RADIUS: 1.208

MEAN RADIUS: 0.581

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

# BARBER - M24 0141835

SERIAL NUMBER: G6624747. \_\_0

TARGET NUMBER: 2

FILE DATE: 01/25/2007

FILE TIME: 07:28

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.120 | 1.275  |
| 2:     | 0.308  | 0.560  |
| 3:     | 0.177  | 0.447  |
| 4:     | 0.409  | 0.260  |
| 5:     | 0.224  | 0.037  |
| 6:     | -0.210 | 0.097  |
| 7:     | -0.150 | -0.550 |
| 8:     | -0.420 | -0.405 |
| 9:     | -0.628 | -0.338 |
| 10:    | -0.852 | -0.612 |

X CENTROID: -0.126

Y CENTROID: 0.077

POA TO CENTROID: 0.148

HORZ SPREAD: 1.261

VERT SPREAD: 1.887

GROUP SPREAD: 2.024

MIN RADIUS: 0.086

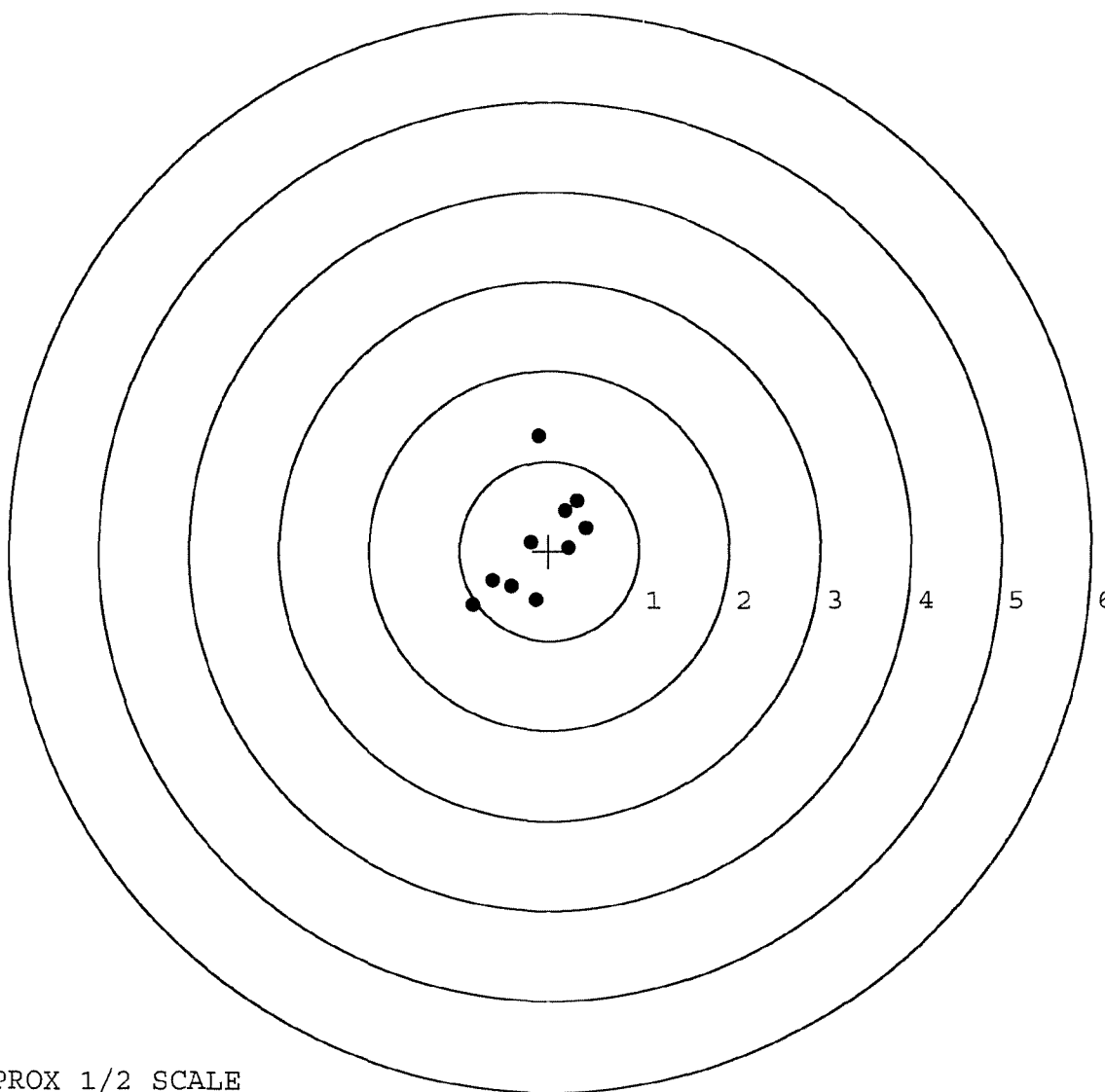
MAX RADIUS: 1.198

MEAN RADIUS: 0.617

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE



**BARBER - M24 0141836**

SERIAL NUMBER: G6624747. \_\_0

TARGET NUMBER: 3

FILE DATE: 01/25/2007

FILE TIME: 07:28

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.061  | 1.164  |
| 2:     | 0.647  | 0.455  |
| 3:     | 0.459  | 0.013  |
| 4:     | 0.021  | 0.416  |
| 5:     | -0.134 | 0.051  |
| 6:     | -0.690 | 0.287  |
| 7:     | -0.654 | -0.119 |
| 8:     | -0.199 | -1.152 |
| 9:     | 0.770  | -1.115 |
| 10:    | -0.198 | 0.368  |

X CENTROID: 0.008

Y CENTROID: 0.037

POA TO CENTROID: 0.038

HORZ SPREAD: 1.460

VERT SPREAD: 2.316

GROUP SPREAD: 2.387

MIN RADIUS: 0.143

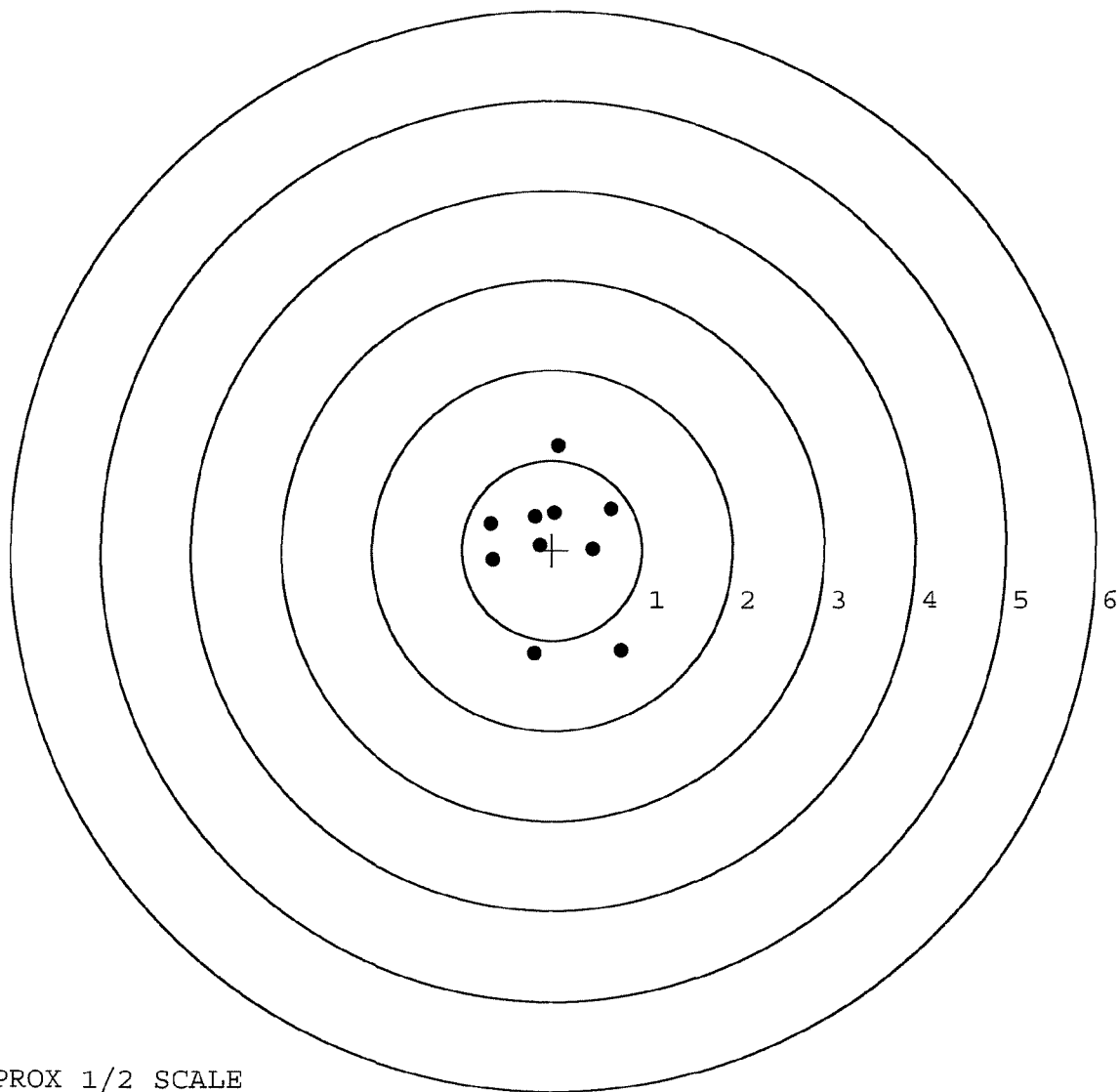
MAX RADIUS: 1.381

MEAN RADIUS: 0.727

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0141837**

SERIAL NUMBER: G6624747. \_\_0

TARGET NUMBER: 4

FILE DATE: 01/25/2007

FILE TIME: 07:28

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.102  | 0.109  |
| 2:     | -0.103 | 0.102  |
| 3:     | -0.028 | -0.267 |
| 4:     | -0.336 | -0.766 |
| 5:     | -0.306 | 0.515  |
| 6:     | -0.577 | 0.278  |
| 7:     | -0.993 | -0.020 |
| 8:     | 0.492  | -1.024 |
| 9:     | 0.912  | 0.347  |
| 10:    | -0.360 | 1.340  |

X CENTROID: -0.120

Y CENTROID: 0.061

POA TO CENTROID: 0.135

HORZ SPREAD: 1.905

VERT SPREAD: 2.364

GROUP SPREAD: 2.513

MIN RADIUS: 0.044

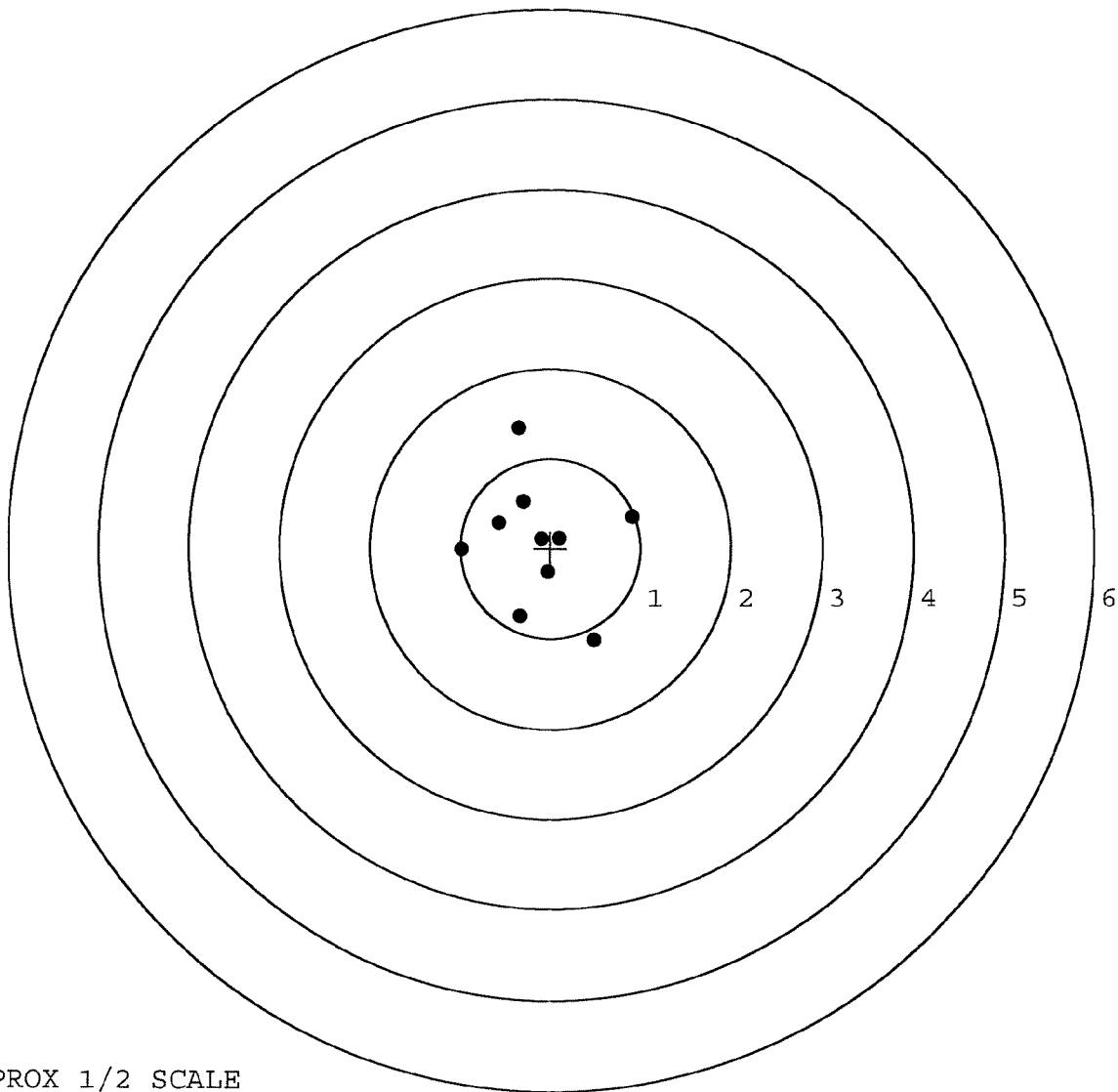
MAX RADIUS: 1.301

MEAN RADIUS: 0.696

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0141838**

SERIAL NUMBER: G6624747. \_\_ 0

TARGET NUMBER: 5

FILE DATE: 01/25/2007

FILE TIME: 07:28

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.496  | 1.177  |
| 2:     | 0.712  | 0.412  |
| 3:     | 0.767  | -0.045 |
| 4:     | 0.366  | 0.182  |
| 5:     | -0.369 | 0.309  |
| 6:     | -0.740 | -0.038 |
| 7:     | -0.819 | -0.206 |
| 8:     | -0.043 | 0.018  |
| 9:     | -0.252 | -0.194 |
| 10:    | -0.206 | -0.545 |

X CENTROID: -0.009

Y CENTROID: 0.107

POA TO CENTROID: 0.107

HORZ SPREAD: 1.586

VERT SPREAD: 1.722

GROUP SPREAD: 1.908

MIN RADIUS: 0.095

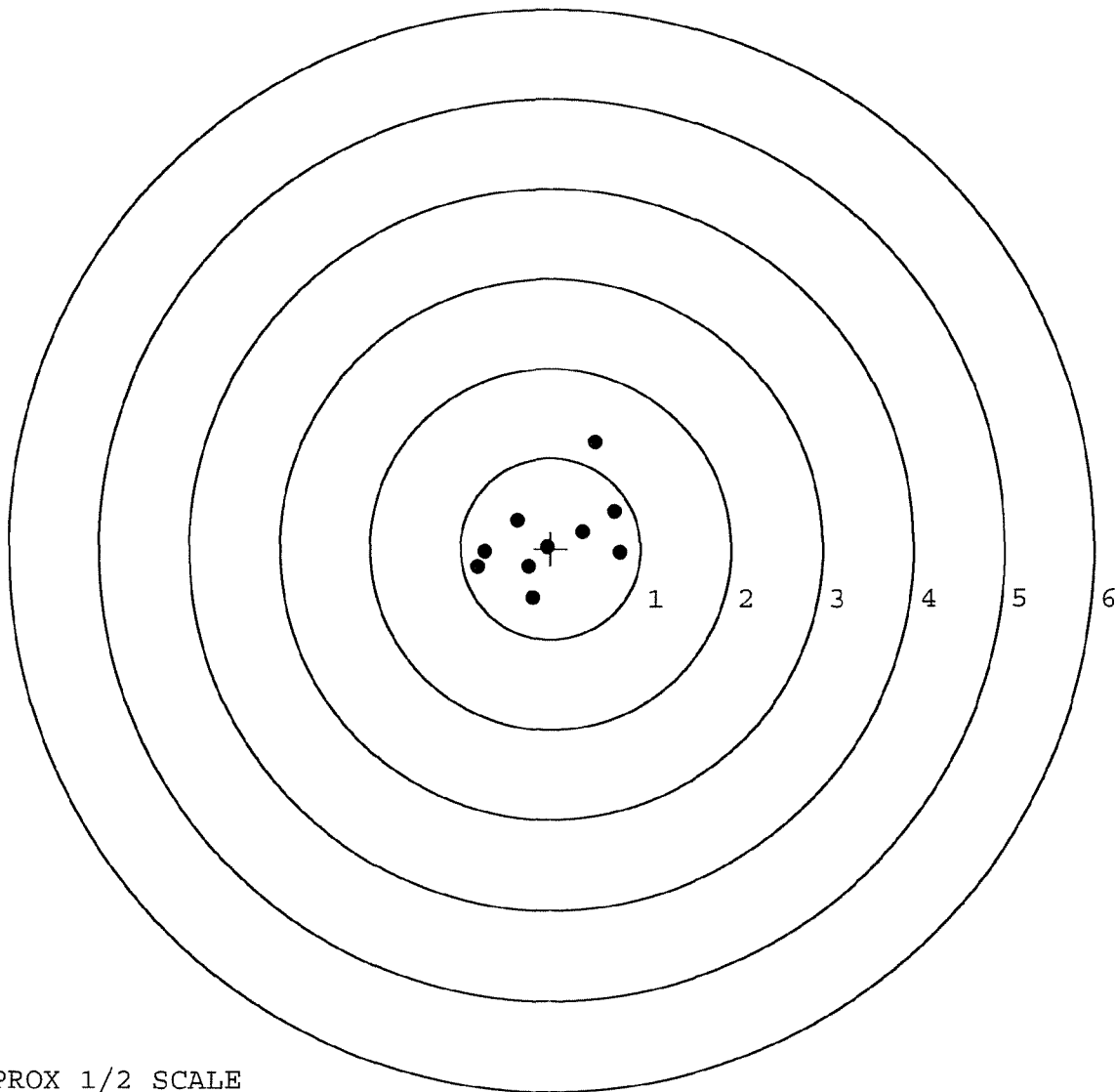
MAX RADIUS: 1.183

MEAN RADIUS: 0.633

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

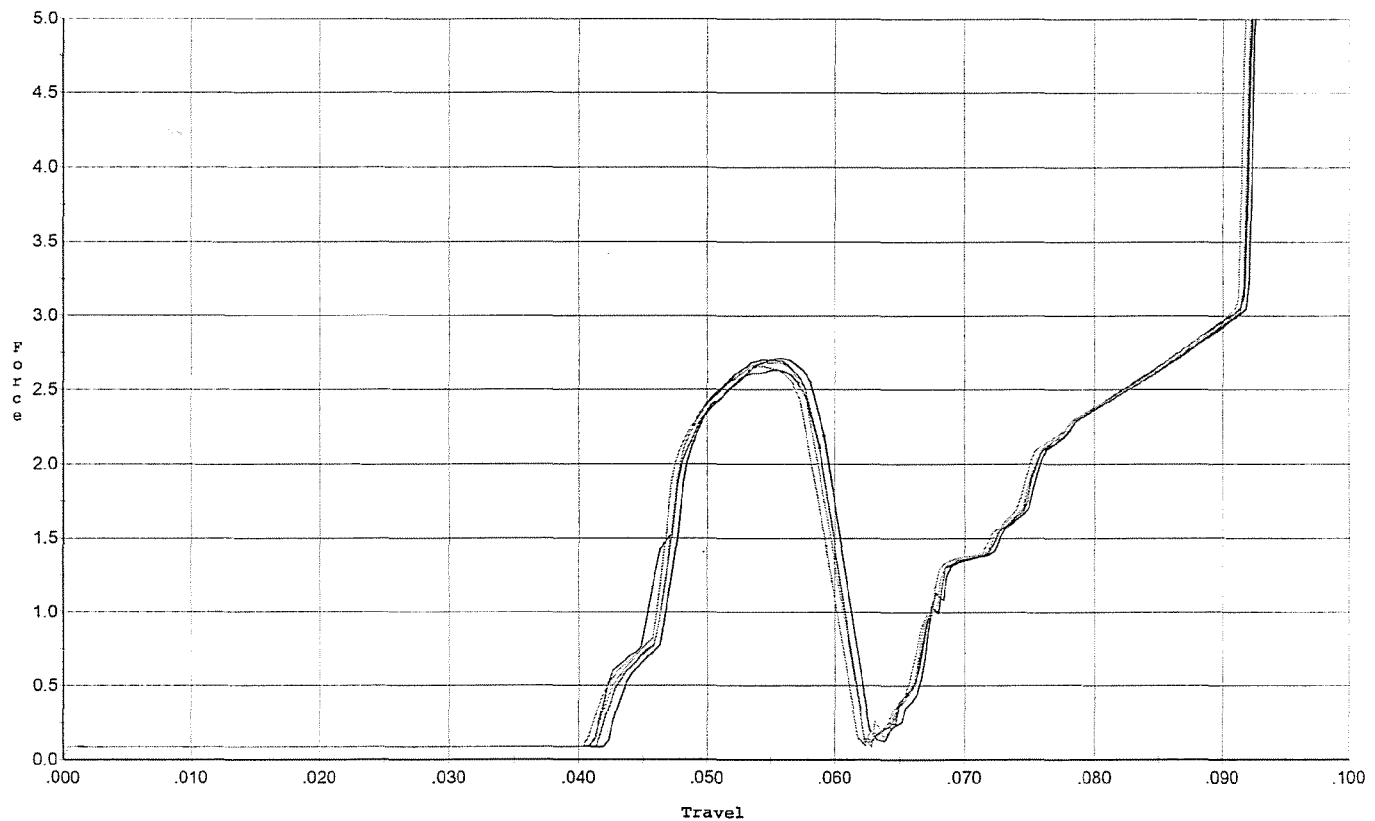


TARGET APPROX 1/2 SCALE

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: S. Day 1/2/07

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



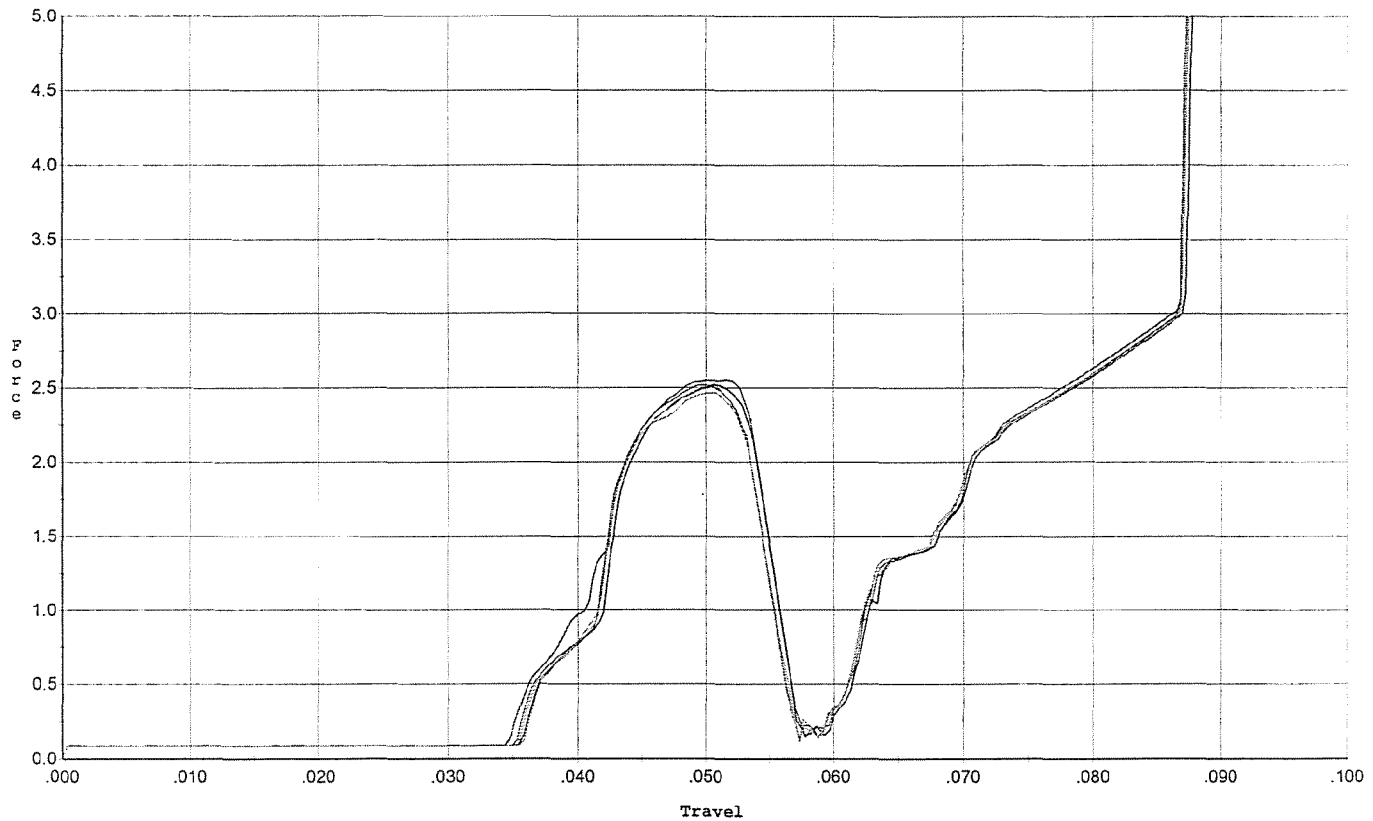
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.634      | 0.059             | 0.042           | 0.040      | 0.038             |           | Set Trigger |
| 2 | 2.710      | 0.059             | 0.043           | 0.040      | 0.038             |           | Set Trigger |
| 3 | 2.702      | 0.059             | 0.042           | 0.040      | 0.038             |           | Set Trigger |
| 4 | 2.688      | 0.060             | 0.041           | 0.040      | 0.038             |           | Set Trigger |
| 5 | 2.655      | 0.059             | 0.041           | 0.040      | 0.038             |           | Set Trigger |

Aug 2.67

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: S. Day 1/2/07

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



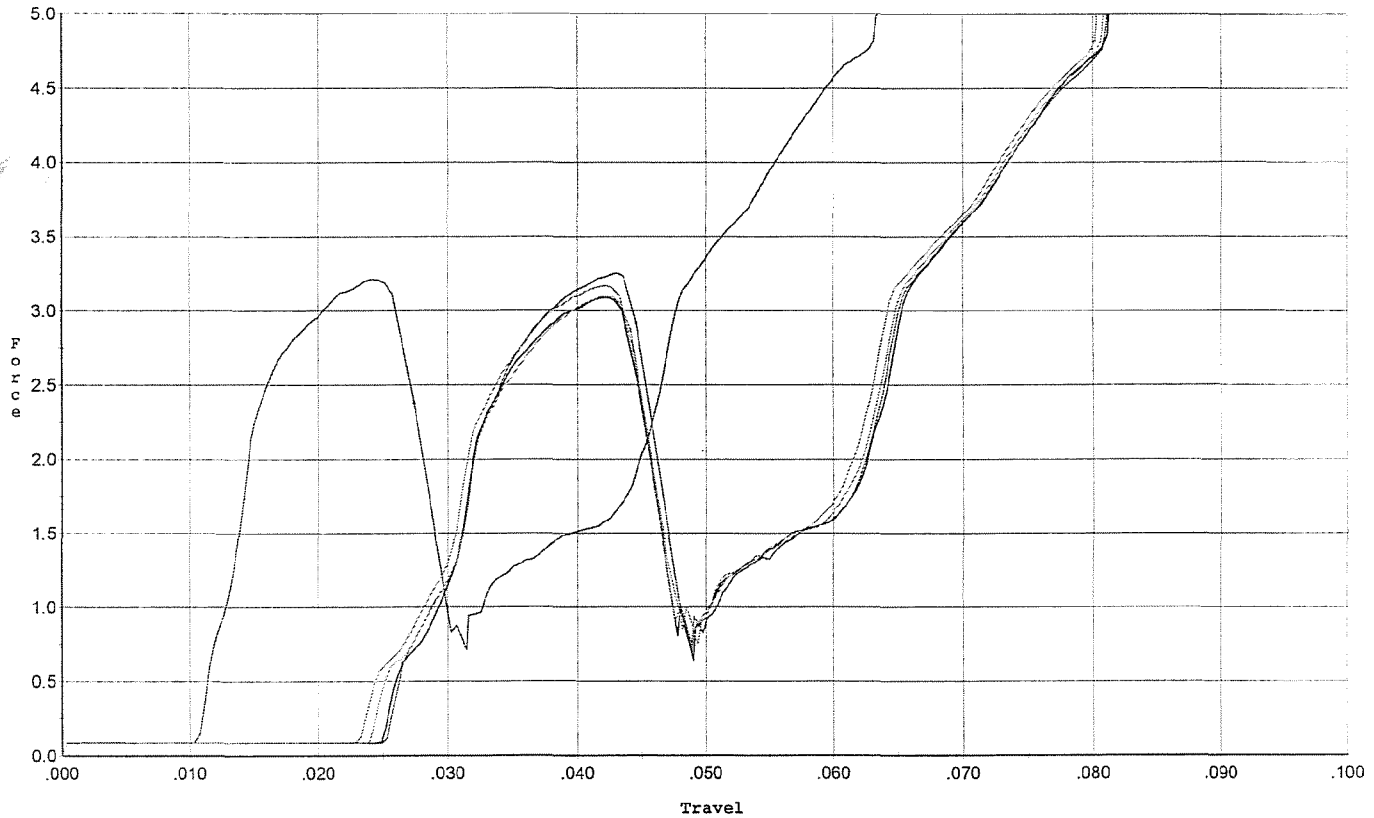
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.556      | 0.054             | 0.035           | 0.039      | 0.037             |           | Set Trigger |
| 2 | 2.520      | 0.054             | 0.036           | 0.039      | 0.035             |           | Set Trigger |
| 3 | 2.518      | 0.053             | 0.036           | 0.039      | 0.035             |           | Set Trigger |
| 4 | 2.508      | 0.053             | 0.036           | 0.039      | 0.034             |           | Set Trigger |
| 5 | 2.465      | 0.053             | 0.036           | 0.039      | 0.034             |           | Set Trigger |

AUG 2.51

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: S. Day 1/2/07

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



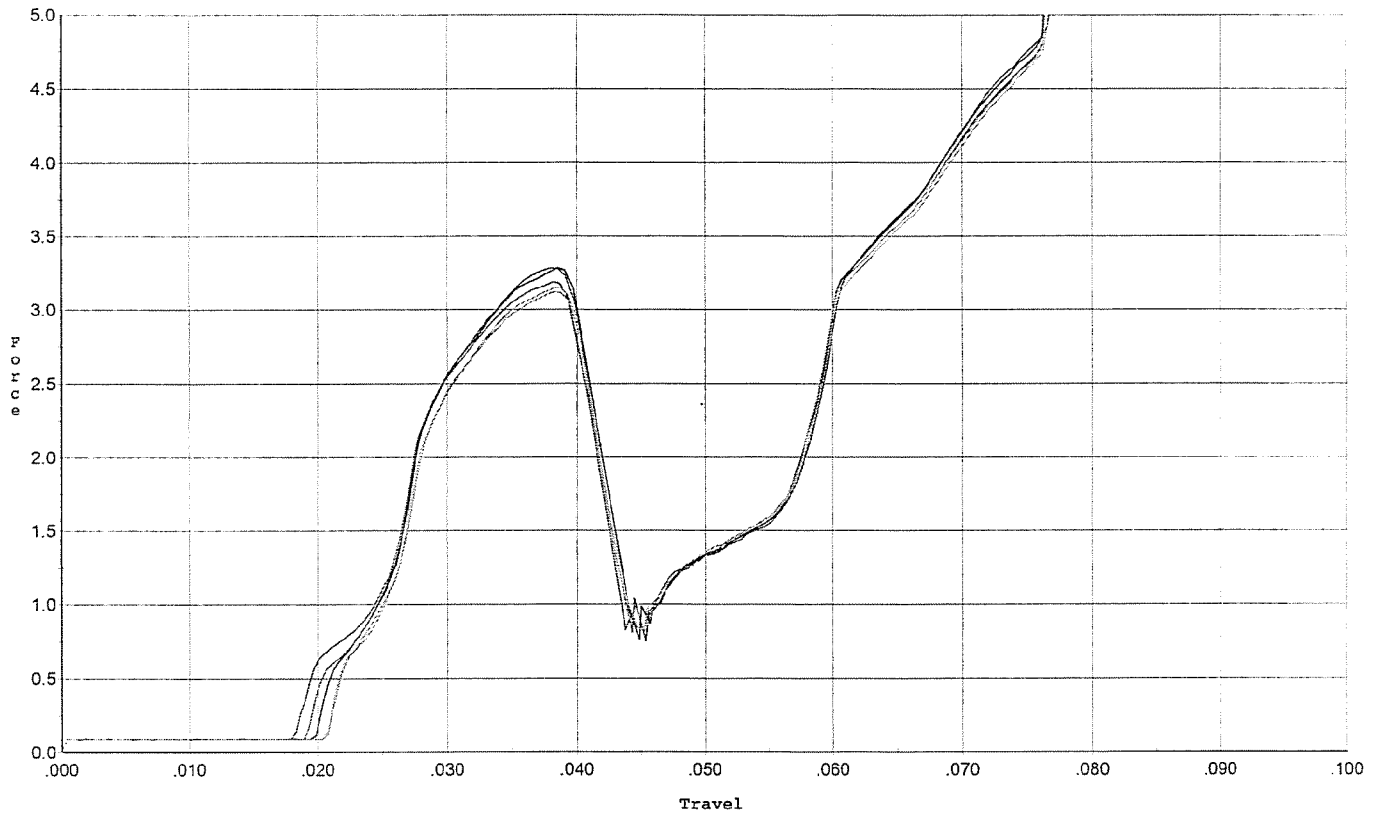
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.213      | 0.027             | 0.011           | 0.040      | 0.041             |           | Set Trigger |
| 2 | 3.091      | 0.045             | 0.025           | 0.038      | 0.046             |           | Set Trigger |
| 3 | 3.255      | 0.045             | 0.026           | 0.037      | 0.048             |           | Set Trigger |
| 4 | 3.095      | 0.044             | 0.024           | 0.038      | 0.046             |           | Set Trigger |
| 5 | 3.169      | 0.044             | 0.024           | 0.037      | 0.048             |           | Set Trigger |

Avg 3.16

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: S. Day 1/2/07

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



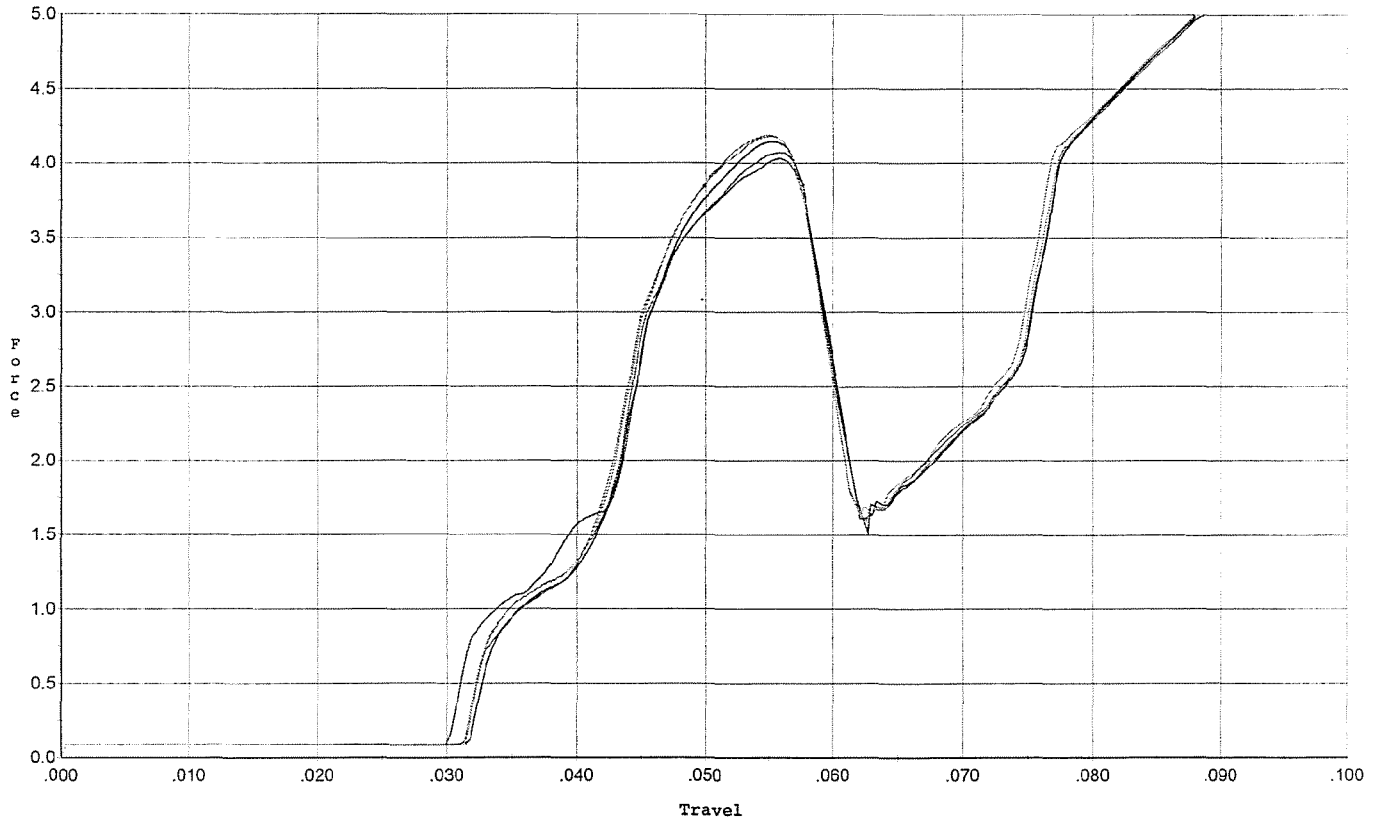
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.281      | 0.040             | 0.019           | 0.037      | 0.048             |           | Set Trigger |
| 2 | 3.283      | 0.042             | 0.020           | 0.036      | 0.050             |           | Set Trigger |
| 3 | 3.187      | 0.041             | 0.019           | 0.037      | 0.048             |           | Set Trigger |
| 4 | 3.150      | 0.040             | 0.021           | 0.037      | 0.045             |           | Set Trigger |
| 5 | 3.120      | 0.040             | 0.021           | 0.037      | 0.045             |           | Set Trigger |

Aug 3.20

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: S. Day 1/2/07

Model: M24  
 Serial No: Form #F005  
 Trigger: 4.0 initl.



| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.033      | 0.058             | 0.030           | 0.037      | 0.074             |           | Set Trigger |
| 2 | 4.145      | 0.060             | 0.032           | 0.036      | 0.075             |           | Set Trigger |
| 3 | 4.071      | 0.058             | 0.032           | 0.037      | 0.072             |           | Set Trigger |
| 4 | 4.180      | 0.058             | 0.032           | 0.037      | 0.074             |           | Set Trigger |
| 5 | 4.189      | 0.058             | 0.032           | 0.037      | 0.075             |           | Set Trigger |

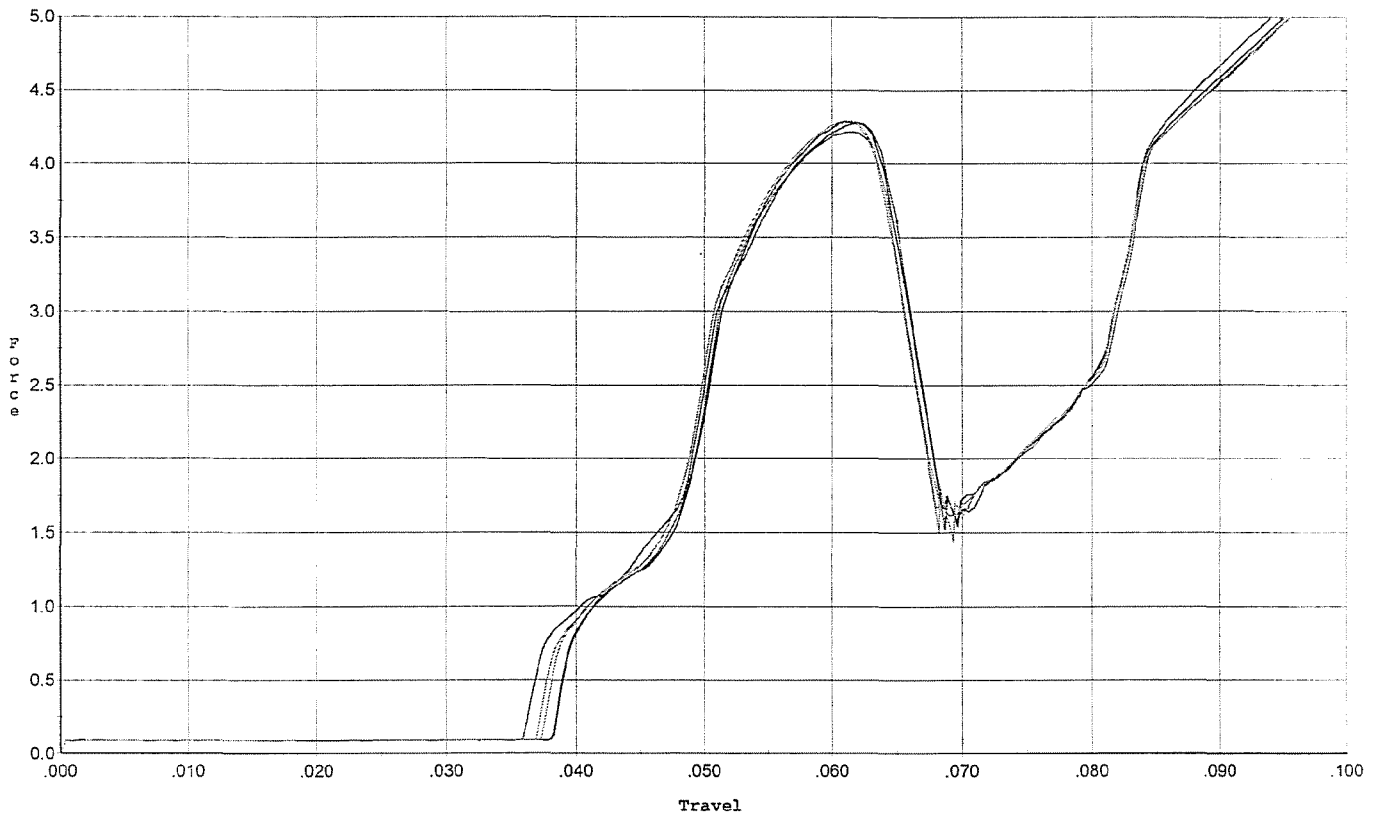
Avg 4.12



## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: S. Day 1/2/07

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



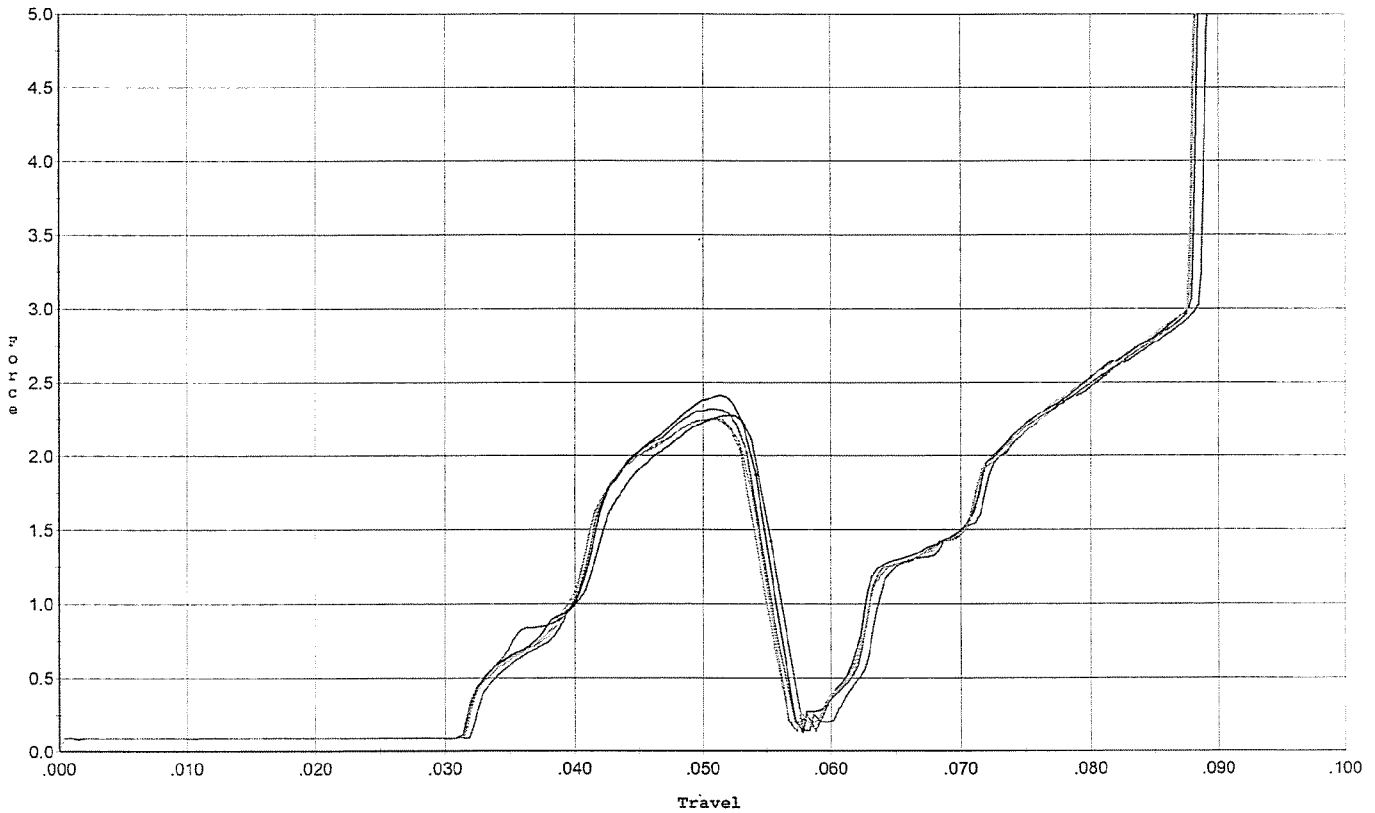
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.275      | 0.065             | 0.036           | 0.037      | 0.081             |           | Set Trigger |
| 2 | 4.281      | 0.066             | 0.039           | 0.038      | 0.079             |           | Set Trigger |
| 3 | 4.215      | 0.064             | 0.039           | 0.039      | 0.076             |           | Set Trigger |
| 4 | 4.289      | 0.065             | 0.038           | 0.038      | 0.079             |           | Set Trigger |
| 5 | 4.291      | 0.064             | 0.037           | 0.038      | 0.079             |           | Set Trigger |

Avg 4.27

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: S. Day 1/2/07

Model: M/24  
 Serial No: Form #F005  
 Trigger: 2.5 reset final test



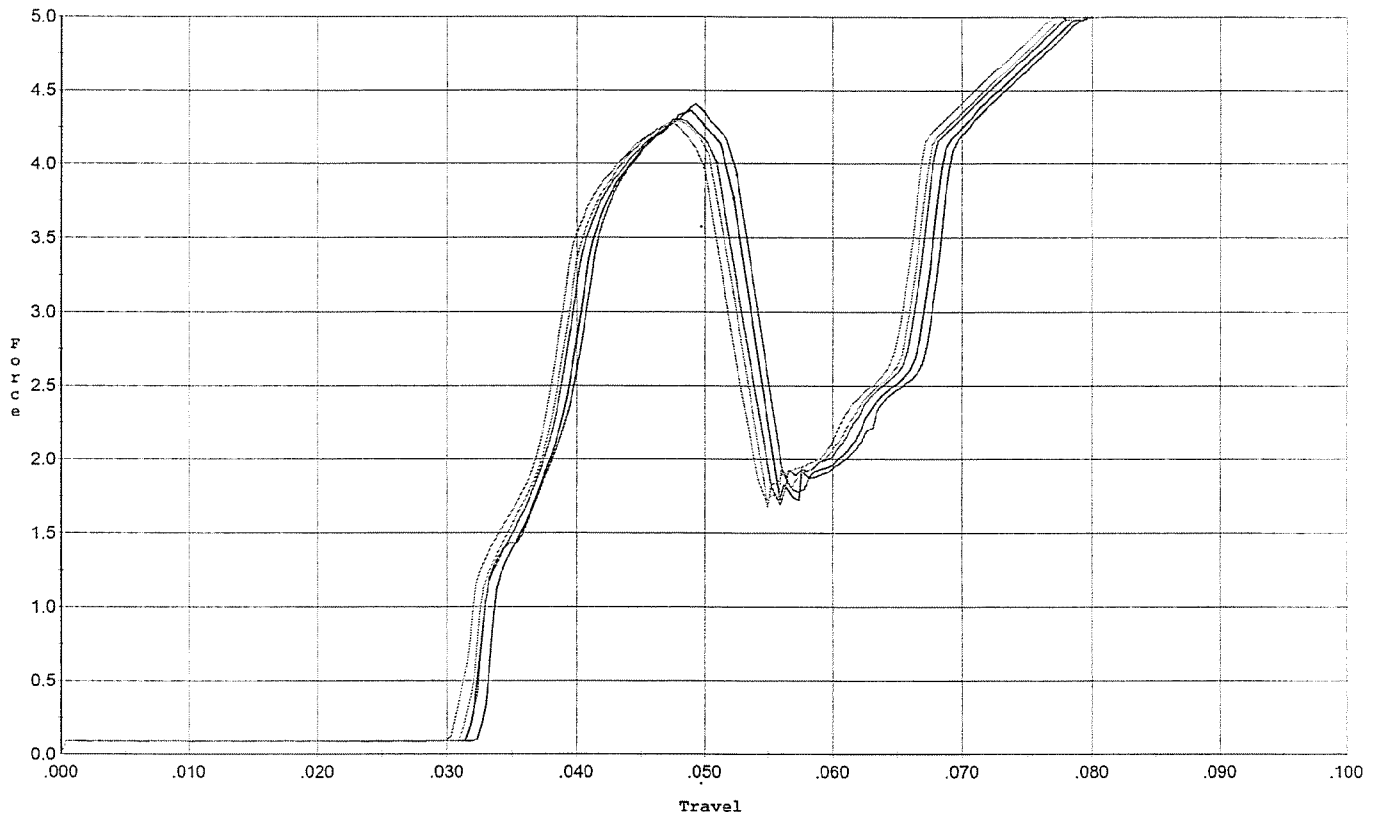
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.273      | 0.055             | 0.032           | 0.040      | 0.038             |           | Set Trigger |
| 2 | 2.415      | 0.054             | 0.032           | 0.040      | 0.038             |           | Set Trigger |
| 3 | 2.318      | 0.053             | 0.032           | 0.040      | 0.036             |           | Set Trigger |
| 4 | 2.250      | 0.053             | 0.032           | 0.040      | 0.035             |           | Set Trigger |
| 5 | 2.255      | 0.054             | 0.032           | 0.040      | 0.037             |           | Set Trigger |

AVG 2.30

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: S. Day 1/2/07

Model: M/24  
 Serial No: Form #F005  
 Trigger: 4.0 reset for target and accuracy



| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.411      | 0.053             | 0.032           | 0.034      | 0.070             |           | Set Trigger |
| 2 | 4.363      | 0.052             | 0.033           | 0.034      | 0.068             |           | Set Trigger |
| 3 | 4.307      | 0.051             | 0.032           | 0.034      | 0.066             |           | Set Trigger |
| 4 | 4.292      | 0.052             | 0.031           | 0.034      | 0.068             |           | Set Trigger |
| 5 | 4.274      | 0.050             | 0.031           | 0.034      | 0.065             |           | Set Trigger |

Avg 4.32