

6669809

**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



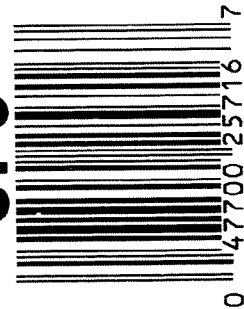
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

**G6699809**

**UPC**



GUN SERIAL # G6699809

| OP #            | OPERATION NAME                                                 | READINGS             | DATE    | INITIAL |
|-----------------|----------------------------------------------------------------|----------------------|---------|---------|
| 410             | SERIALIZE BOLT HANDLE                                          |                      | 3-5-08  | RTZ     |
| 420             | ASSEMBLE ACTION                                                |                      | 3-5-08  | P.P.D.  |
| 430             | ASSEMBLE TO STOCK                                              |                      | 3-5-08  | TRW     |
| 440             | PROOF                                                          | MAGNA - FLUX         | 3-5-08  | TRW     |
| 460             | CHECK HEADSPACE                                                |                      | 3-5-08  | TRW     |
| 470             | DIS-ASSEMBLE ACTION                                            |                      | 3-6-08  | P.P.D.  |
| 480             | MAGNAFLUX BBL ACTION                                           | OPERATOR <u>unus</u> | 3/7/08  | unus    |
| 490             | MAGNAFLUX BOLT                                                 |                      |         |         |
| 500             | ROLLMARK CALIBER                                               |                      | 3-6-08  | CW      |
| 510             | DRILL AND TAP<br>SIGHT HOLES                                   |                      | 3-6-08  | TRW     |
| 520             | GOFF BLAST BBL / REC                                           |                      | 3-10-08 | TL      |
| 530 &<br>540    | APPLY COATINGS<br>(BARREL ACTION)                              |                      | 3/12/08 | CW      |
|                 | (BOLT)                                                         |                      |         |         |
| 560             | RE-ASSEMBLE ACTION                                             |                      |         |         |
|                 | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                            |                      | 3-13-08 | FM      |
|                 | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD |                      | 3-13-08 | FM      |
|                 | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                         |                      | 3-13-08 | FM      |
|                 | D) OIL FIRING PIN ASSEMBLY                                     |                      | 3-17-08 | RTZ     |
|                 | E) ADJUST TRIGGER PULL<br>TO MIN. SETTING AND<br>STAKE         | 2.50 LBS +/- .5 LBS  |         |         |
| F004 REV 5/2006 |                                                                |                      |         |         |

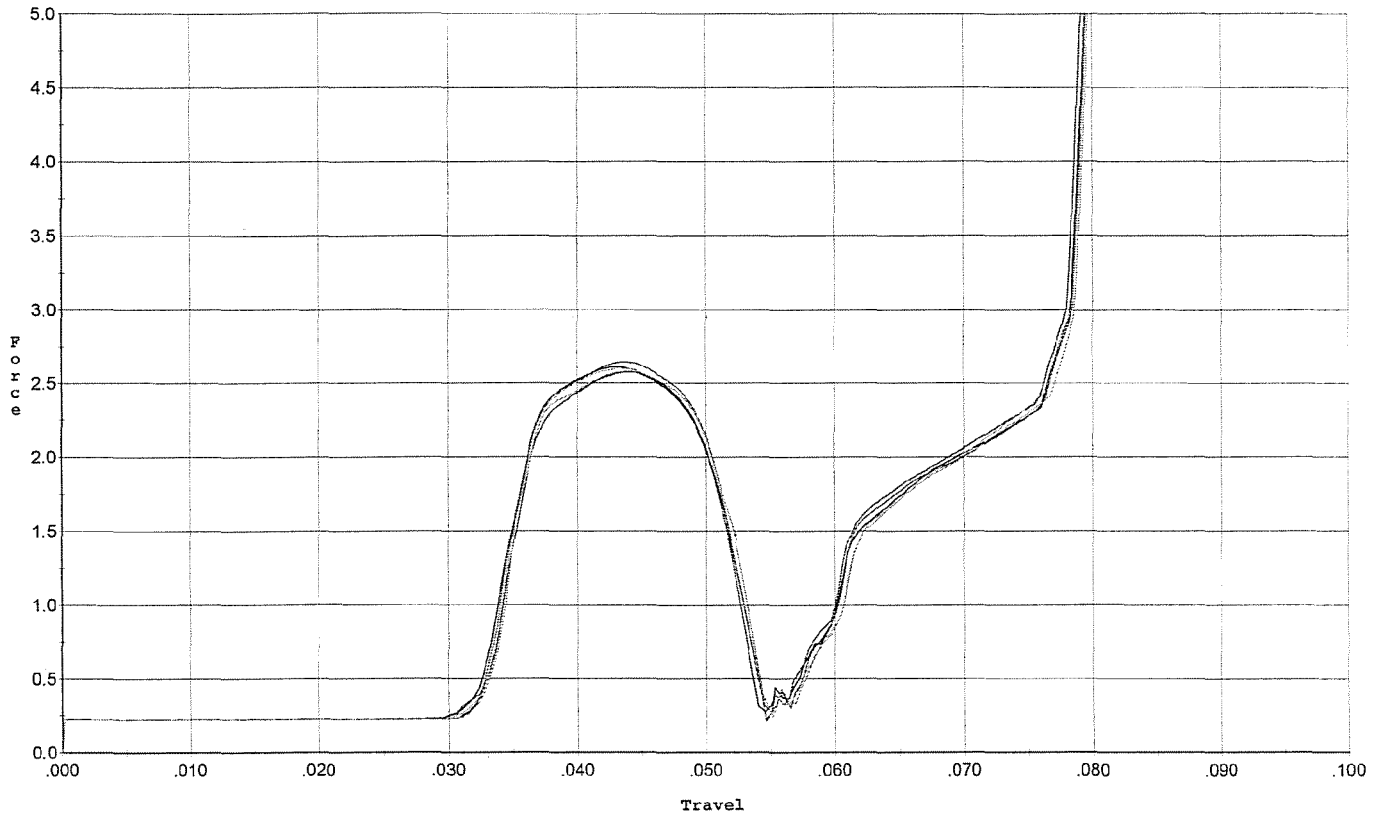
| OP #         | OPERATION NAME                                                           | READINGS                                                    | DATE    | INITIAL |
|--------------|--------------------------------------------------------------------------|-------------------------------------------------------------|---------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>.06</u> <u>.07</u> <u>.06</u>                            | 3-24-08 | SD      |
| CONT.        |                                                                          |                                                             |         |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>.04</u> <u>.045</u> <u>.04</u>                           | 3-24-08 | SD      |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             |         |         |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.021</u> <u>.022</u> <u>.022</u>                         | 3-24-08 | SD      |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 3-17-08 | RTL     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 4-2-08  | FM      |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 3-26-08 | RTL     |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 3-26-08 | RTL     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 3-26-08 | RTL     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 3-20-08 | TRW     |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 3-20-08 | RP      |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 3-26-08 | RTL     |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.61</u> <u>2.37</u> <u>2.44</u> <u>2.45</u> <u>2.47</u> | 3-24-08 | SD      |
|              | C) FUNCTION                                                              |                                                             | 3-26-08 | RTL     |
| 690          | PACK                                                                     |                                                             | 4-3-08  | FM      |

F004 REV 5/2006

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 1/28/08

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



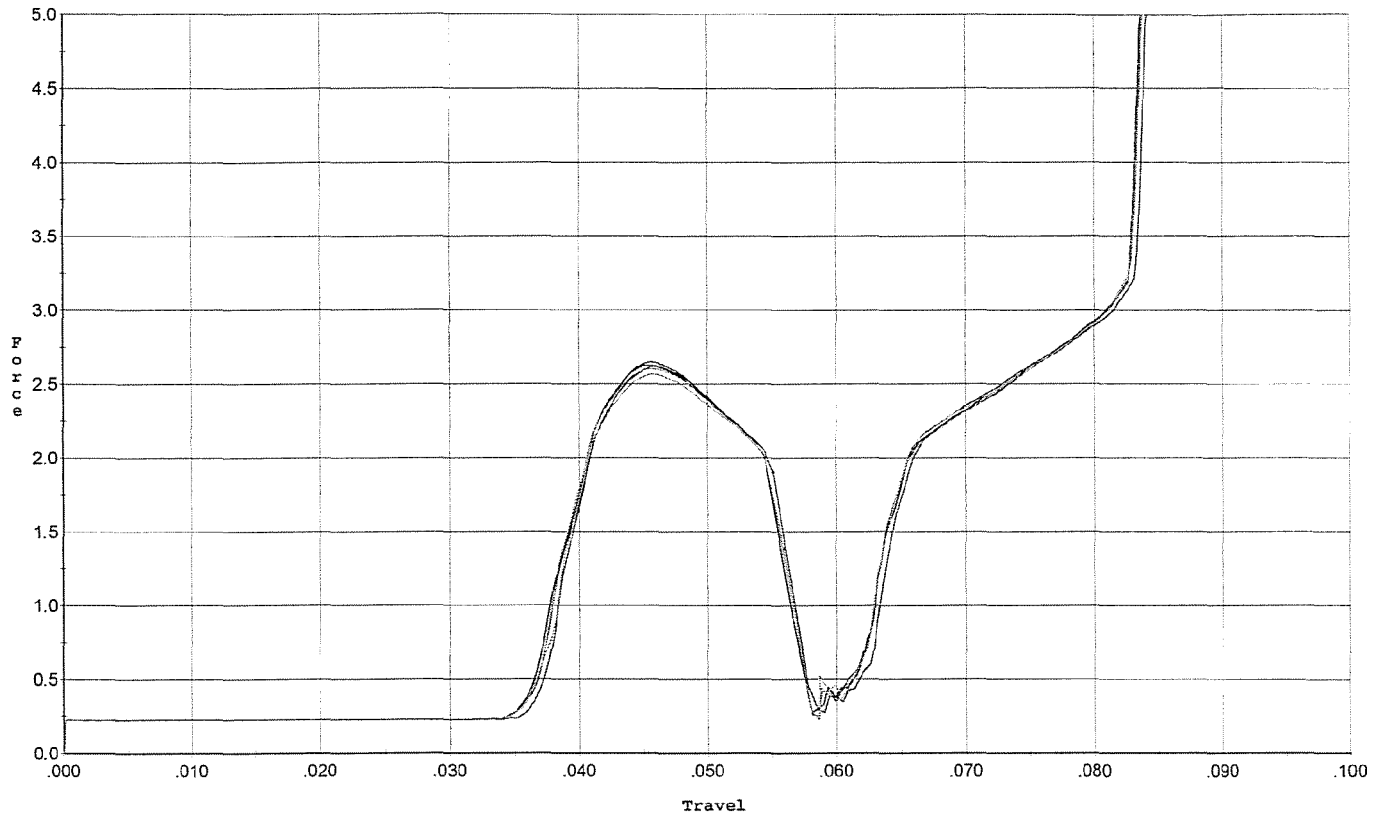
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.577      | 0.052             | 0.032           | 0.034      | 0.048             |           | Set Trigger |
| 2 | 2.608      | 0.052             | 0.032           | 0.034      | 0.049             |           | Set Trigger |
| 3 | 2.642      | 0.052             | 0.033           | 0.034      | 0.050             |           | Set Trigger |
| 4 | 2.601      | 0.053             | 0.033           | 0.034      | 0.050             |           | Set Trigger |
| 5 | 2.581      | 0.052             | 0.033           | 0.034      | 0.049             |           | Set Trigger |

Avg 2.600

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 1/28/08

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



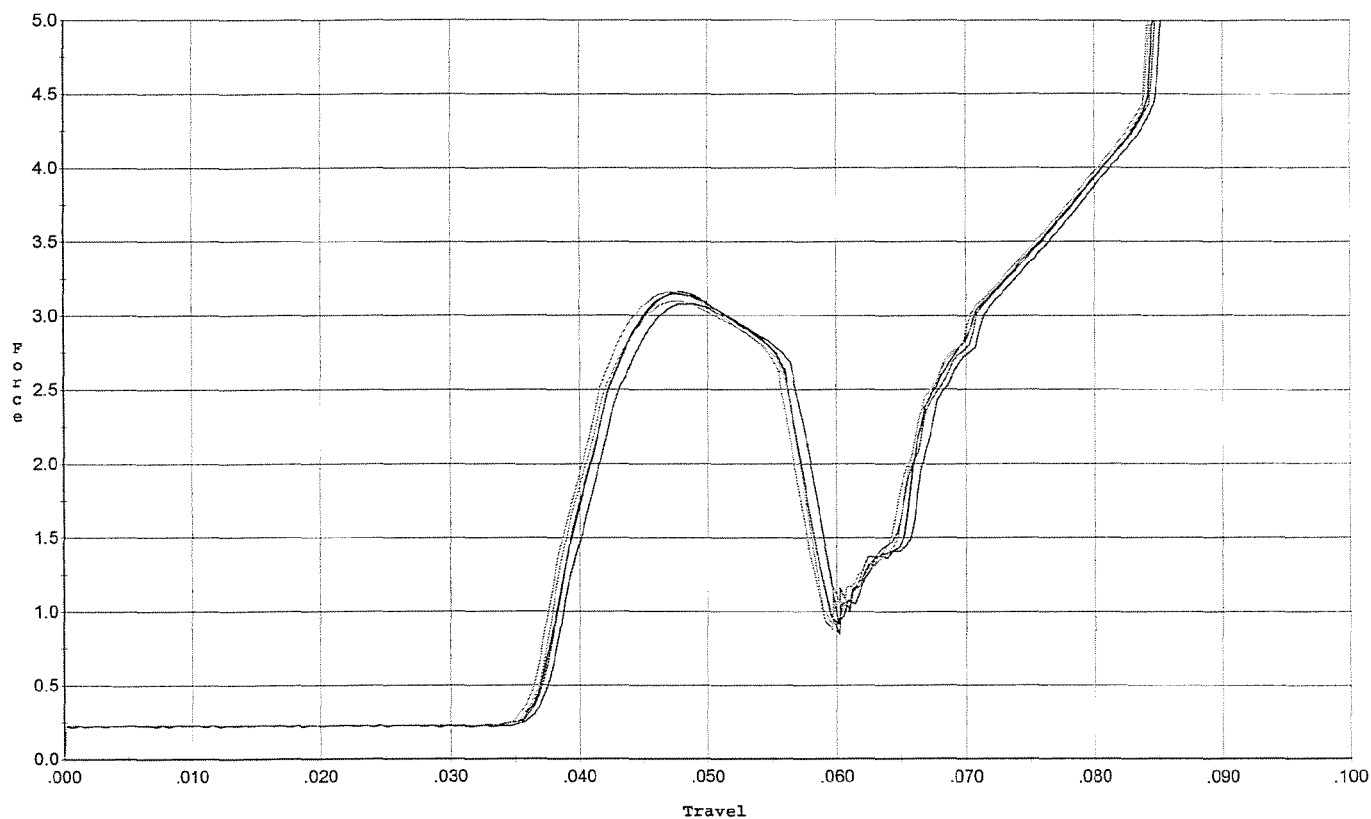
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.622      | 0.055             | 0.036           | 0.036      | 0.048             |           | Set Trigger |
| 2 | 2.626      | 0.054             | 0.036           | 0.036      | 0.048             |           | Set Trigger |
| 3 | 2.649      | 0.056             | 0.037           | 0.035      | 0.049             |           | Set Trigger |
| 4 | 2.569      | 0.056             | 0.036           | 0.035      | 0.048             |           | Set Trigger |
| 5 | 2.604      | 0.056             | 0.036           | 0.035      | 0.049             |           | Set Trigger |

Avg 2.61

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 1/28/08

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



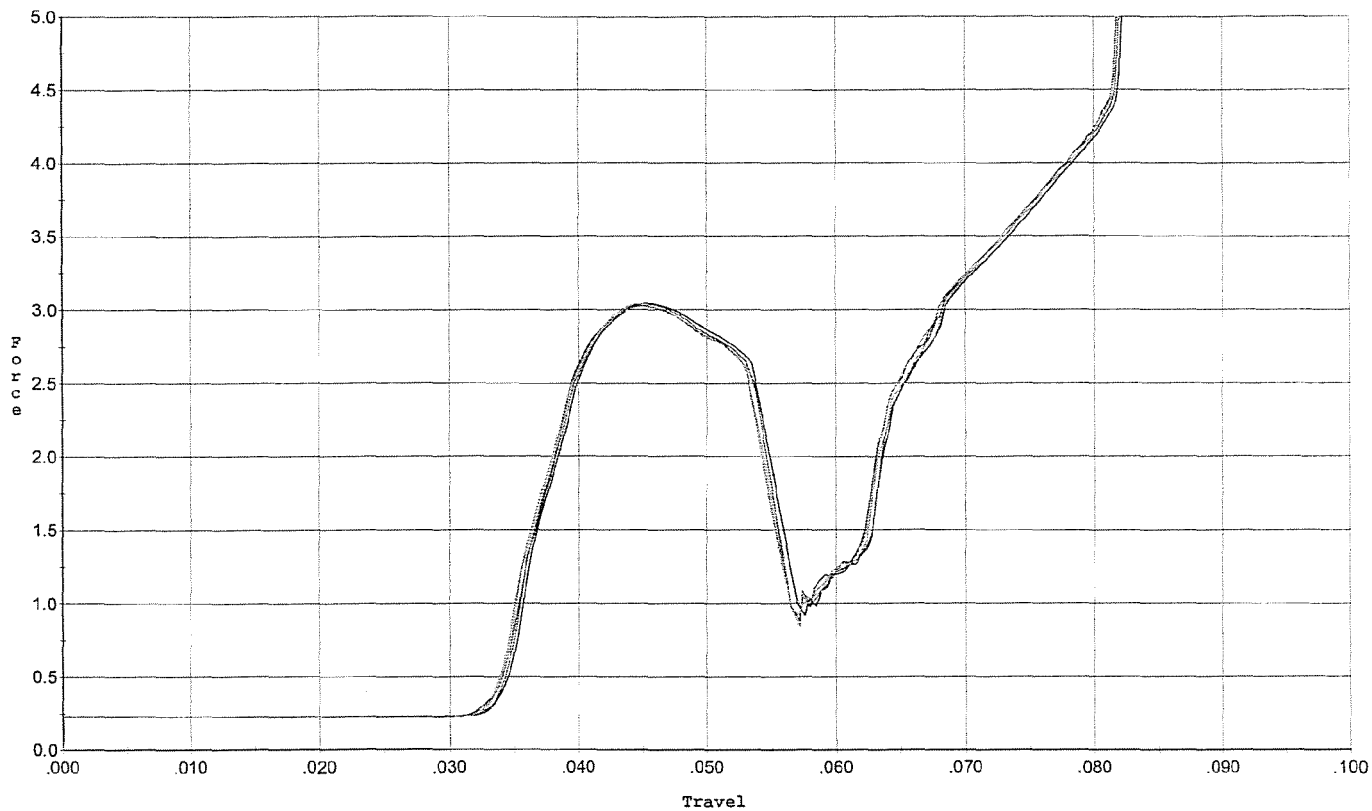
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.080      | 0.058             | 0.037           | 0.034      | 0.060             |           | Set Trigger |
| 2 | 3.147      | 0.056             | 0.036           | 0.034      | 0.059             |           | Set Trigger |
| 3 | 3.162      | 0.056             | 0.036           | 0.034      | 0.059             |           | Set Trigger |
| 4 | 3.096      | 0.056             | 0.036           | 0.034      | 0.059             |           | Set Trigger |
| 5 | 3.161      | 0.056             | 0.036           | 0.034      | 0.059             |           | Set Trigger |

Avg 3.12

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 1/28/08

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 | 3.024      | 0.053             | 0.034           | 0.034      | 0.057             |           | Set Trigger |
| 2 | 3.042      | 0.055             | 0.034           | 0.034      | 0.059             |           | Set Trigger |
| 3 | 3.039      | 0.054             | 0.034           | 0.034      | 0.058             |           | Set Trigger |
| 4 | 3.023      | 0.055             | 0.033           | 0.034      | 0.059             |           | Set Trigger |
| 5 | 3.040      | 0.053             | 0.033           | 0.034      | 0.057             |           | Set Trigger |

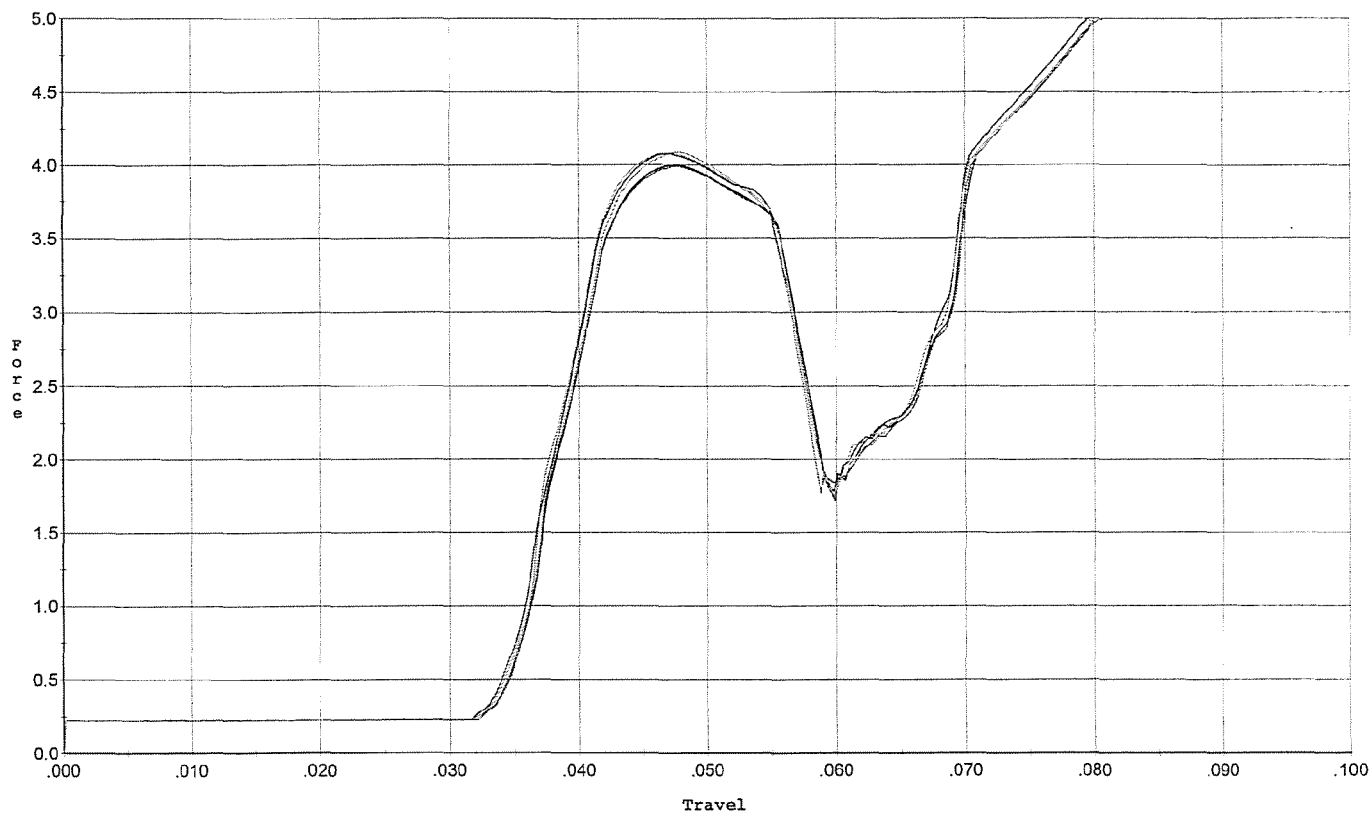
Avg 3.03



## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 1/28/08

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



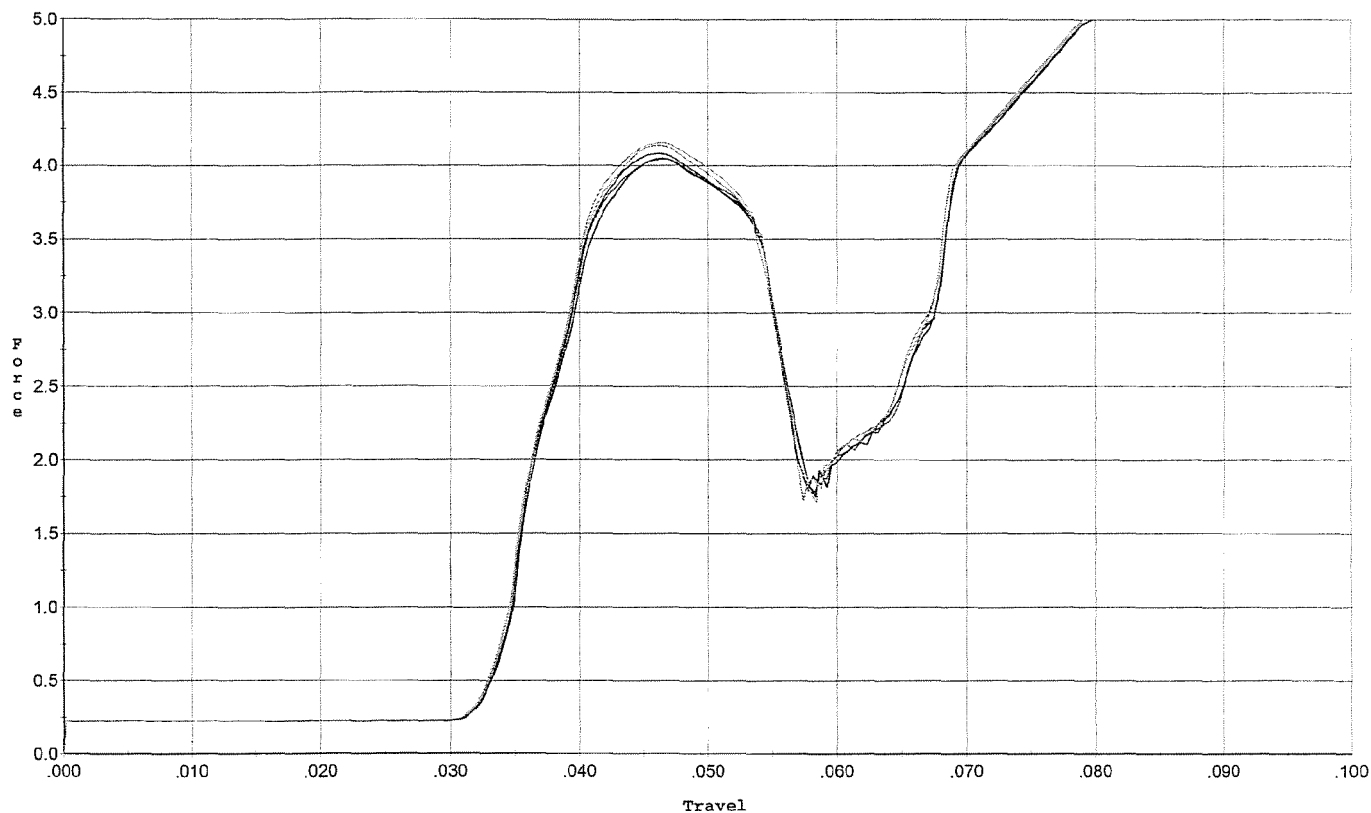
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.074      | 0.056             | 0.033           | 0.032      | 0.081             |           | Set Trigger |
| 2 | 3.998      | 0.057             | 0.034           | 0.032      | 0.081             |           | Set Trigger |
| 3 | 3.991      | 0.056             | 0.034           | 0.032      | 0.078             |           | Set Trigger |
| 4 | 4.091      | 0.056             | 0.034           | 0.032      | 0.079             |           | Set Trigger |
| 5 | 4.085      | 0.056             | 0.034           | 0.032      | 0.081             |           | Set Trigger |

Avg 4.04

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 1/28/08

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



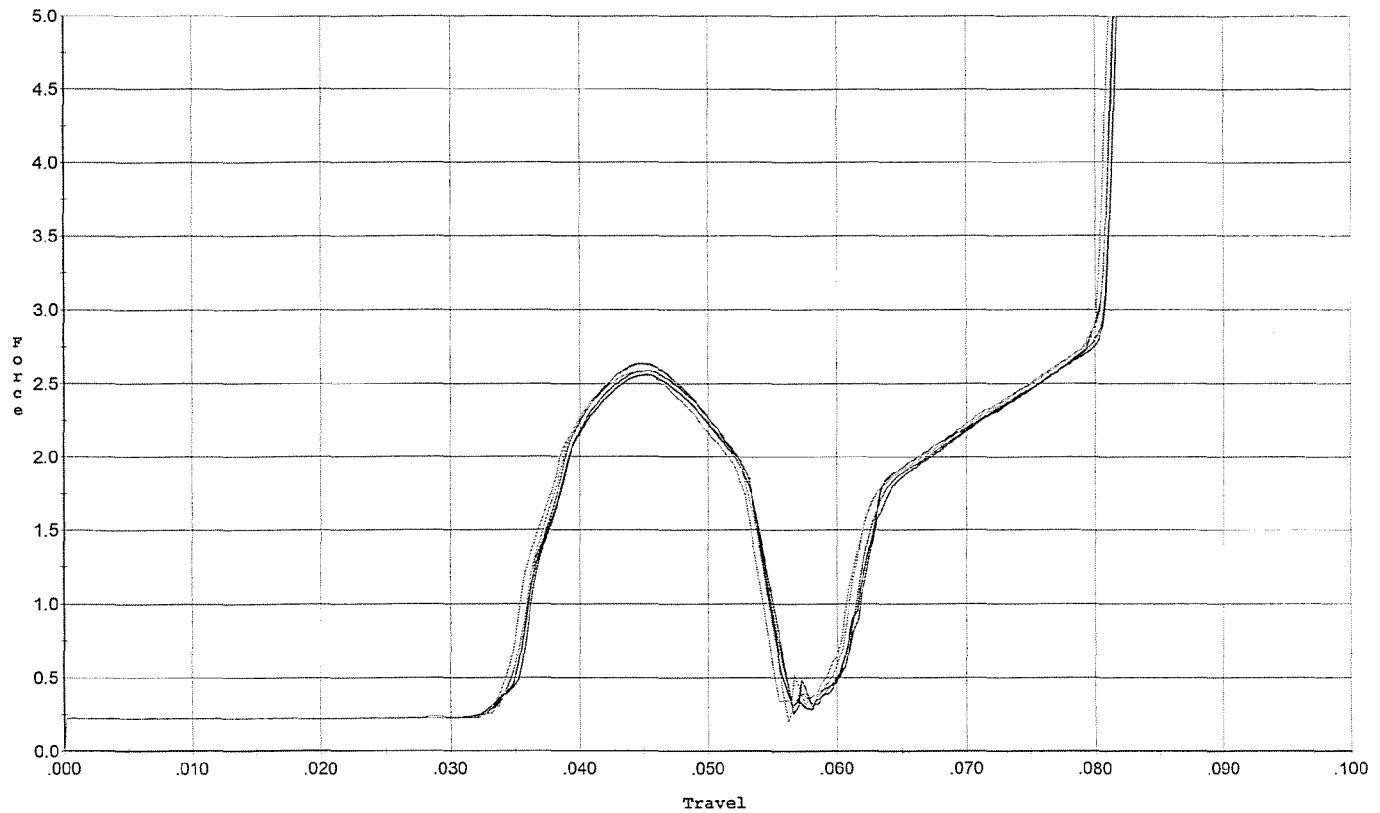
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.083      | 0.054             | 0.032           | 0.032      | 0.078             |           | Set Trigger |
| 2 | 4.048      | 0.054             | 0.033           | 0.032      | 0.077             |           | Set Trigger |
| 3 | 4.042      | 0.054             | 0.032           | 0.032      | 0.078             |           | Set Trigger |
| 4 | 4.156      | 0.054             | 0.032           | 0.032      | 0.080             |           | Set Trigger |
| 5 | 4.140      | 0.055             | 0.032           | 0.032      | 0.080             |           | Set Trigger |

Avg 4.09

## Trigger Profile [ lbs,inch ]

Profile: SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 1/28/08

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



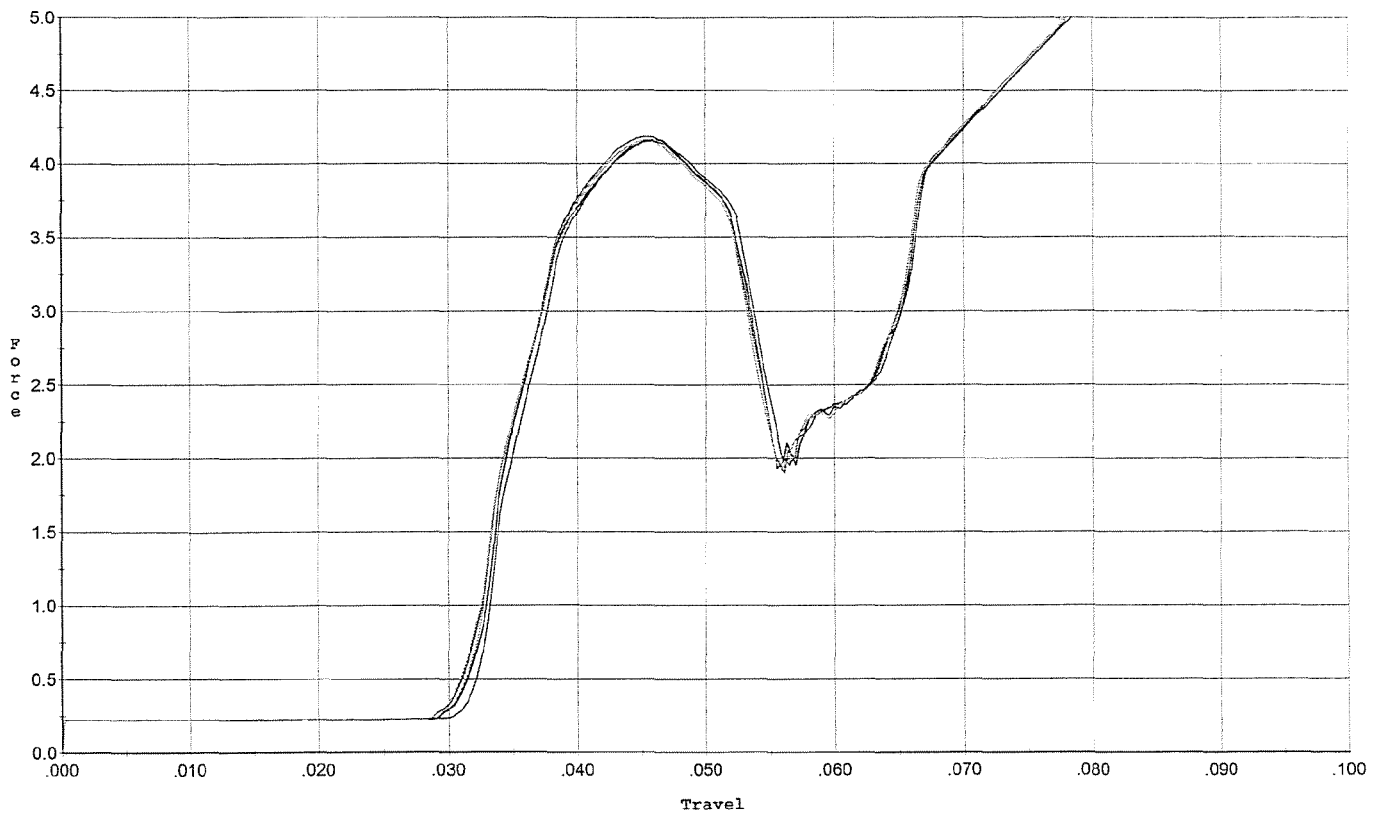
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.584      | 0.055             | 0.035           | 0.034      | 0.049             |           | Set Trigger |
| 2 | 2.555      | 0.053             | 0.035           | 0.035      | 0.047             |           | Set Trigger |
| 3 | 2.634      | 0.053             | 0.034           | 0.035      | 0.048             |           | Set Trigger |
| 4 | 2.631      | 0.054             | 0.034           | 0.034      | 0.048             |           | Set Trigger |
| 5 | 2.574      | 0.053             | 0.034           | 0.035      | 0.047             |           | Set Trigger |

Avg 2.59

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 1/28/08

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 | 4.154      | 0.052             | 0.031           | 0.031      | 0.078             |           | Set Trigger |
| 2 | 4.165      | 0.053             | 0.031           | 0.031      | 0.080             |           | Set Trigger |
| 3 | 4.185      | 0.054             | 0.030           | 0.031      | 0.082             |           | Set Trigger |
| 4 | 4.169      | 0.053             | 0.030           | 0.031      | 0.081             |           | Set Trigger |
| 5 | 4.162      | 0.052             | 0.031           | 0.031      | 0.078             |           | Set Trigger |

AVG 4.16

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6699809\_0

FILE DATE AND TIME: 03/25/2008 06:13

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

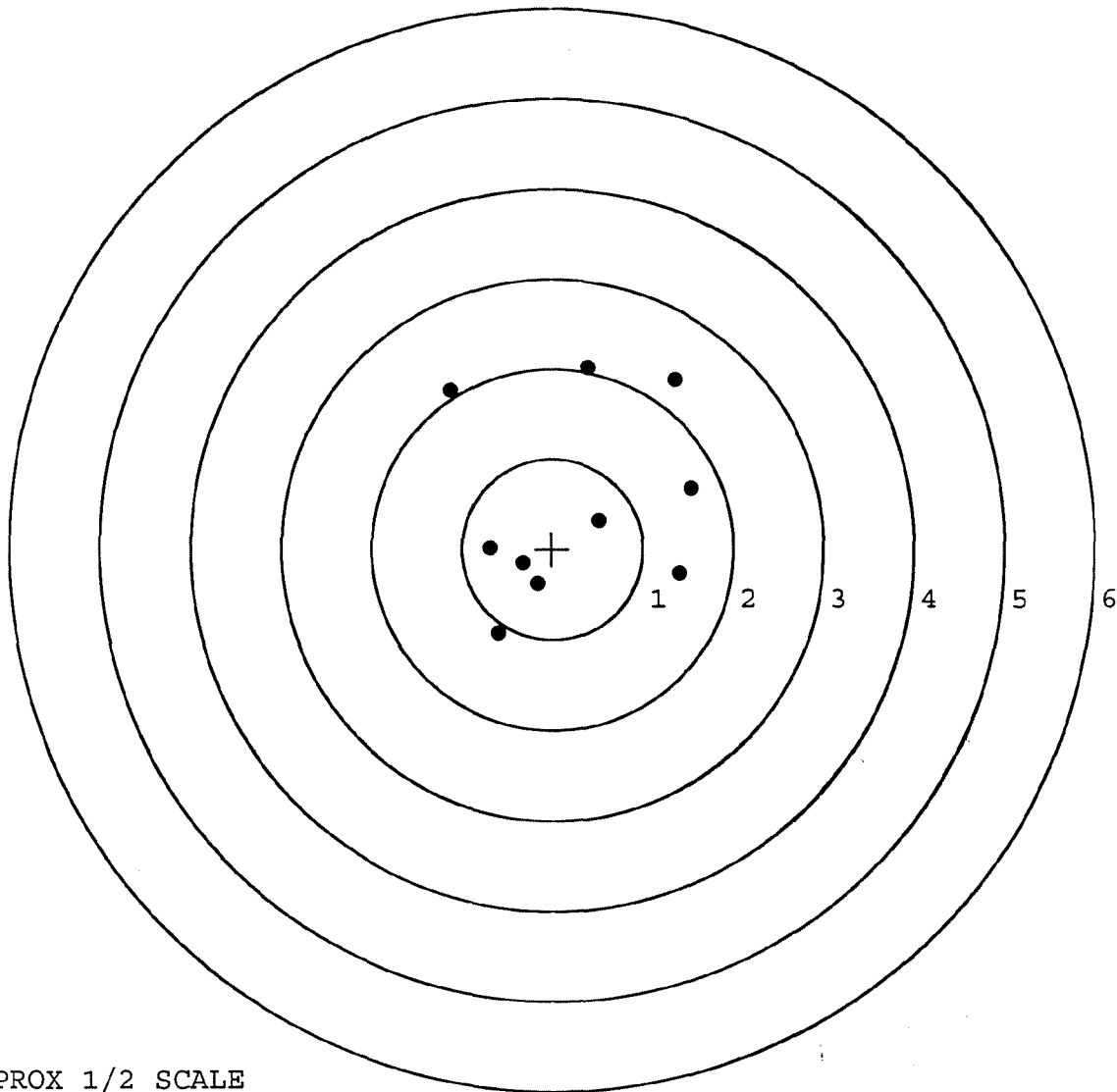
|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.078 |
| The Average Y Centroid of the Five Target Set:              | 0.153 |
| The Average Point of Impact of the Five Target Set:         | 0.172 |
| The Average Mean Radius of the Five Target Set:             | 0.960 |
| The Distance from POA to Centroid Target #1:                | 0.544 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.351 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.497 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.497 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.611 |

**BARBER - M24 0178700**

SERIAL NUMBER: G6699809. \_\_0  
 TARGET NUMBER: 1  
 FILE DATE: 03/25/2008  
 FILE TIME: 06:13

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.601 | -0.938 |
| 2:     | -0.162 | -0.390 |
| 3:     | -0.324 | -0.154 |
| 4:     | -0.680 | 0.019  |
| 5:     | 0.518  | 0.325  |
| 6:     | 1.405  | -0.275 |
| 7:     | 1.527  | 0.674  |
| 8:     | -1.120 | 1.758  |
| 9:     | 0.403  | 2.019  |
| 10:    | 1.354  | 1.878  |

X CENTROID: 0.232  
 Y CENTROID: 0.492  
 POA TO CENTROID: 0.544  
 HORZ SPREAD: 2.647  
 VERT SPREAD: 2.957  
 GROUP SPREAD: 3.242  
 MIN RADIUS: 0.331  
 MAX RADIUS: 1.852  
 MEAN RADIUS: 1.271  
 # IN 1 IN DIAMETER: 1  
 # IN 2 IN DIAMETER: 3  
 # in 3 IN DIAMETER: 6



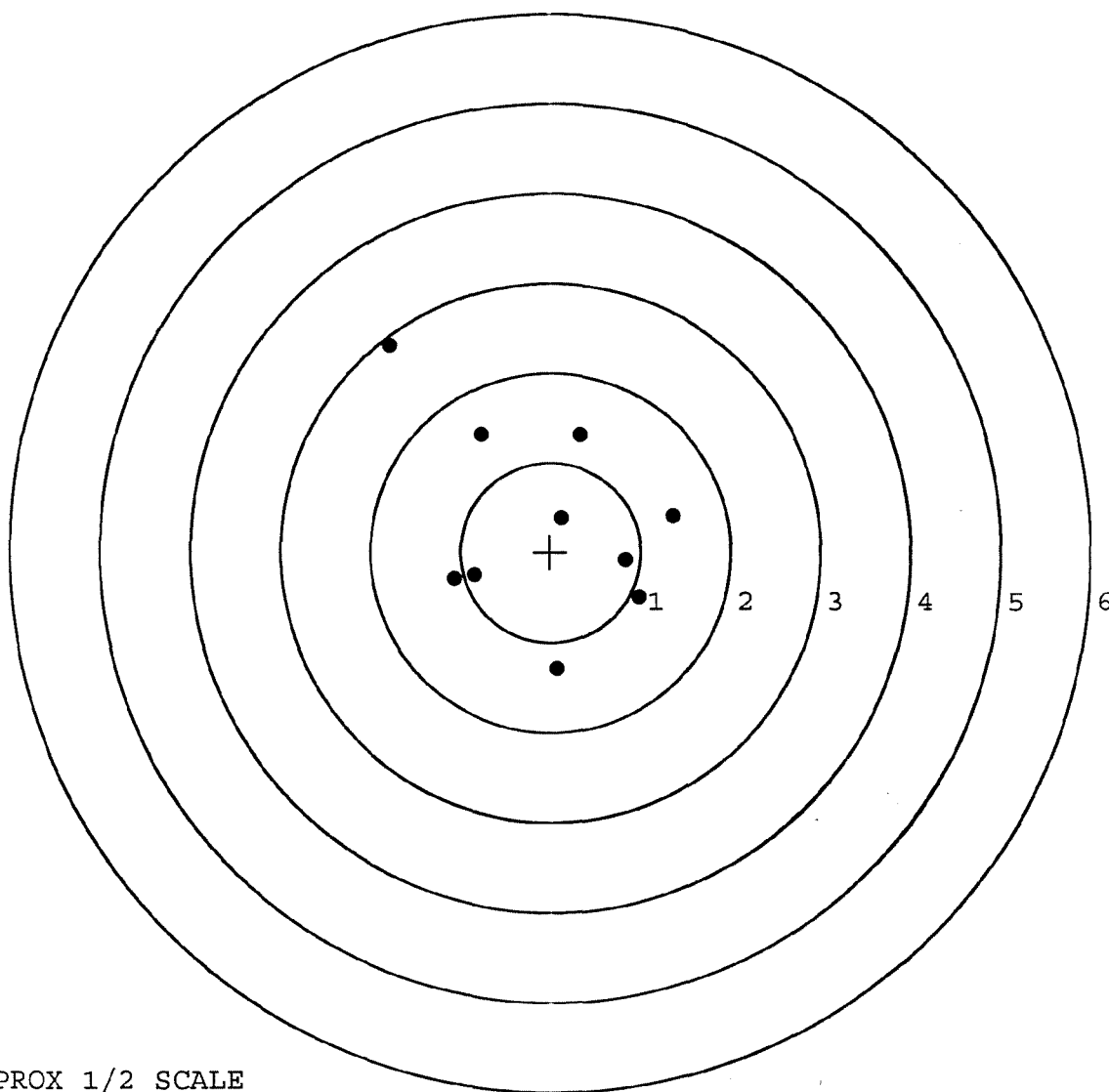
TARGET APPROX 1/2 SCALE

**BARBER - M24 0178701**

SERIAL NUMBER: G6699809. \_\_0  
 TARGET NUMBER: 2  
 FILE DATE: 03/25/2008  
 FILE TIME: 06:13

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.982  | -0.506 |
| 2:     | 0.839  | -0.087 |
| 3:     | 1.354  | 0.396  |
| 4:     | 0.123  | 0.378  |
| 5:     | 0.077  | -1.306 |
| 6:     | -1.067 | -0.302 |
| 7:     | -0.841 | -0.255 |
| 8:     | 0.327  | 1.301  |
| 9:     | -0.768 | 1.310  |
| 10:    | -1.784 | 2.301  |

X CENTROID: -0.076  
 Y CENTROID: 0.323  
 POA TO CENTROID: 0.332  
 HORZ SPREAD: 3.138  
 VERT SPREAD: 3.607  
 GROUP SPREAD: 4.059  
 MIN RADIUS: 0.206  
 MAX RADIUS: 2.614  
 MEAN RADIUS: 1.263  
 # IN 1 IN DIAMETER: 1  
 # IN 2 IN DIAMETER: 2  
 # in 3 IN DIAMETER: 8



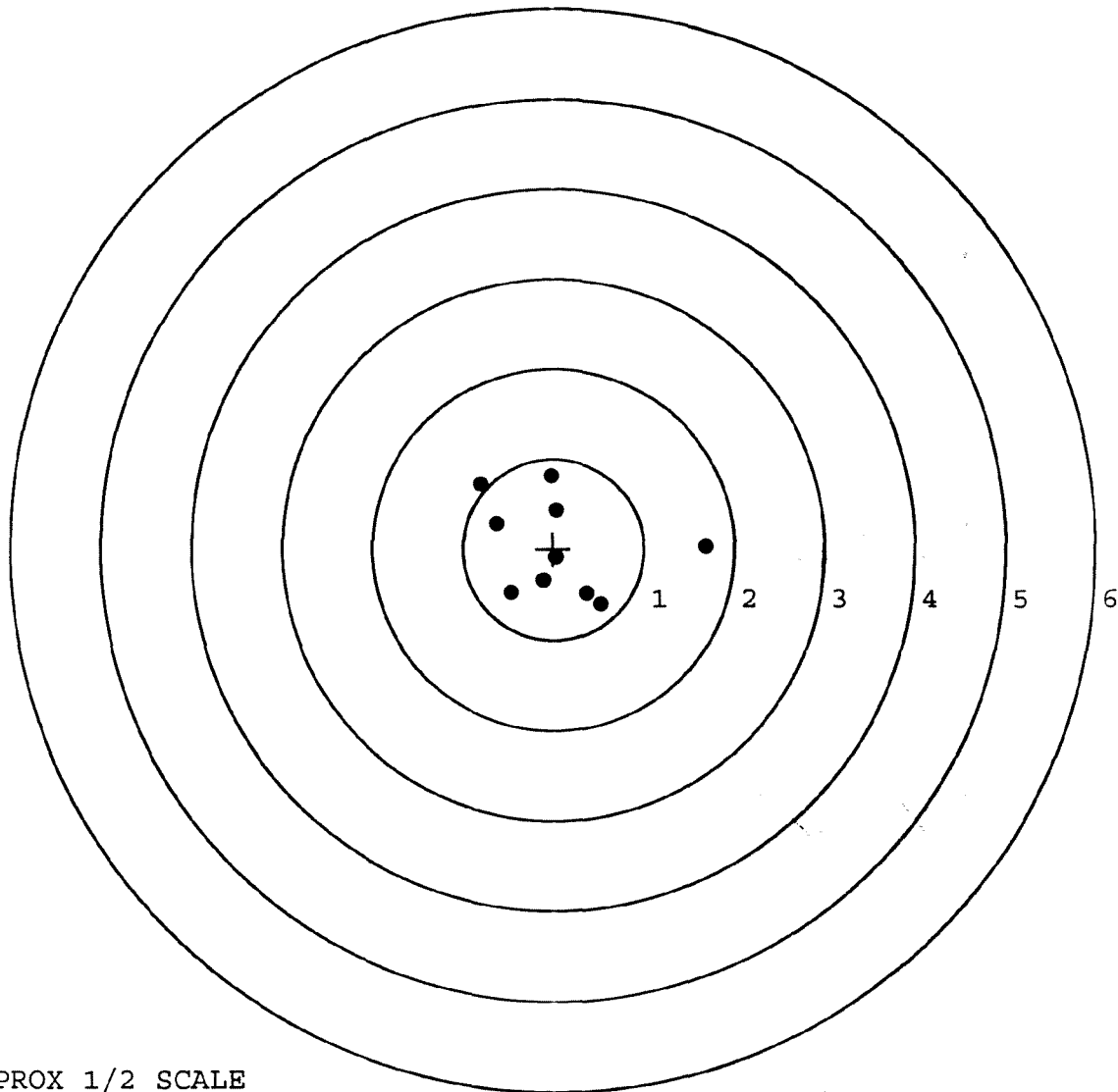
TARGET APPROX 1/2 SCALE

**BARBER - M24 0178702**

SERIAL NUMBER: G6699809. \_\_0  
 TARGET NUMBER: 3  
 FILE DATE: 03/25/2008  
 FILE TIME: 06:13

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.521  | -0.609 |
| 2:     | 0.368  | -0.492 |
| 3:     | -0.467 | -0.486 |
| 4:     | -0.108 | -0.348 |
| 5:     | 0.040  | -0.098 |
| 6:     | 1.687  | 0.028  |
| 7:     | 0.036  | 0.429  |
| 8:     | -0.633 | 0.284  |
| 9:     | -0.802 | 0.724  |
| 10:    | -0.023 | 0.813  |

X CENTROID: 0.062  
 Y CENTROID: 0.025  
 POA TO CENTROID: 0.067  
 HORZ SPREAD: 2.489  
 VERT SPREAD: 1.422  
 GROUP SPREAD: 2.584  
 MIN RADIUS: 0.124  
 MAX RADIUS: 1.625  
 MEAN RADIUS: 0.733  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE



**BARBER - M24 0178703**

SERIAL NUMBER: G6699809. 0

TARGET NUMBER: 4

FILE DATE: 03/25/2008

FILE TIME: 06:13

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.876  | -0.849 |
| 2:     | 0.365  | -0.426 |
| 3:     | 0.013  | -1.162 |
| 4:     | -0.848 | -0.540 |
| 5:     | -0.164 | -0.018 |
| 6:     | -0.468 | 0.241  |
| 7:     | 0.183  | 0.419  |
| 8:     | 0.603  | 0.995  |
| 9:     | 0.098  | 0.970  |
| 10:    | -0.445 | 0.785  |

X CENTROID: 0.021

Y CENTROID: 0.041

POA TO CENTROID: 0.047

HORZ SPREAD: 1.724

VERT SPREAD: 2.157

GROUP SPREAD: 2.101

MIN RADIUS: 0.195

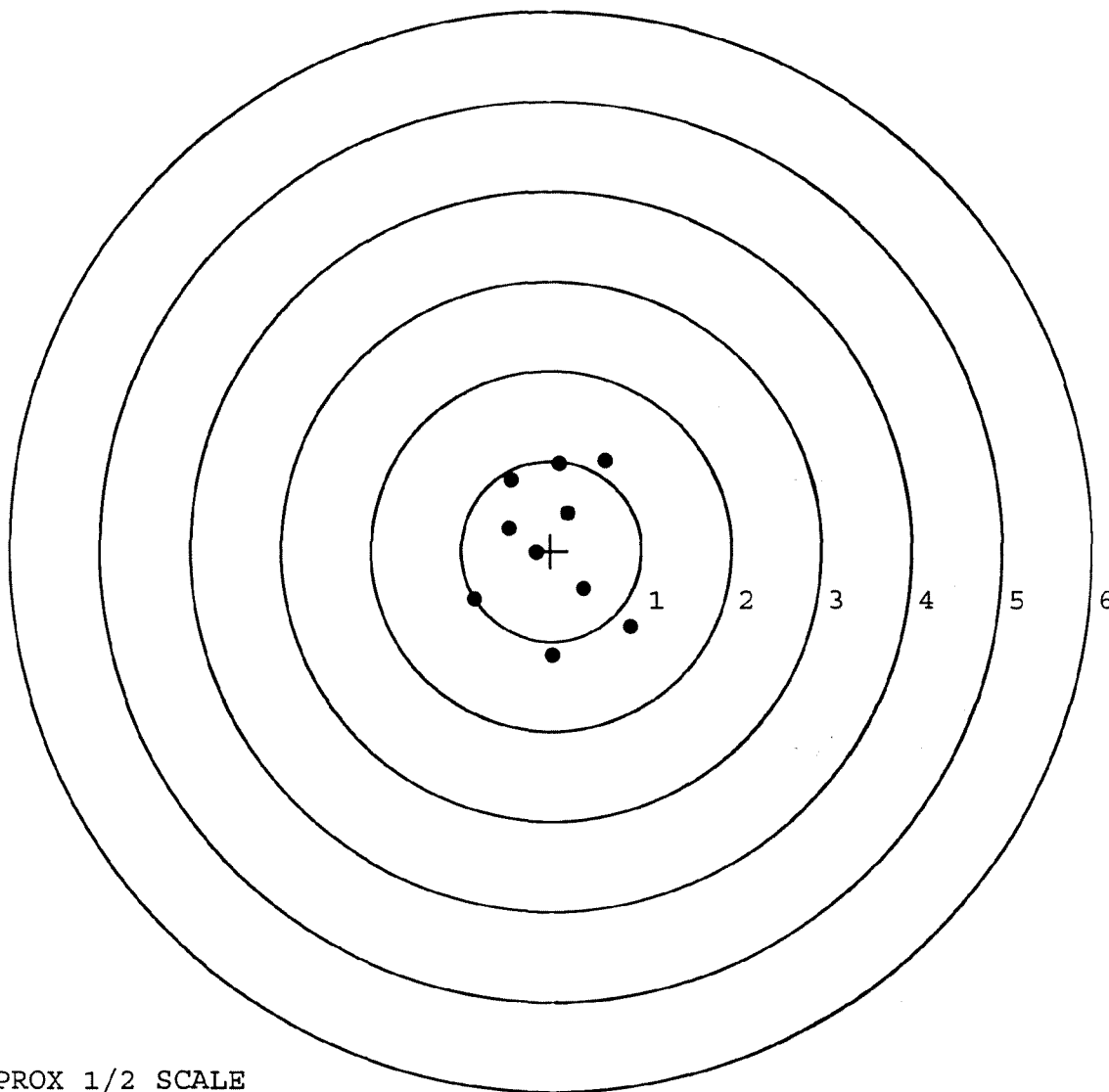
MAX RADIUS: 1.234

MEAN RADIUS: 0.812

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6699809. \_\_0

TARGET NUMBER: 5

FILE DATE: 03/25/2008

FILE TIME: 06:13

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.335  | -1.466 |
| 2:     | 1.188  | -0.273 |
| 3:     | 0.315  | -0.260 |
| 4:     | 0.514  | -0.196 |
| 5:     | 0.587  | -0.090 |
| 6:     | 0.347  | 0.265  |
| 7:     | 0.163  | 0.406  |
| 8:     | -0.399 | -0.213 |
| 9:     | -0.950 | -0.100 |
| 10:    | -0.585 | 0.791  |

X CENTROID: 0.152

Y CENTROID: -0.114

POA TO CENTROID: 0.189

HORZ SPREAD: 2.138

VERT SPREAD: 2.257

GROUP SPREAD: 2.437

MIN RADIUS: 0.219

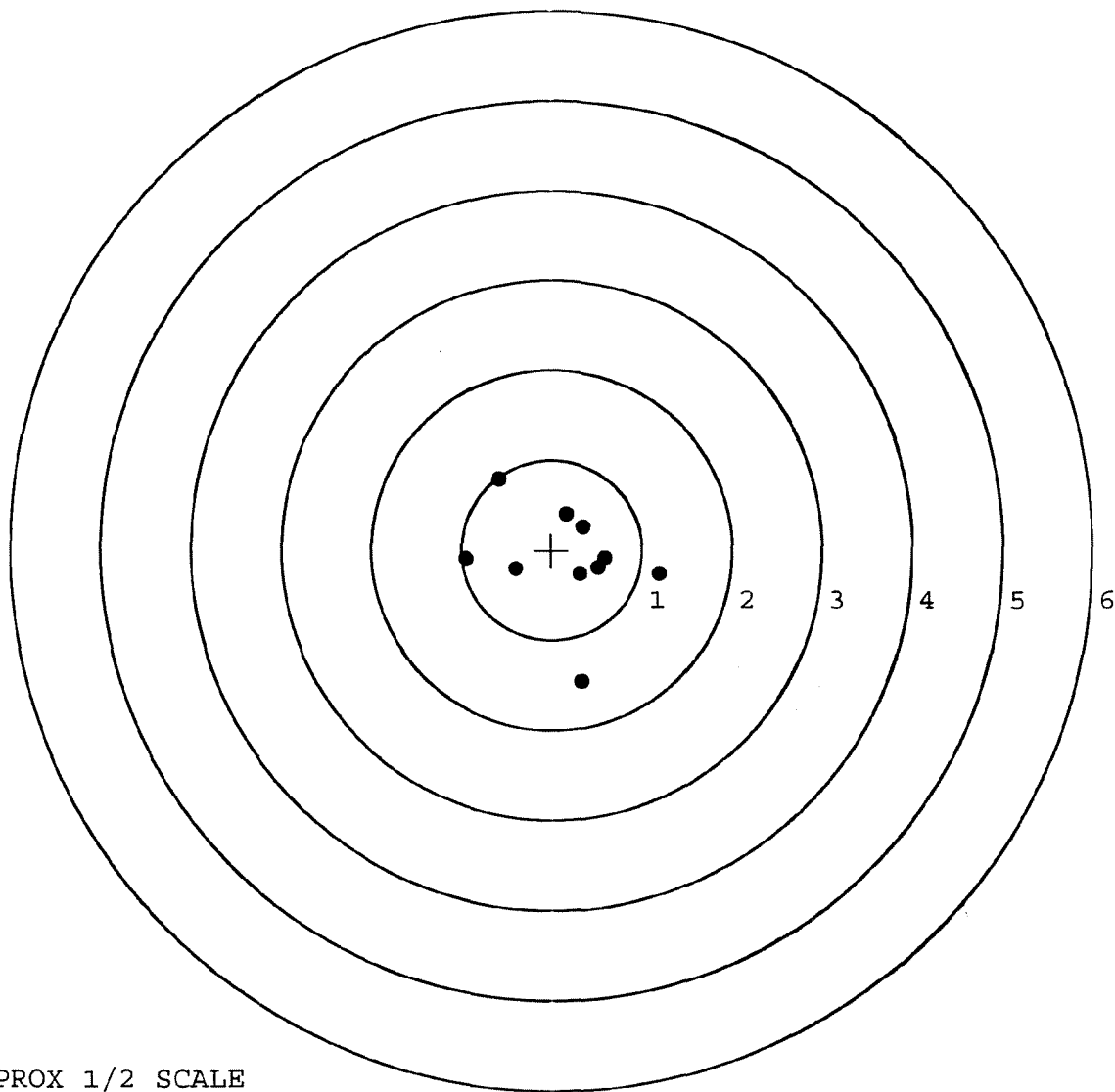
MAX RADIUS: 1.365

MEAN RADIUS: 0.721

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE