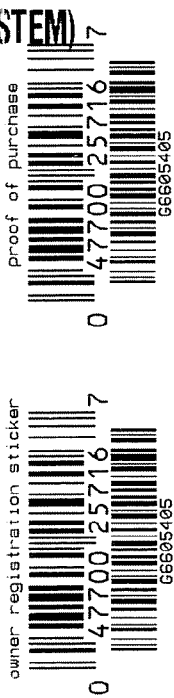


57660 5405

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

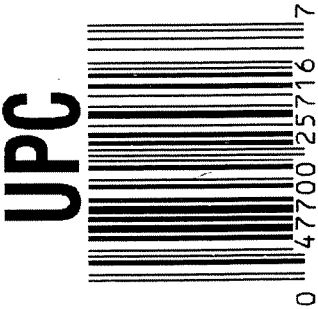
- INSTRUCTION BOOK 3518

DD FORM



|               |       |
|---------------|-------|
| ORDER NO.     | 25716 |
| BARREL LENGTH | 24"   |
| CAPACITY      | 6     |

G6605405



**ORDER 25716**

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

**UPC**



**ORDER 25716**

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

**UPC**



SERIAL NO.



## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G-6605405

| OP #         | OPERATION NAME                                                                                                                         | READINGS                | DATE     | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------|---------|
| 410          | SERIALIZE BOLT HANDLE                                                                                                                  |                         | 10-13-06 | BLC     |
| 420          | ASSEMBLE ACTION                                                                                                                        |                         | 10-13-06 | BLC     |
| 430          | ASSEMBLE TO STOCK                                                                                                                      |                         | 10-13-06 | W/C     |
| 440          | PROOF                                                                                                                                  |                         | 10-13-06 | TRW     |
| 460          | CHECK HEADSPACE                                                                                                                        | MAGNA-FLUX<br>INSPECTED | 10-13-06 | TRW     |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    | OCT 17 2006             | 10-13-06 | BLC     |
| 480          | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR <u>CPD</u>     | 10-12-06 | APD     |
| 490          | MAGNAFLUX BOLT                                                                                                                         |                         |          |         |
| 500          | ROLLMARK CALIBER                                                                                                                       |                         | 10-16-06 | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                         | 10-16-06 | TRW     |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                         | 10/19    | TL      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                         |          |         |
|              | (BOLT)                                                                                                                                 |                         | 10/25/06 | FB      |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                         | 11-9-06  | SD      |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                         |          |         |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                         | 11-9-06  | SD      |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                         | 11-9-06  | SD      |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                         | 11-30-06 | L.P.D.  |
|              | 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> |                         | 12/2/06  | mm      |

F004 REV 5/2006

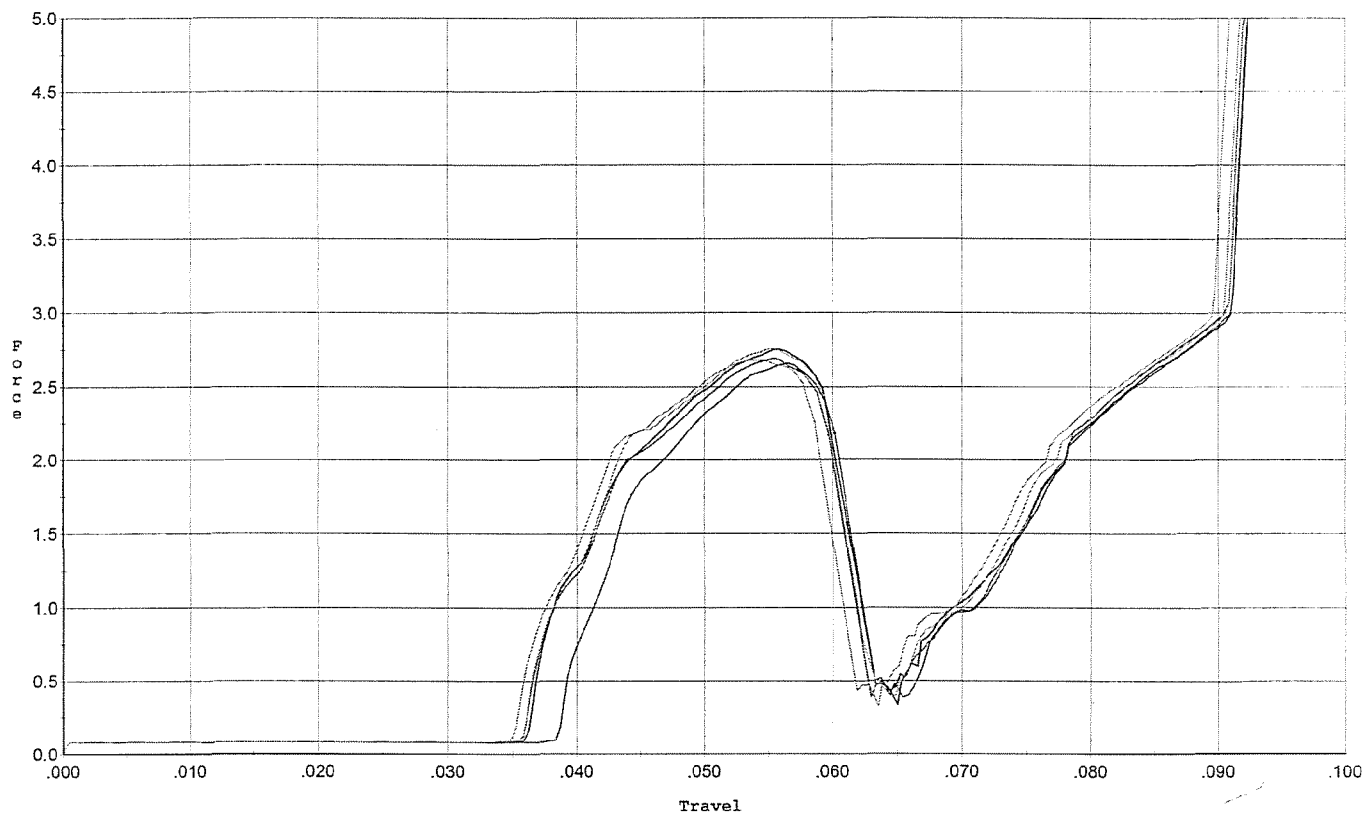
| OP #         | OPERATION NAME                                                           | READINGS                                                    | DATE     | INITIAL |
|--------------|--------------------------------------------------------------------------|-------------------------------------------------------------|----------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>40</u> <u>40</u> <u>50</u>                               | 12-13-06 | SD      |
| CONT.        | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>60</u> <u>70</u> <u>65</u>                               | 12-13-06 | SD      |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             | 12/22/06 | nom     |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.026</u> <u>.026</u> <u>.027</u>                         | 12-13-06 | SD      |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 11-30-06 | S.P.D.  |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 12/22/06 | nom     |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 12/22/06 | nom     |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 12/22/06 | nom     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 12/22/06 | nom     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 12-2-06  | S.P.D.  |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 12/6/06  | nom     |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 12/22/06 | nom     |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.50</u> <u>2.40</u> <u>2.24</u> <u>2.16</u> <u>2.34</u> | 12-13-06 | BLG     |
|              | C) FUNCTION                                                              |                                                             | 12/22/06 | nom     |
| 690          | PACK                                                                     |                                                             | 1-25-07  | DA      |

F004 REV 5/2006

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 11/8/06

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



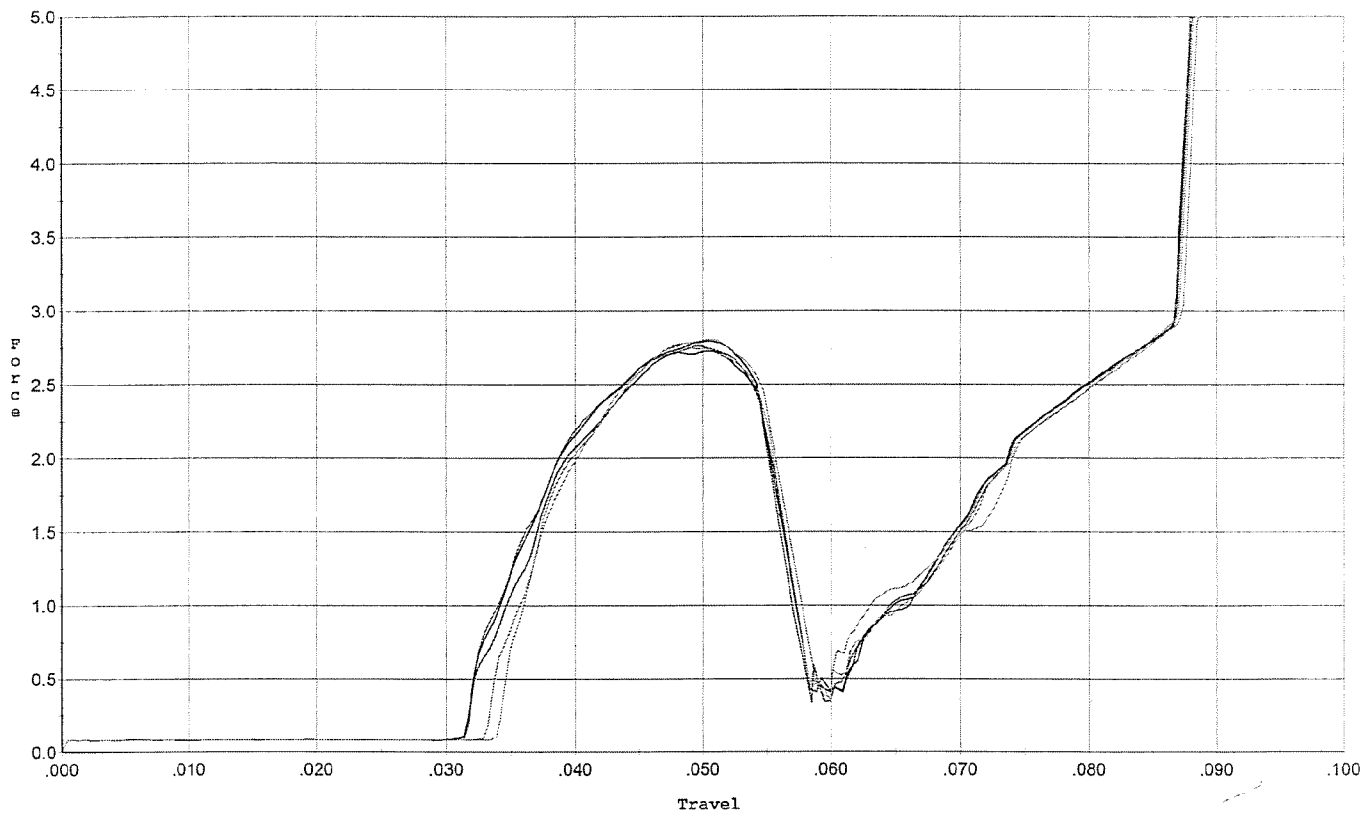
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.658      | 0.060             | 0.039           | 0.039      | 0.048             |           | Set Trigger |
| 2 | 2.753      | 0.061             | 0.036           | 0.038      | 0.055             |           | Set Trigger |
| 3 | 2.692      | 0.060             | 0.036           | 0.038      | 0.052             |           | Set Trigger |
| 4 | 2.758      | 0.059             | 0.036           | 0.038      | 0.054             |           | Set Trigger |
| 5 | 2.680      | 0.059             | 0.035           | 0.037      | 0.052             |           | Set Trigger |

271

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 11/8/06

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



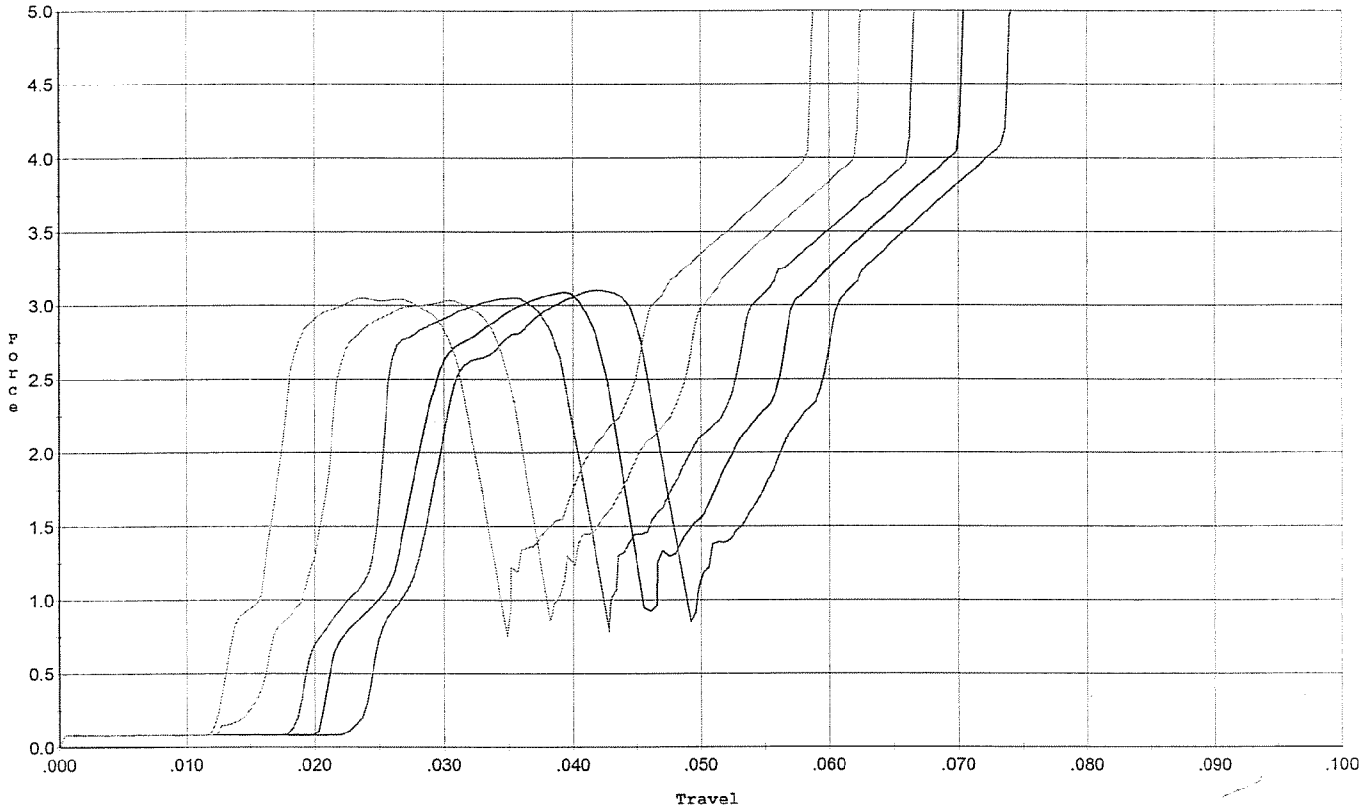
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.726      | 0.056             | 0.032           | 0.037      | 0.053             |           | Set Trigger |
| 2 | 2.792      | 0.056             | 0.032           | 0.037      | 0.055             |           | Set Trigger |
| 3 | 2.761      | 0.054             | 0.032           | 0.037      | 0.053             |           | Set Trigger |
| 4 | 2.763      | 0.055             | 0.034           | 0.037      | 0.050             |           | Set Trigger |
| 5 | 2.807      | 0.057             | 0.033           | 0.037      | 0.053             |           | Set Trigger |

2.77

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: M. McKinney 11/8/06

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 | 3.103      | 0.045             | 0.024           | 0.031      | 0.054             |           | Set Trigger |
| 2 | 3.091      | 0.043             | 0.021           | 0.030      | 0.052             |           | Set Trigger |
| 3 | 3.050      | 0.041             | 0.019           | 0.029      | 0.051             |           | Set Trigger |
| 4 | 3.034      | 0.035             | 0.013           | 0.028      | 0.048             |           | Set Trigger |
| 5 | 3.047      | 0.033             | 0.012           | 0.028      | 0.048             |           | Set Trigger |

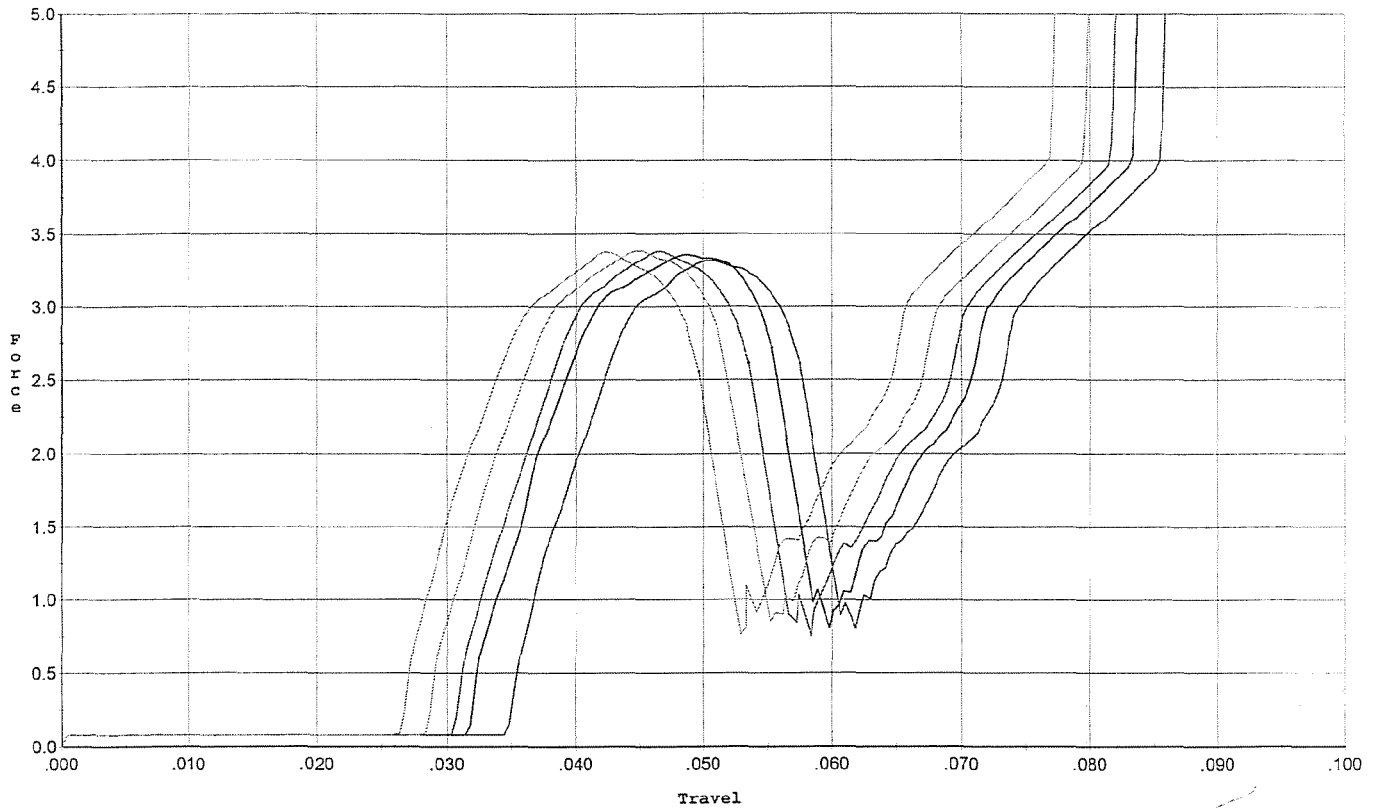
3.04



## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: M. McKinney 11/8/06

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



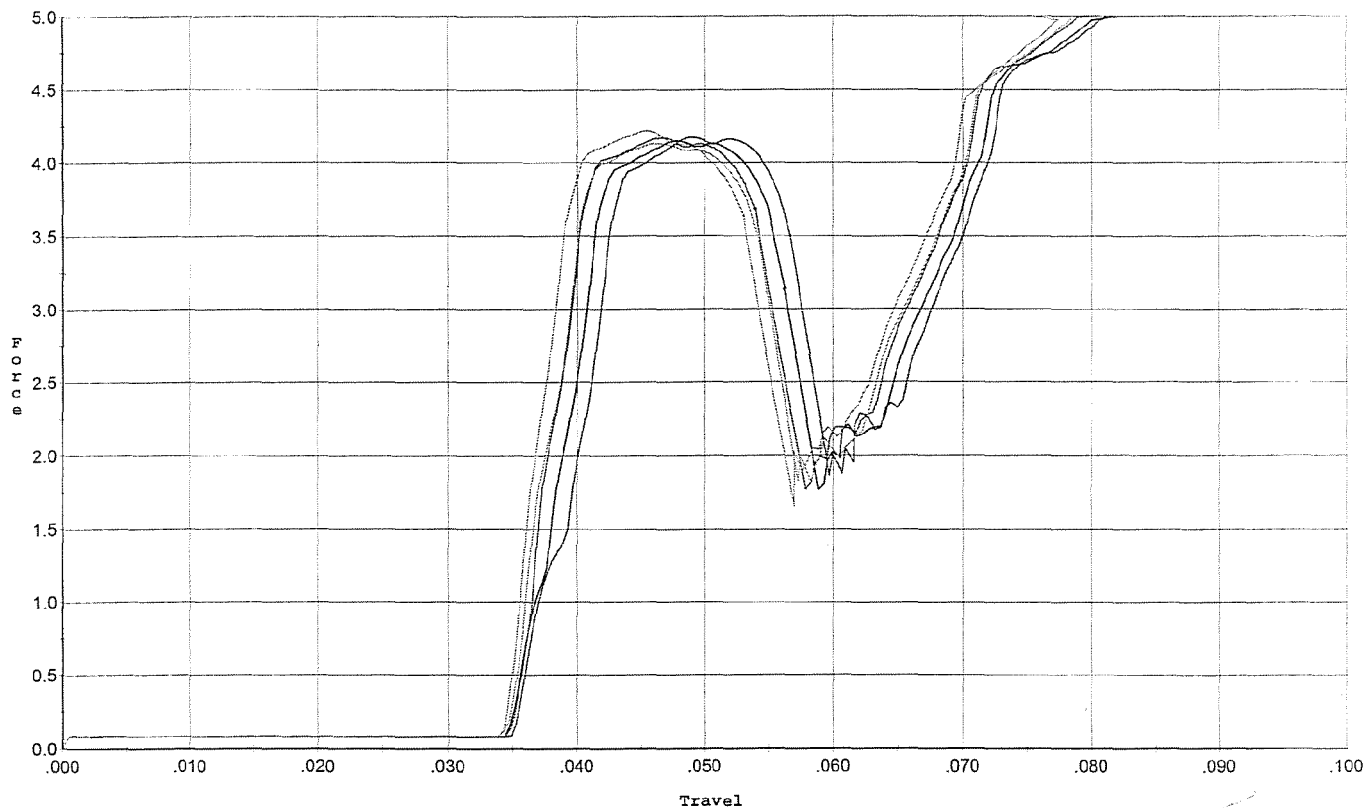
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.318      | 0.058             | 0.035           | 0.034      | 0.063             |           | Set Trigger |
| 2 | 3.357      | 0.055             | 0.032           | 0.033      | 0.066             |           | Set Trigger |
| 3 | 3.381      | 0.054             | 0.031           | 0.033      | 0.063             |           | Set Trigger |
| 4 | 3.382      | 0.053             | 0.029           | 0.032      | 0.066             |           | Set Trigger |
| 5 | 3.378      | 0.050             | 0.027           | 0.031      | 0.063             |           | Set Trigger |

3.36

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: M. McKinney 11/8/06

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



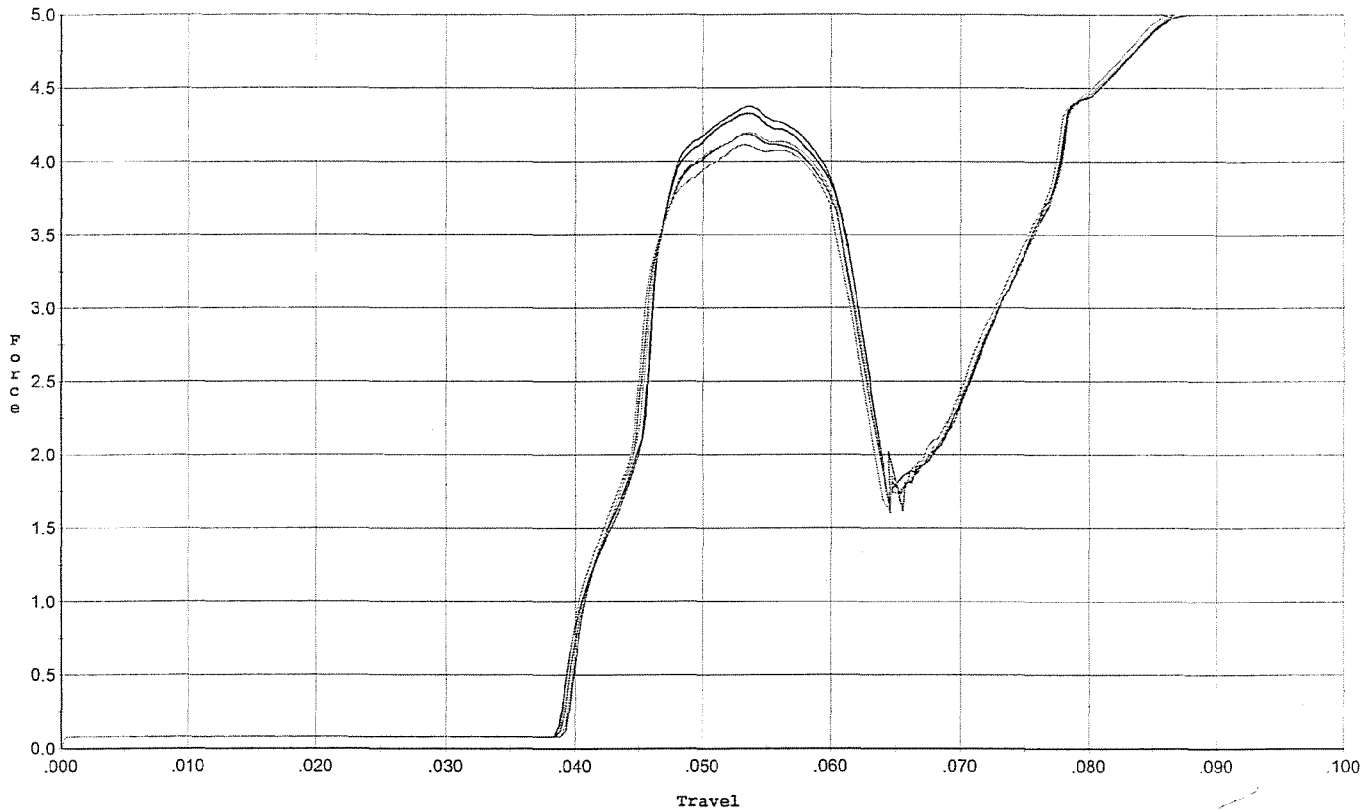
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.173      | 0.057             | 0.035           | 0.033      | 0.075             |           | Set Trigger |
| 2 | 4.150      | 0.056             | 0.035           | 0.033      | 0.074             |           | Set Trigger |
| 3 | 4.171      | 0.054             | 0.035           | 0.033      | 0.071             |           | Set Trigger |
| 4 | 4.131      | 0.054             | 0.035           | 0.033      | 0.072             |           | Set Trigger |
| 5 | 4.218      | 0.053             | 0.035           | 0.033      | 0.071             |           | Set Trigger |

4.7

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 11/8/06

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



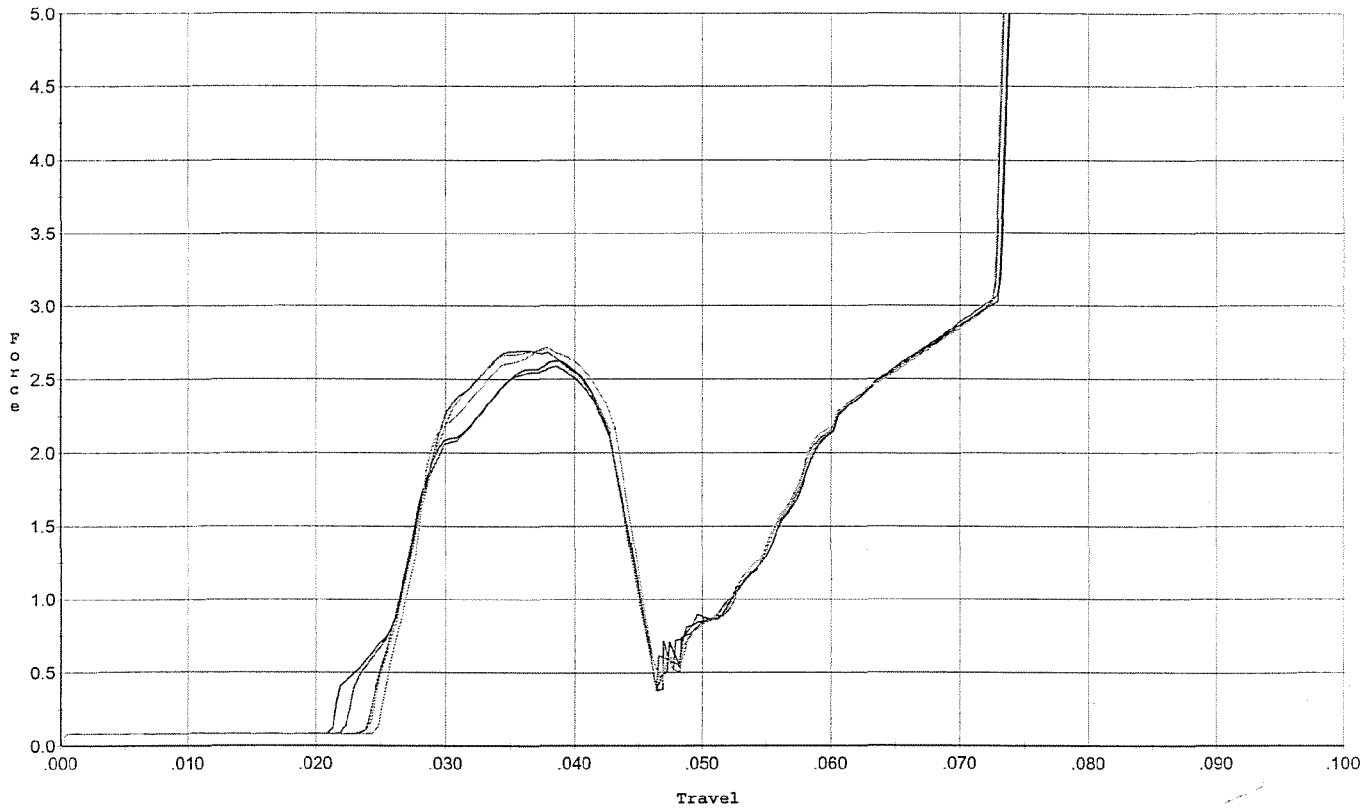
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.375      | 0.061             | 0.039           | 0.033      | 0.079             |           | Set Trigger |
| 2 | 4.327      | 0.061             | 0.039           | 0.033      | 0.078             |           | Set Trigger |
| 3 | 4.187      | 0.060             | 0.040           | 0.034      | 0.075             |           | Set Trigger |
| 4 | 4.199      | 0.062             | 0.039           | 0.033      | 0.078             |           | Set Trigger |
| 5 | 4.116      | 0.061             | 0.039           | 0.033      | 0.076             |           | Set Trigger |

4.24

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: M. McKinney

Model: M/24  
 Serial No: Form #F005  
 Trigger: Final Test & To Reset 2.5 lbs.



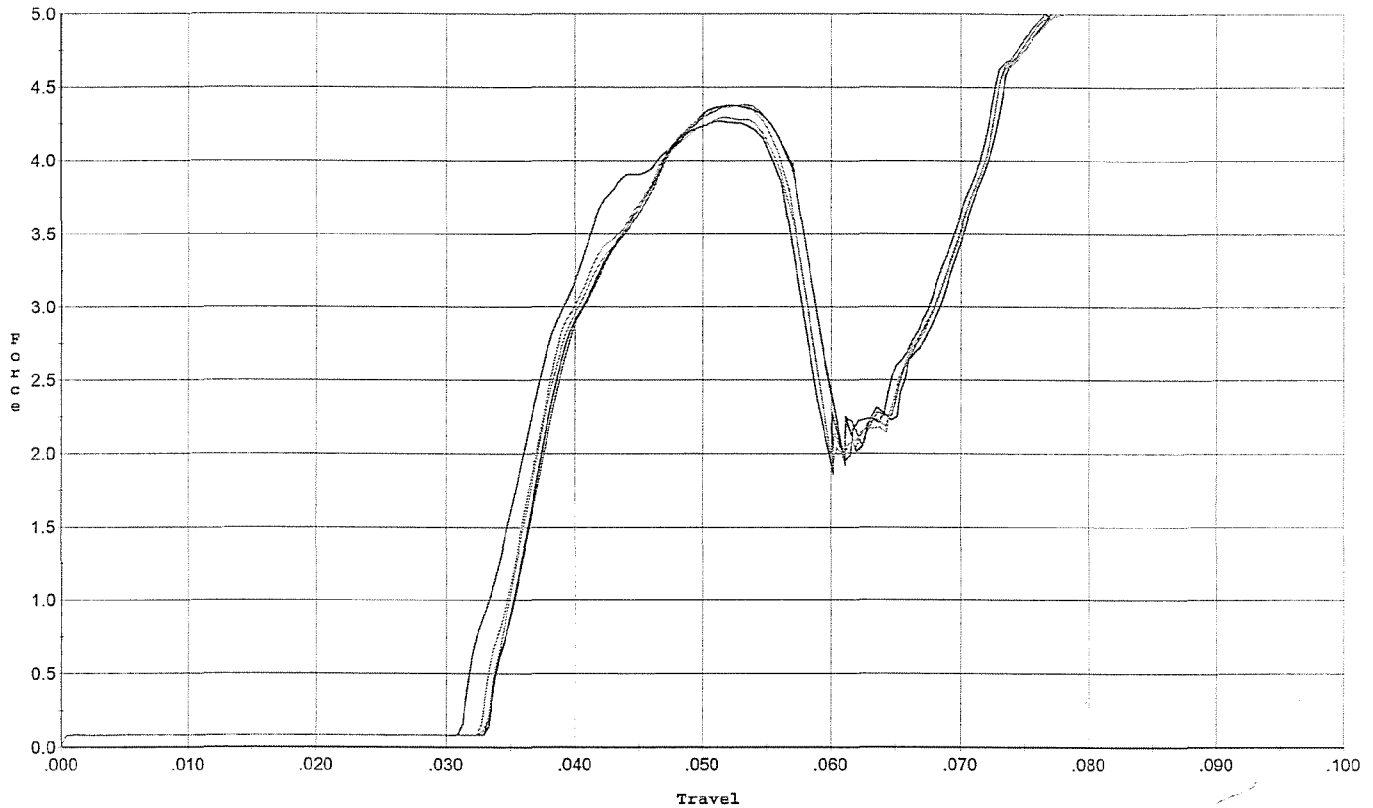
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.588      | 0.044             | 0.023           | 0.033      | 0.043             |           | Set Trigger |
| 2 | 2.623      | 0.043             | 0.022           | 0.034      | 0.042             |           | Set Trigger |
| 3 | 2.693      | 0.043             | 0.024           | 0.033      | 0.043             |           | Set Trigger |
| 4 | 2.712      | 0.043             | 0.025           | 0.033      | 0.043             |           | Set Trigger |
| 5 | 2.700      | 0.043             | 0.024           | 0.033      | 0.042             |           | Set Trigger |

2.66

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 11/8/06

Model: M/24  
Serial No: Form #F005  
Trigger: Reset to 4.0 lbs. for Target & Accuracy



| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.269      | 0.056             | 0.031           | 0.032      | 0.086             |           | Set Trigger |
| 2 | 4.380      | 0.057             | 0.033           | 0.033      | 0.085             |           | Set Trigger |
| 3 | 4.382      | 0.057             | 0.033           | 0.032      | 0.084             |           | Set Trigger |
| 4 | 4.295      | 0.057             | 0.033           | 0.033      | 0.084             |           | Set Trigger |
| 5 | 4.382      | 0.057             | 0.033           | 0.033      | 0.084             |           | Set Trigger |

4.34

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6605405.\_\_\_0  
FILE DATE AND TIME: 12/04/2006 05:39

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.057 |
| The Average Y Centroid of the Five Target Set:              | -0.041 |
| The Average Point of Impact of the Five Target Set:         | 0.070  |
| The Average Mean Radius of the Five Target Set:             | 0.576  |
| The Distance from POA to Centroid Target #1:                | 0.181  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.274  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.245  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.098  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.189  |

**BARBER - M24 0134410**

SERIAL NUMBER: G6605405. \_\_ 0

TARGET NUMBER: 1

FILE DATE: 12/04/2006

FILE TIME: 05:39

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.495 | 0.638  |
| 2:     | -0.820 | 0.318  |
| 3:     | -0.409 | 0.324  |
| 4:     | -0.554 | -0.203 |
| 5:     | -0.387 | 0.003  |
| 6:     | 0.023  | 0.172  |
| 7:     | -0.093 | -0.077 |
| 8:     | 0.136  | -0.479 |
| 9:     | 0.327  | 0.020  |
| 10:    | 0.561  | -0.134 |

X CENTROID: -0.171

Y CENTROID: 0.058

POA TO CENTROID: 0.181

HORZ SPREAD: 1.381

VERT SPREAD: 1.117

GROUP SPREAD: 1.453

MIN RADIUS: 0.156

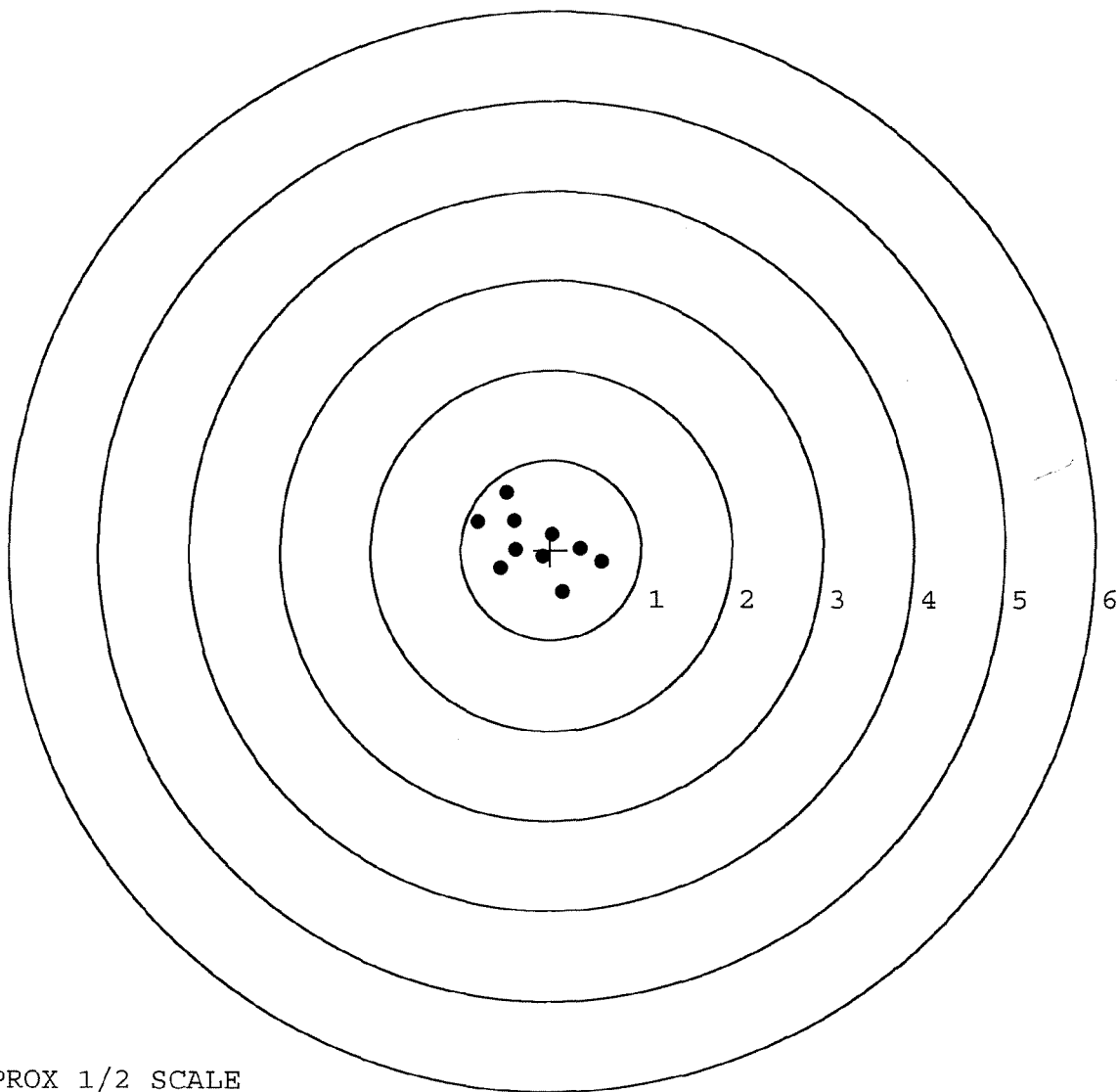
MAX RADIUS: 0.757

MEAN RADIUS: 0.466

# IN 1 IN DIAMETER: 6

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0134411**

SERIAL NUMBER: G6605405. \_\_0

TARGET NUMBER: 2

FILE DATE: 12/04/2006

FILE TIME: 05:39

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.129  | -0.839 |
| 2:     | -0.203 | -0.676 |
| 3:     | -0.369 | -0.619 |
| 4:     | -0.589 | -0.151 |
| 5:     | -0.331 | 0.057  |
| 6:     | -0.348 | 0.307  |
| 7:     | 0.357  | 0.390  |
| 8:     | 0.290  | 0.181  |
| 9:     | 0.222  | -0.071 |
| 10:    | 0.085  | 0.088  |

X CENTROID: 0.024

Y CENTROID: -0.133

POA TO CENTROID: 0.135

HORZ SPREAD: 1.718

VERT SPREAD: 1.229

GROUP SPREAD: 1.869

MIN RADIUS: 0.207

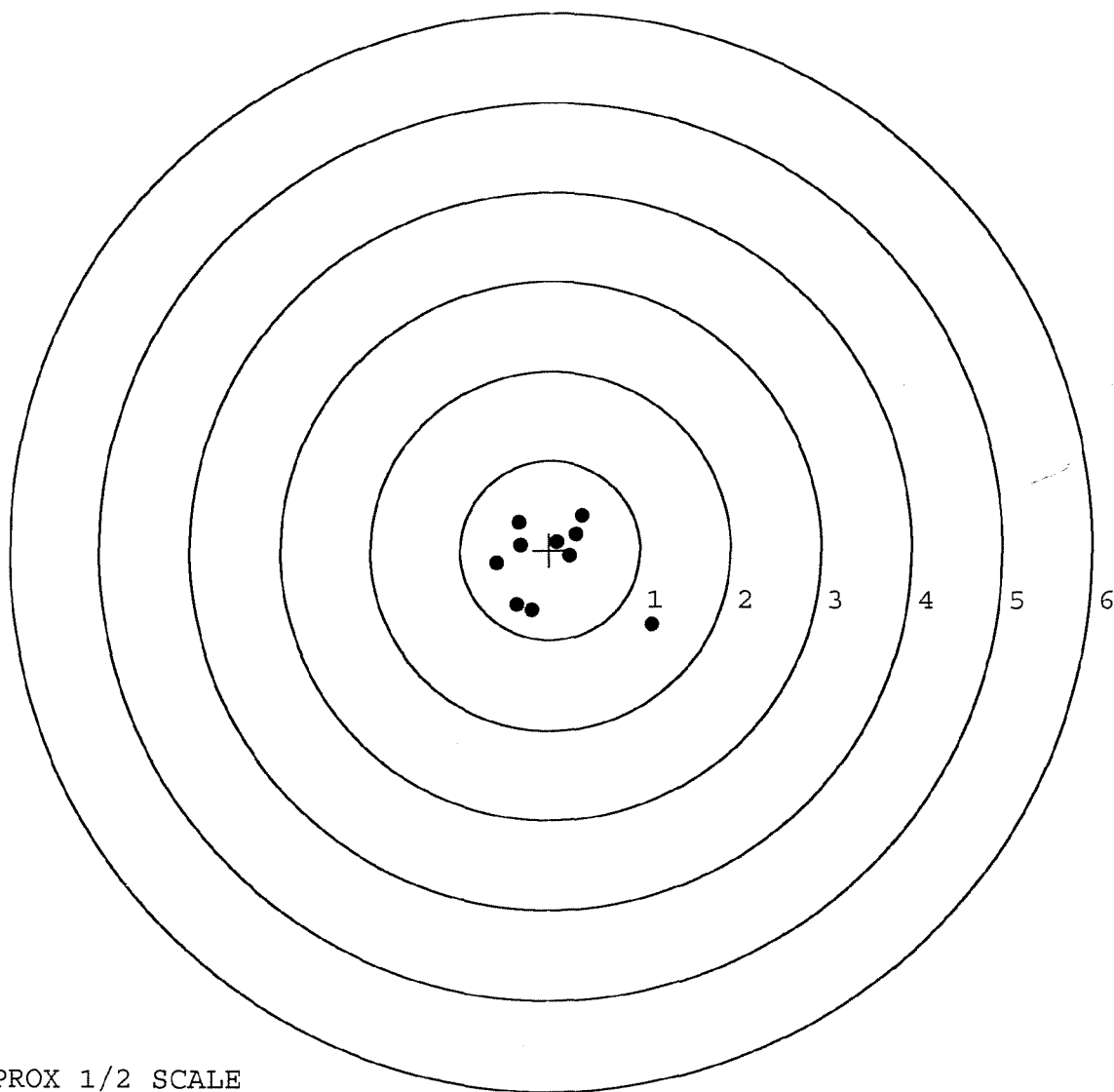
MAX RADIUS: 1.311

MEAN RADIUS: 0.559

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE



**BARBER - M24 0134412**

SERIAL NUMBER: G6605405. 0

TARGET NUMBER: 3

FILE DATE: 12/04/2006

FILE TIME: 05:39

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.177 | -0.176 |
| 2:     | -1.251 | 0.359  |
| 3:     | 0.274  | -0.804 |
| 4:     | -0.058 | -0.430 |
| 5:     | -0.195 | -0.192 |
| 6:     | 0.002  | 0.377  |
| 7:     | 0.939  | 0.283  |
| 8:     | 0.694  | 0.075  |
| 9:     | 0.515  | -0.219 |
| 10:    | 0.742  | 0.228  |

X CENTROID: 0.049

Y CENTROID: -0.050

POA TO CENTROID: 0.070

HORZ SPREAD: 2.190

VERT SPREAD: 1.181

GROUP SPREAD: 2.191

MIN RADIUS: 0.282

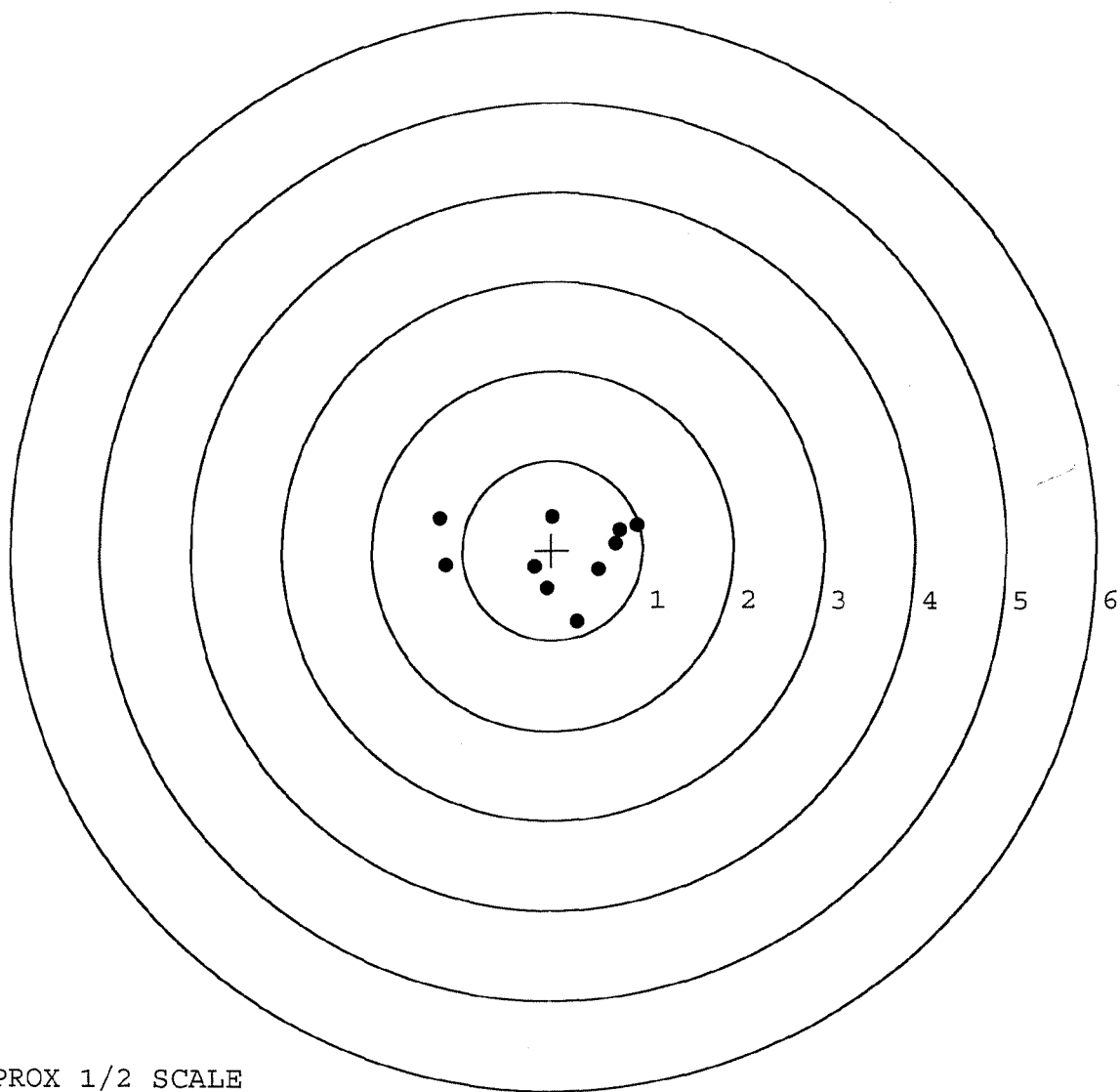
MAX RADIUS: 1.362

MEAN RADIUS: 0.734

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0134413**

SERIAL NUMBER: G6605405. 0

TARGET NUMBER: 4

FILE DATE: 12/04/2006

FILE TIME: 05:39

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.451  | -0.732 |
| 2:     | 0.253  | -0.285 |
| 3:     | -0.102 | -0.175 |
| 4:     | -0.369 | -0.421 |
| 5:     | -1.256 | 0.467  |
| 6:     | -0.360 | 0.389  |
| 7:     | -0.008 | 0.427  |
| 8:     | -0.008 | 0.241  |
| 9:     | 0.436  | 0.341  |
| 10:    | 0.220  | 0.170  |

X CENTROID: -0.074

Y CENTROID: 0.042

POA TO CENTROID: 0.085

HORZ SPREAD: 1.707

VERT SPREAD: 1.199

GROUP SPREAD: 2.086

MIN RADIUS: 0.210

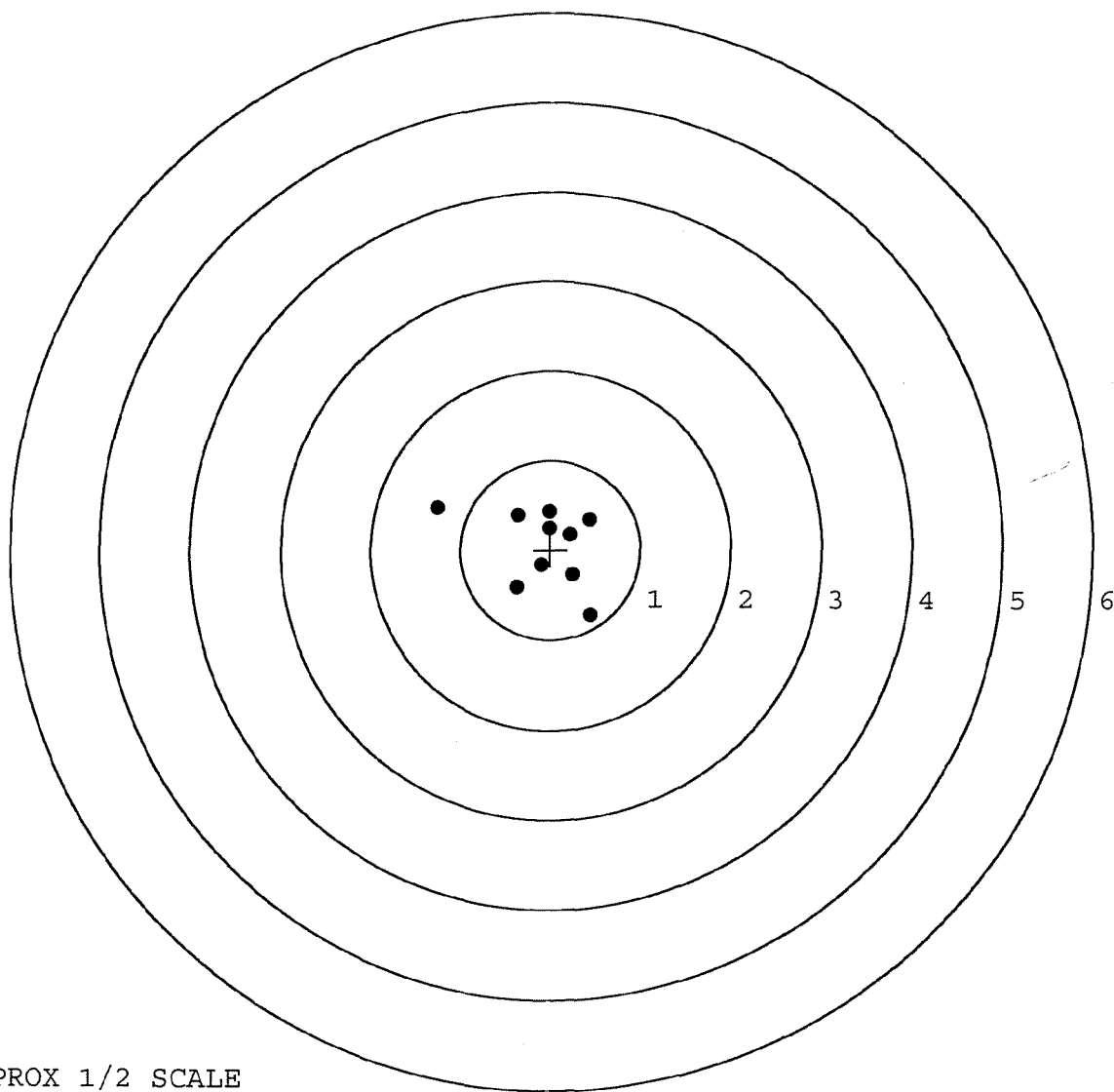
MAX RADIUS: 1.256

MEAN RADIUS: 0.538

# IN 1 IN DIAMETER: 6

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0134414**

SERIAL NUMBER: G6605405. \_\_0

TARGET NUMBER: 5

FILE DATE: 12/04/2006

FILE TIME: 05:39

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.390 | -0.605 |
| 2:     | -0.821 | 0.144  |
| 3:     | -0.289 | 0.148  |
| 4:     | -0.239 | -0.492 |
| 5:     | 0.637  | -0.756 |
| 6:     | 0.411  | -0.036 |
| 7:     | 0.226  | -0.136 |
| 8:     | 0.003  | 0.008  |
| 9:     | 0.137  | 0.367  |
| 10:    | 0.223  | 0.154  |

X CENTROID: -0.110

Y CENTROID: -0.120

POA TO CENTROID: 0.163

HORZ SPREAD: 2.027

VERT SPREAD: 1.123

GROUP SPREAD: 2.033

MIN RADIUS: 0.171

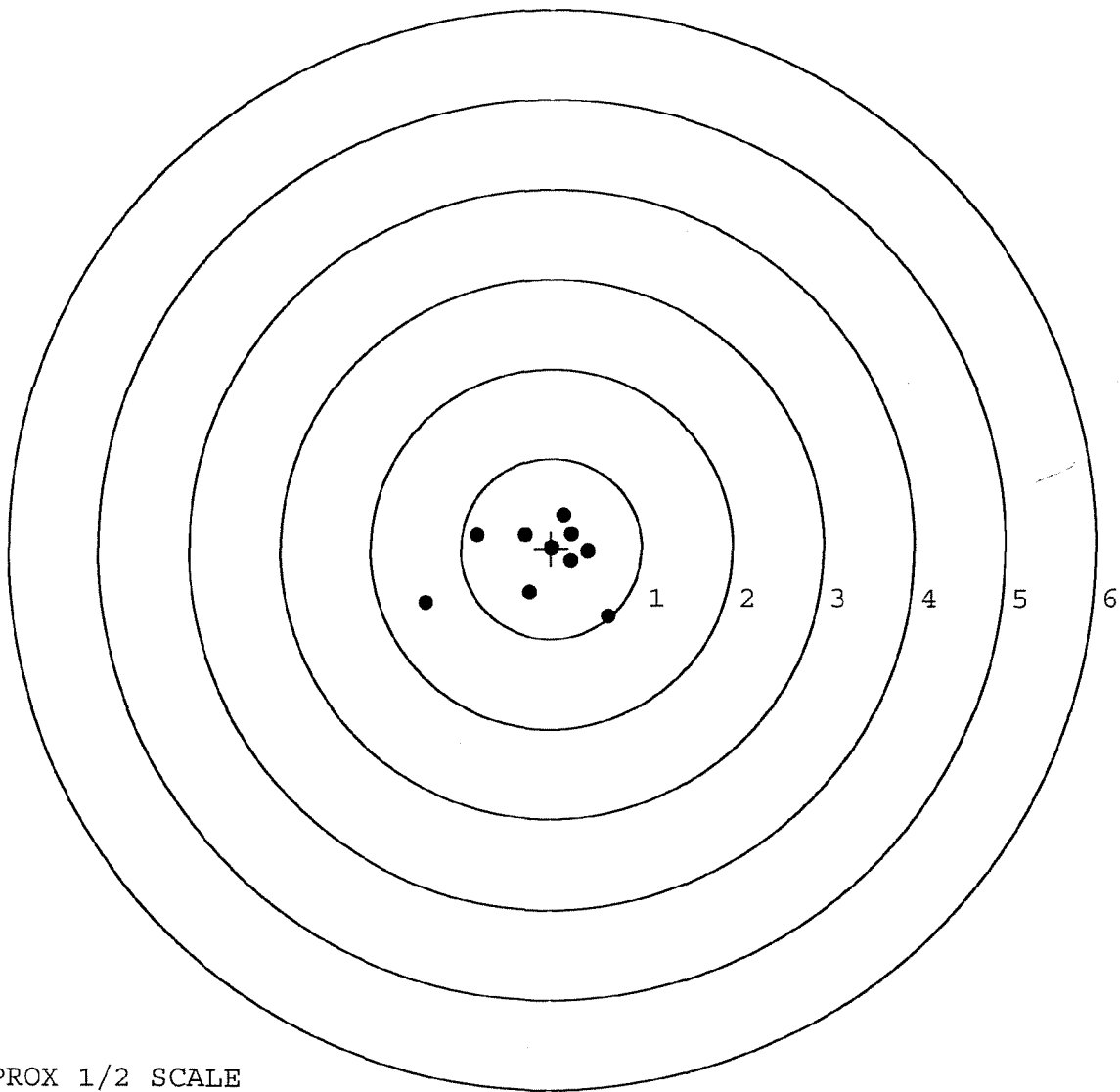
MAX RADIUS: 1.368

MEAN RADIUS: 0.584

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE