

G662 3513

**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



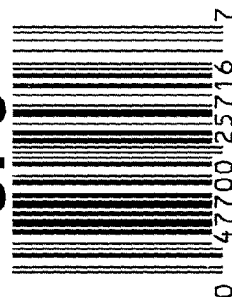
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

**G6623513**

**UPC**



**ORDER — 25716**

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

**UPC**



**ORDER 25716**

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

**UPC**



SERIAL NO.



M-24  
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6623513

| OP #         | OPERATION NAME                                                                                                                         | READINGS                | DATE     | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------|---------|
| 410          | SERIALIZE BOLT HANDLE                                                                                                                  |                         | 11-28-06 | BLC     |
| 420          | ASSEMBLE ACTION                                                                                                                        |                         | 11-28-06 | BLC     |
| 430          | ASSEMBLE TO STOCK                                                                                                                      |                         | 11-30-06 | RP      |
| 440          | PROOF                                                                                                                                  |                         | 11-30-06 | TRW     |
| 460          | CHECK HEADSPACE                                                                                                                        | MAGNA-FLUX<br>INSPECTED | 11-30-06 | TRW     |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    | DEC 01 2006             | 11-30-06 | BLC     |
| 480          | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR <u>APD</u>     | 12-1-06  | APD     |
| 490          | MAGNAFLUX BOLT                                                                                                                         |                         |          |         |
| 500          | ROLLMARK CALIBER                                                                                                                       |                         | 12-1-06  | CLJ     |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                         | 11-30-06 | SD      |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                         | 12/1/06  | 1/1/06  |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                         |          |         |
|              | (BOLT)                                                                                                                                 |                         | 12/11/06 | FB      |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                         | 12-14-06 | SD      |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                         |          |         |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                         | 12-14-06 | SD      |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                         | 12-14-06 | SD      |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                         | 12-18-06 | RP      |
|              | 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> |                         | 12/20/06 | mm      |

F004 REV 5/2006

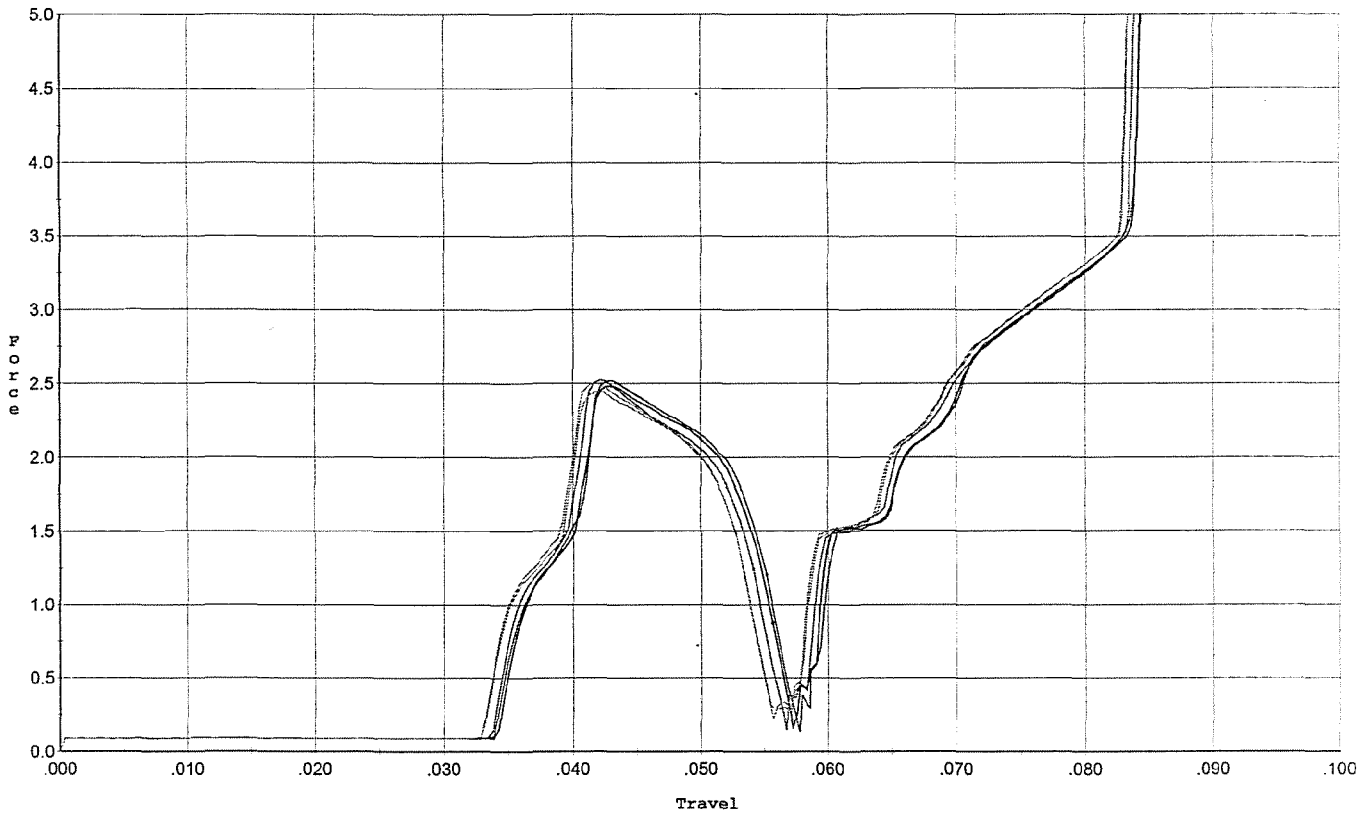
| OP #         | OPERATION NAME                                                           | READINGS                                                    | DATE     | INITIAL |
|--------------|--------------------------------------------------------------------------|-------------------------------------------------------------|----------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>6.5</u> <u>6.0</u> <u>6.0</u>                            | 12/19/00 | nom     |
| CONT.        |                                                                          |                                                             |          |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>4.0</u> <u>4.0</u> <u>4.0</u>                            | 12/19/00 | nom     |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             | 12/20/00 | nom     |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.025</u> <u>.024</u> <u>.024</u>                         | 12/19/00 | nom     |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 12-18-00 | RTC     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 12/20/00 | nom     |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 12/22/00 | nom     |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 12/22/00 | nom     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 12/22/00 | nom     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 12/18/00 | nom     |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 12/18/00 | MJD     |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 12/20/00 | nom     |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.64</u> <u>2.72</u> <u>2.56</u> <u>2.66</u> <u>2.55</u> | 12/19/00 | nom     |
|              | C) FUNCTION                                                              |                                                             | 12/20/00 | nom     |
| 690          | PACK                                                                     |                                                             | 12/24/00 | DA      |

F004 REV 5/2006

# Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 12/15/06

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



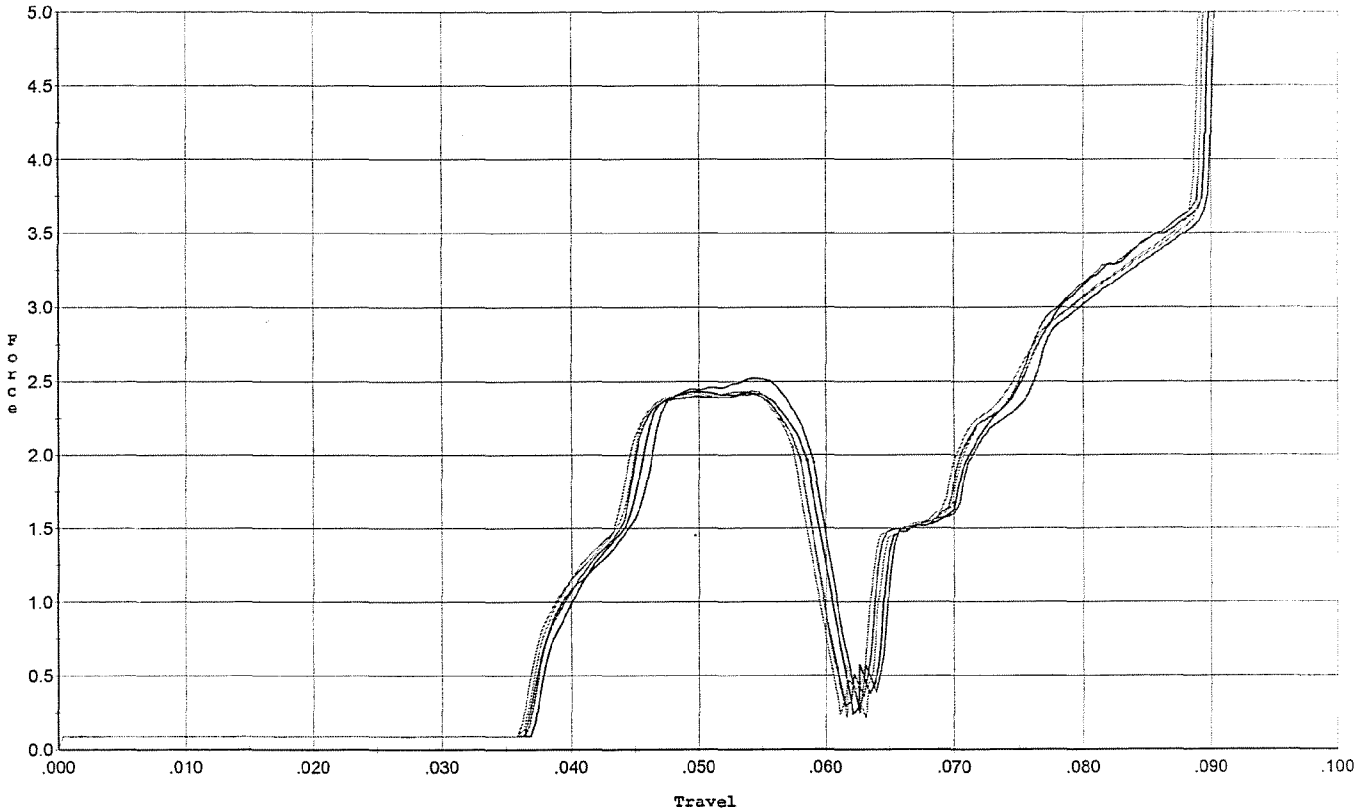
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.518      | 0.055             | 0.034           | 0.036      | 0.041             |           | Set Trigger |
| 2 | 2.484      | 0.056             | 0.034           | 0.036      | 0.041             |           | Set Trigger |
| 3 | 2.523      | 0.054             | 0.034           | 0.036      | 0.040             |           | Set Trigger |
| 4 | 2.444      | 0.053             | 0.033           | 0.036      | 0.039             |           | Set Trigger |
| 5 | 2.502      | 0.053             | 0.033           | 0.036      | 0.039             |           | Set Trigger |

Avg 2.49

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 12/15/06

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



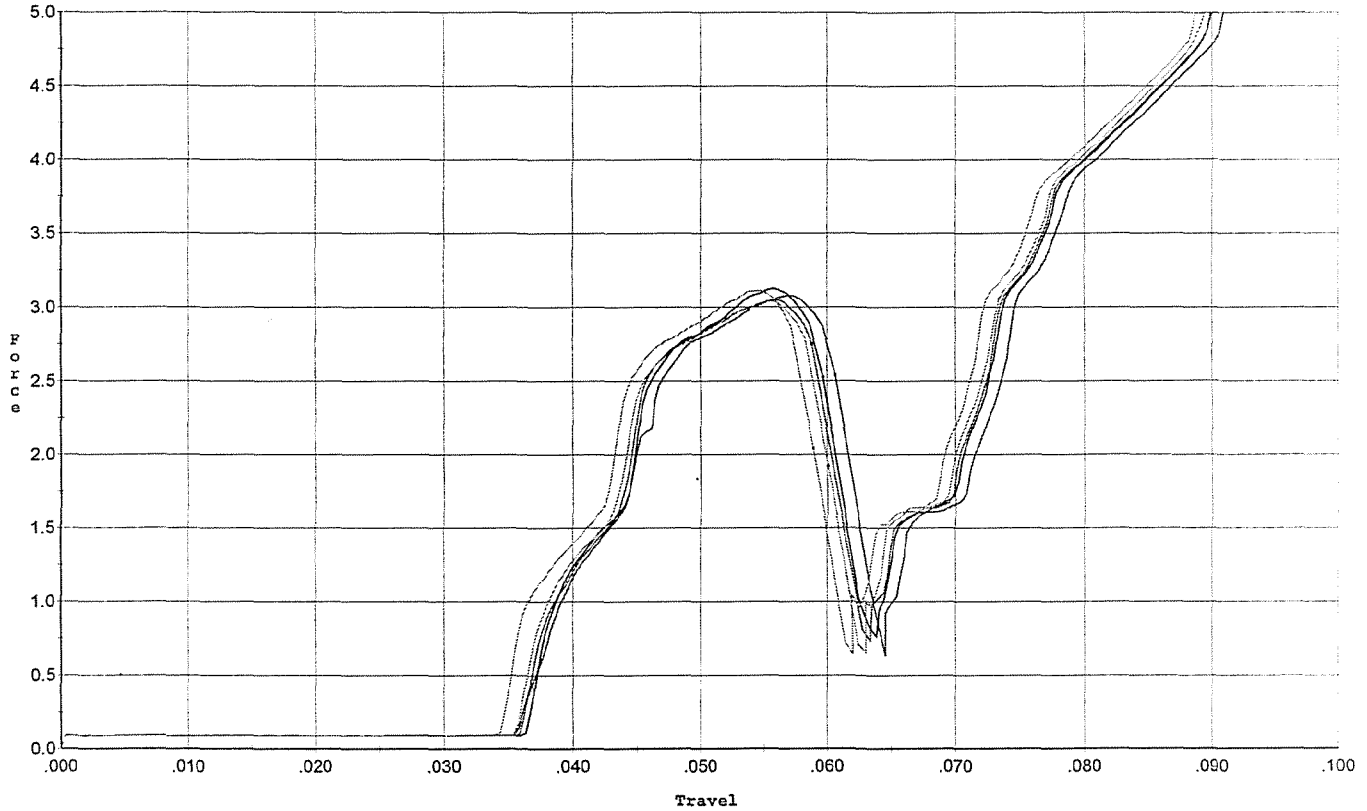
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.523      | 0.059             | 0.037           | 0.037      | 0.046             |           | Set Trigger |
| 2 | 2.433      | 0.059             | 0.037           | 0.037      | 0.044             |           | Set Trigger |
| 3 | 2.416      | 0.058             | 0.037           | 0.037      | 0.044             |           | Set Trigger |
| 4 | 2.436      | 0.058             | 0.037           | 0.037      | 0.045             |           | Set Trigger |
| 5 | 2.434      | 0.057             | 0.036           | 0.037      | 0.044             |           | Set Trigger |

AUG 2.44

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 12/15/06

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



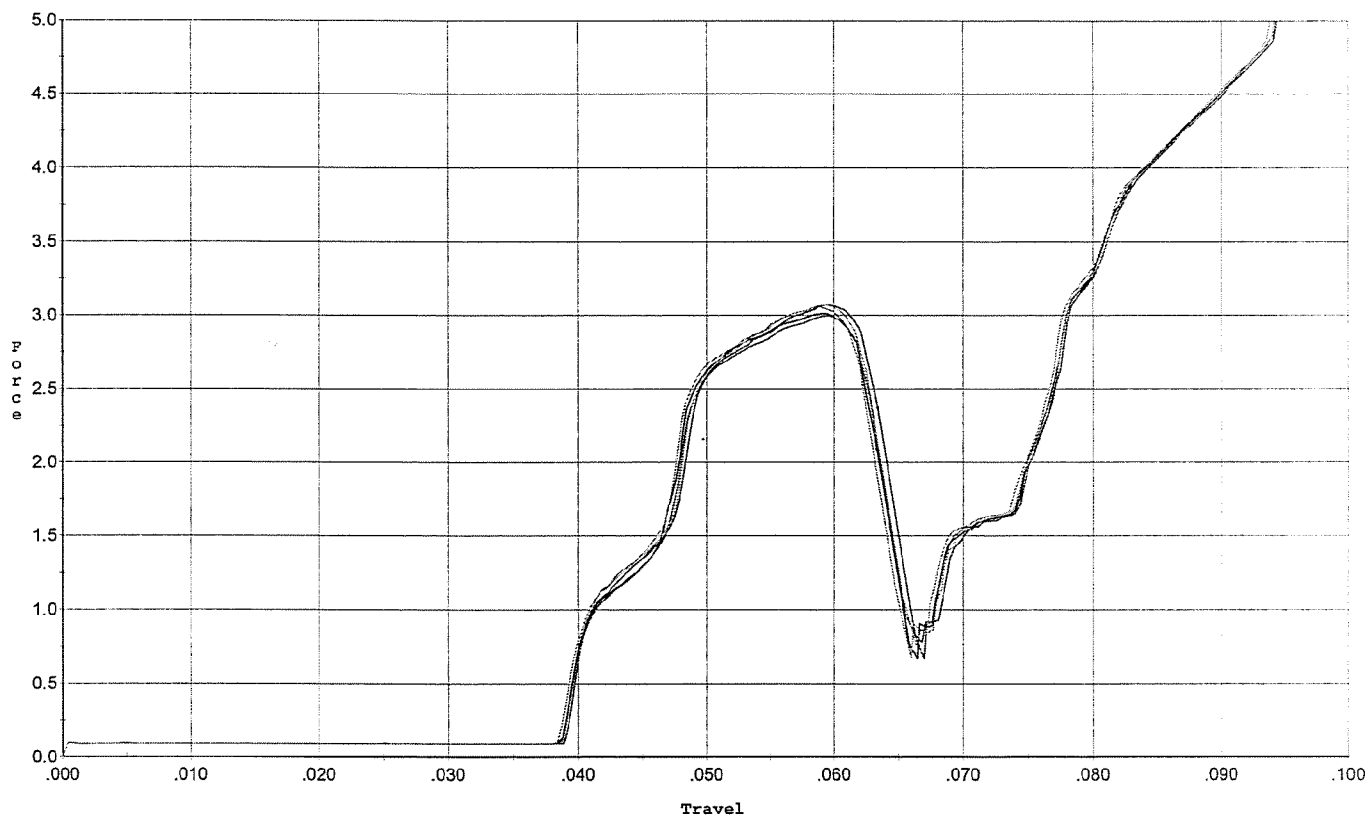
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.075      | 0.061             | 0.036           | 0.036      | 0.059             |           | Set Trigger |
| 2 | 3.124      | 0.060             | 0.037           | 0.036      | 0.057             |           | Set Trigger |
| 3 | 3.045      | 0.059             | 0.036           | 0.036      | 0.056             |           | Set Trigger |
| 4 | 3.039      | 0.060             | 0.036           | 0.036      | 0.058             |           | Set Trigger |
| 5 | 3.110      | 0.059             | 0.035           | 0.035      | 0.058             |           | Set Trigger |

Aug 3.07

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 12/15/06

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



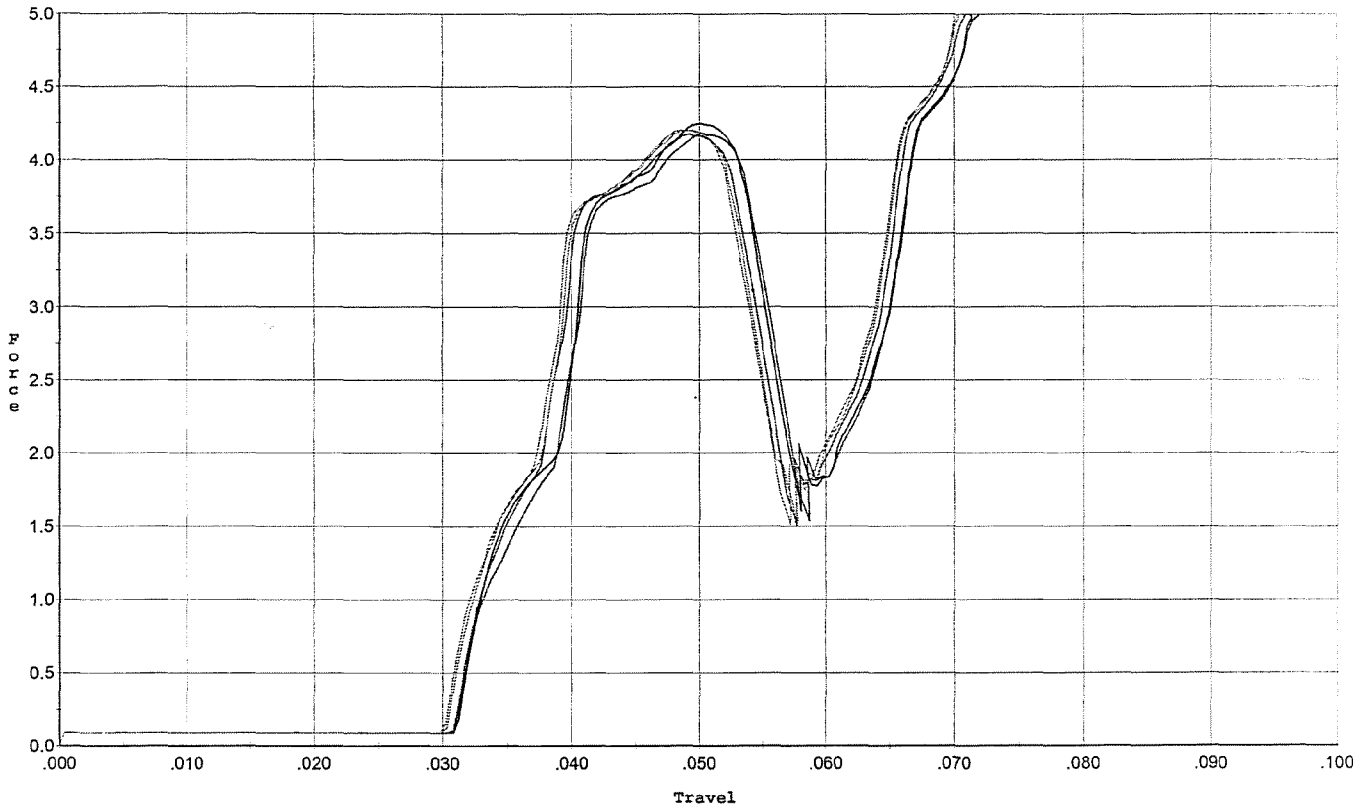
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.072      | 0.063             | 0.039           | 0.037      | 0.059             |           | Set Trigger |
| 2 | 3.013      | 0.063             | 0.039           | 0.037      | 0.058             |           | Set Trigger |
| 3 | 2.998      | 0.063             | 0.039           | 0.037      | 0.057             |           | Set Trigger |
| 4 | 3.072      | 0.063             | 0.039           | 0.037      | 0.058             |           | Set Trigger |
| 5 | 3.058      | 0.062             | 0.039           | 0.037      | 0.057             |           | Set Trigger |

Aug 3.04

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 12/15/06

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



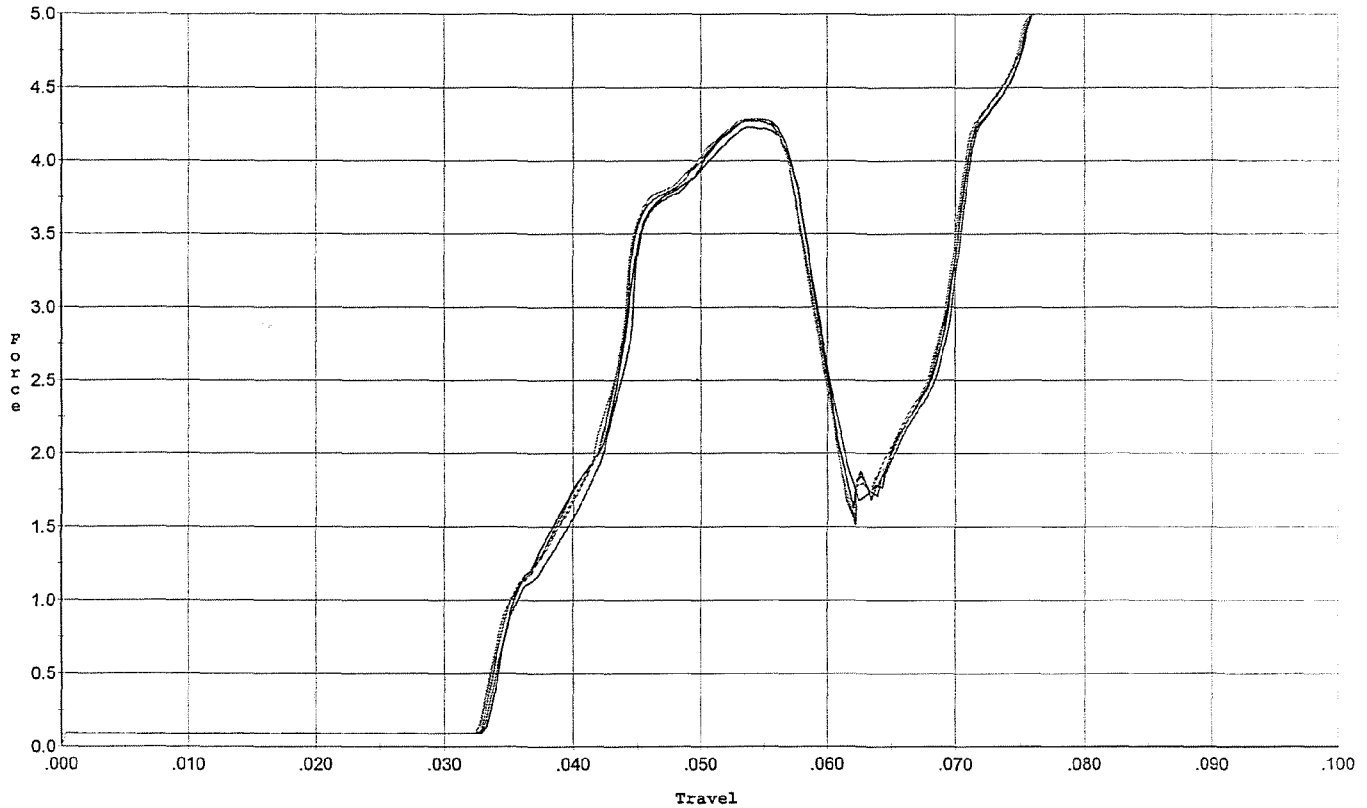
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.186      | 0.055             | 0.031           | 0.030      | 0.075             |           | Set Trigger |
| 2 | 4.250      | 0.054             | 0.031           | 0.031      | 0.074             |           | Set Trigger |
| 3 | 4.175      | 0.054             | 0.031           | 0.031      | 0.075             |           | Set Trigger |
| 4 | 4.199      | 0.053             | 0.031           | 0.031      | 0.073             |           | Set Trigger |
| 5 | 4.203      | 0.054             | 0.030           | 0.031      | 0.075             |           | Set Trigger |

Aug 4.20

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 12/15/06

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



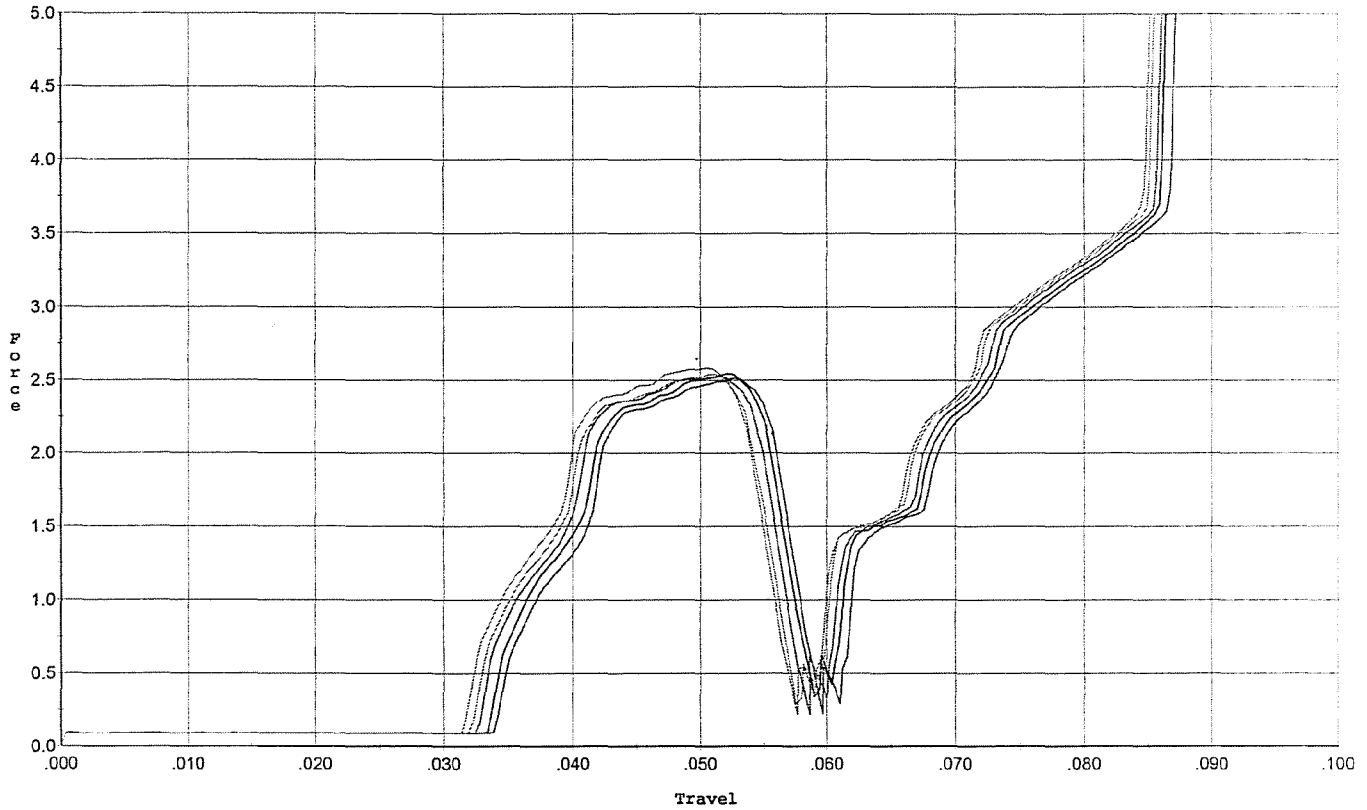
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.231      | 0.058             | 0.033           | 0.031      | 0.076             |           | Set Trigger |
| 2 | 4.285      | 0.058             | 0.034           | 0.031      | 0.077             |           | Set Trigger |
| 3 | 4.270      | 0.059             | 0.033           | 0.031      | 0.079             |           | Set Trigger |
| 4 | 4.288      | 0.059             | 0.033           | 0.031      | 0.079             |           | Set Trigger |
| 5 | 4.274      | 0.057             | 0.033           | 0.031      | 0.076             |           | Set Trigger |

Aug 4.27

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 12/15/06

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



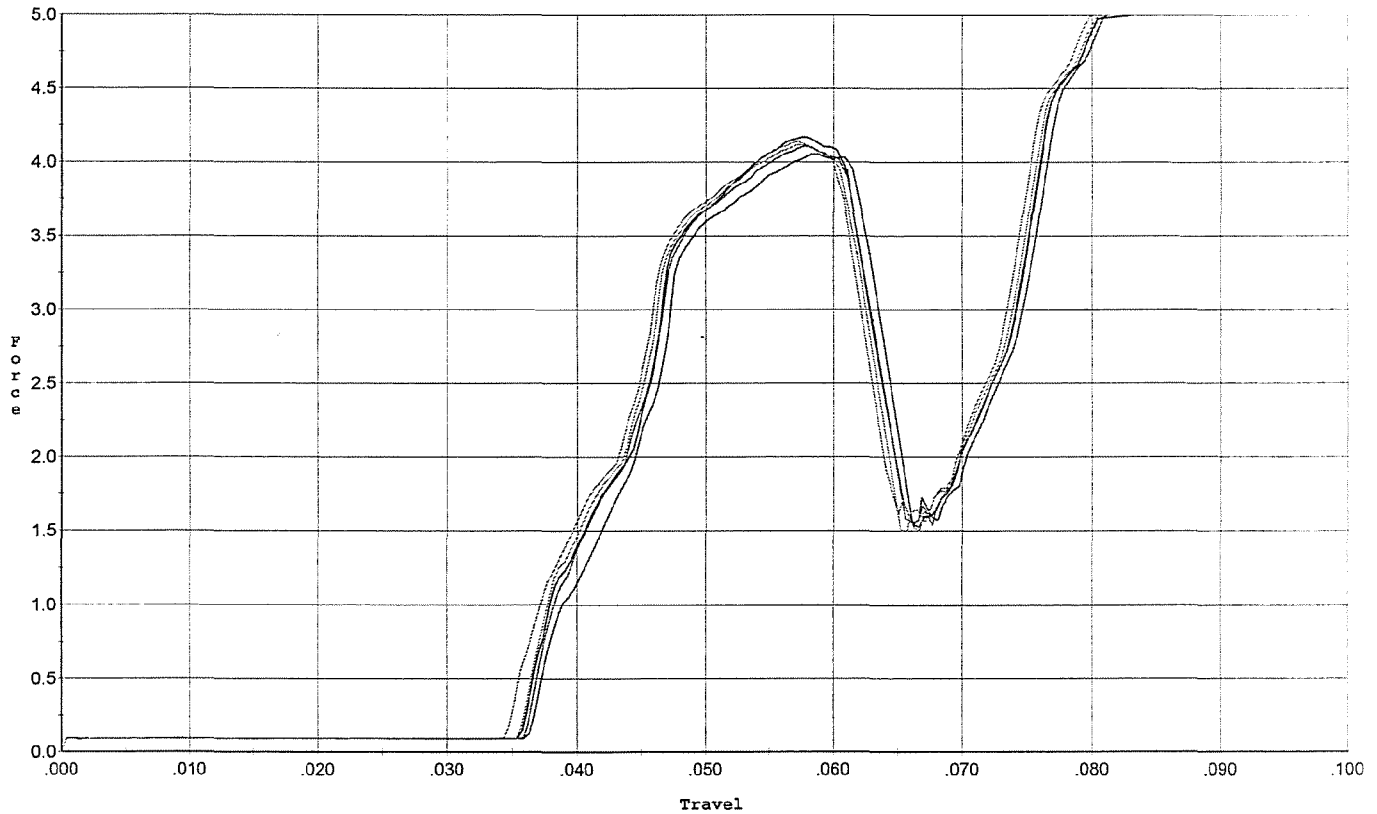
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.515      | 0.056             | 0.034           | 0.037      | 0.045             |           | Set Trigger |
| 2 | 2.545      | 0.055             | 0.034           | 0.036      | 0.046             |           | Set Trigger |
| 3 | 2.530      | 0.055             | 0.033           | 0.036      | 0.047             |           | Set Trigger |
| 4 | 2.542      | 0.055             | 0.032           | 0.036      | 0.047             |           | Set Trigger |
| 5 | 2.585      | 0.054             | 0.032           | 0.036      | 0.047             |           | Set Trigger |

Aug 2.54

## Trigger Profile [ lbs,inch ]

**Profile:** SWS  
**GunType:** Rifle  
**Make:** Remington  
**Note:** R. Putch 12/15/06

**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 | 4.054      | 0.063             | 0.037           | 0.033      | 0.082             |           | Set Trigger |
| 2 | 4.172      | 0.061             | 0.036           | 0.033      | 0.081             |           | Set Trigger |
| 3 | 4.109      | 0.063             | 0.036           | 0.033      | 0.084             |           | Set Trigger |
| 4 | 4.118      | 0.062             | 0.036           | 0.033      | 0.083             |           | Set Trigger |
| 5 | 4.139      | 0.061             | 0.035           | 0.034      | 0.082             |           | Set Trigger |

Aug 4.11

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6623513.\_\_0

FILE DATE AND TIME: 12/19/2006 06:02

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.045 |
| The Average Y Centroid of the Five Target Set:              | 0.025 |
| The Average Point of Impact of the Five Target Set:         | 0.052 |
| The Average Mean Radius of the Five Target Set:             | 0.638 |
| The Distance from POA to Centroid Target #1:                | 0.129 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.188 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.169 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.243 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.179 |

SERIAL NUMBER: G6623513. \_\_ 0

TARGET NUMBER: 1

FILE DATE: 12/19/2006

FILE TIME: 06:02

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.451  | 0.610  |
| 2:     | 0.372  | 0.442  |
| 3:     | 0.148  | 0.490  |
| 4:     | -0.064 | 0.467  |
| 5:     | -0.324 | 0.245  |
| 6:     | 0.241  | -0.021 |
| 7:     | 0.658  | 0.117  |
| 8:     | 0.501  | -0.411 |
| 9:     | -0.083 | -0.593 |
| 10:    | -0.740 | -0.785 |

X CENTROID: 0.116

Y CENTROID: 0.056

POA TO CENTROID: 0.129

HORZ SPREAD: 1.398

VERT SPREAD: 1.395

GROUP SPREAD: 1.834

MIN RADIUS: 0.147

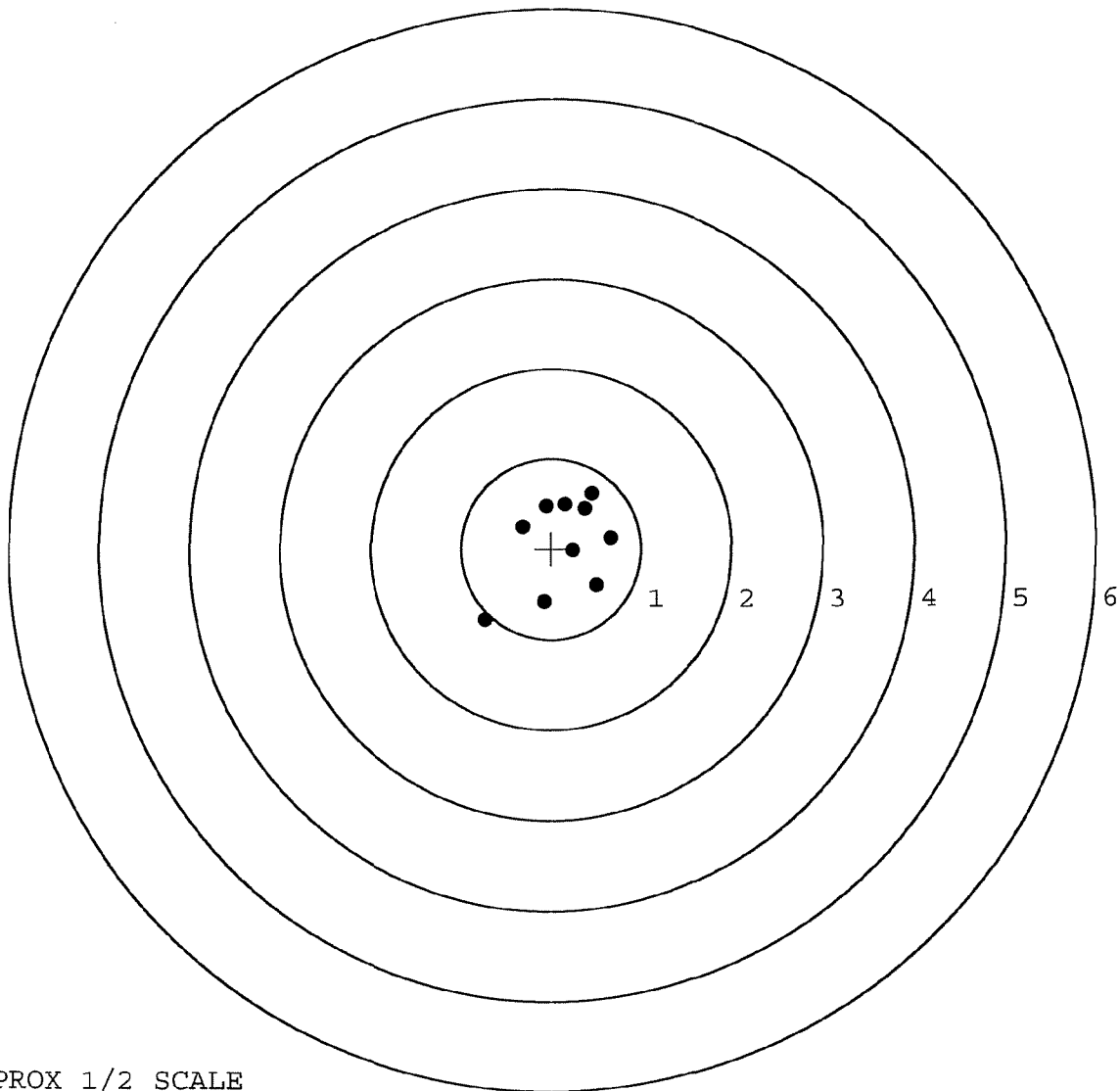
MAX RADIUS: 1.200

MEAN RADIUS: 0.565

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6623513.\_\_\_0

TARGET NUMBER: 2

FILE DATE: 12/19/2006

FILE TIME: 06:02

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.491 | 0.675  |
| 2:     | 0.042  | 0.497  |
| 3:     | -0.372 | 0.255  |
| 4:     | -0.279 | -0.056 |
| 5:     | 0.171  | -0.257 |
| 6:     | -0.522 | -0.420 |
| 7:     | -0.593 | -0.861 |
| 8:     | 0.617  | -0.037 |
| 9:     | 0.718  | -0.314 |
| 10:    | 0.763  | -0.442 |

X CENTROID: 0.005

Y CENTROID: -0.096

POA TO CENTROID: 0.096

HORZ SPREAD: 1.356

VERT SPREAD: 1.536

GROUP SPREAD: 1.539

MIN RADIUS: 0.231

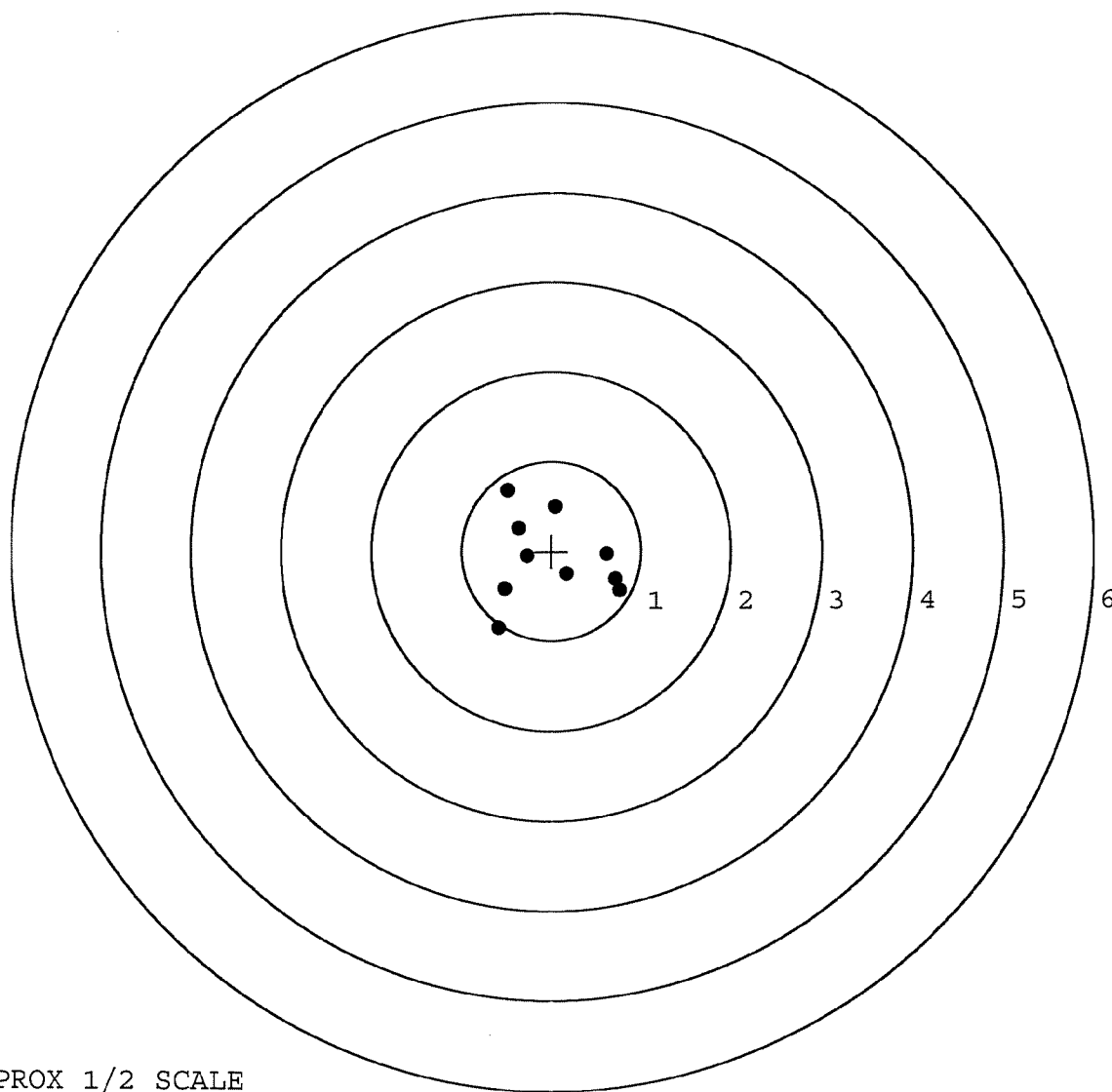
MAX RADIUS: 0.971

MEAN RADIUS: 0.633

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6623513. \_\_0

TARGET NUMBER: 3

FILE DATE: 12/19/2006

FILE TIME: 06:02

| POINT# | X | Y |
|--------|---|---|
|--------|---|---|

|    |       |       |
|----|-------|-------|
| 1: | 0.027 | 0.665 |
|----|-------|-------|

|    |       |       |
|----|-------|-------|
| 2: | 0.570 | 0.229 |
|----|-------|-------|

|    |       |       |
|----|-------|-------|
| 3: | 0.916 | 0.451 |
|----|-------|-------|

|    |       |       |
|----|-------|-------|
| 4: | 0.730 | 0.173 |
|----|-------|-------|

|    |       |        |
|----|-------|--------|
| 5: | 1.444 | -0.355 |
|----|-------|--------|

|    |       |        |
|----|-------|--------|
| 6: | 0.767 | -0.731 |
|----|-------|--------|

|    |        |        |
|----|--------|--------|
| 7: | -0.264 | -0.005 |
|----|--------|--------|

|    |        |        |
|----|--------|--------|
| 8: | -0.388 | -0.151 |
|----|--------|--------|

|    |        |        |
|----|--------|--------|
| 9: | -1.110 | -0.149 |
|----|--------|--------|

|     |       |       |
|-----|-------|-------|
| 10: | 0.157 | 0.405 |
|-----|-------|-------|

X CENTROID: 0.285

Y CENTROID: 0.053

POA TO CENTROID: 0.290

HORZ SPREAD: 2.554

VERT SPREAD: 1.396

GROUP SPREAD: 2.562

MIN RADIUS: 0.335

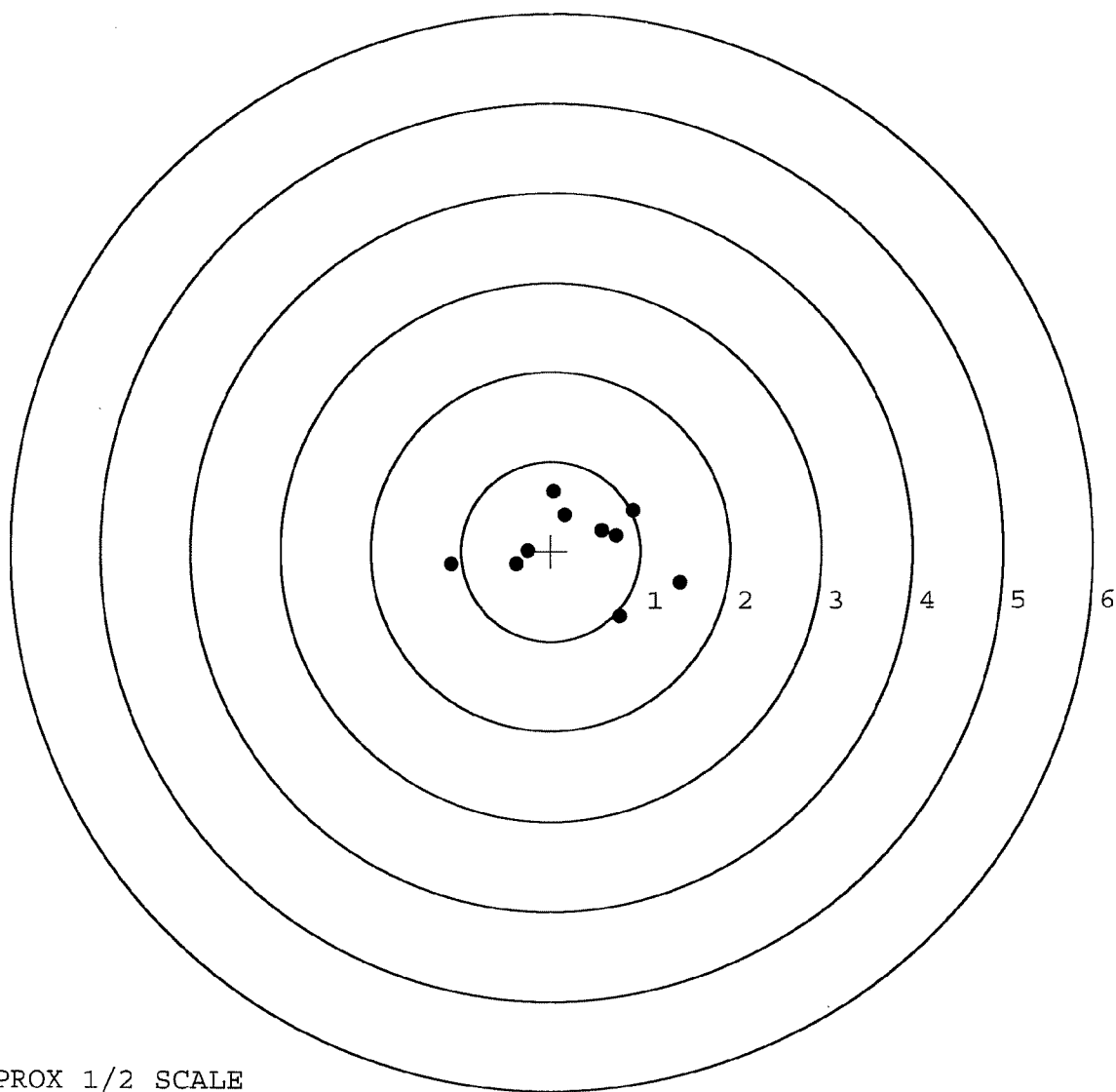
MAX RADIUS: 1.409

MEAN RADIUS: 0.739

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6623513. \_\_0

TARGET NUMBER: 4

FILE DATE: 12/19/2006

FILE TIME: 06:02

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.125  | 0.595  |
| 2:     | 0.050  | 0.691  |
| 3:     | -0.131 | 0.350  |
| 4:     | 0.069  | 0.184  |
| 5:     | 0.135  | 0.041  |
| 6:     | -0.258 | -0.114 |
| 7:     | -0.021 | -0.210 |
| 8:     | -0.395 | -0.270 |
| 9:     | -0.568 | -0.421 |
| 10:    | -1.235 | 0.151  |

X CENTROID: -0.123

Y CENTROID: 0.100

POA TO CENTROID: 0.158

HORZ SPREAD: 2.360

VERT SPREAD: 1.112

GROUP SPREAD: 2.401

MIN RADIUS: 0.210

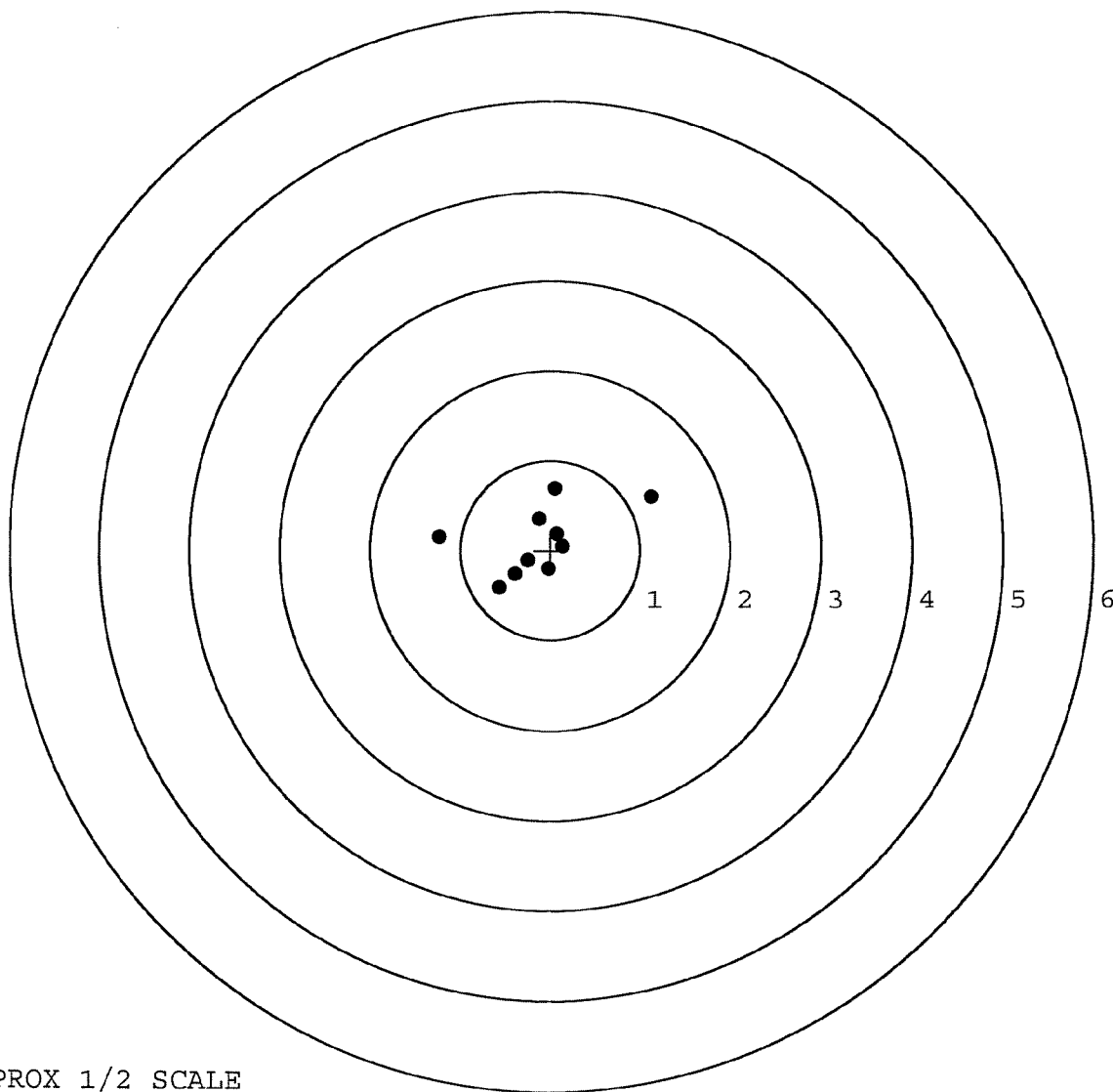
MAX RADIUS: 1.343

MEAN RADIUS: 0.552

# IN 1 IN DIAMETER: 6

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6623513. 0

TARGET NUMBER: 5

FILE DATE: 12/19/2006

FILE TIME: 06:02

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.377 | 0.977  |
| 2:     | -0.756 | 0.541  |
| 3:     | -0.458 | 0.420  |
| 4:     | -0.351 | 0.173  |
| 5:     | 0.164  | -0.183 |
| 6:     | -0.240 | -0.362 |
| 7:     | -0.442 | -0.708 |
| 8:     | 0.434  | -0.532 |
| 9:     | 0.993  | -0.689 |
| 10:    | 0.452  | 0.490  |

X CENTROID: -0.058

Y CENTROID: 0.013

POA TO CENTROID: 0.059

HORZ SPREAD: 1.749

VERT SPREAD: 1.685

GROUP SPREAD: 2.157

MIN RADIUS: 0.296

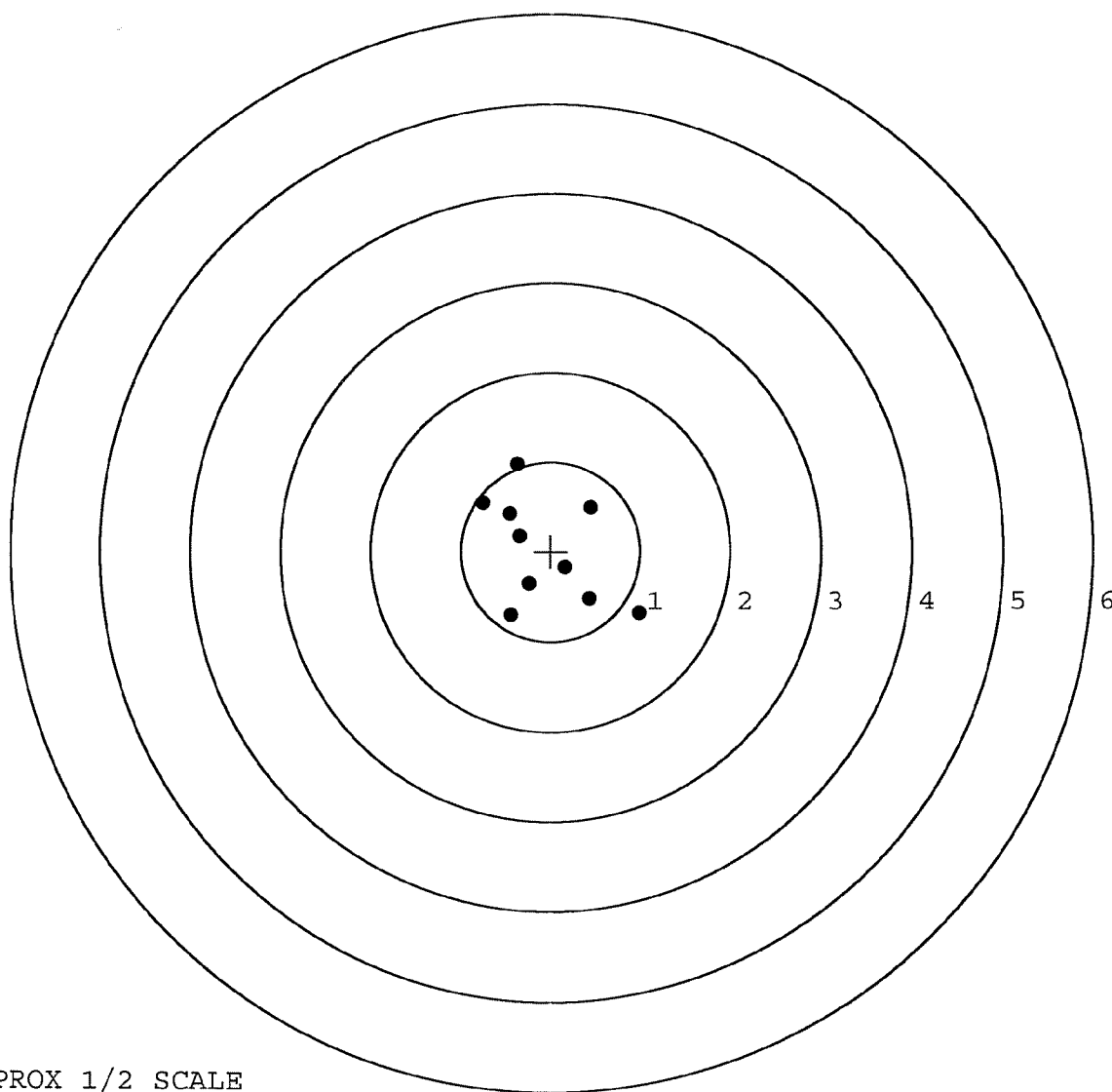
MAX RADIUS: 1.264

MEAN RADIUS: 0.702

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE