

G662 3552

**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



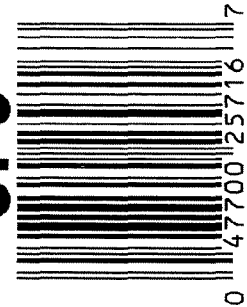
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

**G6623552**

**UPC**



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 # G6623552

| OP #         | OPERATION NAME                                                                                                                         | READINGS                | DATE     | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------|---------|
| 410          | SERIALIZE BOLT HANDLE                                                                                                                  |                         | 12-27-06 | RTZ     |
| 420          | ASSEMBLE ACTION                                                                                                                        |                         | 12-28-06 | RTZ     |
| 430          | ASSEMBLE TO STOCK                                                                                                                      |                         |          |         |
| 440          | PROOF                                                                                                                                  | MAGNA-FLUX<br>INSPECTED | 12/28/06 | mon     |
| 460          | CHECK HEADSPACE                                                                                                                        | JAN 04 2007             | 12/28/06 | mon     |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    |                         | 1-2-07   | RTZ     |
| 480          | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR <u>APD</u>     | 1-4-07   | APD     |
| 490          | MAGNAFLUX BOLT                                                                                                                         |                         |          |         |
| 500          | ROLLMARK CALIBER                                                                                                                       |                         | 1-4-07   | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                         | 1-3-07   | TRC     |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                         | 1-4-07   | LB      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                         |          |         |
|              | (BOLT)                                                                                                                                 |                         | 1/12/07  | RB      |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                         |          |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                         | 1-16-07  | RA      |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                         | 1-16-07  | RA      |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                         | 1-16-07  | RA      |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                         | 1-16-07  | 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> |                         | 1/19/07  | mon     |

F004 REV 5/2006

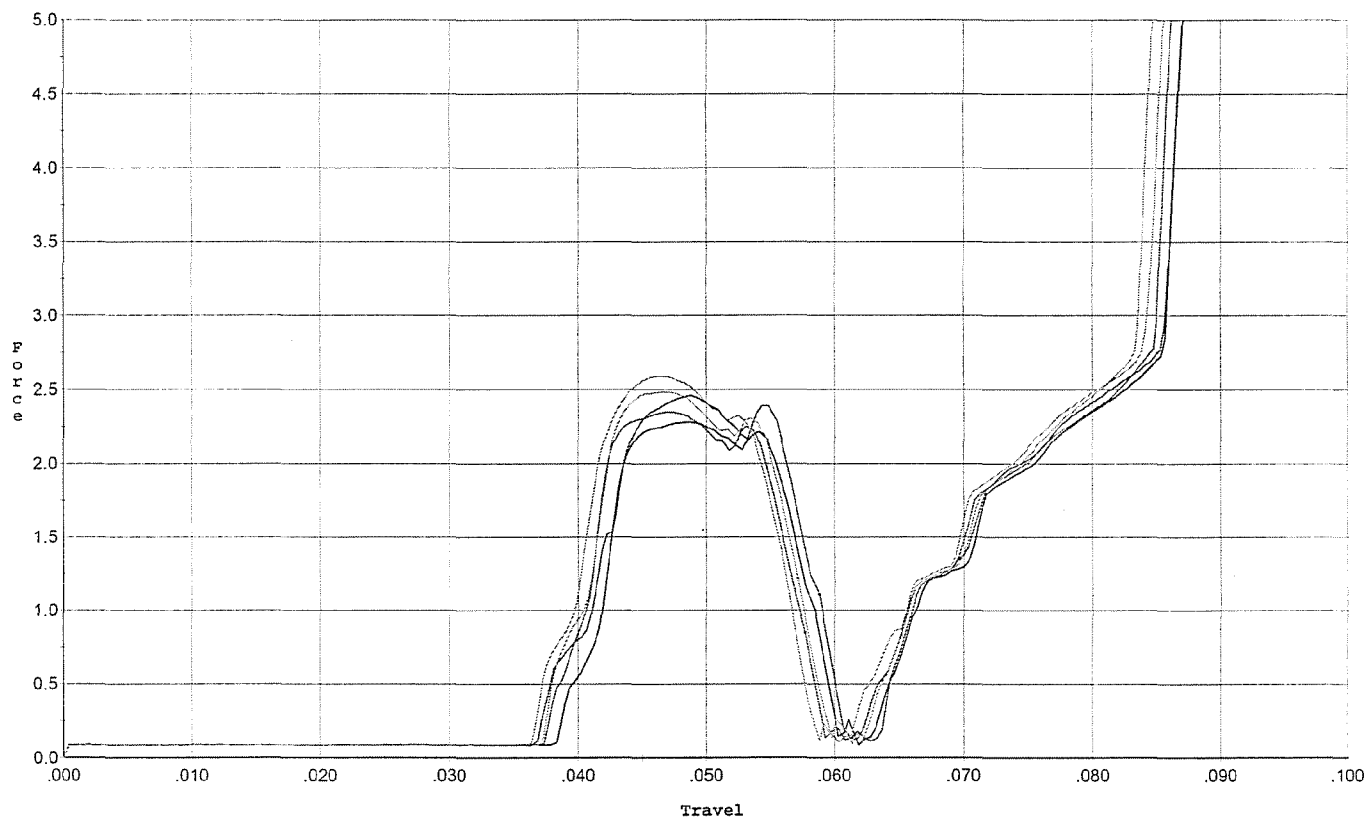
| OP #         | OPERATION NAME                                                           | READINGS                                                    | DATE    | INITIAL |
|--------------|--------------------------------------------------------------------------|-------------------------------------------------------------|---------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>5.0</u> <u>4.5</u> <u>4.5</u>                            | 1/17/07 | non     |
| CONT.        |                                                                          |                                                             |         |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>3.0</u> <u>3.0</u> <u>3.0</u>                            | 1/17/07 | non     |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             | 1/19/07 | non     |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.024</u> <u>.024</u> <u>.024</u>                         | 1/17/07 | non     |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 1-16-07 | J.P.D.  |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 1/18/07 | non     |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 1/18/07 | non     |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 1/18/07 | non     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 1/18/07 | non     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 1-17-07 | TRW     |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 1-17-07 | Fm      |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 1/18/07 | non     |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.56</u> <u>2.35</u> <u>2.43</u> <u>2.43</u> <u>2.43</u> | 1-17-07 | TRW     |
|              | C) FUNCTION                                                              |                                                             | 1/18/07 | non     |
| 690          | PACK                                                                     |                                                             | 1-25-07 | RA      |

F004 REV 5/2006

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 1/03/07

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



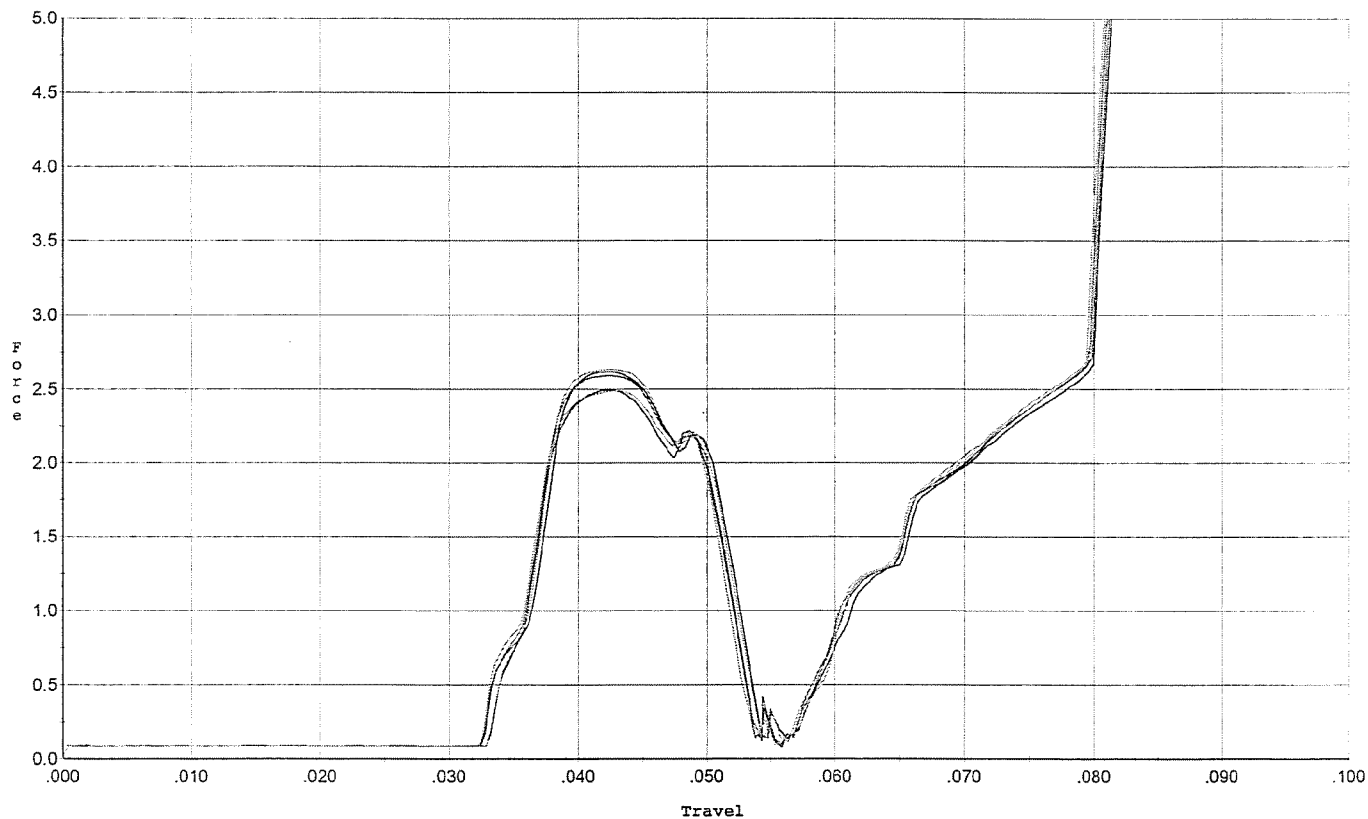
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.464      | 0.059             | 0.037           | 0.036      | 0.043             |           | Set Trigger |
| 2 | 2.284      | 0.058             | 0.039           | 0.037      | 0.039             |           | Set Trigger |
| 3 | 2.350      | 0.058             | 0.038           | 0.037      | 0.040             |           | Set Trigger |
| 4 | 2.484      | 0.057             | 0.038           | 0.036      | 0.041             |           | Set Trigger |
| 5 | 2.591      | 0.056             | 0.037           | 0.036      | 0.042             |           | Set Trigger |

Aug 2.43

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 1/03/07

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



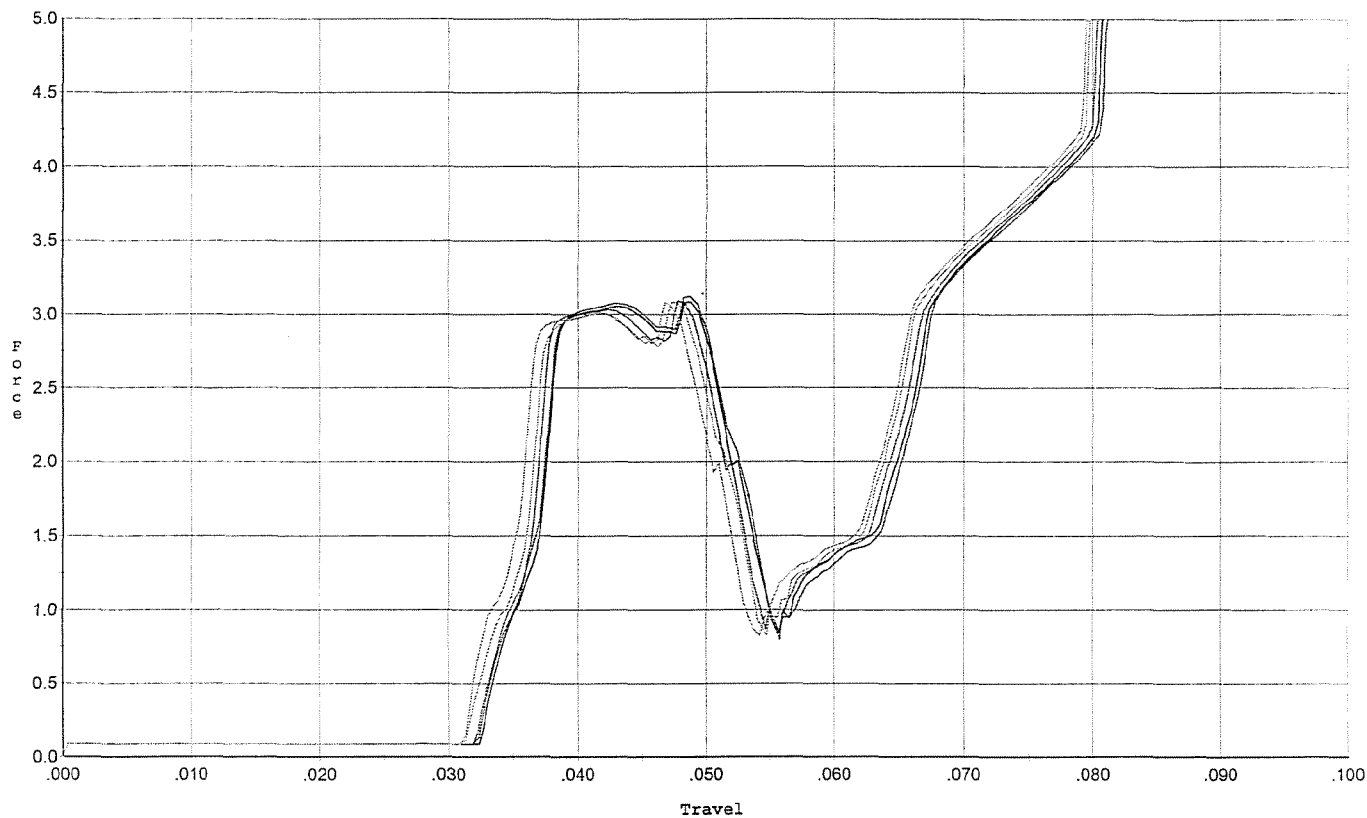
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.494      | 0.052             | 0.033           | 0.036      | 0.038             |           | Set Trigger |
| 2 | 2.618      | 0.052             | 0.033           | 0.036      | 0.040             |           | Set Trigger |
| 3 | 2.589      | 0.051             | 0.033           | 0.036      | 0.040             |           | Set Trigger |
| 4 | 2.488      | 0.050             | 0.033           | 0.036      | 0.038             |           | Set Trigger |
| 5 | 2.634      | 0.051             | 0.033           | 0.036      | 0.039             |           | Set Trigger |

Aug 2.56

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 1/03/07

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



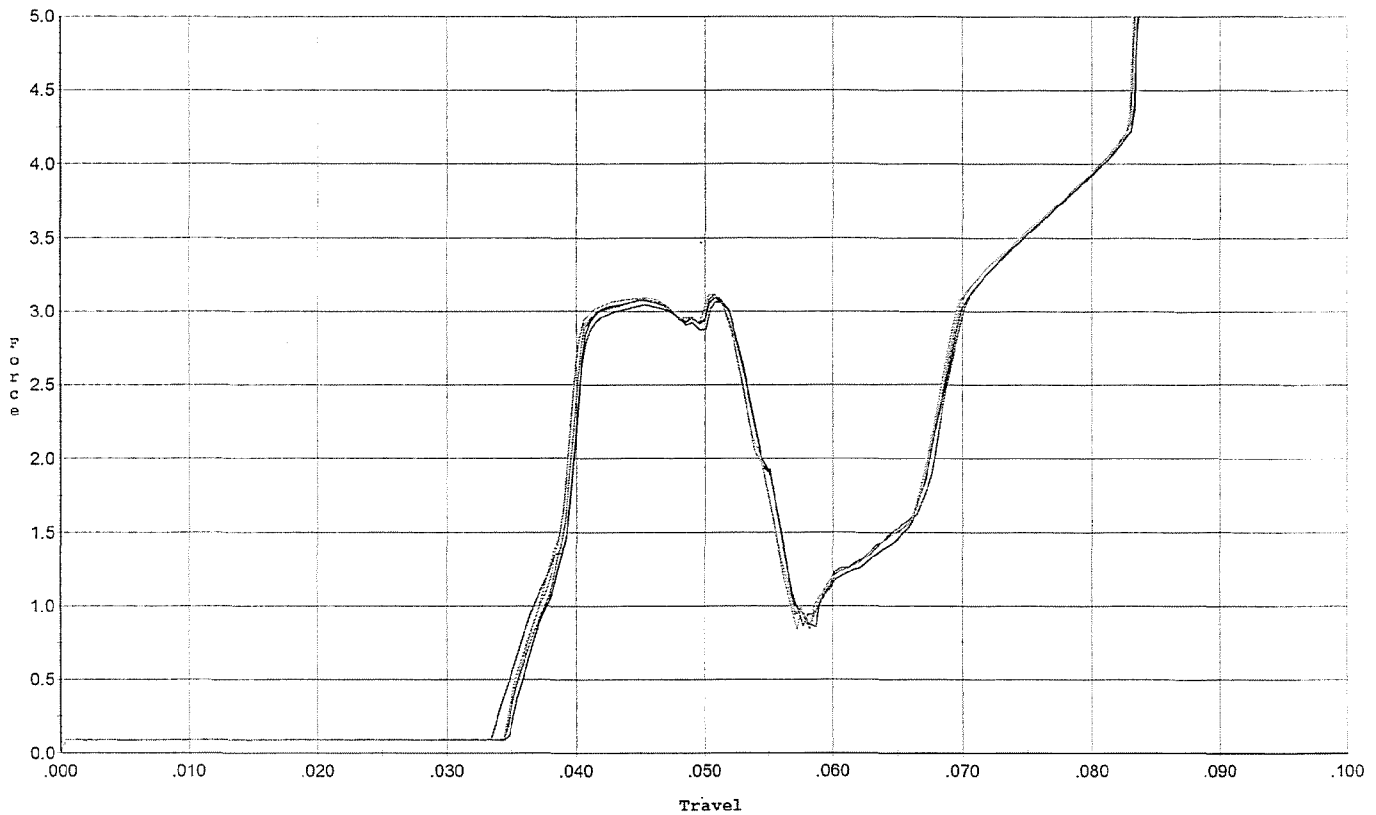
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.123      | 0.053             | 0.033           | 0.034      | 0.053             |           | Set Trigger |
| 2 | 3.086      | 0.050             | 0.033           | 0.035      | 0.048             |           | Set Trigger |
| 3 | 3.091      | 0.052             | 0.032           | 0.034      | 0.050             |           | Set Trigger |
| 4 | 3.086      | 0.052             | 0.032           | 0.034      | 0.051             |           | Set Trigger |
| 5 | 3.082      | 0.051             | 0.031           | 0.034      | 0.050             |           | Set Trigger |

AUG 309

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 1/03/07

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



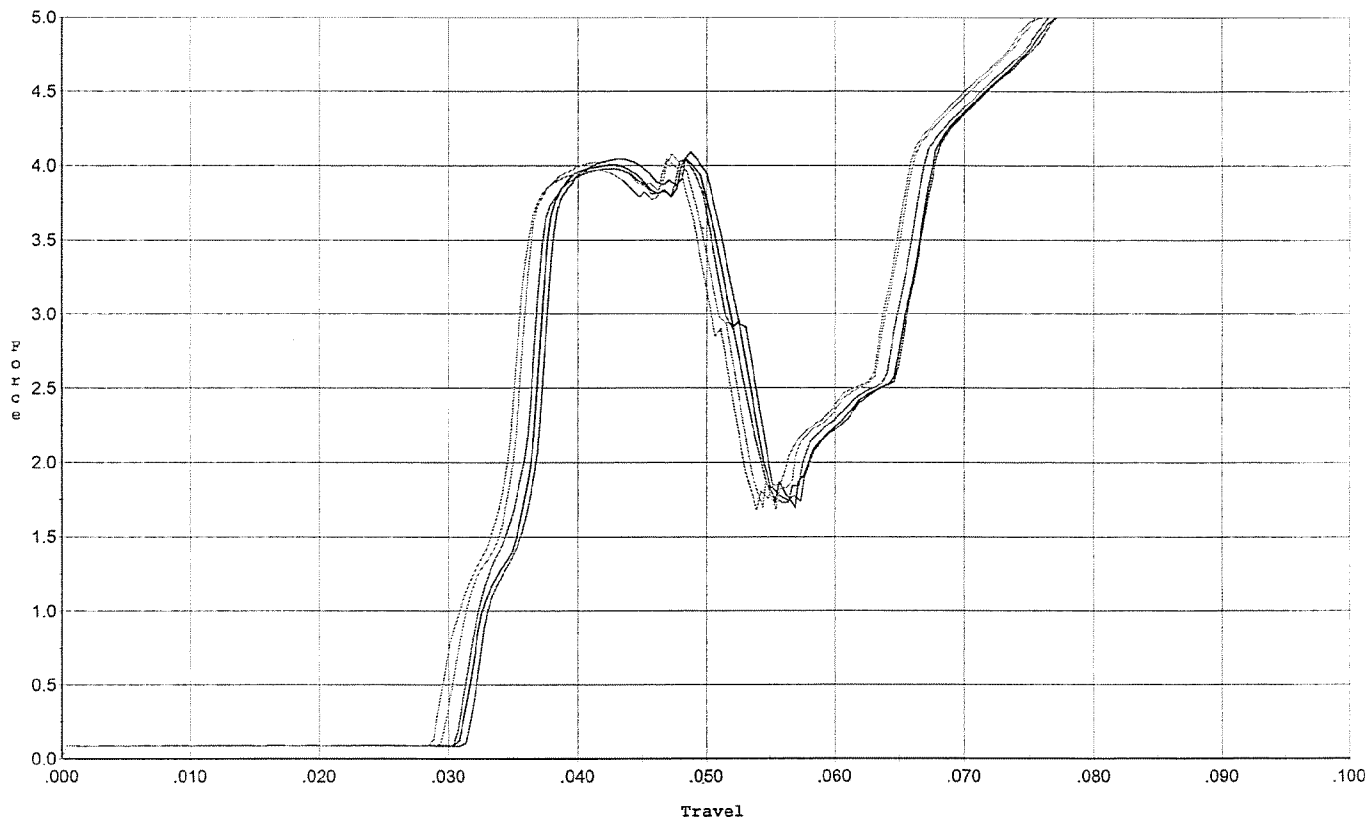
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.069      | 0.055             | 0.034           | 0.035      | 0.053             |           | Set Trigger |
| 2 | 3.093      | 0.055             | 0.035           | 0.035      | 0.052             |           | Set Trigger |
| 3 | 3.118      | 0.055             | 0.035           | 0.035      | 0.052             |           | Set Trigger |
| 4 | 3.115      | 0.052             | 0.035           | 0.036      | 0.049             |           | Set Trigger |
| 5 | 3.105      | 0.052             | 0.035           | 0.036      | 0.049             |           | Set Trigger |

Avg 3.10

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 1/03/07

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



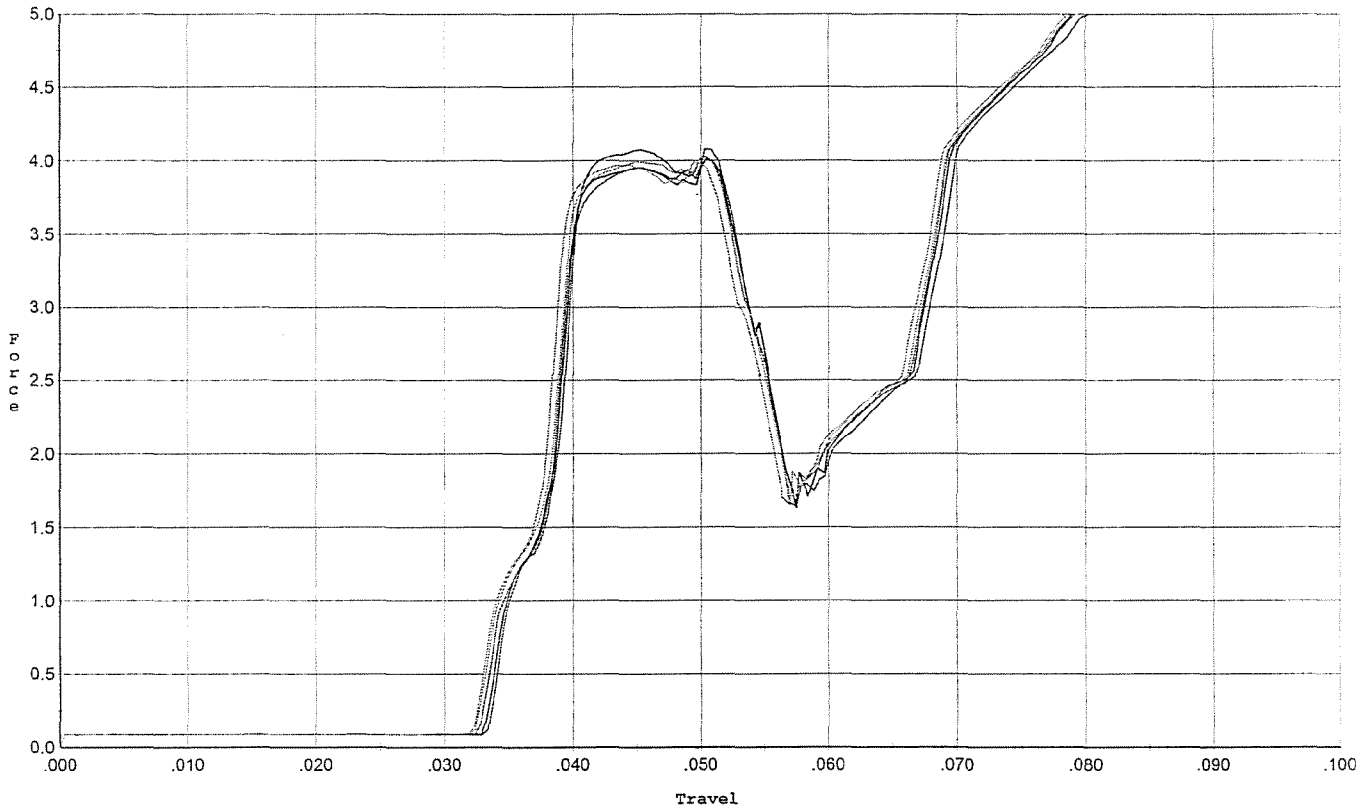
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.096      | 0.053             | 0.032           | 0.032      | 0.071             |           | Set Trigger |
| 2 | 4.053      | 0.053             | 0.031           | 0.032      | 0.070             |           | Set Trigger |
| 3 | 4.042      | 0.050             | 0.031           | 0.033      | 0.066             |           | Set Trigger |
| 4 | 4.078      | 0.052             | 0.030           | 0.031      | 0.072             |           | Set Trigger |
| 5 | 4.043      | 0.051             | 0.029           | 0.031      | 0.071             |           | Set Trigger |

Avg 4.06

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putsch 1/03/07

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



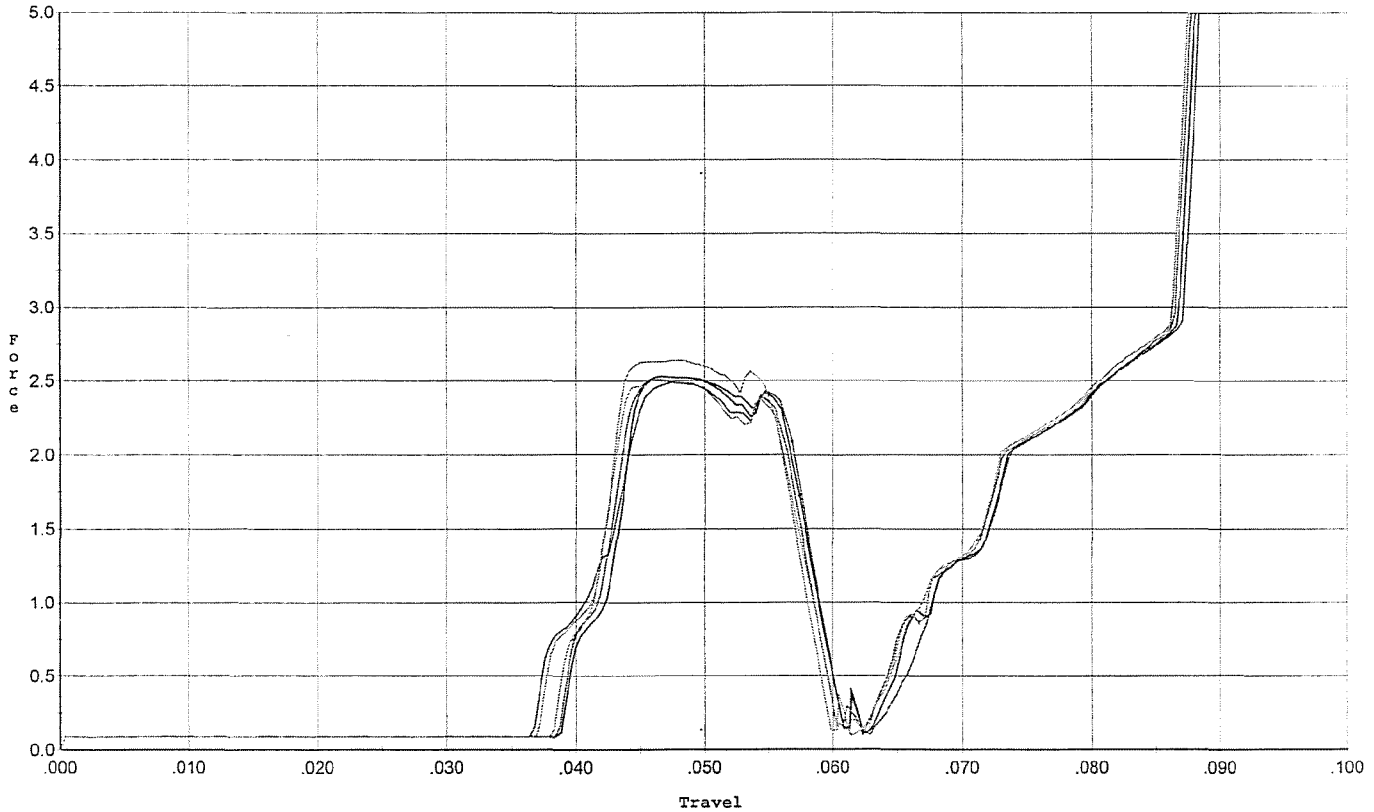
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.077      | 0.055             | 0.034           | 0.033      | 0.070             |           | Set Trigger |
| 2 | 4.011      | 0.055             | 0.033           | 0.033      | 0.069             |           | Set Trigger |
| 3 | 4.025      | 0.055             | 0.033           | 0.033      | 0.070             |           | Set Trigger |
| 4 | 4.023      | 0.052             | 0.033           | 0.033      | 0.065             |           | Set Trigger |
| 5 | 3.992      | 0.055             | 0.032           | 0.033      | 0.071             |           | Set Trigger |

Aug 4.02

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 1/03/07

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



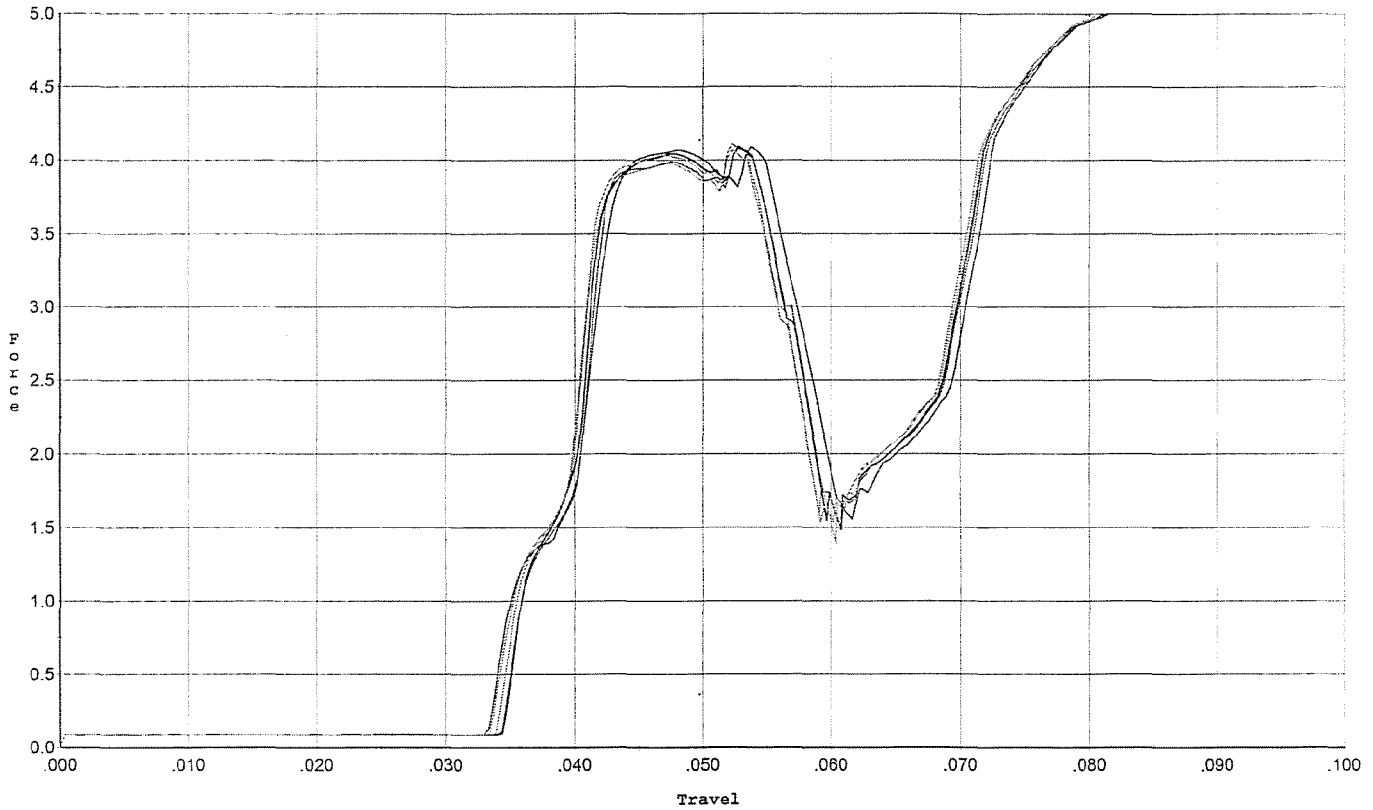
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.505      | 0.057             | 0.037           | 0.038      | 0.043             |           | Set Trigger |
| 2 | 2.531      | 0.057             | 0.039           | 0.038      | 0.041             |           | Set Trigger |
| 3 | 2.509      | 0.058             | 0.039           | 0.037      | 0.042             |           | Set Trigger |
| 4 | 2.515      | 0.058             | 0.039           | 0.037      | 0.042             |           | Set Trigger |
| 5 | 2.641      | 0.056             | 0.037           | 0.038      | 0.043             |           | Set Trigger |

Avg 2.54

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 1/03/07

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 | 4.092      | 0.059             | 0.034           | 0.033      | 0.079             |           | Set Trigger |
| 2 | 4.096      | 0.057             | 0.035           | 0.033      | 0.075             |           | Set Trigger |
| 3 | 4.085      | 0.057             | 0.035           | 0.033      | 0.074             |           | Set Trigger |
| 4 | 4.067      | 0.057             | 0.034           | 0.033      | 0.073             |           | Set Trigger |
| 5 | 4.110      | 0.057             | 0.034           | 0.033      | 0.075             |           | Set Trigger |

Aug 4.09

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6623552.\_\_0  
FILE DATE AND TIME: 01/17/2007 14:33

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.010  |
| The Average Y Centroid of the Five Target Set:              | -0.003 |
| The Average Point of Impact of the Five Target Set:         | 0.011  |
| The Average Mean Radius of the Five Target Set:             | 0.765  |
| The Distance from POA to Centroid Target #1:                | 0.406  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.378  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.750  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.454  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.505  |

**BARBER - M24 0141161**

SERIAL NUMBER: G6623552. \_\_0

TARGET NUMBER: 1

FILE DATE: 01/17/2007

FILE TIME: 14:33

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.019 | -1.509 |
| 2:     | 1.164  | -1.494 |
| 3:     | 0.454  | -0.479 |
| 4:     | 0.807  | 0.257  |
| 5:     | 0.217  | 0.506  |
| 6:     | -0.063 | -0.508 |
| 7:     | -0.486 | -0.468 |
| 8:     | 0.053  | 0.104  |
| 9:     | -0.056 | -0.113 |
| 10:    | -0.309 | 0.047  |

X CENTROID: 0.176

Y CENTROID: -0.366

POA TO CENTROID: 0.406

HORZ SPREAD: 1.650

VERT SPREAD: 2.015

GROUP SPREAD: 2.213

MIN RADIUS: 0.278

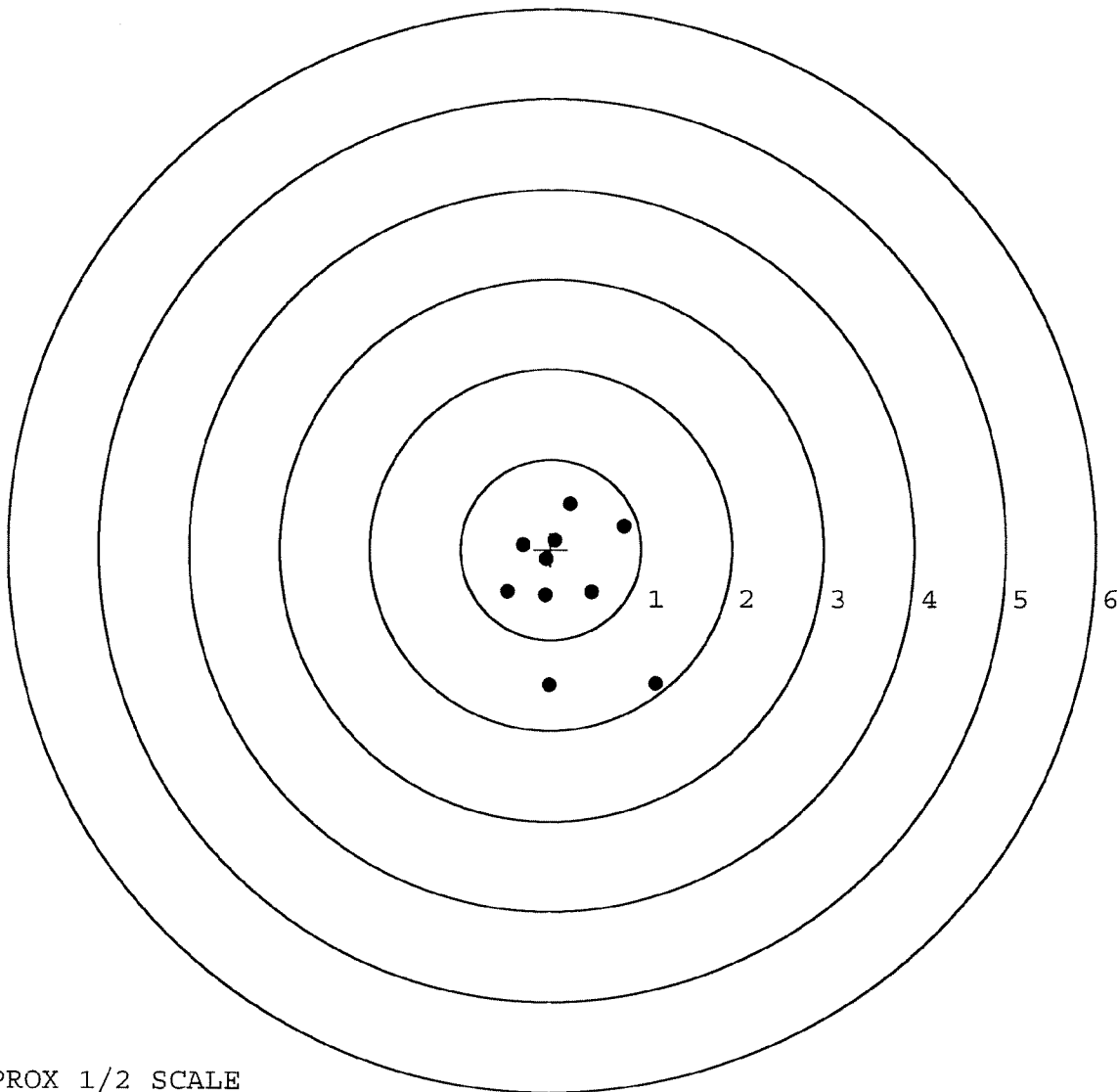
MAX RADIUS: 1.500

MEAN RADIUS: 0.713

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0141162**

SERIAL NUMBER: G6623552. \_\_0

TARGET NUMBER: 2

FILE DATE: 01/17/2007

FILE TIME: 14:33

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.073 | 0.444  |
| 2:     | 0.245  | 0.340  |
| 3:     | 0.560  | 0.297  |
| 4:     | 0.484  | 0.077  |
| 5:     | 0.810  | -0.133 |
| 6:     | 0.421  | -0.859 |
| 7:     | -0.434 | -1.163 |
| 8:     | -0.256 | -0.405 |
| 9:     | -0.875 | -0.066 |
| 10:    | -1.909 | 0.366  |

X CENTROID: -0.103

Y CENTROID: -0.110

POA TO CENTROID: 0.151

HORZ SPREAD: 2.719

VERT SPREAD: 1.607

GROUP SPREAD: 2.764

MIN RADIUS: 0.332

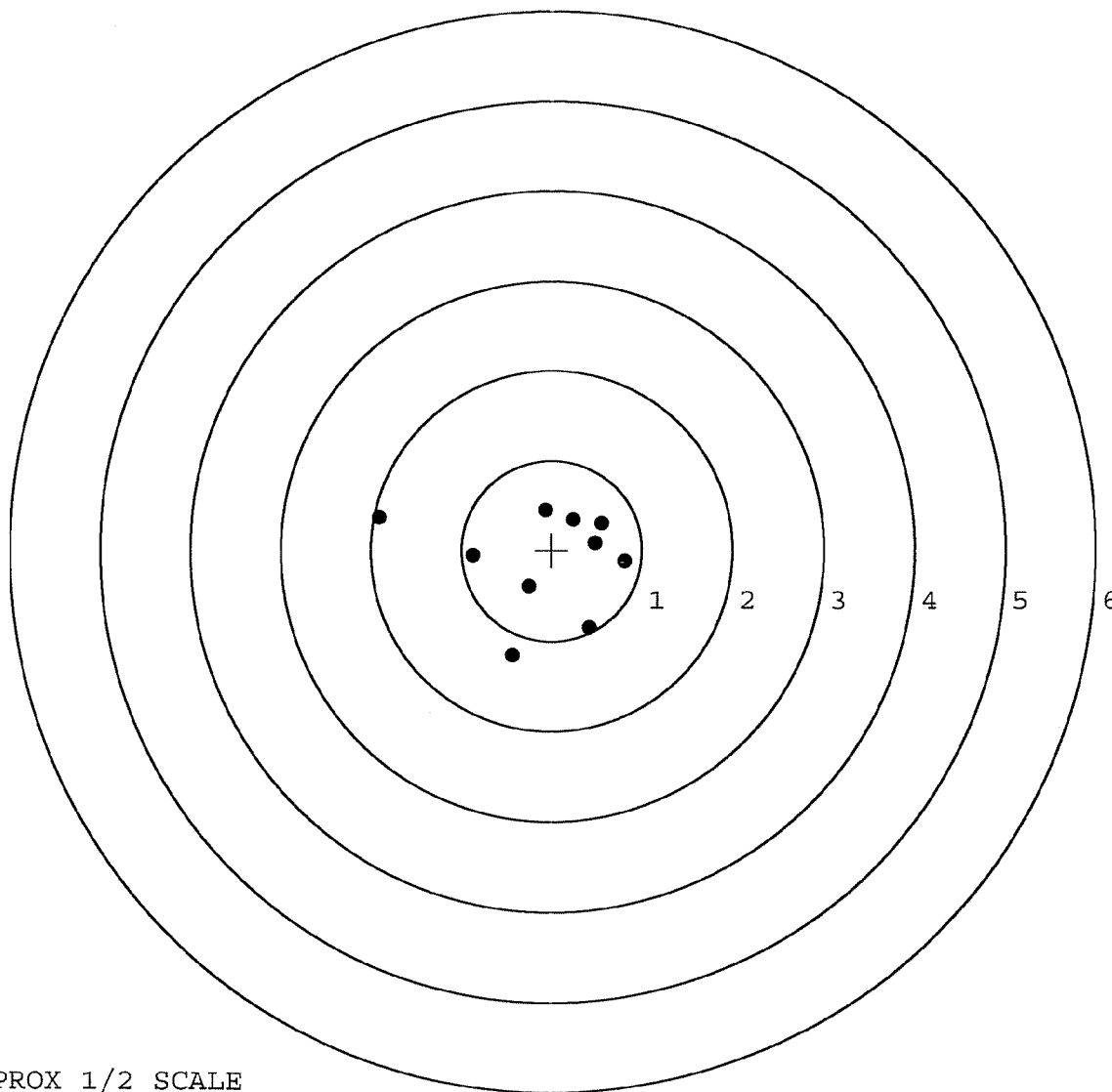
MAX RADIUS: 1.868

MEAN RADIUS: 0.842

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 8

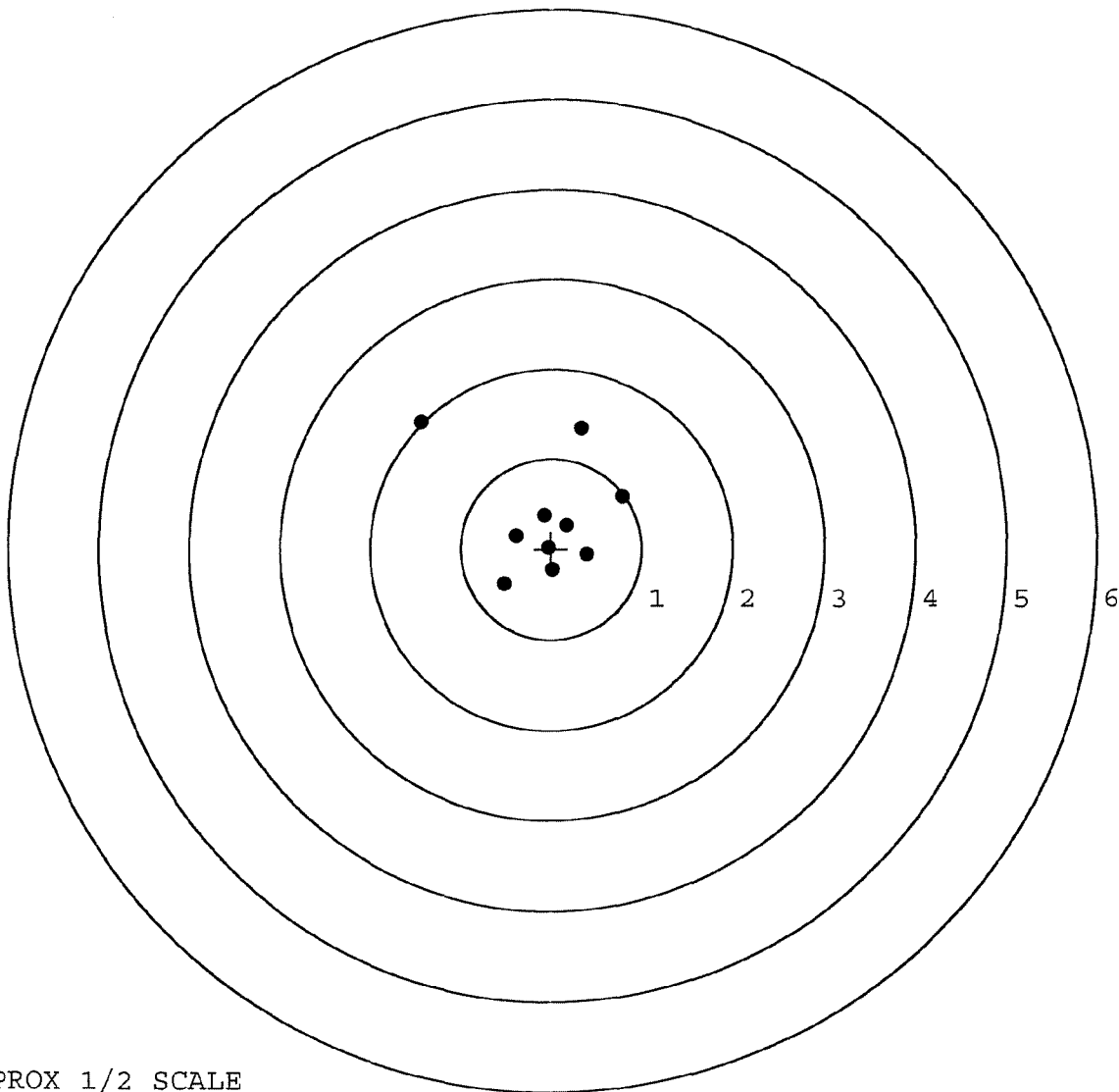
# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

**BARBER - M24 0141163**

|                              |        |        |        |
|------------------------------|--------|--------|--------|
| SERIAL NUMBER: G6623552. __0 | POINT# | X      | Y      |
| TARGET NUMBER: 3             | 1:     | -1.446 | 1.410  |
| FILE DATE: 01/17/2007        | 2:     | 0.333  | 1.339  |
| FILE TIME: 14:33             | 3:     | 0.788  | -0.574 |
|                              | 4:     | -0.522 | -0.393 |
| X CENTROID: -0.077           | 5:     | -0.083 | 0.370  |
| Y CENTROID: 0.340            | 6:     | -0.398 | 0.144  |
| POA TO CENTROID: 0.349       | 7:     | 0.171  | 0.254  |
| HORZ SPREAD: 2.234           | 8:     | 0.396  | -0.073 |
| VERT SPREAD: 1.803           | 9:     | 0.019  | -0.234 |
| GROUP SPREAD: 2.385          | 10:    | -0.032 | 0.011  |
| MIN RADIUS: 0.030            |        |        |        |
| MAX RADIUS: 1.737            |        |        |        |
| MEAN RADIUS: 0.678           |        |        |        |
| # IN 1 IN DIAMETER: 4        |        |        |        |
| # IN 2 IN DIAMETER: 8        |        |        |        |
| # in 3 IN DIAMETER: 9        |        |        |        |



TARGET APPROX 1/2 SCALE

**BARBER - M24 0141164**

SERIAL NUMBER: G6623552. \_\_0

TARGET NUMBER: 4

FILE DATE: 01/17/2007

FILE TIME: 14:33

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.758  | -0.712 |
| 2:     | 0.585  | -0.909 |
| 3:     | 0.291  | -0.773 |
| 4:     | -0.092 | -0.589 |
| 5:     | 0.212  | -0.273 |
| 6:     | 0.573  | 1.115  |
| 7:     | -0.007 | 1.178  |
| 8:     | -0.224 | 0.985  |
| 9:     | -0.187 | 0.644  |
| 10:    | -0.039 | 0.213  |

X CENTROID: 0.187

Y CENTROID: 0.088

POA TO CENTROID: 0.207

HORZ SPREAD: 0.982

VERT SPREAD: 2.087

GROUP SPREAD: 2.169

MIN RADIUS: 0.258

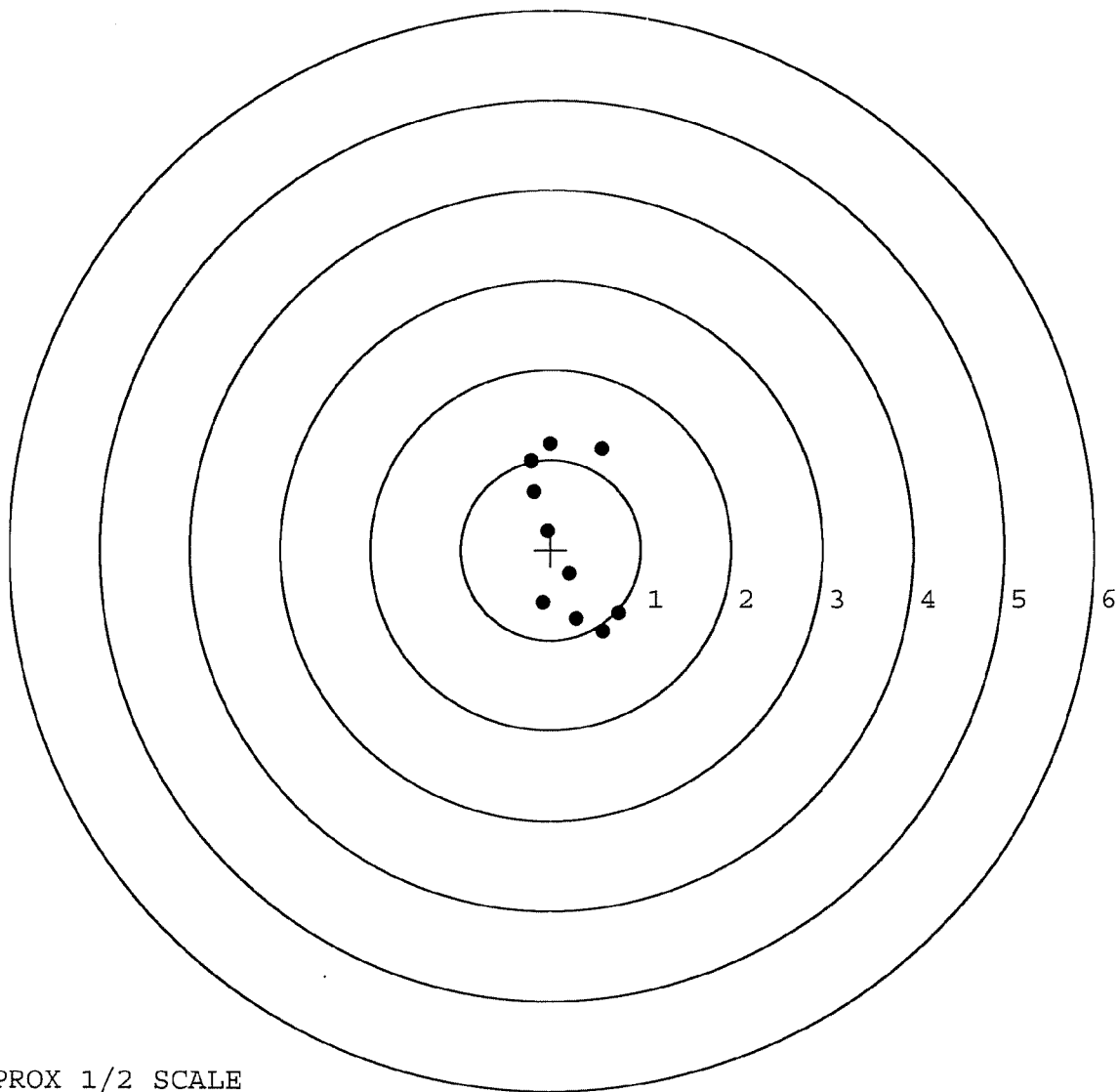
MAX RADIUS: 1.107

MEAN RADIUS: 0.814

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0141165**

SERIAL NUMBER: G6623552. \_\_0

TARGET NUMBER: 5

FILE DATE: 01/17/2007

FILE TIME: 14:33

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.206  | -0.756 |
| 2:     | 0.343  | -0.399 |
| 3:     | 0.984  | -0.056 |
| 4:     | 0.784  | 0.361  |
| 5:     | -1.184 | -0.568 |
| 6:     | -0.613 | -0.163 |
| 7:     | -0.331 | -0.028 |
| 8:     | -0.569 | 0.245  |
| 9:     | -0.185 | 0.742  |
| 10:    | -0.752 | 0.857  |

X CENTROID: -0.132

Y CENTROID: 0.035

POA TO CENTROID: 0.136

HORZ SPREAD: 2.168

VERT SPREAD: 1.613

GROUP SPREAD: 2.256

MIN RADIUS: 0.209

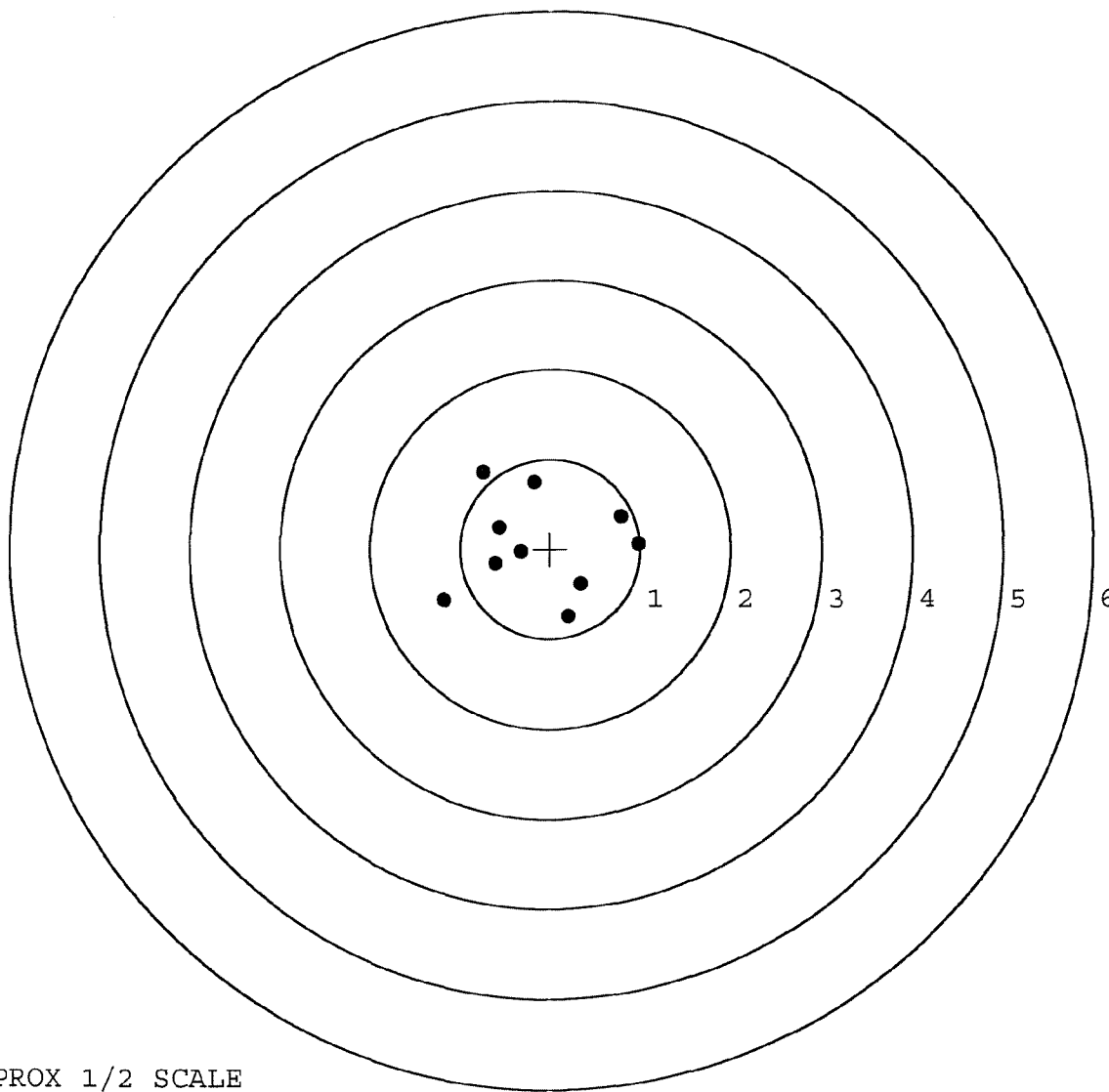
MAX RADIUS: 1.213

MEAN RADIUS: 0.776

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE