

G 663 7680

**ORDER 25732**

M/24 7.62 NATO (RIFLE ONLY)

**UPC**



**ORDER 25732**

M/24 7.62 NATO (RIFLE ONLY)

**UPC**



SERIAL NO.



M/24 7.62 NATO (RIFLE ONLY)  
BOLT ACTION CENTERFIRE RIFLE  
24" BARREL 7.62 NATO

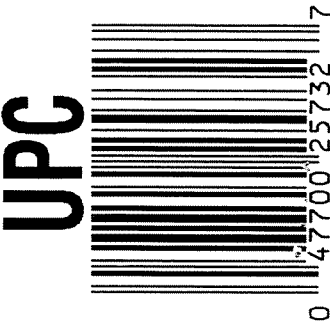
- INSTRUCTION BOOK 3518

DD FORM 200348



|               |       |
|---------------|-------|
| ORDER NO.     | 25732 |
| BARREL LENGTH | 24"   |
| CAPACITY      | 5     |

G6637680



## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6637680

| OP #         | OPERATION NAME                                                                                                                         | READINGS             | DATE    | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------|---------|
| 410          | SERIALIZE BOLT HANDLE                                                                                                                  |                      | 5-1-07  | RTZ     |
| 420          | ASSEMBLE ACTION                                                                                                                        |                      | 4-30-07 | S.P.D.  |
| 430          | ASSEMBLE TO STOCK                                                                                                                      |                      | 5-1-07  | FM      |
| 440          | PROOF                                                                                                                                  | MAGNA - FLUX         | 5-1-07  | TRW     |
| 460          | CHECK HEADSPACE                                                                                                                        | JUN - 3 2008         | 5-1-07  | TRW     |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    |                      | 5-2-07  | RTZ     |
| 480          | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR <u>unus</u> | 5/3/07  | unus    |
| 490          | MAGNAFLUX BOLT                                                                                                                         |                      |         |         |
| 500          | ROLLMARK CALIBER                                                                                                                       |                      | 5-3-07  | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                      | 5-2-07  | SD      |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                      | 5-4-07  | LB      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                      |         |         |
|              | (BOLT)                                                                                                                                 |                      | 5/5/07  | un      |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                      |         |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                      | 5-10-07 | S.P.D.  |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                      | 5-10-07 | S.P.D.  |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                      | 5-10-07 | S.P.D.  |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                      | 5-10-07 | S.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> |                      | 5/18/07 | un      |

F004 REV 5/2006

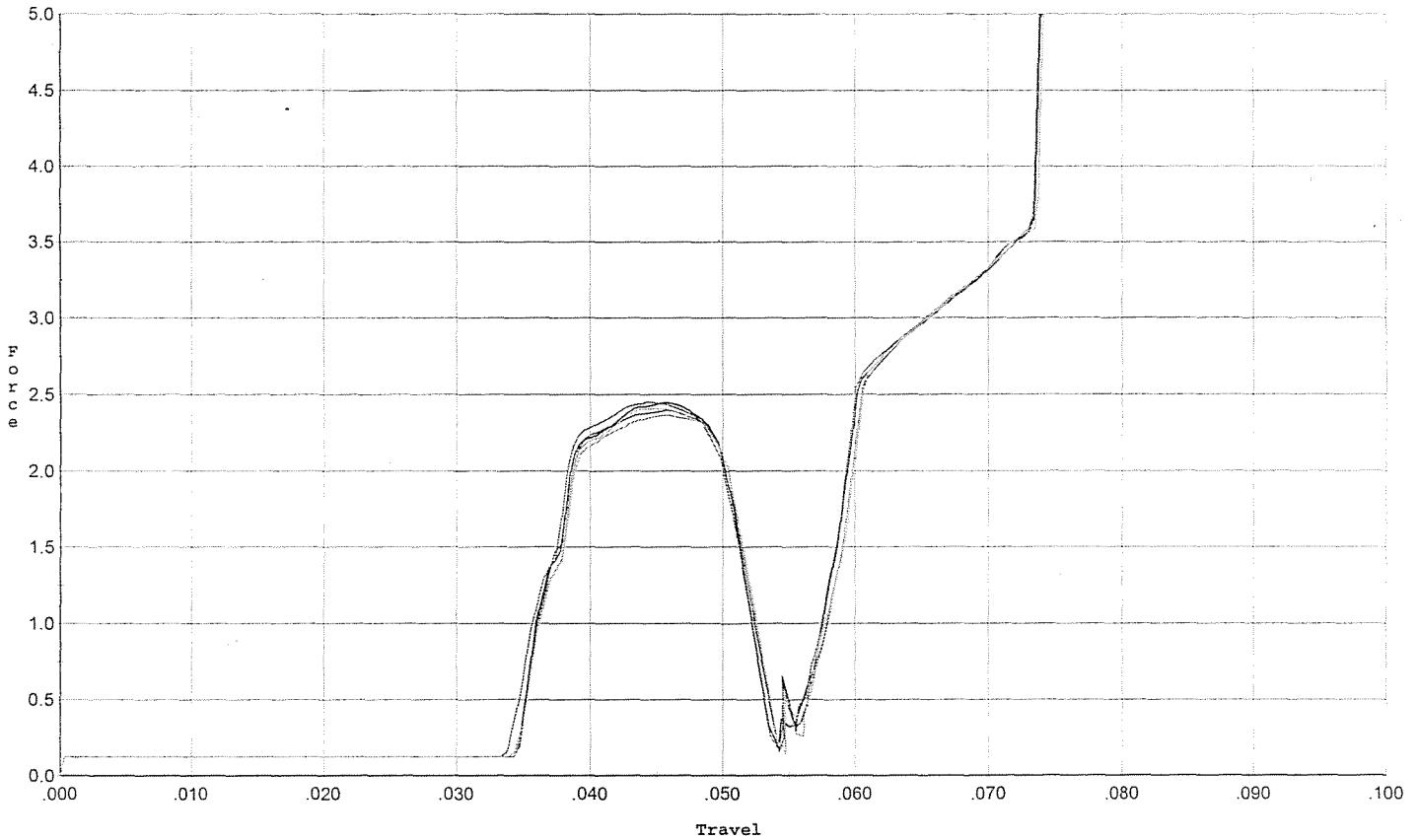
|              |                                                                       |                                           |              |             |             |             |             |         |     |
|--------------|-----------------------------------------------------------------------|-------------------------------------------|--------------|-------------|-------------|-------------|-------------|---------|-----|
| 560          | F) SAFETY ON FORCE                                                    | 2 LBS MIN<br>10 LBS MAX                   | <u>6.75</u>  | <u>6.25</u> | <u>6.25</u> | 5-17-07     | TRW         |         |     |
| CONT.        |                                                                       |                                           |              |             |             |             |             |         |     |
|              | G) SAFETY OFF FORCE                                                   | 2 LBS MIN                                 | <u>2.5</u>   | <u>2.5</u>  | <u>2.75</u> | 5-17-07     | TRW         |         |     |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                             |                                           |              |             |             | 5/18/07     | mm          |         |     |
|              | I) FIRING PIN INDENT                                                  | .020 MIN                                  | <u>.0245</u> | <u>.025</u> | <u>.024</u> | 5-17-07     | TRW         |         |     |
|              | J) ASSEMBLE STOCK                                                     |                                           |              |             |             | 5-10-07     | L.P.D.      |         |     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                           |                                           |              |             |             | 5/18/07     | mm          |         |     |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                              |                                           |              |             |             |             |             |         |     |
|              | M) IRON SIGHT<br>ALIGNMENT                                            |                                           |              |             |             |             |             |         |     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER |                                           |              |             |             |             |             |         |     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                           |                                           | <u>PASS</u>  | FAIL        |             |             |             |         |     |
|              |                                                                       |                                           | <u>PASS</u>  | FAIL        |             | 5/16/07     | mm          |         |     |
|              | MALFUNCTION                                                           |                                           |              |             |             |             |             |         |     |
|              | MALFUNCTION                                                           |                                           |              |             |             |             |             |         |     |
|              | MALFUNCTION                                                           |                                           |              |             |             |             |             |         |     |
|              | MALFUNCTION                                                           |                                           |              |             |             |             |             |         |     |
| 660          | INSPECT FOR LIVE AMMO                                                 |                                           |              |             |             | 5-16-07     | SD          |         |     |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                      |                                           |              |             |             | 5/18/07     | mm          |         |     |
|              | B) TRIGGER PULL                                                       | +/- .5 LBS<br>MIN 2.50 LBS<br>MAX 4.0 LBS | <u>2.41</u>  | <u>2.48</u> | <u>2.52</u> | <u>2.58</u> | <u>2.33</u> | 5-17-07 | TRW |
|              | C) FUNCTION                                                           |                                           |              |             |             | 5/18/07     | mm          |         |     |
| 690          | PACK                                                                  |                                           |              |             |             | 5-21-07     | DA          |         |     |

F004 REV 5/2006

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 5/07/07

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



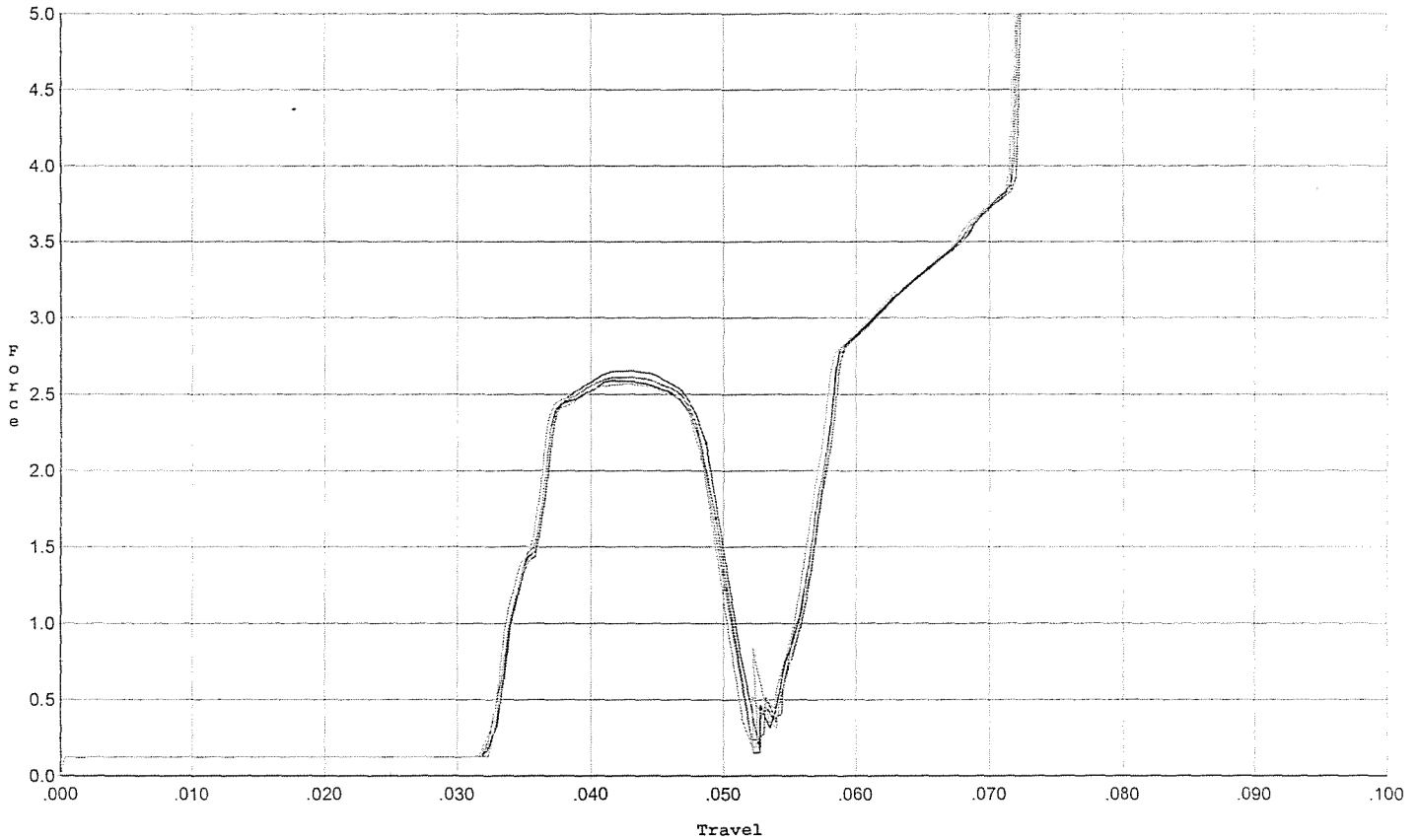
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.401      | 0.050             | 0.035           | 0.030      | 0.037             |           | Set Trigger |
| 2 | 2.447      | 0.051             | 0.035           | 0.030      | 0.038             |           | Set Trigger |
| 3 | 2.451      | 0.051             | 0.034           | 0.030      | 0.039             |           | Set Trigger |
| 4 | 2.409      | 0.052             | 0.035           | 0.030      | 0.039             |           | Set Trigger |
| 5 | 2.366      | 0.052             | 0.035           | 0.030      | 0.038             |           | Set Trigger |

Avg 2.41

# Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 5/07/07

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



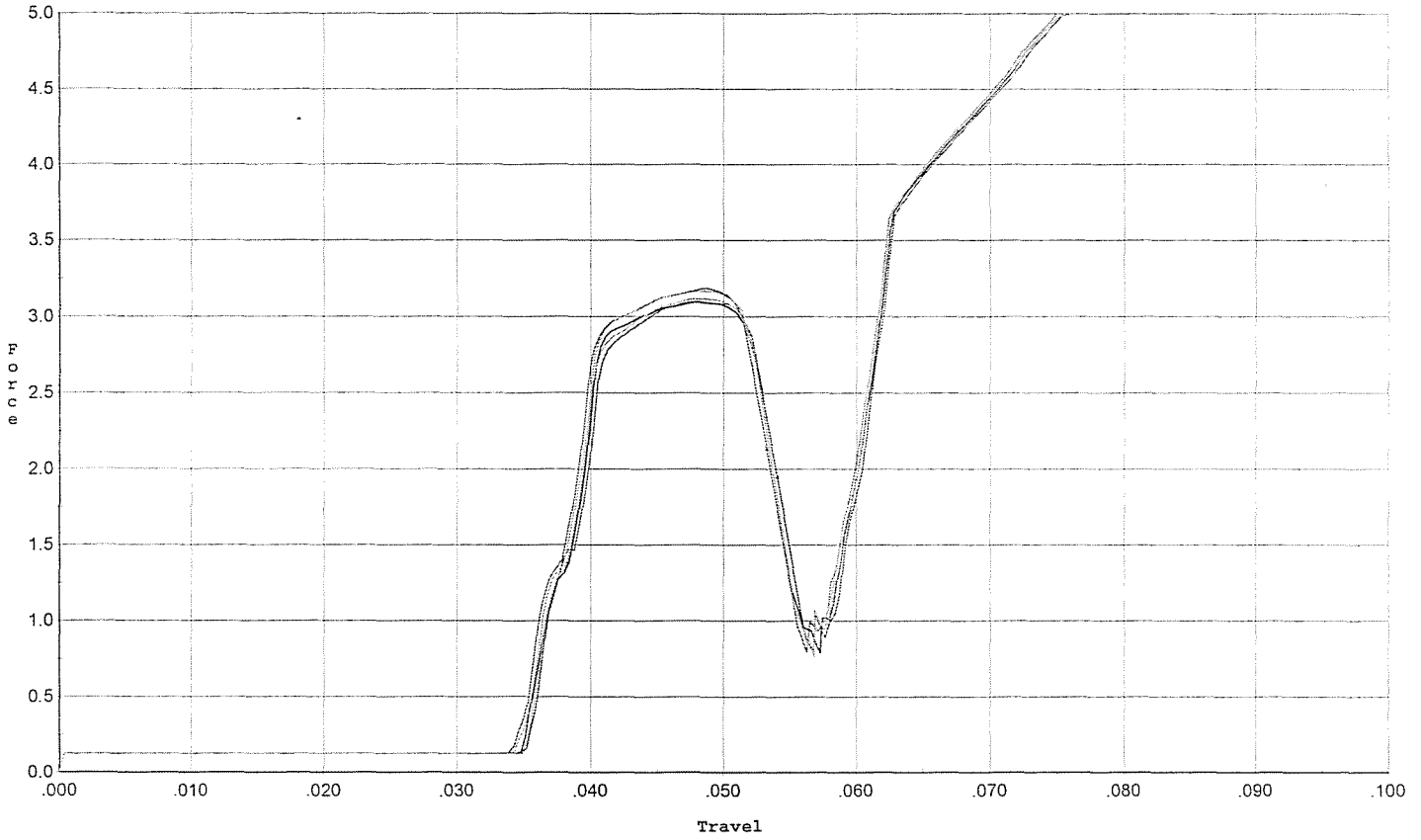
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.653      | 0.049             | 0.032           | 0.030      | 0.041             |           | Set Trigger |
| 2 | 2.592      | 0.050             | 0.033           | 0.030      | 0.041             |           | Set Trigger |
| 3 | 2.613      | 0.049             | 0.033           | 0.030      | 0.041             |           | Set Trigger |
| 4 | 2.569      | 0.048             | 0.032           | 0.030      | 0.039             |           | Set Trigger |
| 5 | 2.610      | 0.048             | 0.032           | 0.030      | 0.040             |           | Set Trigger |

Aug 2.60

# Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 5/07/07

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 | 3.099      | 0.054             | 0.036           | 0.028      | 0.051             |           | Set Trigger |
| 2 | 3.094      | 0.052             | 0.035           | 0.029      | 0.050             |           | Set Trigger |
| 3 | 3.188      | 0.053             | 0.035           | 0.028      | 0.052             |           | Set Trigger |
| 4 | 3.169      | 0.052             | 0.035           | 0.029      | 0.051             |           | Set Trigger |
| 5 | 3.118      | 0.052             | 0.035           | 0.029      | 0.050             |           | Set Trigger |

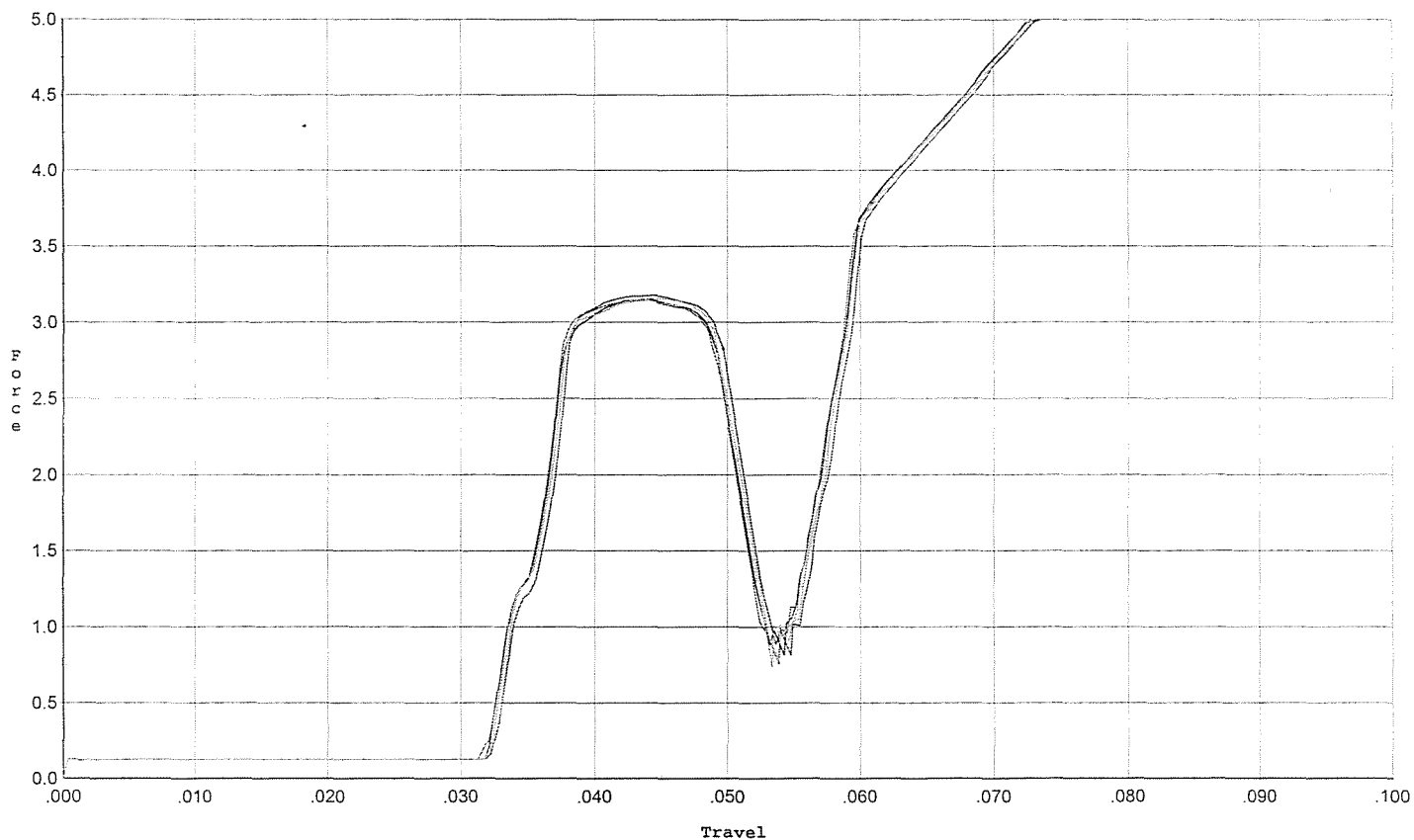
Aug 3.13



# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 5/07/07

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



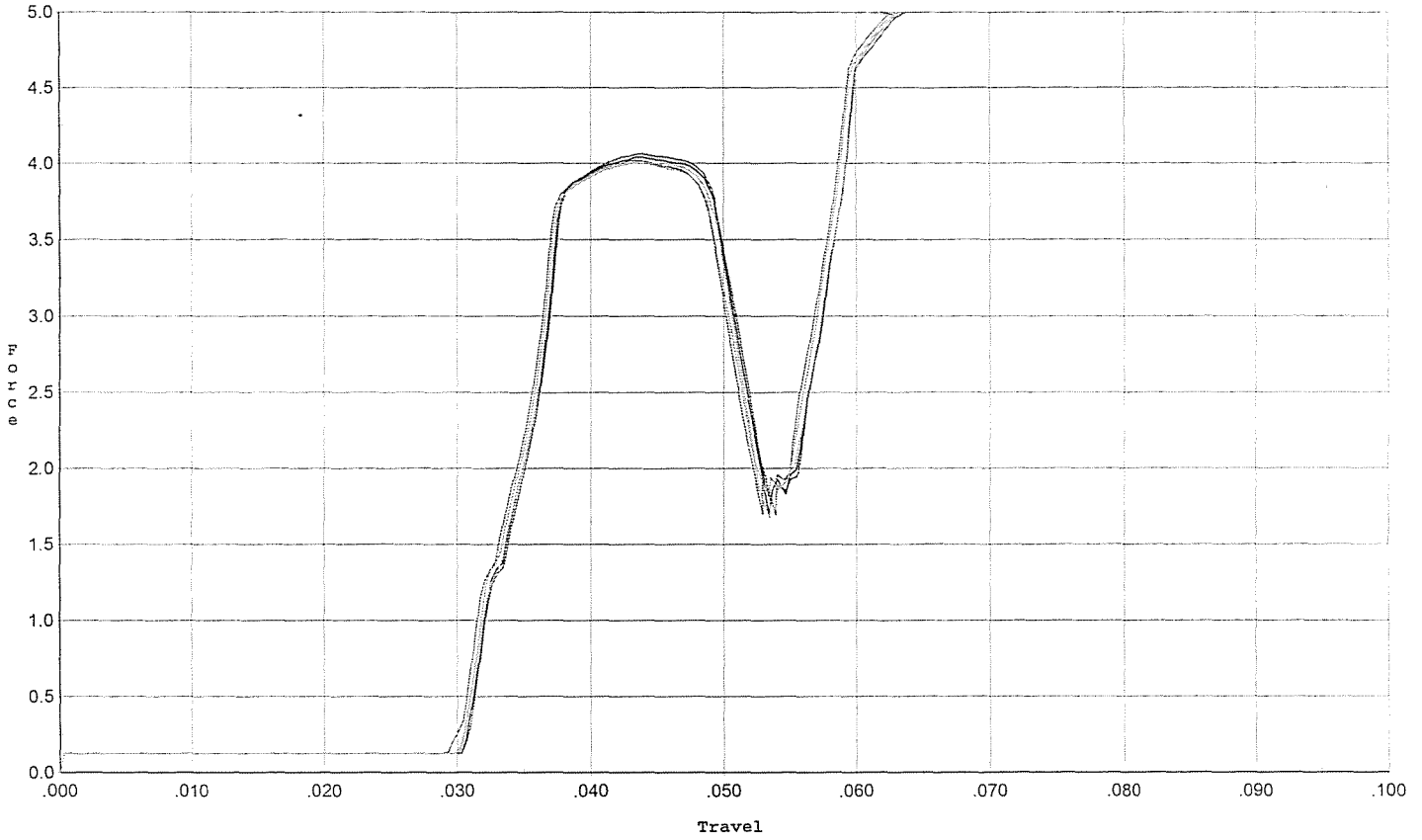
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.178      | 0.050             | 0.033           | 0.029      | 0.050             |           | Set Trigger |
| 2 | 3.150      | 0.049             | 0.032           | 0.029      | 0.050             |           | Set Trigger |
| 3 | 3.140      | 0.049             | 0.032           | 0.029      | 0.050             |           | Set Trigger |
| 4 | 3.140      | 0.049             | 0.032           | 0.029      | 0.049             |           | Set Trigger |
| 5 | 3.158      | 0.051             | 0.032           | 0.029      | 0.051             |           | Set Trigger |

Avg 3.15

# Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 5/07/07

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



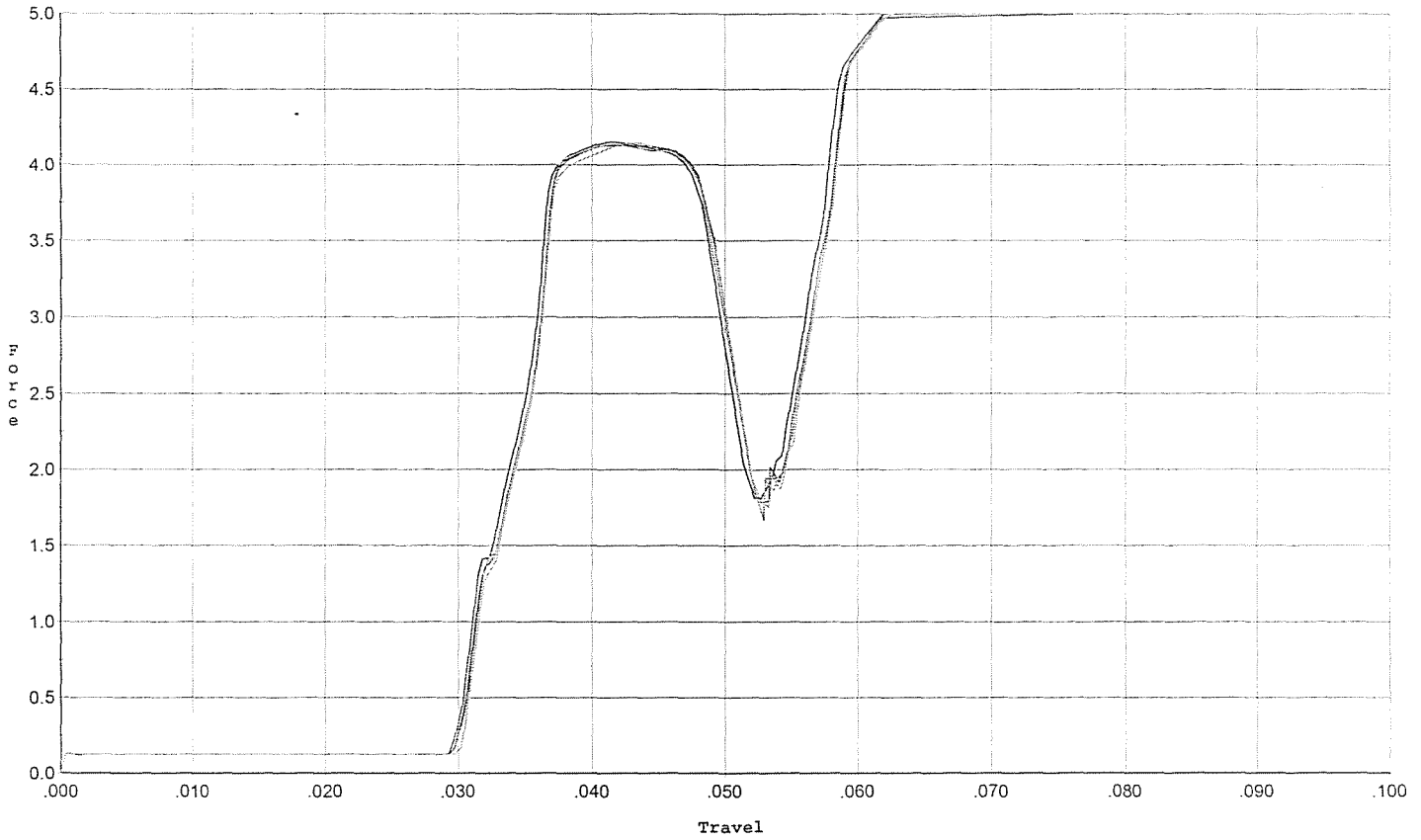
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.065      | 0.051             | 0.031           | 0.027      | 0.069             |           | Set Trigger |
| 2 | 4.042      | 0.049             | 0.031           | 0.027      | 0.066             |           | Set Trigger |
| 3 | 4.020      | 0.049             | 0.030           | 0.027      | 0.066             |           | Set Trigger |
| 4 | 4.012      | 0.049             | 0.031           | 0.027      | 0.067             |           | Set Trigger |
| 5 | 4.003      | 0.051             | 0.031           | 0.027      | 0.068             |           | Set Trigger |

Aug 4.02

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 5/07/07

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



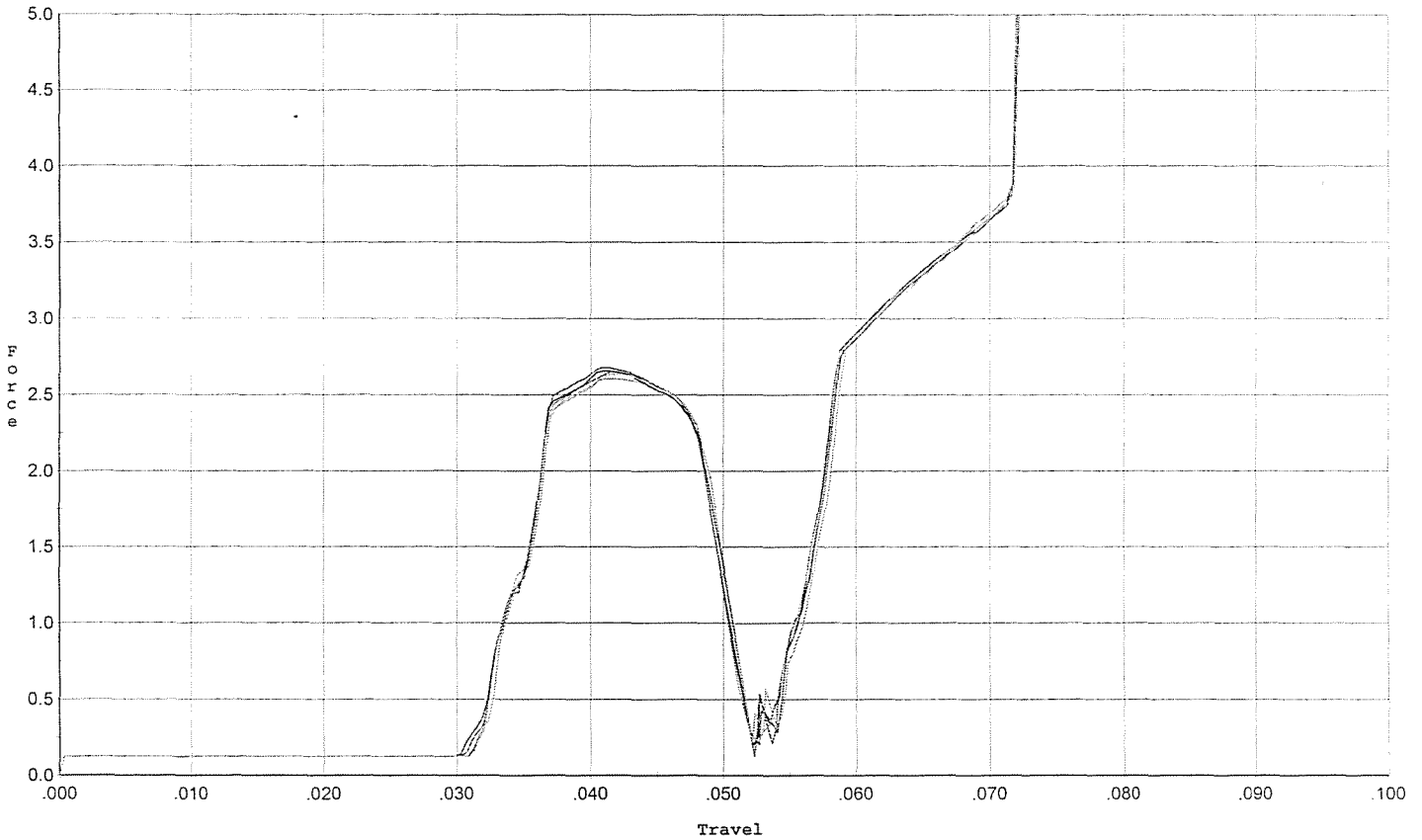
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.151      | 0.049             | 0.030           | 0.026      | 0.068             |           | Set Trigger |
| 2 | 4.129      | 0.048             | 0.030           | 0.026      | 0.067             |           | Set Trigger |
| 3 | 4.135      | 0.050             | 0.030           | 0.026      | 0.069             |           | Set Trigger |
| 4 | 4.135      | 0.050             | 0.030           | 0.026      | 0.069             |           | Set Trigger |
| 5 | 4.147      | 0.049             | 0.031           | 0.027      | 0.068             |           | Set Trigger |

Aug 4.13

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 5/07/07

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



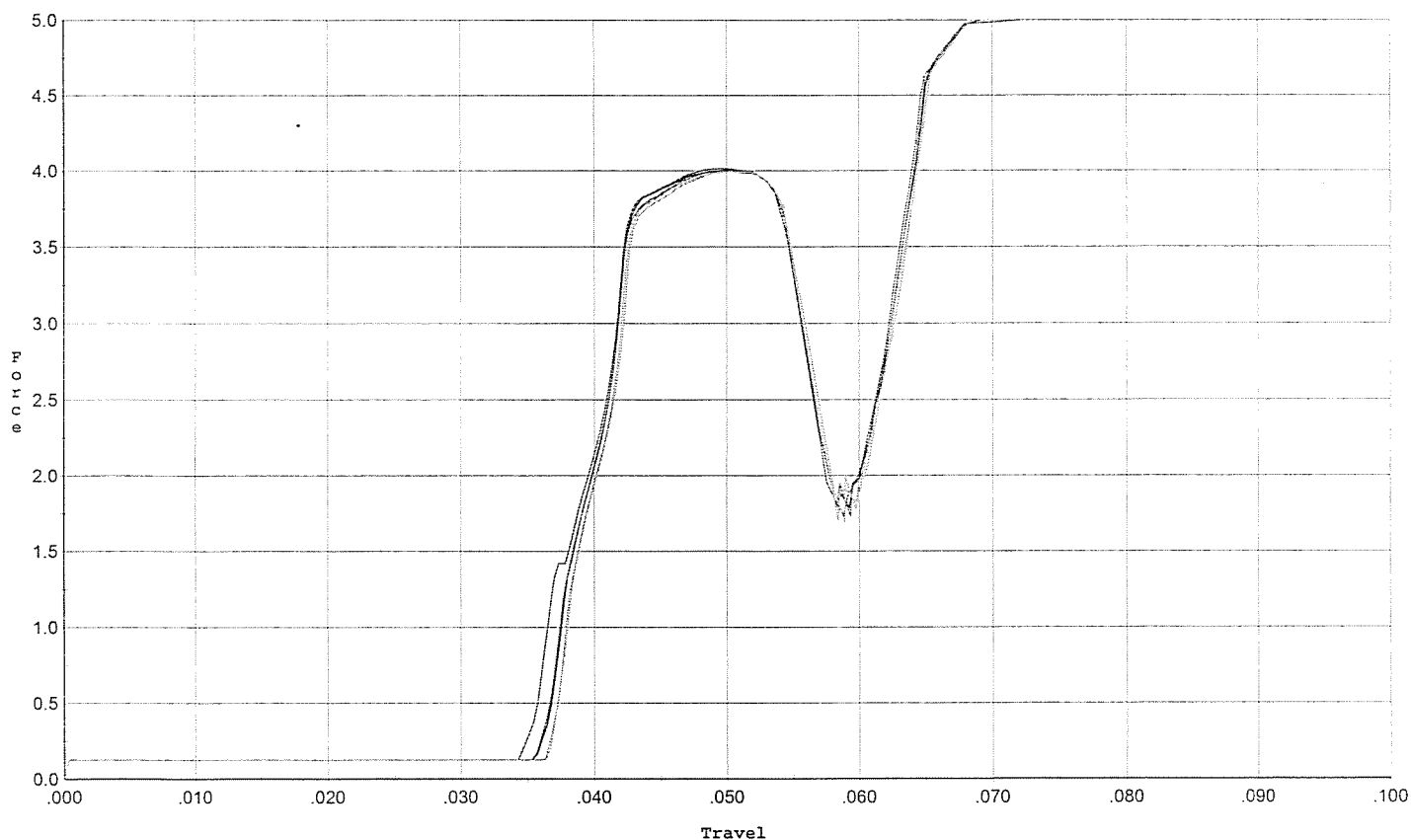
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.679      | 0.050             | 0.031           | 0.030      | 0.042             |           | Set Trigger |
| 2 | 2.657      | 0.048             | 0.031           | 0.030      | 0.041             |           | Set Trigger |
| 3 | 2.654      | 0.048             | 0.032           | 0.030      | 0.040             |           | Set Trigger |
| 4 | 2.636      | 0.049             | 0.032           | 0.030      | 0.041             |           | Set Trigger |
| 5 | 2.603      | 0.048             | 0.032           | 0.030      | 0.040             |           | Set Trigger |

Aug 2.64

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putsch 5/07/07

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 | 4.015      | 0.055             | 0.035           | 0.027      | 0.069             |           | Set Trigger |
| 2 | 4.003      | 0.054             | 0.036           | 0.027      | 0.067             |           | Set Trigger |
| 3 | 4.007      | 0.054             | 0.036           | 0.027      | 0.067             |           | Set Trigger |
| 4 | 3.993      | 0.056             | 0.037           | 0.027      | 0.068             |           | Set Trigger |
| 5 | 3.999      | 0.054             | 0.037           | 0.027      | 0.066             |           | Set Trigger |

Avg 4.00

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637680.\_\_0

FILE DATE AND TIME: 05/17/2007 01:25

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.232  |
| The Average Y Centroid of the Five Target Set:              | -0.402 |
| The Average Point of Impact of the Five Target Set:         | 0.464  |
| The Average Mean Radius of the Five Target Set:             | 0.926  |
| The Distance from POA to Centroid Target #1:                | 0.050  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.460  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 1.429  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.818  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.358  |

SERIAL NUMBER: G6637680. \_\_0

TARGET NUMBER: 1

FILE DATE: 05/17/2007

FILE TIME: 01:25

X CENTROID: -0.014

Y CENTROID: -0.048

POA TO CENTROID: 0.050

HORZ SPREAD: 1.488

VERT SPREAD: 2.055

GROUP SPREAD: 2.279

MIN RADIUS: 0.220

MAX RADIUS: 1.226

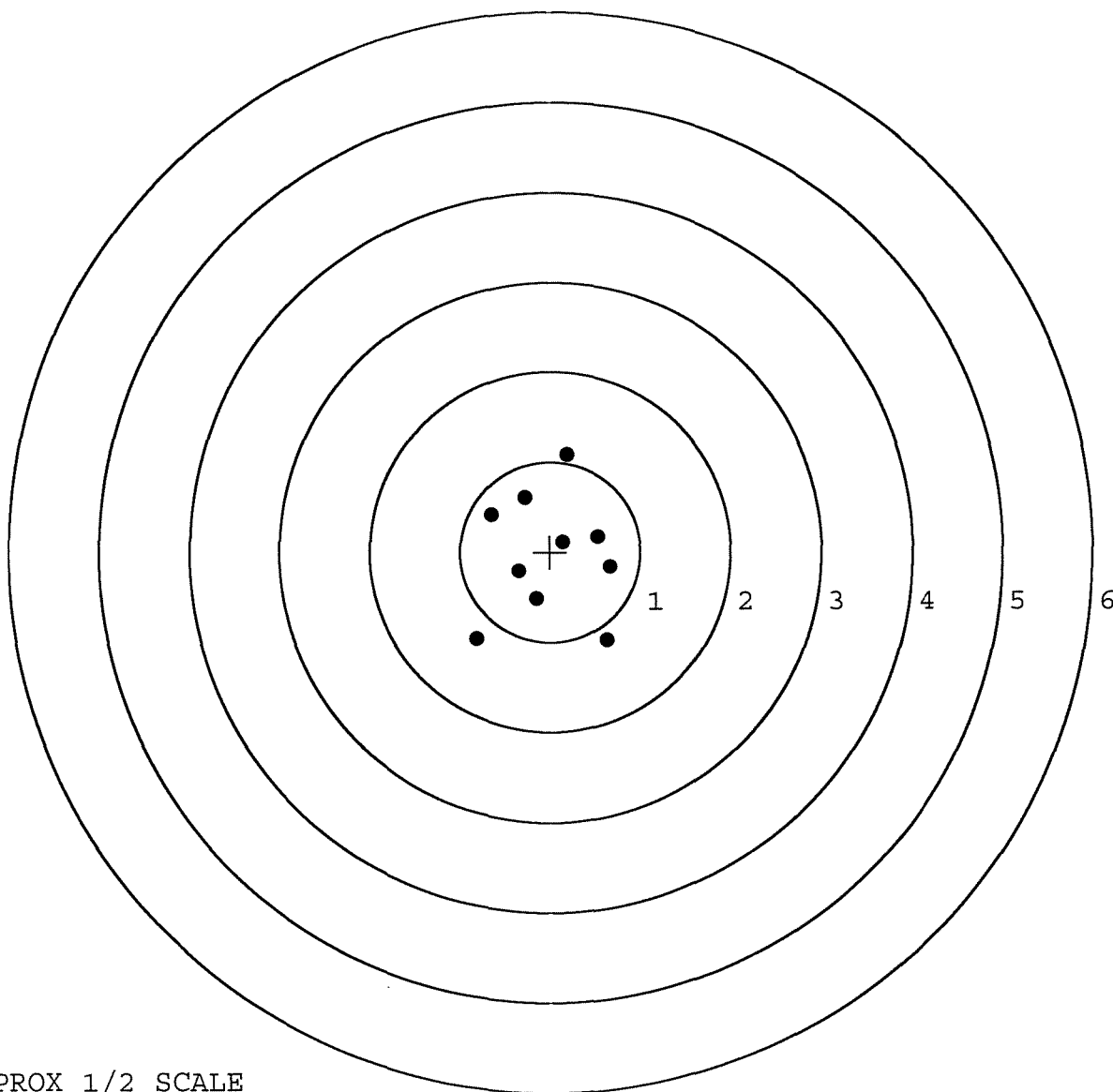
MEAN RADIUS: 0.736

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.188  | 1.074  |
| 2:     | -0.285 | 0.606  |
| 3:     | -0.656 | 0.417  |
| 4:     | -0.353 | -0.215 |
| 5:     | 0.138  | 0.111  |
| 6:     | -0.156 | -0.525 |
| 7:     | 0.521  | 0.170  |
| 8:     | 0.665  | -0.169 |
| 9:     | 0.623  | -0.981 |
| 10:    | -0.823 | -0.969 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637680. \_\_0

TARGET NUMBER: 2

FILE DATE: 05/17/2007

FILE TIME: 01:25

X CENTROID: 0.148

Y CENTROID: -0.479

POA TO CENTROID: 0.501

HORZ SPREAD: 2.154

VERT SPREAD: 1.418

GROUP SPREAD: 2.398

MIN RADIUS: 0.322

MAX RADIUS: 1.395

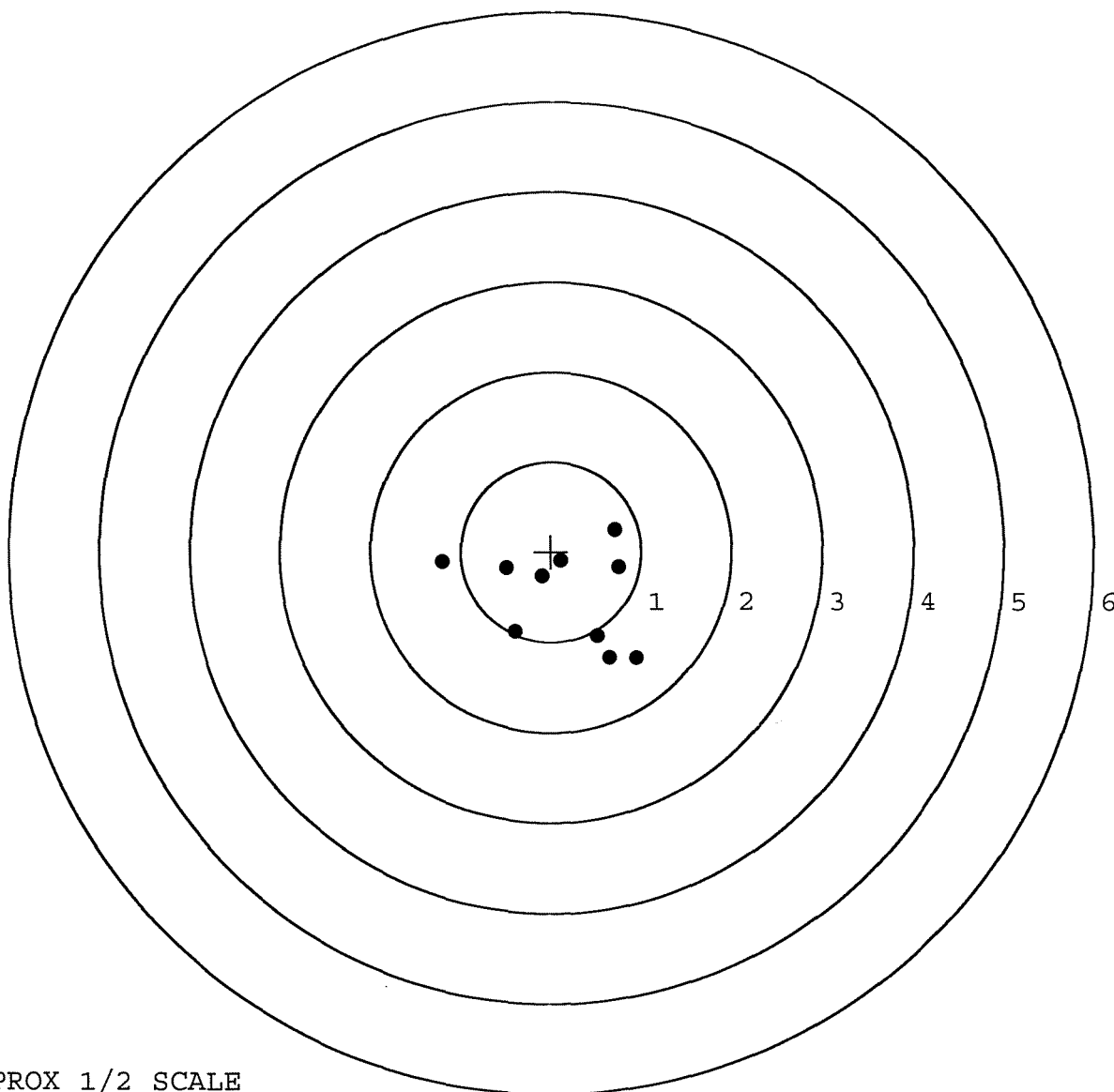
MEAN RADIUS: 0.758

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.494 | -0.182 |
| 2:     | -0.105 | -0.280 |
| 3:     | 0.107  | -0.101 |
| 4:     | 0.704  | 0.242  |
| 5:     | 0.747  | -0.174 |
| 6:     | 0.515  | -0.934 |
| 7:     | 0.649  | -1.176 |
| 8:     | 0.953  | -1.174 |
| 9:     | -0.398 | -0.888 |
| 10:    | -1.201 | -0.121 |



TARGET APPROX 1/2 SCALE



SERIAL NUMBER: G6637680. \_\_0

TARGET NUMBER: 3

FILE DATE: 05/17/2007

FILE TIME: 01:25

X CENTROID: 0.394

Y CENTROID: -1.418

POA TO CENTROID: 1.472

HORZ SPREAD: 1.961

VERT SPREAD: 6.746

GROUP SPREAD: 6.748

MIN RADIUS: 0.416

MAX RADIUS: 4.517

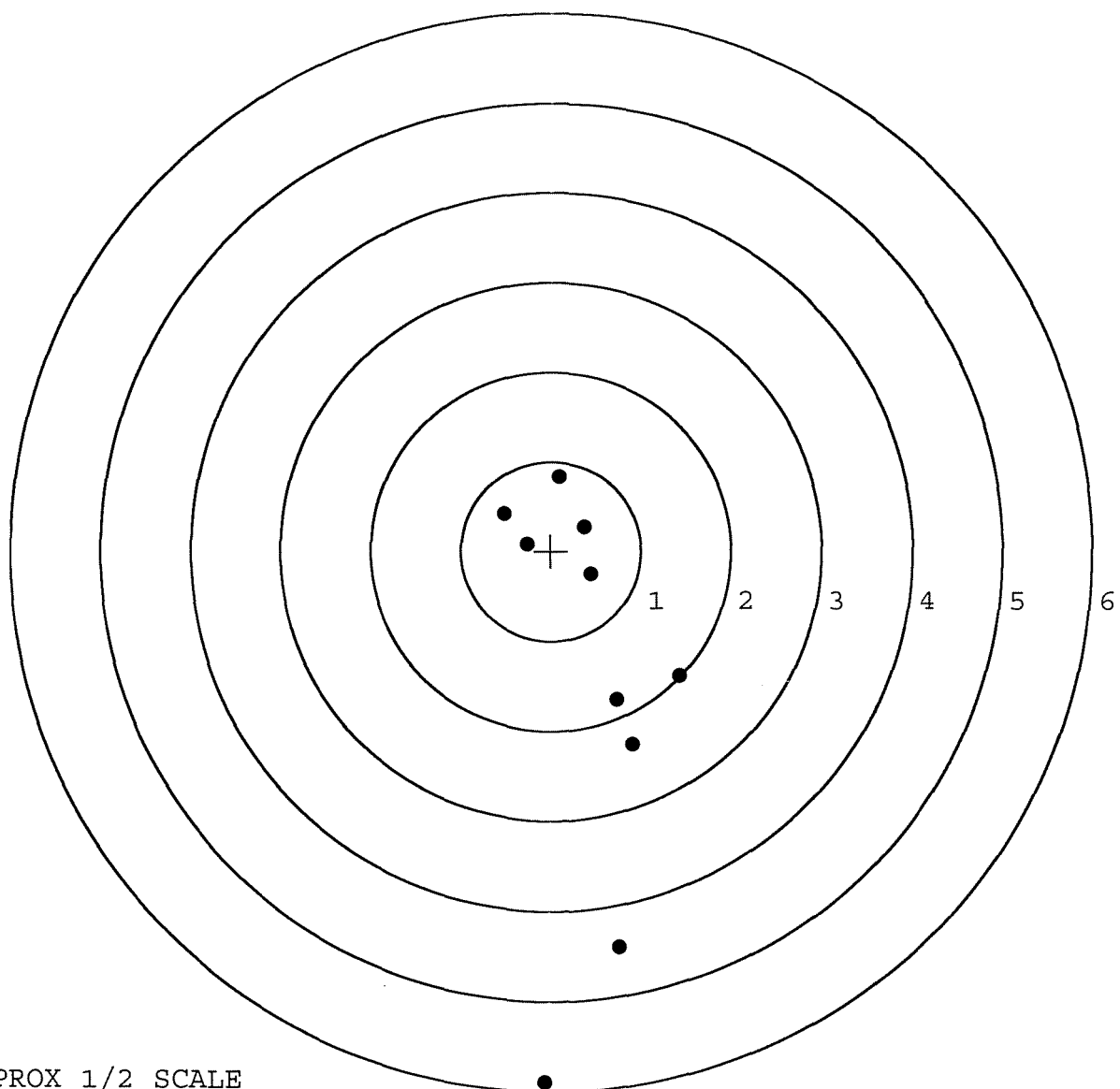
MEAN RADIUS: 1.868

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 2

# in 3 IN DIAMETER: 4

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.523 | 0.411  |
| 2:     | -0.264 | 0.080  |
| 3:     | 0.093  | 0.833  |
| 4:     | 0.371  | 0.271  |
| 5:     | 0.446  | -0.263 |
| 6:     | 1.438  | -1.390 |
| 7:     | 0.734  | -1.658 |
| 8:     | 0.914  | -2.147 |
| 9:     | 0.780  | -4.405 |
| 10:    | -0.052 | -5.913 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637680. \_\_0

TARGET NUMBER: 4

FILE DATE: 05/17/2007

FILE TIME: 01:25

X CENTROID: 0.742

Y CENTROID: -0.360

POA TO CENTROID: 0.825

HORZ SPREAD: 1.117

VERT SPREAD: 1.142

GROUP SPREAD: 1.295

MIN RADIUS: 0.286

MAX RADIUS: 0.705

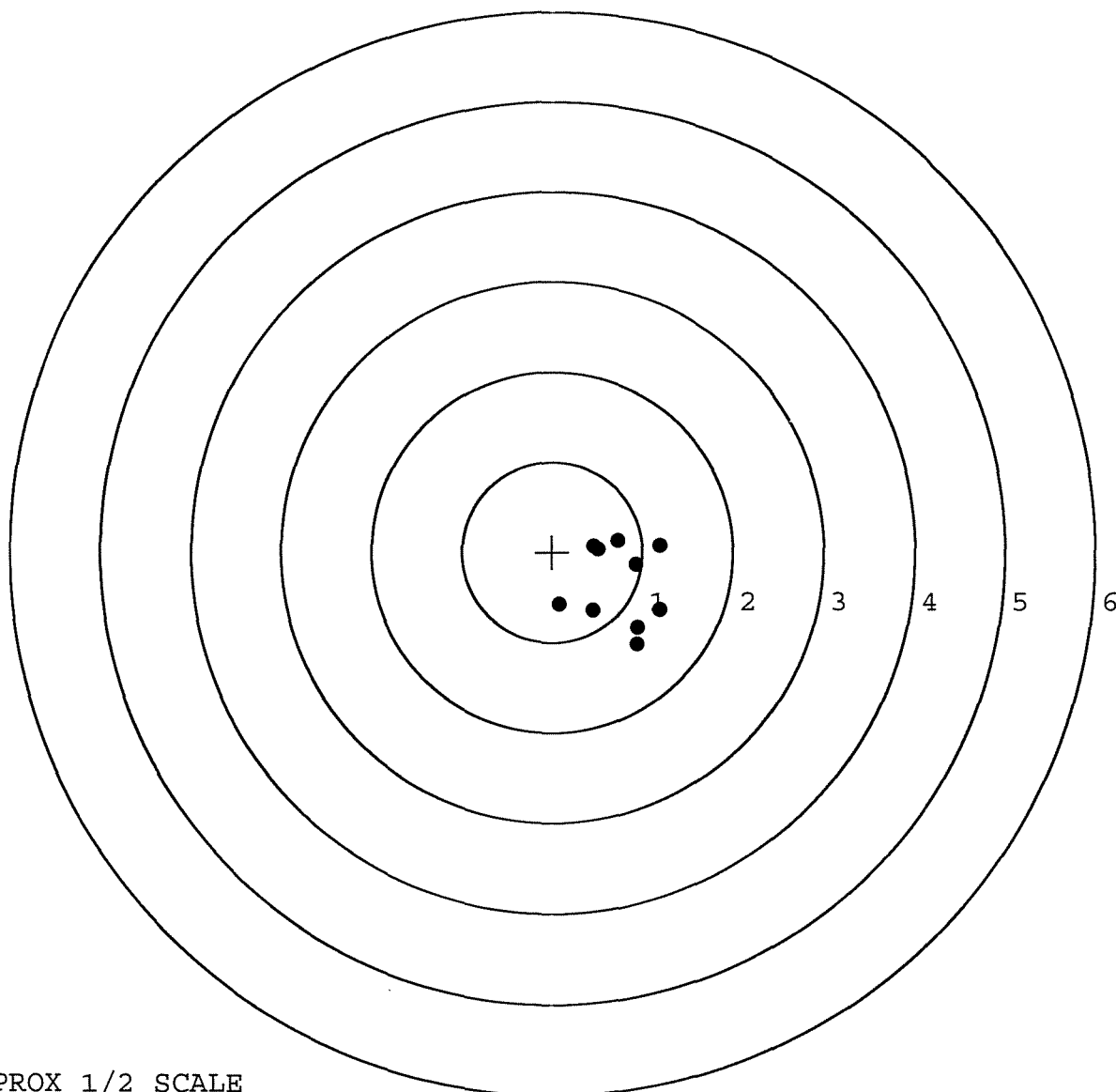
MEAN RADIUS: 0.521

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10

| POINT# | X     | Y      |
|--------|-------|--------|
| 1:     | 0.508 | 0.029  |
| 2:     | 0.927 | -0.142 |
| 3:     | 0.947 | -0.837 |
| 4:     | 0.452 | -0.652 |
| 5:     | 0.074 | -0.586 |
| 6:     | 0.462 | 0.064  |
| 7:     | 0.726 | 0.120  |
| 8:     | 1.191 | 0.070  |
| 9:     | 0.943 | -1.022 |
| 10:    | 1.191 | -0.644 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637680. \_\_0

TARGET NUMBER: 5

FILE DATE: 05/17/2007

FILE TIME: 01:25

X CENTROID: -0.110

Y CENTROID: 0.296

POA TO CENTROID: 0.316

HORZ SPREAD: 1.966

VERT SPREAD: 2.427

GROUP SPREAD: 2.471

MIN RADIUS: 0.121

MAX RADIUS: 1.462

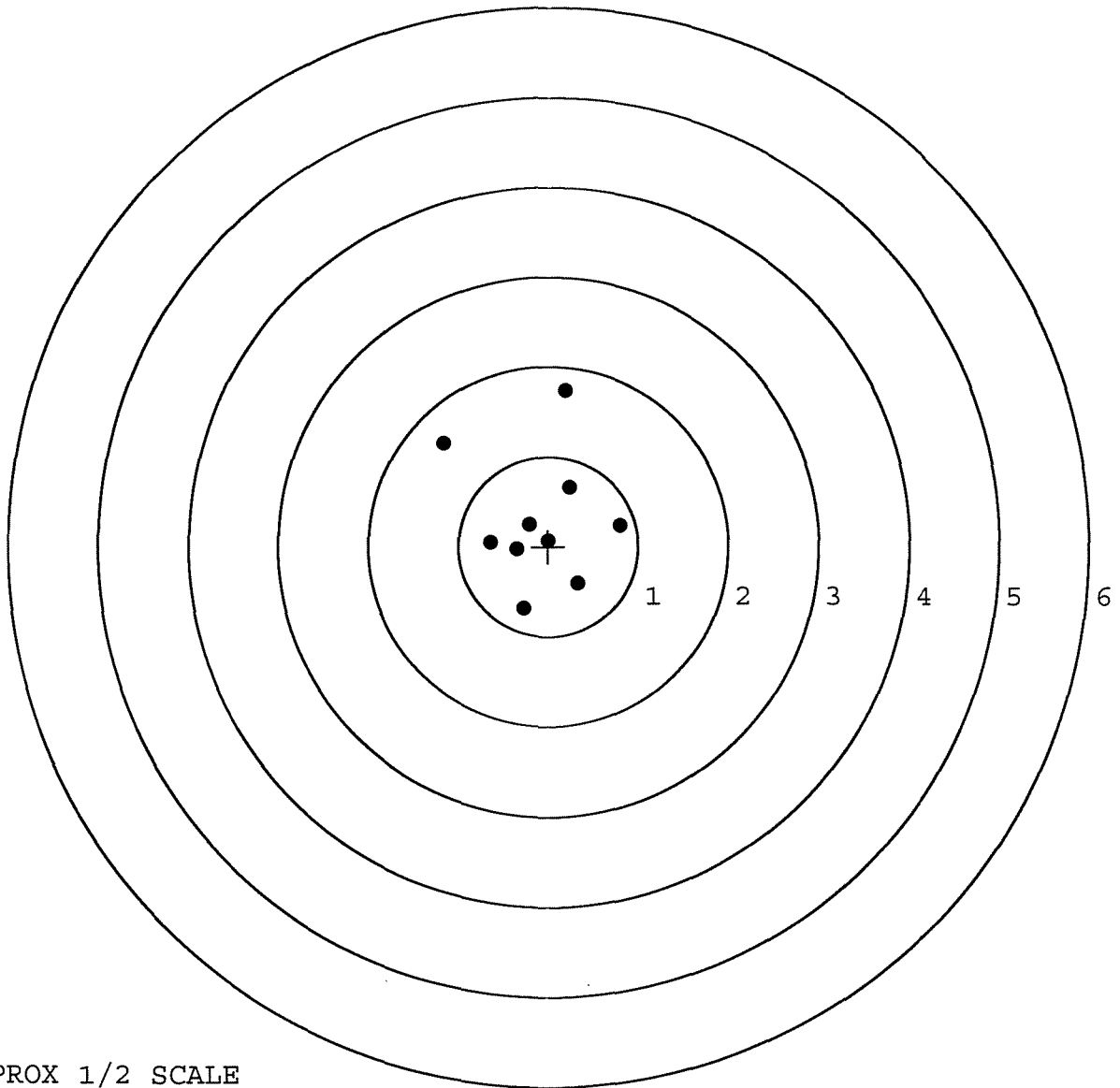
MEAN RADIUS: 0.745

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.237  | 0.654  |
| 2:     | 0.188  | 1.728  |
| 3:     | -1.169 | 1.143  |
| 4:     | -0.641 | 0.046  |
| 5:     | 0.000  | 0.061  |
| 6:     | 0.332  | -0.417 |
| 7:     | -0.276 | -0.699 |
| 8:     | -0.352 | -0.034 |
| 9:     | -0.220 | 0.244  |
| 10:    | 0.797  | 0.237  |



TARGET APPROX 1/2 SCALE