

G 6637669

**ORDER 25716**

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

**UPC**



**ORDER 25716**

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

**UPC**



SERIAL NO.



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

- INSTRUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker



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

G6637669

UPC



GUN SERIAL # G6637669

| OP #         | OPERATION NAME                                                                                                                         | READINGS            | DATE    | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------|---------|
| 410          | SERIALIZE BOLT HANDLE                                                                                                                  |                     | 4-13-07 | RTZ     |
| 420          | ASSEMBLE ACTION                                                                                                                        |                     | 4-13-07 | APD     |
| 430          | ASSEMBLE TO STOCK                                                                                                                      |                     | 4-16-07 | TRW     |
| 440          | PROOF                                                                                                                                  | MAGNA - FLUX        | 4-16-07 | FM      |
| 460          | CHECK HEADSPACE                                                                                                                        | APR 19 2007         | 4-16-07 | FM      |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    | OPERATOR <u>APD</u> | 4-16-07 | RTZ     |
| 480          | MAGNAFLUX BBL ACTION                                                                                                                   |                     | 4-19-07 | APD     |
| 490          | MAGNAFLUX BOLT                                                                                                                         |                     |         |         |
| 500          | ROLLMARK CALIBER                                                                                                                       |                     | 4-19-07 | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                     | 4-17-07 | SD      |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                     | 4-19-07 | TRW     |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                     |         |         |
|              | (BOLT)                                                                                                                                 |                     | 4-25-07 | W       |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                     | 4-25-07 | SD      |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                     |         |         |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                     | 4-25-07 | SD      |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                     | 4-25-07 | SD      |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                     | 4-26-07 | 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> |                     | 5/21/07 | W       |

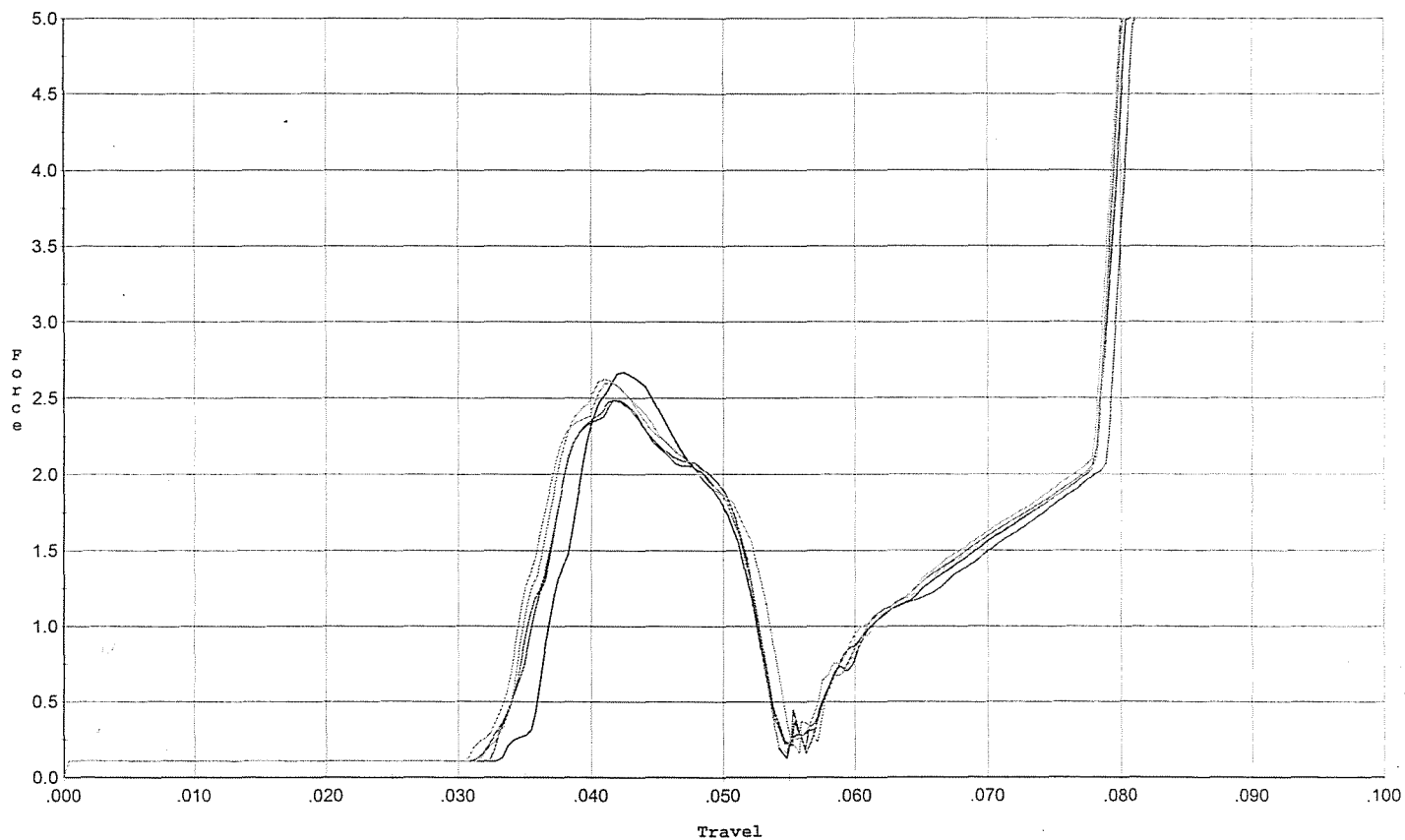
F004 REV 5/2006

|                      |                                                                       |                                           |             |             |             |            |            |         |    |
|----------------------|-----------------------------------------------------------------------|-------------------------------------------|-------------|-------------|-------------|------------|------------|---------|----|
| BARBER - M24 0144427 |                                                                       |                                           |             |             |             |            |            |         |    |
| 560                  | F) SAFETY ON FORCE                                                    | 2 LBS MIN<br>10 LBS MAX                   | <u>7.2</u>  | <u>7.0</u>  | <u>6.5</u>  | 5/25/07    | DA         |         |    |
| CONT.                |                                                                       |                                           |             |             |             |            |            |         |    |
|                      | G) SAFETY OFF FORCE                                                   | 2 LBS MIN                                 | <u>3.0</u>  | <u>3.0</u>  | <u>3.0</u>  | 5/25/07    | DA         |         |    |
|                      | H) TRIGGER PULL TEST<br>AND RETAINABILITY                             |                                           |             |             |             | 6/8/07     | mm         |         |    |
|                      | I) FIRING PIN INDENT                                                  | .020 MIN                                  | <u>.023</u> | <u>.022</u> | <u>.023</u> | 5/25/07    | DA         |         |    |
|                      | J) ASSEMBLE STOCK                                                     |                                           |             |             |             | 4/26/07    | RP.D.      |         |    |
|                      | K) ASSEMBLE SWIVEL<br>STUDS                                           |                                           |             |             |             | 6-13-07    | RP.D.      |         |    |
|                      | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                              |                                           |             |             |             | 6/8/07     | mm         |         |    |
|                      | M) IRON SIGHT<br>ALIGNMENT                                            |                                           |             |             |             | 6/8/07     | mm         |         |    |
|                      | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER |                                           |             |             |             | 6/8/07     | mm         |         |    |
| 640 &<br>650         | FUNCTION TEST AND<br>TARGET                                           |                                           | <u>PASS</u> |             | FAIL        | 5-11-07    | SD         |         |    |
|                      |                                                                       |                                           | <u>PASS</u> |             | FAIL        |            |            |         |    |
|                      | MALFUNCTION                                                           |                                           | CORRECTION  |             |             |            |            |         |    |
|                      | MALFUNCTION                                                           |                                           | CORRECTION  |             |             |            |            |         |    |
|                      | MALFUNCTION                                                           |                                           | CORRECTION  |             |             |            |            | N/A     |    |
|                      | MALFUNCTION                                                           |                                           | CORRECTION  |             |             | 5-11-07    | SD         |         |    |
| 660                  | INSPECT FOR LIVE AMMO                                                 |                                           |             |             |             | 5-11-07    | mm         |         |    |
| 670                  | FINAL INSPECTION<br>A) HEADSPACE                                      |                                           |             |             |             | 6/8/07     | mm         |         |    |
|                      | B) TRIGGER PULL                                                       | +/- .5 LBS<br>MIN 2.50 LBS<br>MAX 4.0 LBS | <u>241</u>  | <u>242</u>  | <u>241</u>  | <u>226</u> | <u>232</u> | 5/22/07 | mm |
|                      | C) FUNCTION                                                           |                                           |             |             |             | 6/8/07     | mm         |         |    |
| 690                  | PACK                                                                  |                                           |             |             |             | 6/8/07     | DA         |         |    |

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 4/26/07

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



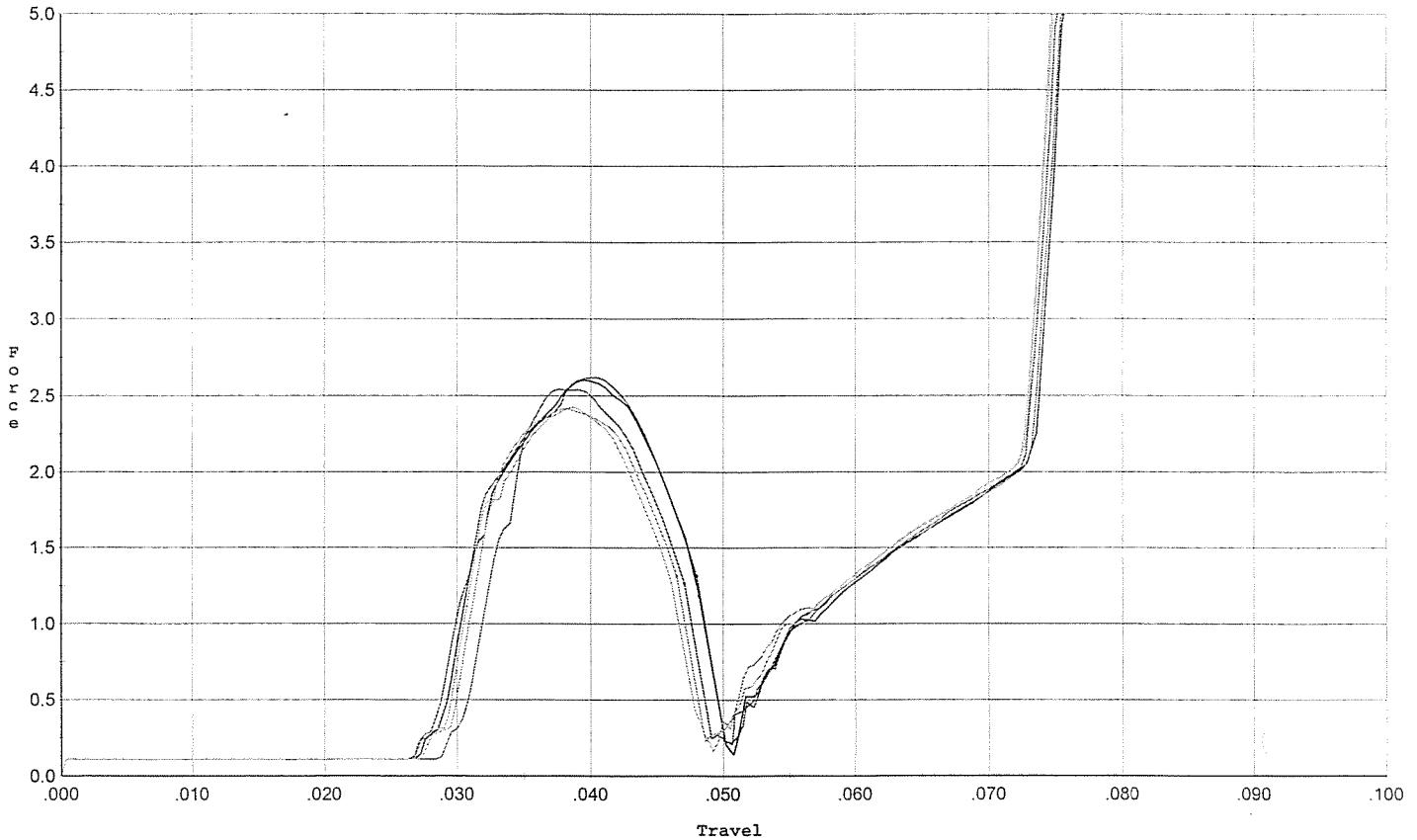
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.485      | 0.052             | 0.033           | 0.036      | 0.039             |           | Set Trigger |
| 2 | 2.669      | 0.052             | 0.034           | 0.036      | 0.037             |           | Set Trigger |
| 3 | 2.488      | 0.052             | 0.033           | 0.035      | 0.039             |           | Set Trigger |
| 4 | 2.626      | 0.053             | 0.032           | 0.034      | 0.042             |           | Set Trigger |
| 5 | 2.603      | 0.052             | 0.031           | 0.034      | 0.041             |           | Set Trigger |

2.57 Avg

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 4/26/07

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



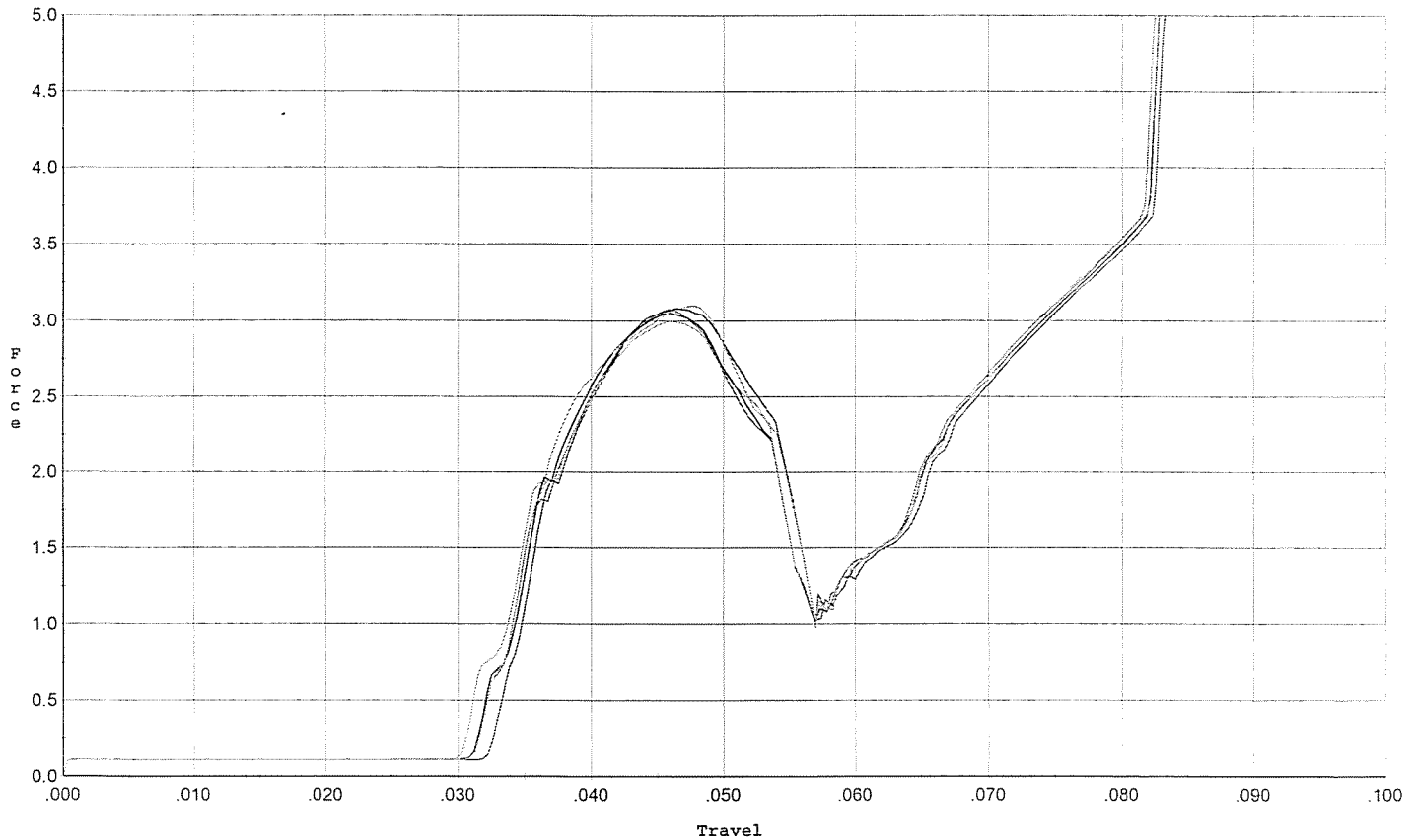
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.620      | 0.048             | 0.027           | 0.032      | 0.043             |           | Set Trigger |
| 2 | 2.603      | 0.048             | 0.028           | 0.033      | 0.042             |           | Set Trigger |
| 3 | 2.544      | 0.047             | 0.029           | 0.034      | 0.036             |           | Set Trigger |
| 4 | 2.428      | 0.046             | 0.028           | 0.034      | 0.035             |           | Set Trigger |
| 5 | 2.414      | 0.047             | 0.027           | 0.033      | 0.037             |           | Set Trigger |

2.52 Avg.

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 4/26/07

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



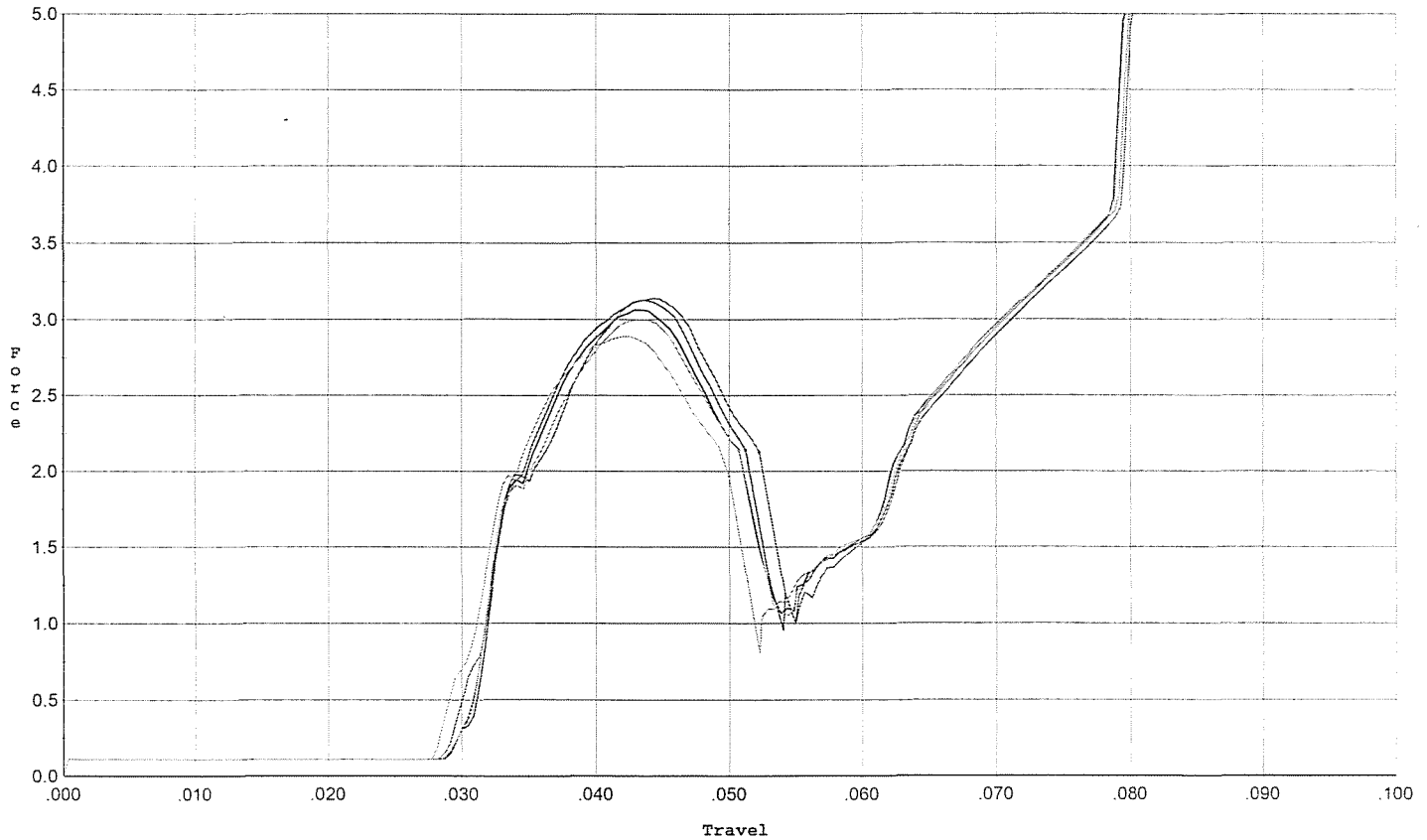
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.082      | 0.055             | 0.033           | 0.034      | 0.057             |           | Set Trigger |
| 2 | 3.050      | 0.054             | 0.032           | 0.034      | 0.055             |           | Set Trigger |
| 3 | 3.076      | 0.054             | 0.032           | 0.034      | 0.055             |           | Set Trigger |
| 4 | 2.999      | 0.053             | 0.032           | 0.034      | 0.055             |           | Set Trigger |
| 5 | 3.101      | 0.055             | 0.031           | 0.033      | 0.060             |           | Set Trigger |

3.04 Avg.

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 4/26/07

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



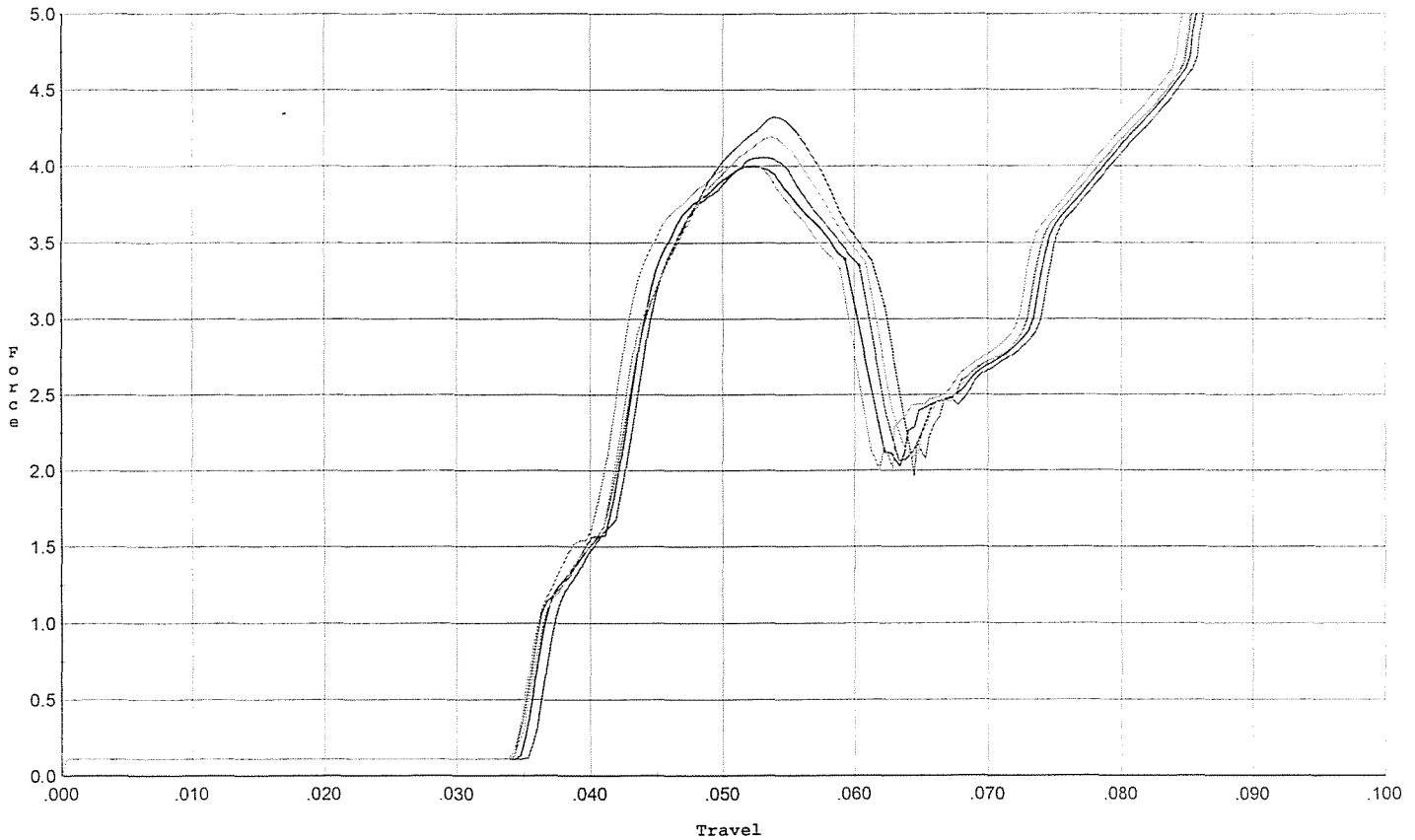
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.125      | 0.051             | 0.030           | 0.033      | 0.055             |           | Set Trigger |
| 2 | 3.064      | 0.051             | 0.030           | 0.033      | 0.053             |           | Set Trigger |
| 3 | 3.141      | 0.052             | 0.029           | 0.032      | 0.057             |           | Set Trigger |
| 4 | 2.890      | 0.050             | 0.028           | 0.034      | 0.051             |           | Set Trigger |
| 5 | 3.001      | 0.051             | 0.030           | 0.033      | 0.052             |           | Set Trigger |

3.07 Avg

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 4/26/07

Model: M/24  
Serial No: Form #F005  
Trigger: 4.0 lb



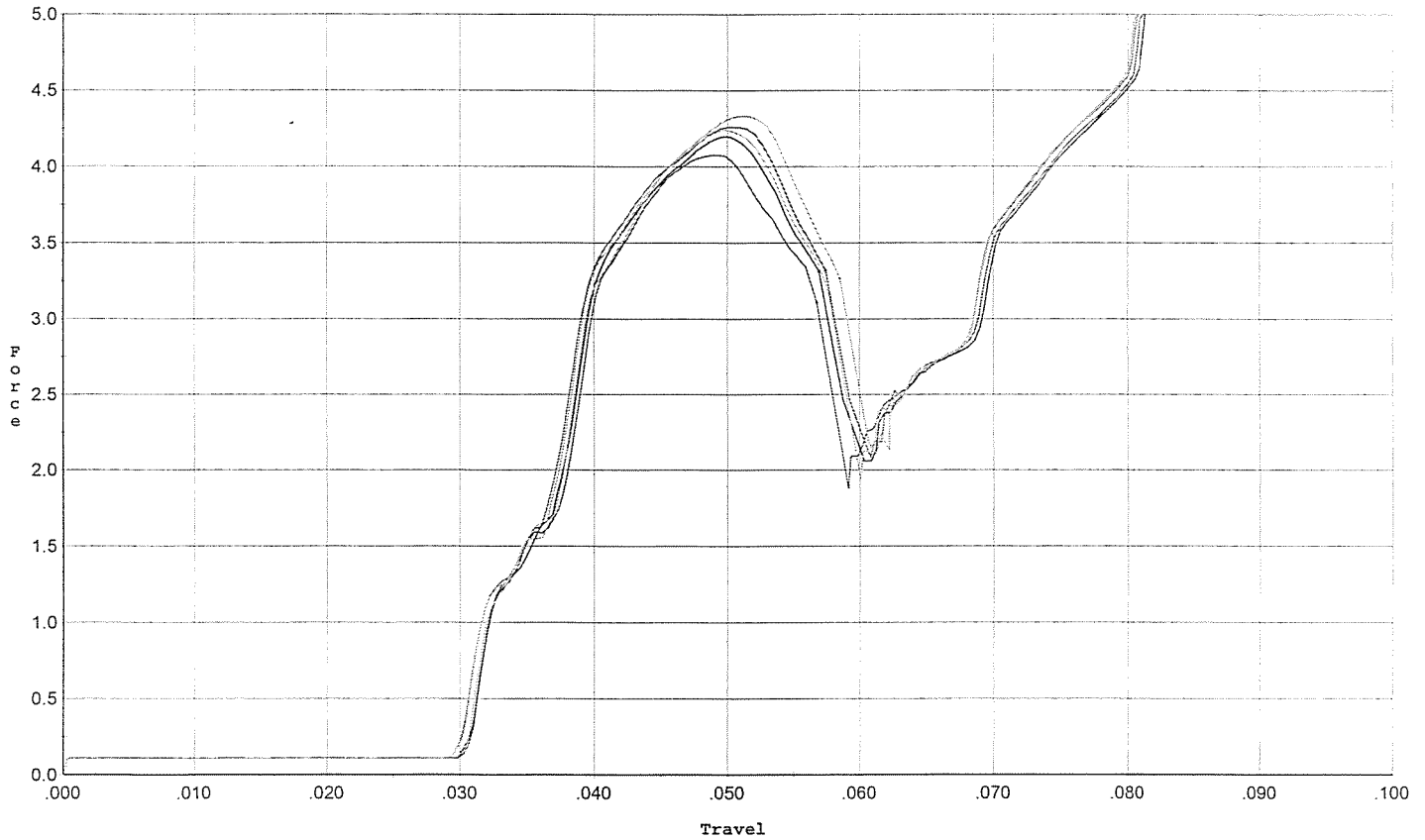
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.055      | 0.060             | 0.036           | 0.031      | 0.079             |           | Set Trigger |
| 2 | 4.000      | 0.059             | 0.035           | 0.032      | 0.077             |           | Set Trigger |
| 3 | 4.320      | 0.062             | 0.035           | 0.029      | 0.089             |           | Set Trigger |
| 4 | 4.190      | 0.061             | 0.035           | 0.030      | 0.084             |           | Set Trigger |
| 5 | 4.010      | 0.059             | 0.035           | 0.031      | 0.079             |           | Set Trigger |

4.12 Avg

## Trigger Profile [ lbs,inch ]

Profile: SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 4/26/07

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



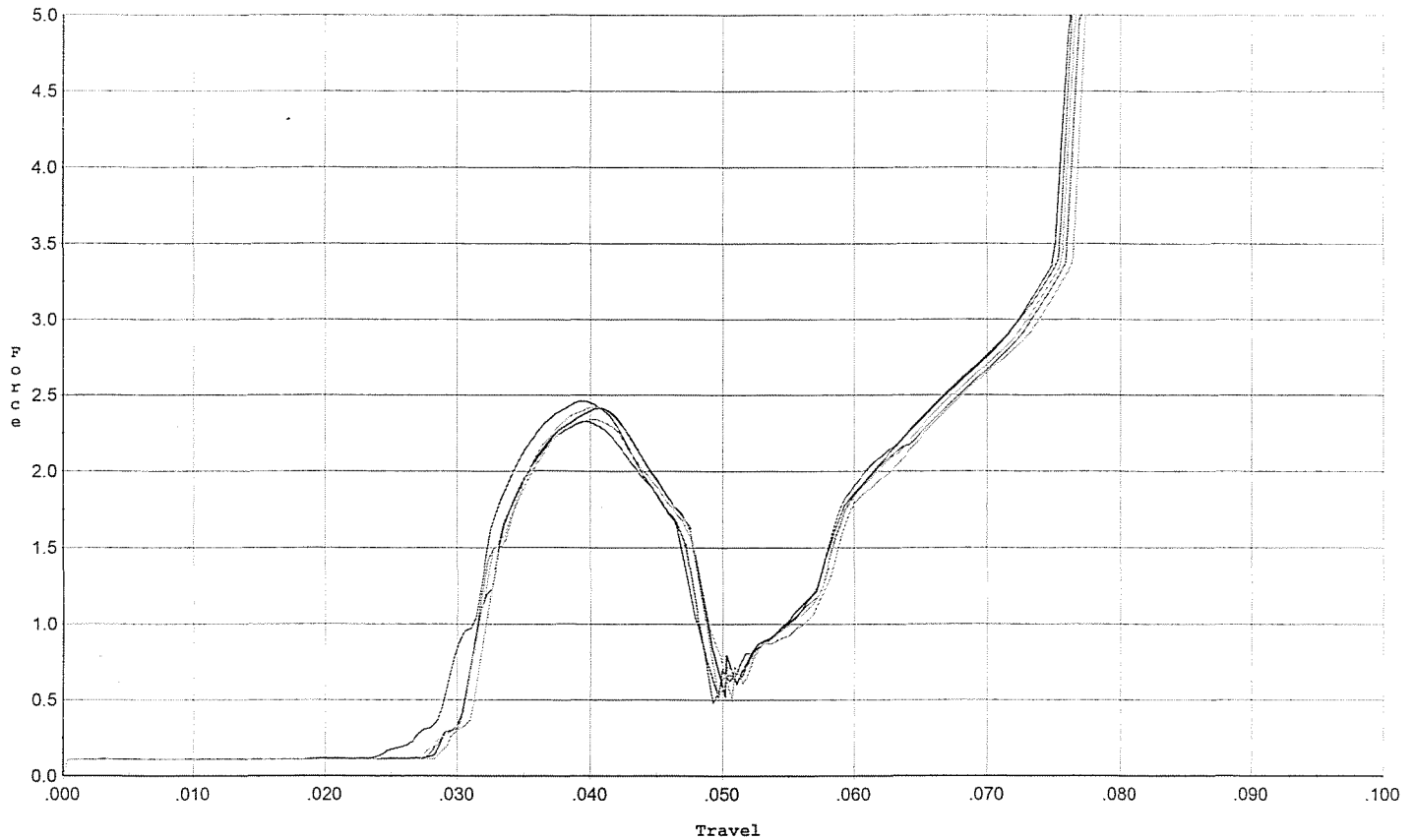
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.076      | 0.057             | 0.031           | 0.030      | 0.082             |           | Set Trigger |
| 2 | 4.197      | 0.057             | 0.031           | 0.030      | 0.085             |           | Set Trigger |
| 3 | 4.258      | 0.057             | 0.030           | 0.029      | 0.089             |           | Set Trigger |
| 4 | 4.239      | 0.058             | 0.030           | 0.028      | 0.089             |           | Set Trigger |
| 5 | 4.334      | 0.059             | 0.030           | 0.028      | 0.092             |           | Set Trigger |

4.22 Avg

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 4/26/07

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



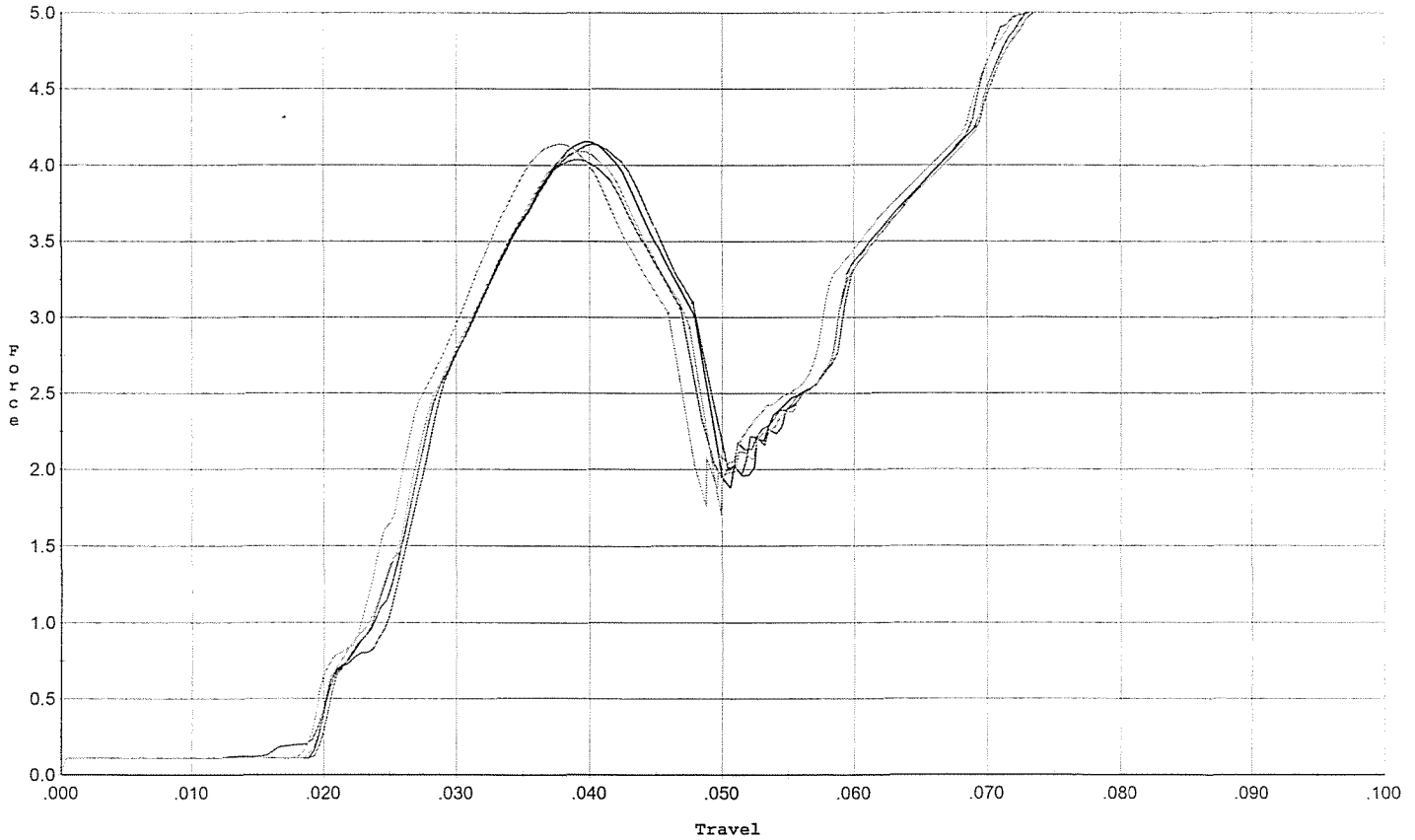
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.464      | 0.046             | 0.029           | 0.034      | 0.038             |           | Set Trigger |
| 2 | 2.414      | 0.048             | 0.029           | 0.034      | 0.037             |           | Set Trigger |
| 3 | 2.326      | 0.047             | 0.029           | 0.035      | 0.036             |           | Set Trigger |
| 4 | 2.422      | 0.047             | 0.029           | 0.034      | 0.037             |           | Set Trigger |
| 5 | 2.342      | 0.048             | 0.030           | 0.035      | 0.036             |           | Set Trigger |

2.39 Avg.

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 4/26/07

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 | 4.139      | 0.048             | 0.020           | 0.028      | 0.081             |           | Set Trigger |
| 2 | 4.155      | 0.048             | 0.020           | 0.028      | 0.082             |           | Set Trigger |
| 3 | 4.036      | 0.047             | 0.020           | 0.029      | 0.077             |           | Set Trigger |
| 4 | 4.088      | 0.048             | 0.020           | 0.028      | 0.080             |           | Set Trigger |
| 5 | 4.142      | 0.046             | 0.019           | 0.029      | 0.078             |           | Set Trigger |

7.11 Aug-

## SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637669.\_\_\_0

FILE DATE AND TIME: 05/11/2007 21:08

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.041  |
| The Average Y Centroid of the Five Target Set:              | -0.071 |
| The Average Point of Impact of the Five Target Set:         | 0.082  |
| The Average Mean Radius of the Five Target Set:             | 0.745  |
| The Distance from POA to Centroid Target #1:                | 0.159  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.094  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.275  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.165  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.167  |

SERIAL NUMBER: G6637669. 0

TARGET NUMBER: 1

FILE DATE: 05/11/2007

FILE TIME: 21:08

X CENTROID: 0.117

Y CENTROID: -0.107

POA TO CENTROID: 0.159

HORZ SPREAD: 2.390

VERT SPREAD: 1.505

GROUP SPREAD: 2.800

MIN RADIUS: 0.181

MAX RADIUS: 1.643

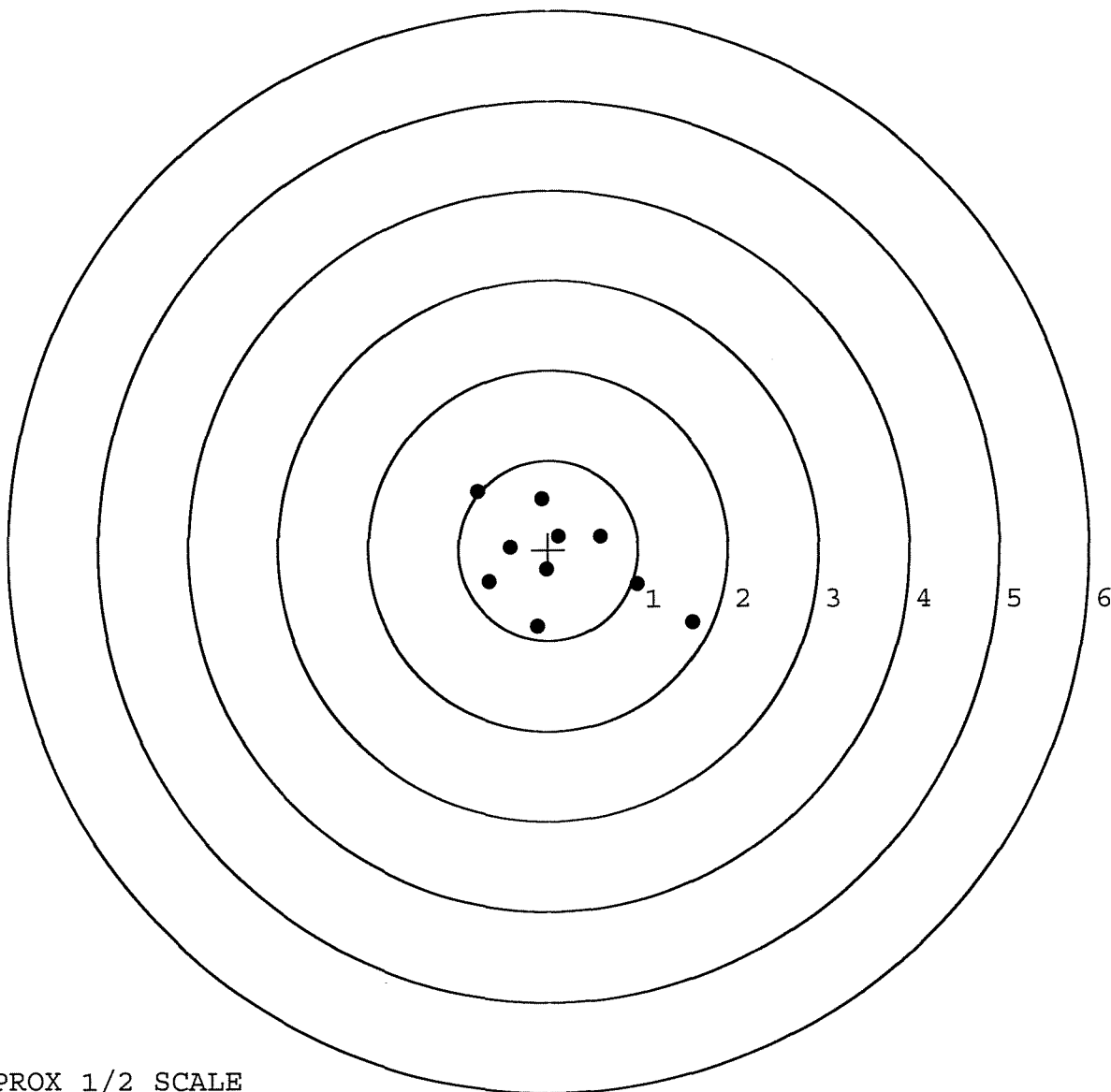
MEAN RADIUS: 0.759

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.787 | 0.652  |
| 2:     | -0.080 | 0.572  |
| 3:     | 0.109  | 0.151  |
| 4:     | -0.022 | -0.224 |
| 5:     | -0.666 | -0.358 |
| 6:     | -0.130 | -0.853 |
| 7:     | 0.577  | 0.153  |
| 8:     | 0.991  | -0.391 |
| 9:     | 1.603  | -0.807 |
| 10:    | -0.426 | 0.032  |

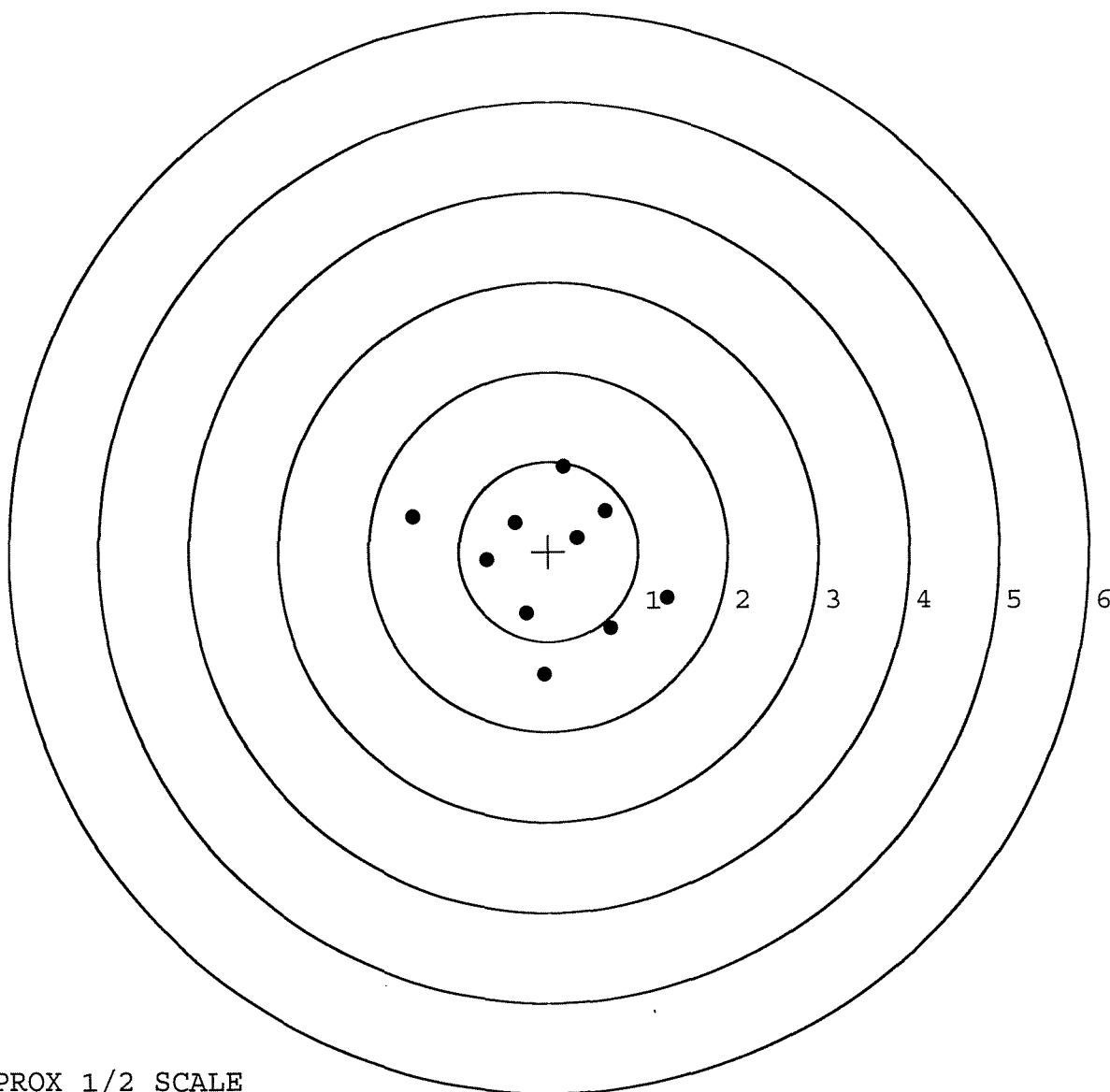


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637669. 0  
 TARGET NUMBER: 2  
 FILE DATE: 05/11/2007  
 FILE TIME: 21:08

X CENTROID: 0.025  
 Y CENTROID: -0.129  
 POA TO CENTROID: 0.132  
 HORZ SPREAD: 2.835  
 VERT SPREAD: 2.317  
 GROUP SPREAD: 2.982  
 MIN RADIUS: 0.399  
 MAX RADIUS: 1.624  
 MEAN RADIUS: 0.949  
 # IN 1 IN DIAMETER: 1  
 # IN 2 IN DIAMETER: 6  
 # in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.512 | 0.393  |
| 2:     | -0.690 | -0.097 |
| 3:     | -0.247 | -0.691 |
| 4:     | -0.052 | -1.372 |
| 5:     | 0.693  | -0.859 |
| 6:     | 1.323  | -0.533 |
| 7:     | 0.632  | 0.450  |
| 8:     | 0.314  | 0.147  |
| 9:     | -0.379 | 0.326  |
| 10:    | 0.171  | 0.945  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637669. \_\_ 0

TARGET NUMBER: 3

FILE DATE: 05/11/2007

FILE TIME: 21:08

X CENTROID: -0.074

Y CENTROID: 0.090

POA TO CENTROID: 0.117

HORZ SPREAD: 1.853

VERT SPREAD: 0.581

GROUP SPREAD: 1.886

MIN RADIUS: 0.301

MAX RADIUS: 1.044

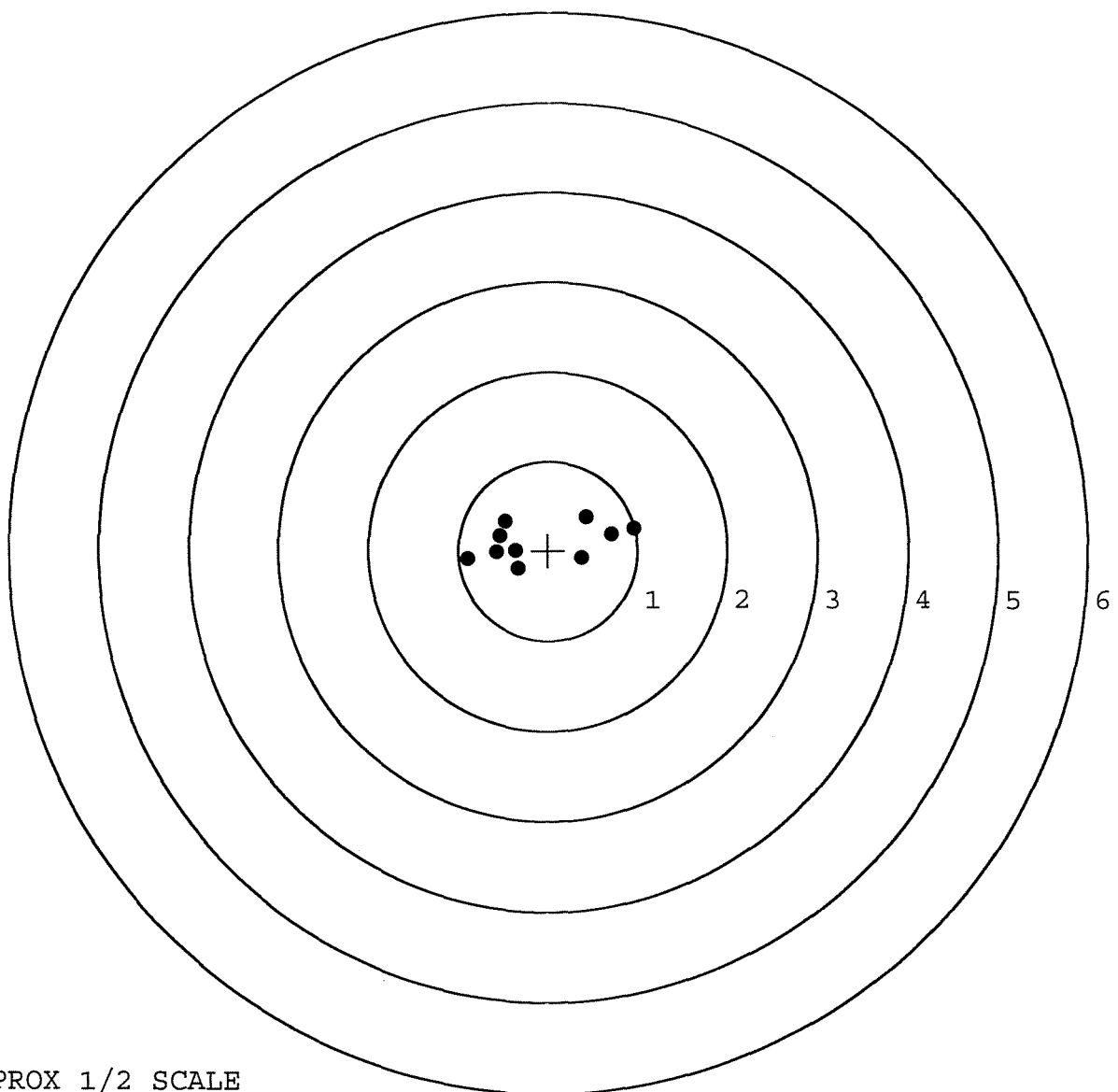
MEAN RADIUS: 0.589

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.423  | 0.375  |
| 2:     | 0.957  | 0.253  |
| 3:     | 0.700  | 0.181  |
| 4:     | 0.377  | -0.083 |
| 5:     | -0.483 | 0.332  |
| 6:     | -0.546 | 0.161  |
| 7:     | -0.363 | 0.004  |
| 8:     | -0.338 | -0.206 |
| 9:     | -0.575 | -0.020 |
| 10:    | -0.896 | -0.098 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637669. \_\_ 0

TARGET NUMBER: 4

FILE DATE: 05/11/2007

FILE TIME: 21:08

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.336 | 0.995  |
| 2:     | 0.460  | 0.982  |
| 3:     | -0.356 | 0.190  |
| 4:     | 0.316  | 0.161  |
| 5:     | 0.094  | -0.184 |
| 6:     | -0.226 | -0.171 |
| 7:     | -0.662 | -0.310 |
| 8:     | -0.062 | -0.585 |
| 9:     | -0.342 | -0.882 |
| 10:    | 1.912  | 0.338  |

X CENTROID: 0.080

Y CENTROID: 0.053

POA TO CENTROID: 0.096

HORZ SPREAD: 2.574

VERT SPREAD: 1.877

GROUP SPREAD: 2.654

MIN RADIUS: 0.238

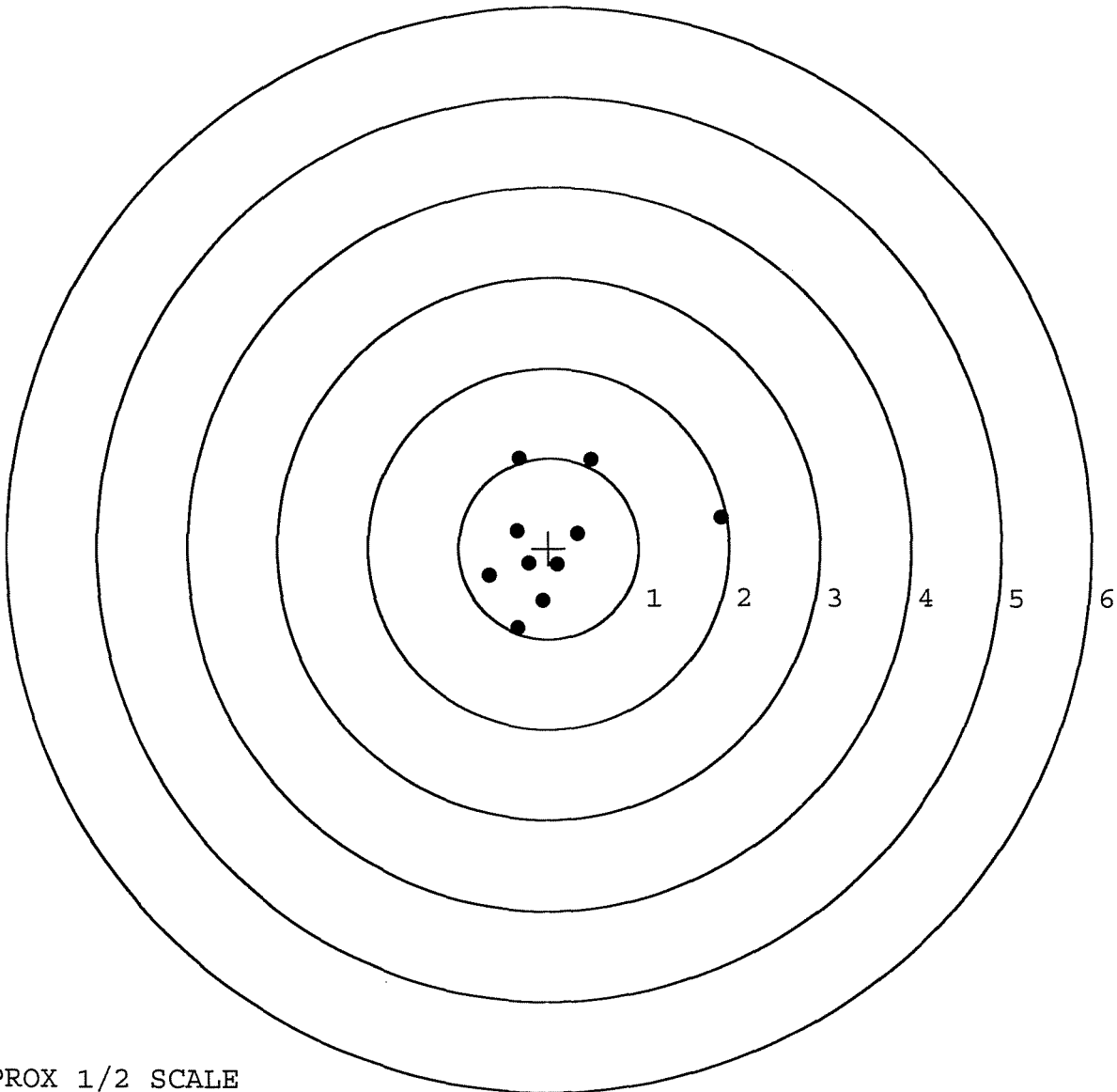
MAX RADIUS: 1.854

MEAN RADIUS: 0.773

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 9

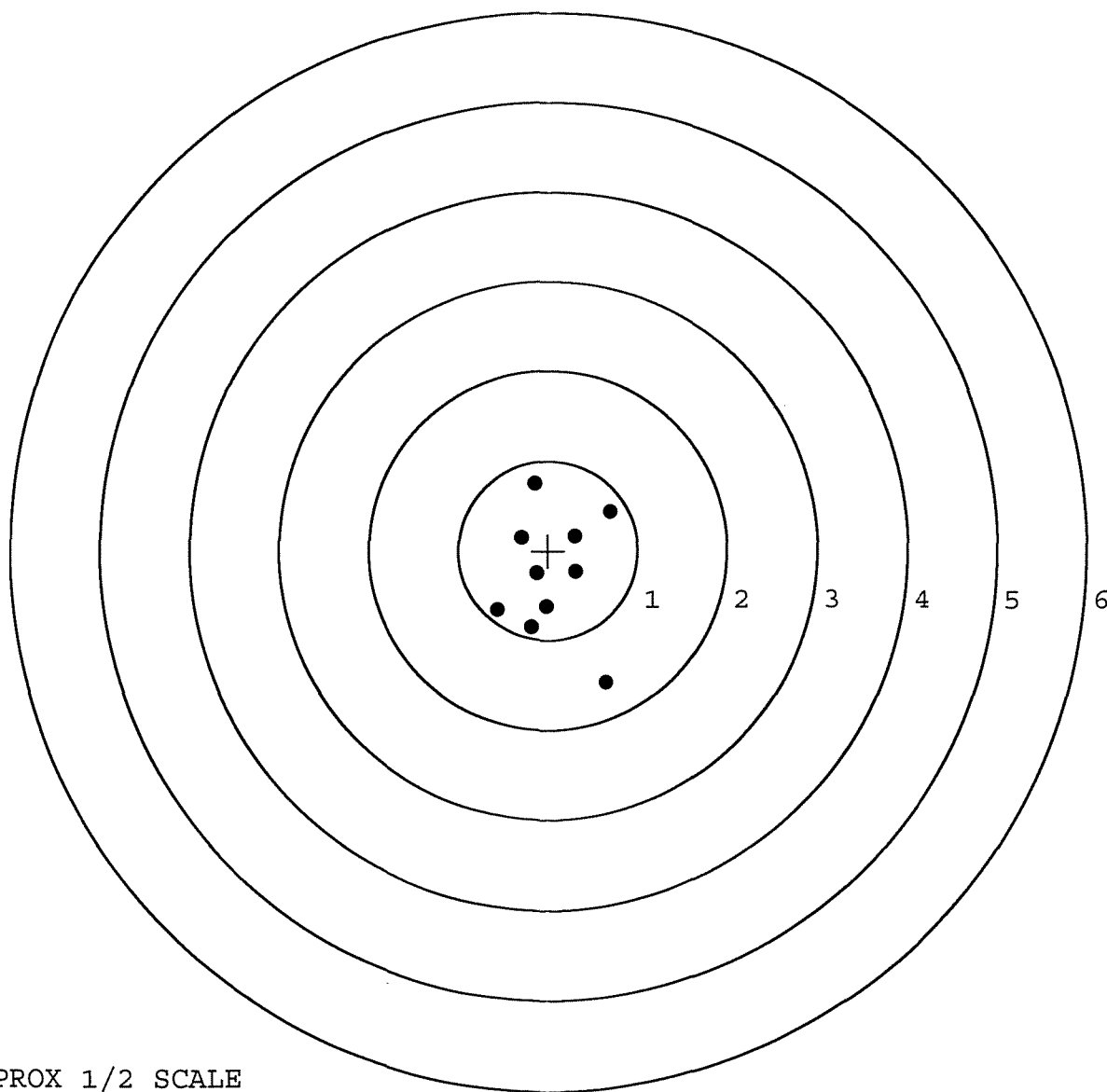


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637669. \_\_0  
 TARGET NUMBER: 5  
 FILE DATE: 05/11/2007  
 FILE TIME: 21:08

X CENTROID: 0.057  
 Y CENTROID: -0.263  
 POA TO CENTROID: 0.270  
 HORZ SPREAD: 1.262  
 VERT SPREAD: 2.230  
 GROUP SPREAD: 2.371  
 MIN RADIUS: 0.188  
 MAX RADIUS: 1.350  
 MEAN RADIUS: 0.657  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.159 | 0.751  |
| 2:     | 0.298  | 0.163  |
| 3:     | 0.693  | 0.436  |
| 4:     | 0.307  | -0.235 |
| 5:     | -0.131 | -0.259 |
| 6:     | -0.306 | 0.144  |
| 7:     | -0.569 | -0.667 |
| 8:     | -0.023 | -0.627 |
| 9:     | -0.189 | -0.862 |
| 10:    | 0.645  | -1.479 |



TARGET APPROX 1/2 SCALE