

66699791

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

- INSTRUCTION BOOK 3518

**BM FORM**

proof of purchase



owner registration sticker



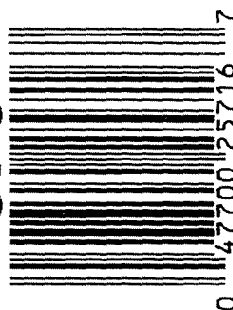
**ORDER NO. 25716**

**BARREL LENGTH 24"**

**CAPACITY 6**

**G6699791**

**UPC**



M-24  
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # 66699791

| OP #         | OPERATION NAME                                                 | READINGS            | DATE    | INITIAL |
|--------------|----------------------------------------------------------------|---------------------|---------|---------|
| 410          | SERIALIZE BOLT HANDLE                                          |                     | 3-5-08  | RTZ     |
| 420          | ASSEMBLE ACTION                                                |                     | 3-5-08  | RTZ     |
| 430          | ASSEMBLE TO STOCK                                              |                     | 3-5-08  | RTZ     |
| 440          | PROOF                                                          | MAGNA-FLUX          | 3-6-08  | TRW     |
| 460          | CHECK HEADSPACE                                                | MAR 3 2008          | 3-6-08  | TRW     |
| 470          | DIS-ASSEMBLE ACTION                                            |                     | 3-6-08  | SD      |
| 480          | MAGNAFLUX BBL ACTION                                           | OPERATOR <u>ams</u> | 3/7/08  | ams     |
| 490          | MAGNAFLUX BOLT                                                 |                     |         |         |
| 500          | ROLLMARK CALIBER                                               |                     | 3-6-08  | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                   |                     | 3-6-08  | TRW     |
| 520          | GOFF BLAST BBL / REC                                           |                     | 3-10-08 | TL      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                              |                     | 3-17-08 | CW      |
|              | (BOLT)                                                         |                     |         |         |
| 560          | RE-ASSEMBLE ACTION                                             |                     | 3-25-08 | SD      |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                            |                     |         |         |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD |                     | 3-25-08 | SD      |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                         |                     | 3-25-08 | SD      |
|              | D) OIL FIRING PIN ASSEMBLY                                     |                     | 3-26-08 | RTZ     |
|              | E) ADJUST TRIGGER PULL<br>TO MIN. SETTING AND<br>STAKE         | 2.50 LBS +/- .5 LBS |         |         |

F004 REV 5/2006

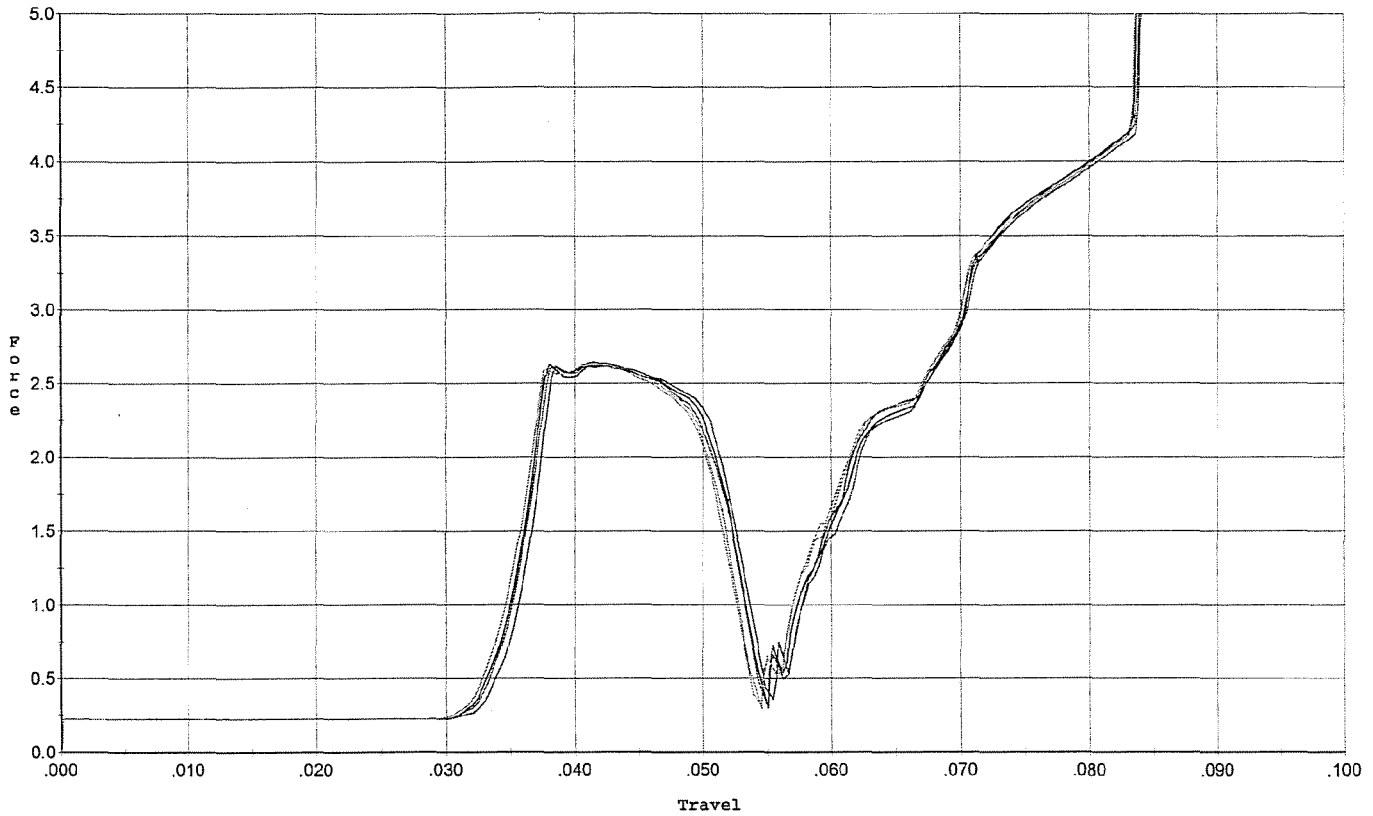
| OP #         | OPERATION NAME                                                           | READINGS                                                    | DATE    | INITIAL |
|--------------|--------------------------------------------------------------------------|-------------------------------------------------------------|---------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>7.25</u> <u>7.25</u> <u>6.75</u>                         | 4-21-08 | TRW     |
| CONT.        |                                                                          |                                                             |         |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>3.75</u> <u>3.6</u> <u>3.0</u>                           | 4-21-08 | TRW     |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             |         |         |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.022</u> <u>.0225</u> <u>.0215</u>                       | 4-21-08 | TRW     |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 3-26-08 | RTZ     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 4-21-08 | TRW     |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 4-22-08 | J.P.D.  |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 4-22-08 | J.P.D.  |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 4-22-08 | J.P.D.  |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 4-16-08 | SD      |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 4-16-08 | J.P.D.  |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 4-21-08 | TRW     |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.79</u> <u>2.85</u> <u>2.65</u> <u>2.73</u> <u>2.75</u> | 4-21-08 | TRW     |
|              | C) FUNCTION                                                              |                                                             |         |         |
| 690          | PACK                                                                     |                                                             | 6/18/08 | FM      |

F004 REV 5/2006

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R, Putch 1/11/08

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



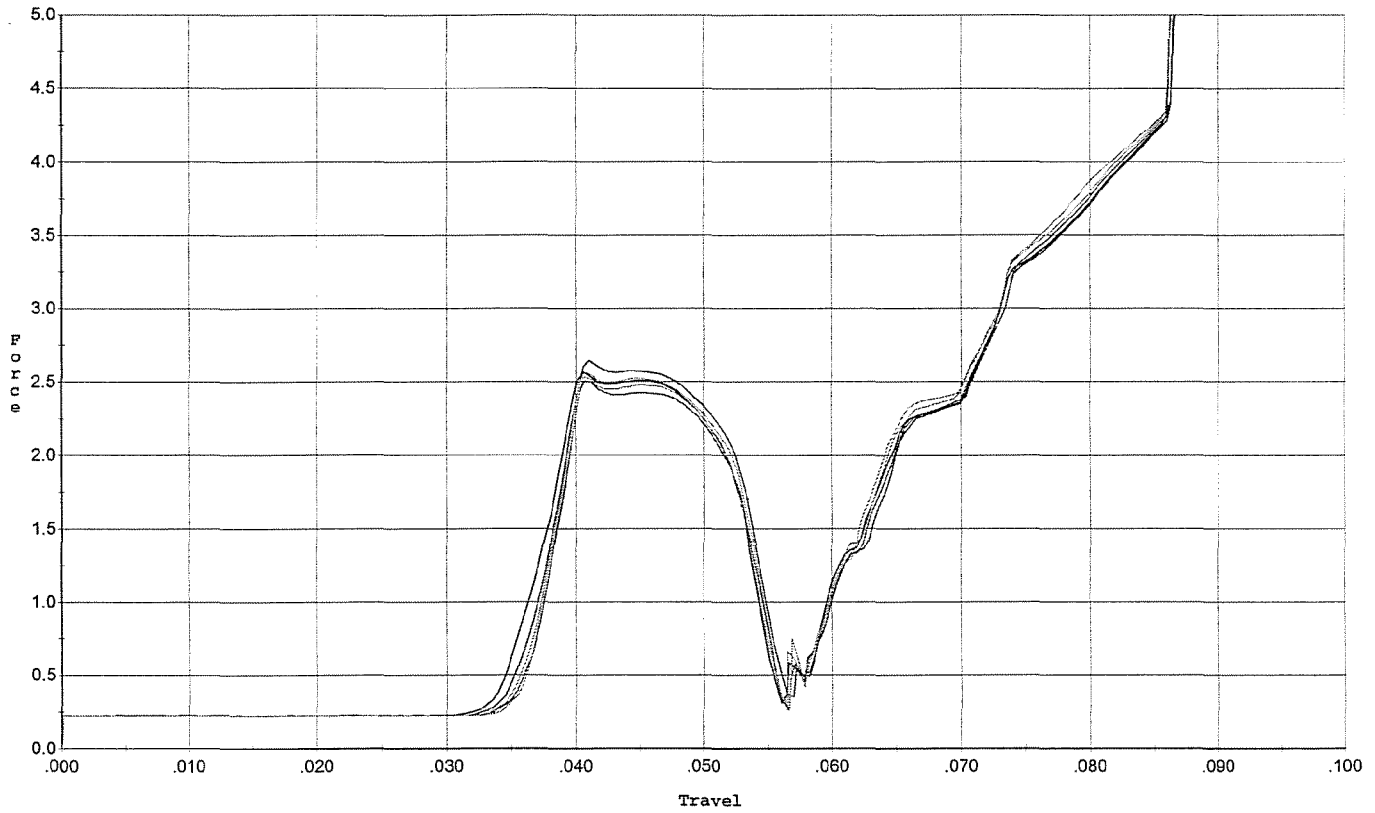
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.645      | 0.053             | 0.033           | 0.036      | 0.049             |           | Set Trigger |
| 2 | 2.631      | 0.052             | 0.033           | 0.036      | 0.049             |           | Set Trigger |
| 3 | 2.624      | 0.052             | 0.033           | 0.037      | 0.048             |           | Set Trigger |
| 4 | 2.628      | 0.052             | 0.032           | 0.037      | 0.048             |           | Set Trigger |
| 5 | 2.640      | 0.052             | 0.032           | 0.037      | 0.048             |           | Set Trigger |

Avg 2.63

# Trigger Profile [ lbs,inch ]

**Profile:** SWS  
**GunType:** Rifle  
**Make:** Remington  
**Note:** R, Putch 1/11/08

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



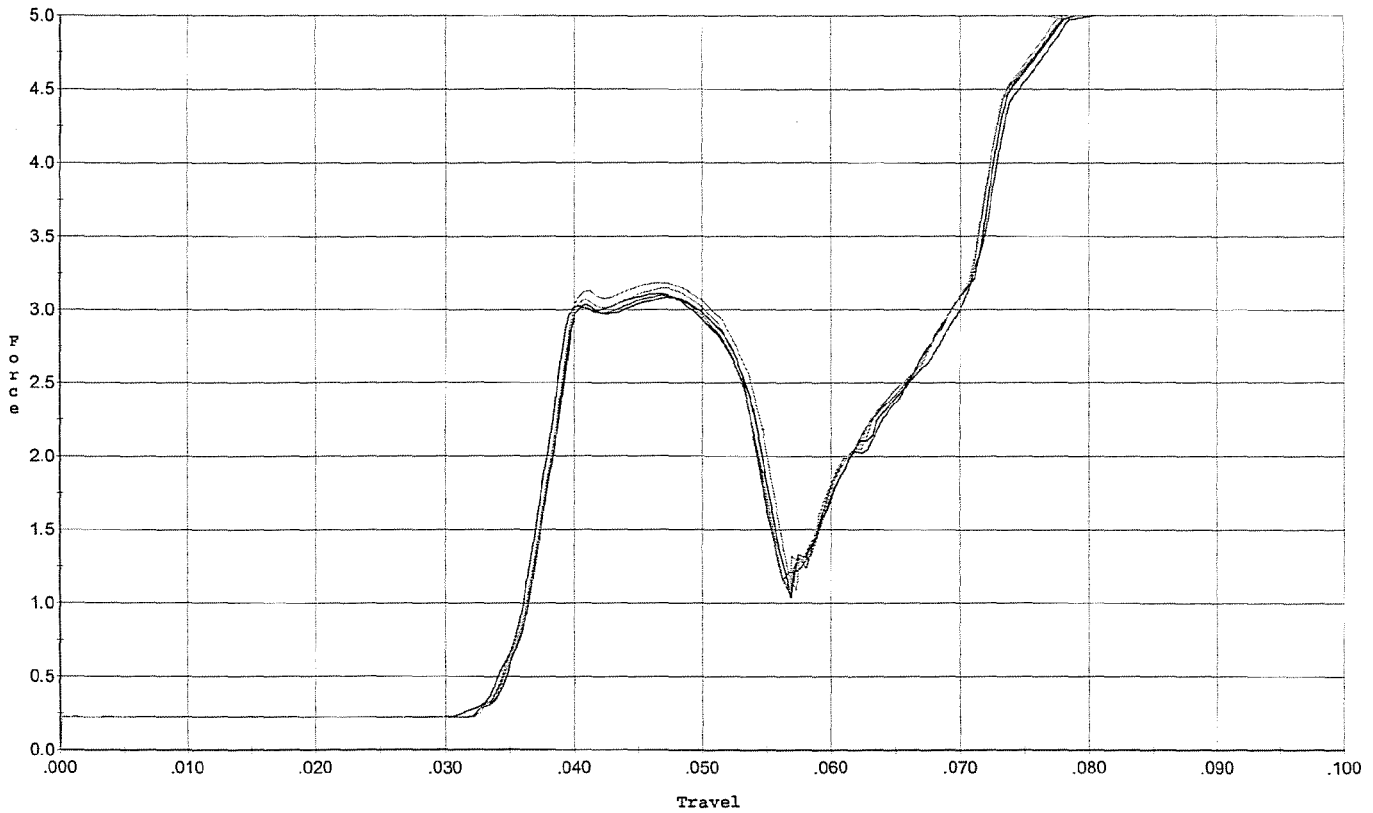
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.645      | 0.053             | 0.035           | 0.038      | 0.047             |           | Set Trigger |
| 2 | 2.569      | 0.053             | 0.034           | 0.038      | 0.047             |           | Set Trigger |
| 3 | 2.504      | 0.054             | 0.035           | 0.038      | 0.045             |           | Set Trigger |
| 4 | 2.566      | 0.054             | 0.035           | 0.038      | 0.046             |           | Set Trigger |
| 5 | 2.536      | 0.053             | 0.036           | 0.038      | 0.044             |           | Set Trigger |

Avg 2.56

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R, Putch 1/11/08

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



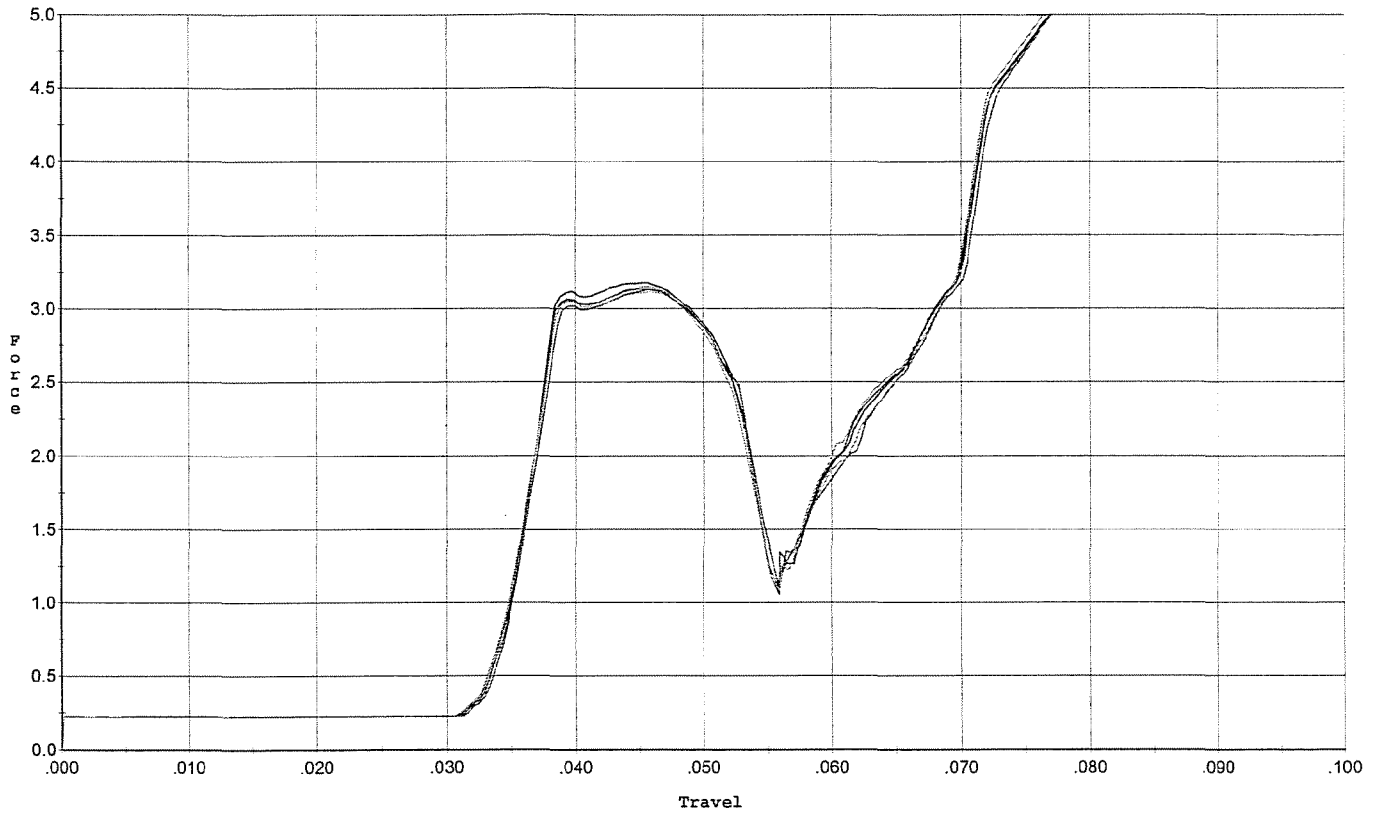
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.107      | 0.053             | 0.034           | 0.037      | 0.058             |           | Set Trigger |
| 2 | 3.082      | 0.054             | 0.034           | 0.036      | 0.058             |           | Set Trigger |
| 3 | 3.099      | 0.055             | 0.034           | 0.036      | 0.059             |           | Set Trigger |
| 4 | 3.145      | 0.055             | 0.034           | 0.036      | 0.060             |           | Set Trigger |
| 5 | 3.185      | 0.055             | 0.034           | 0.036      | 0.061             |           | Set Trigger |

Avg 3.12

# Trigger Profile [ lbs,inch ]

**Profile:** SWS  
**GunType:** Rifle  
**Make:** Remington  
**Note:** R, Putch 1/11/08

**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 | 3.132      | 0.053             | 0.033           | 0.036      | 0.060             |           | Set Trigger |
| 2 | 3.174      | 0.053             | 0.033           | 0.036      | 0.060             |           | Set Trigger |
| 3 | 3.128      | 0.053             | 0.033           | 0.036      | 0.059             |           | Set Trigger |
| 4 | 3.115      | 0.054             | 0.033           | 0.036      | 0.060             |           | Set Trigger |
| 5 | 3.150      | 0.053             | 0.033           | 0.035      | 0.060             |           | Set Trigger |

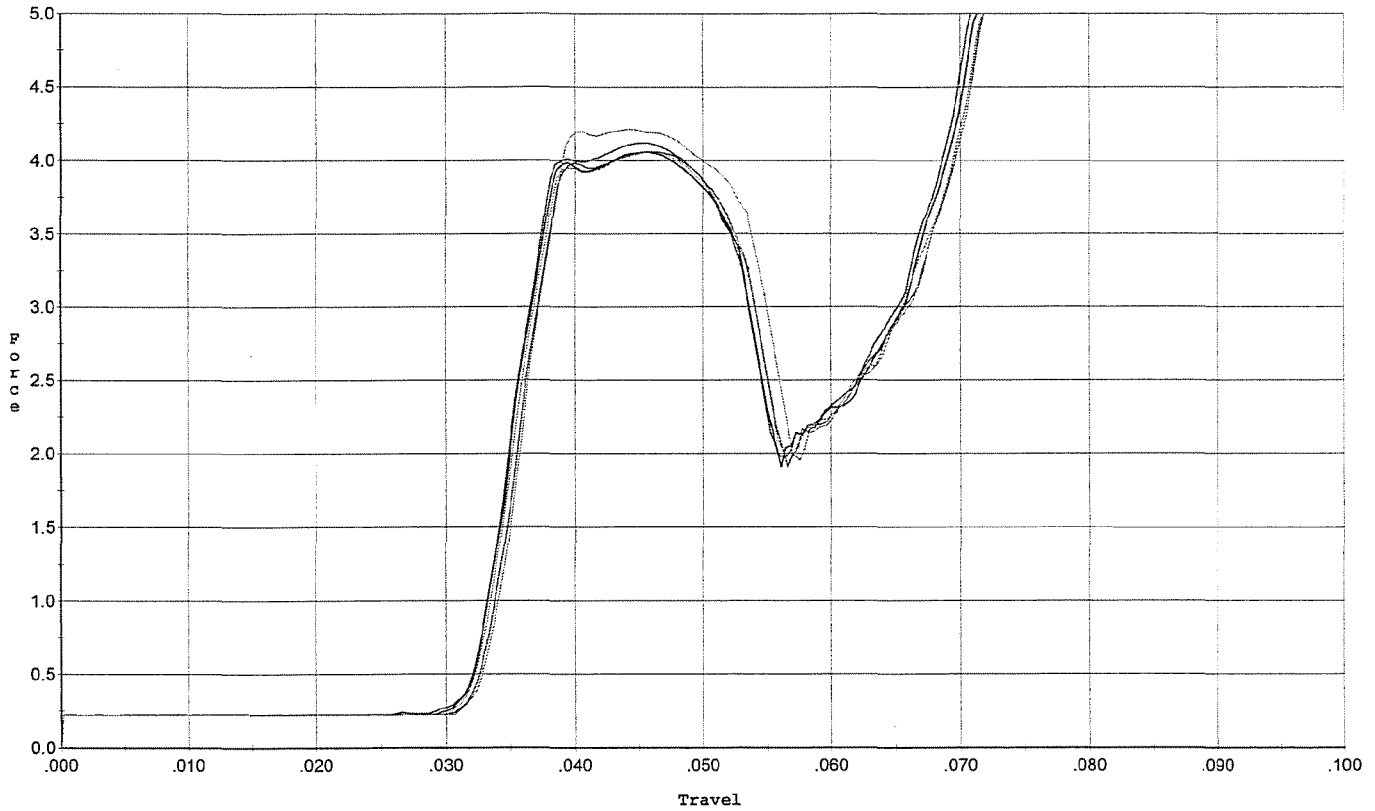
AVG 3.14



# Trigger Profile [ lbs,inch ]

**Profile:** SWS  
**GunType:** Rifle  
**Make:** Remington  
**Note:** R, Putch 1/11/08

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



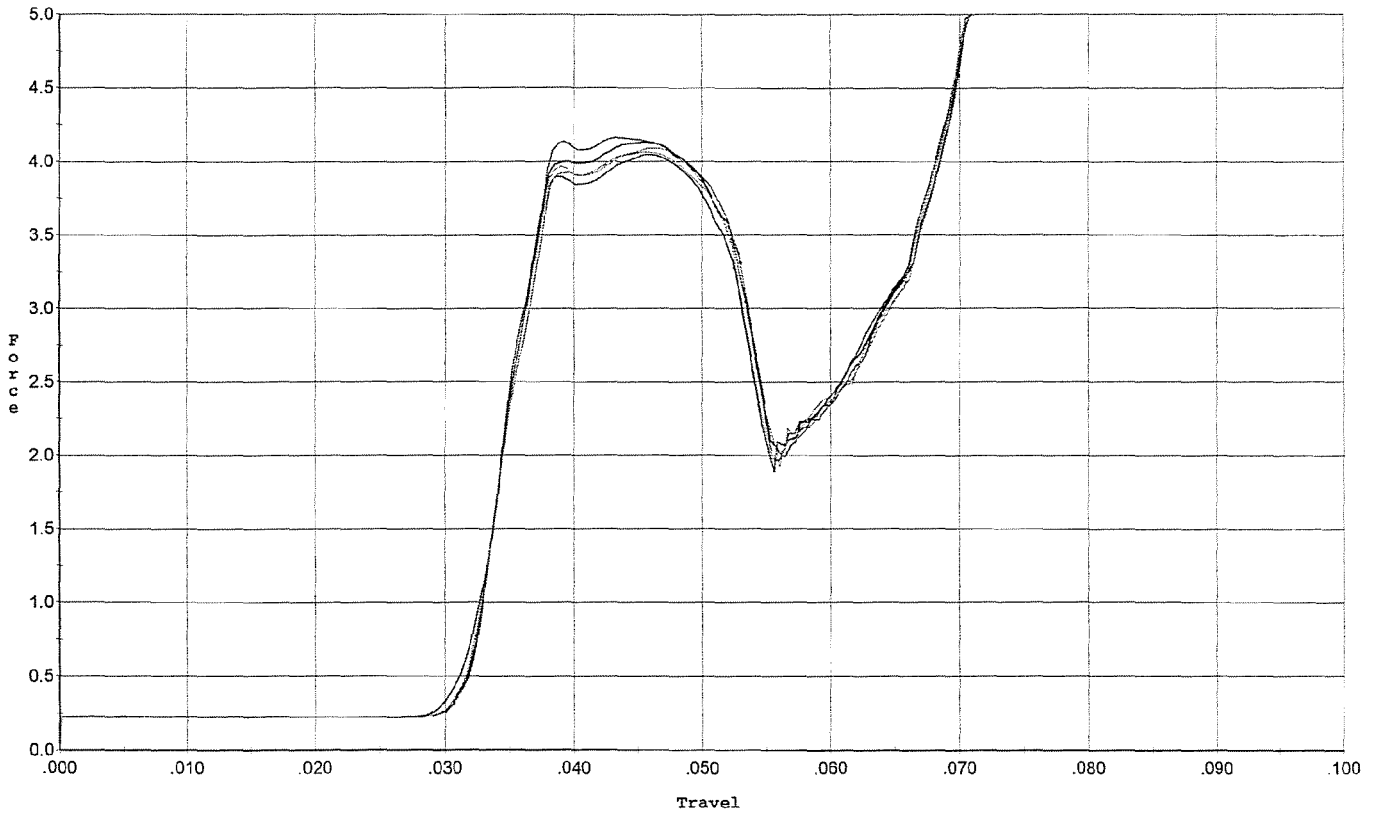
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.121      | 0.053             | 0.032           | 0.029      | 0.081             |           | Set Trigger |
| 2 | 4.058      | 0.053             | 0.032           | 0.029      | 0.080             |           | Set Trigger |
| 3 | 4.062      | 0.054             | 0.032           | 0.029      | 0.080             |           | Set Trigger |
| 4 | 4.058      | 0.054             | 0.032           | 0.029      | 0.081             |           | Set Trigger |
| 5 | 4.213      | 0.055             | 0.032           | 0.028      | 0.085             |           | Set Trigger |

Avg 4.10

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R, Putch 1/11/08

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



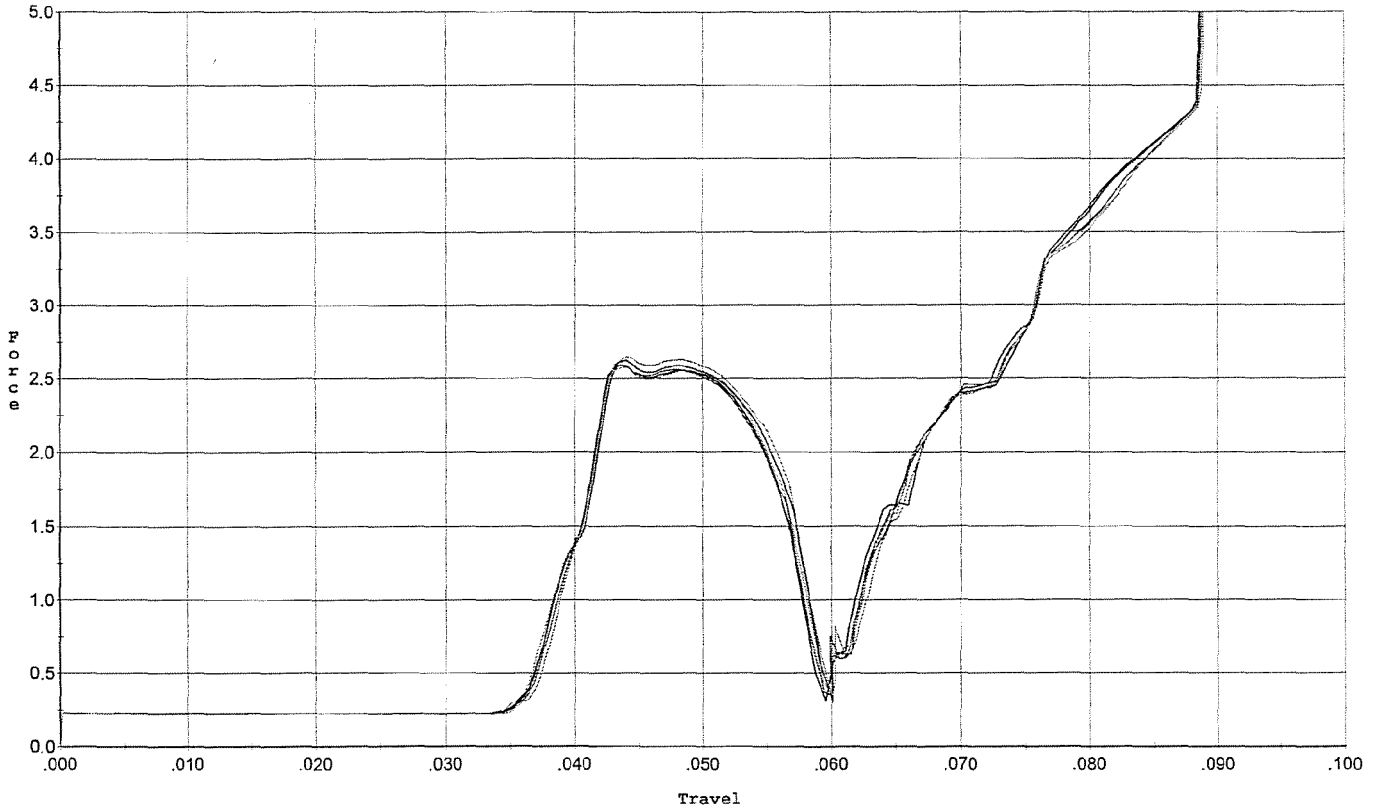
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.049      | 0.053             | 0.031           | 0.029      | 0.079             |           | Set Trigger |
| 2 | 4.134      | 0.053             | 0.031           | 0.028      | 0.082             |           | Set Trigger |
| 3 | 4.165      | 0.053             | 0.031           | 0.028      | 0.083             |           | Set Trigger |
| 4 | 4.066      | 0.052             | 0.031           | 0.028      | 0.079             |           | Set Trigger |
| 5 | 4.091      | 0.053             | 0.031           | 0.028      | 0.081             |           | Set Trigger |

Avg 4.10

# Trigger Profile [ lbs,inch ]

**Profile:** SWS  
**GunType:** Rifle  
**Make:** Remington  
**Note:** R, Putch 1/11/08

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



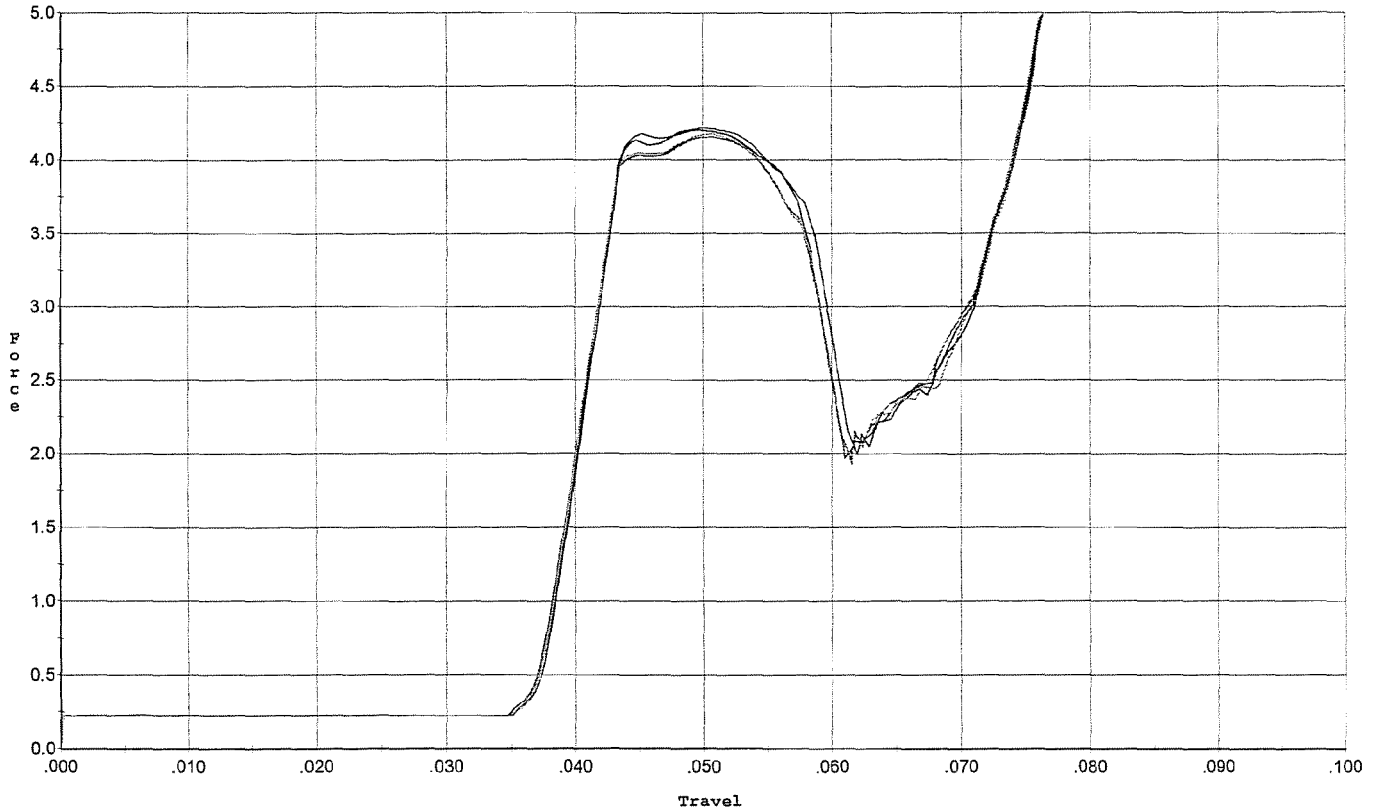
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.623      | 0.057             | 0.036           | 0.038      | 0.051             |           | Set Trigger |
| 2 | 2.591      | 0.057             | 0.037           | 0.038      | 0.050             |           | Set Trigger |
| 3 | 2.588      | 0.056             | 0.037           | 0.038      | 0.049             |           | Set Trigger |
| 4 | 2.570      | 0.058             | 0.036           | 0.038      | 0.051             |           | Set Trigger |
| 5 | 2.645      | 0.057             | 0.037           | 0.038      | 0.051             |           | Set Trigger |

Avg 2.60

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R, Putch 1/11/08

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 | 4.216      | 0.059             | 0.037           | 0.027      | 0.086             |           | Set Trigger |
| 2 | 4.202      | 0.058             | 0.037           | 0.028      | 0.085             |           | Set Trigger |
| 3 | 4.155      | 0.059             | 0.037           | 0.028      | 0.084             |           | Set Trigger |
| 4 | 4.153      | 0.058             | 0.037           | 0.028      | 0.084             |           | Set Trigger |
| 5 | 4.176      | 0.058             | 0.037           | 0.028      | 0.084             |           | Set Trigger |

Avg 4.18

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6699791.\_\_\_0

FILE DATE AND TIME: 04/16/2008 22:38

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.078 |
| The Average Y Centroid of the Five Target Set:              | 0.135  |
| The Average Point of Impact of the Five Target Set:         | 0.156  |
| The Average Mean Radius of the Five Target Set:             | 0.793  |
| The Distance from POA to Centroid Target #1:                | 0.195  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.314  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.449  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.379  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.419  |

SERIAL NUMBER: G6699791. \_\_0

TARGET NUMBER: 1

FILE DATE: 04/16/2008

FILE TIME: 22:38

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.252  | 0.667  |
| 2:     | -0.672 | 0.672  |
| 3:     | -1.036 | 1.269  |
| 4:     | 0.407  | 0.187  |
| 5:     | 0.810  | -0.116 |
| 6:     | 0.484  | -0.855 |
| 7:     | 0.250  | -0.839 |
| 8:     | -0.484 | -0.782 |
| 9:     | 2.014  | 0.490  |
| 10:    | -0.075 | -0.766 |

X CENTROID: 0.195

Y CENTROID: -0.007

POA TO CENTROID: 0.195

HORZ SPREAD: 3.050

VERT SPREAD: 2.124

GROUP SPREAD: 3.148

MIN RADIUS: 0.288

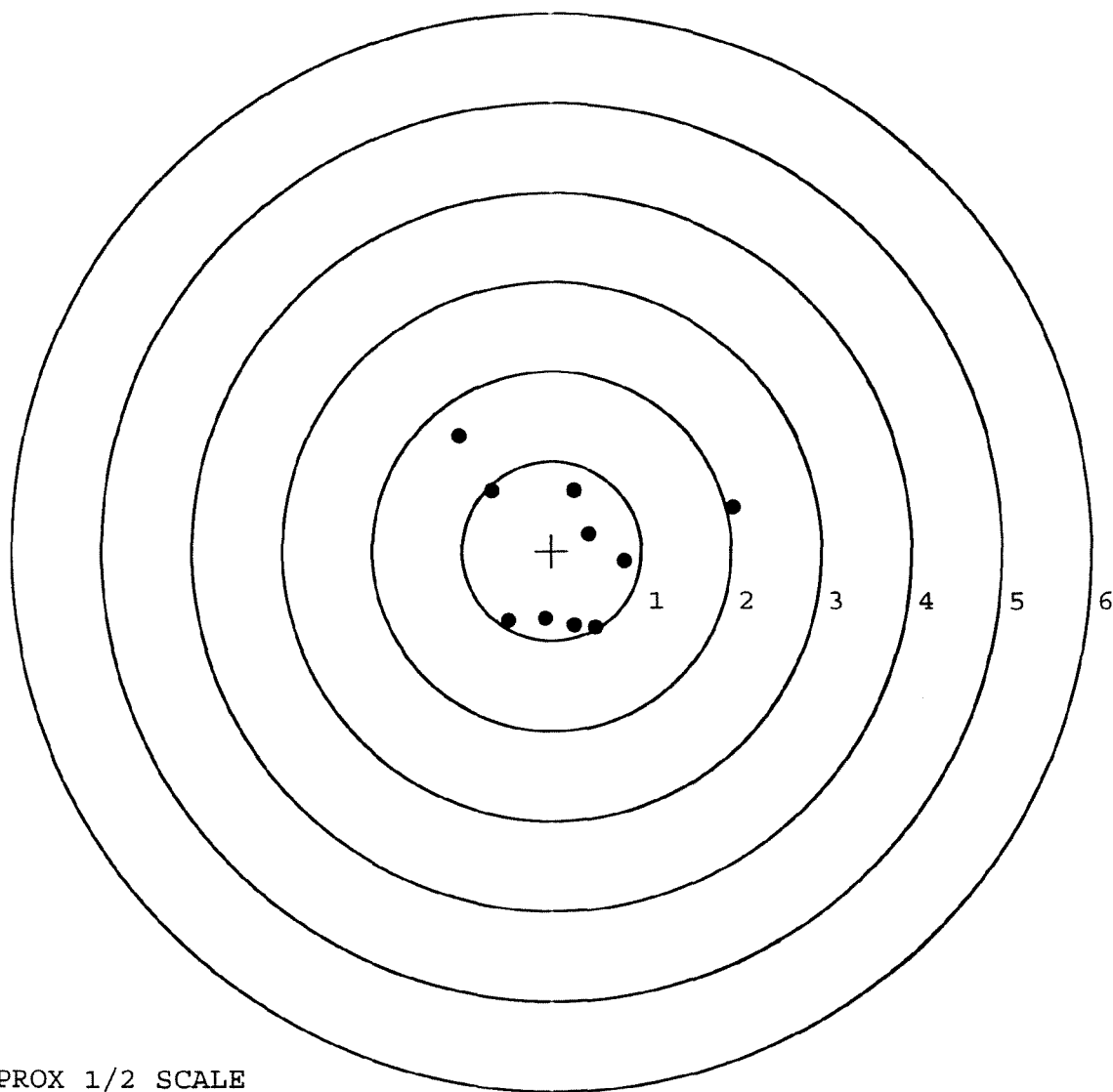
MAX RADIUS: 1.886

MEAN RADIUS: 0.991

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 8

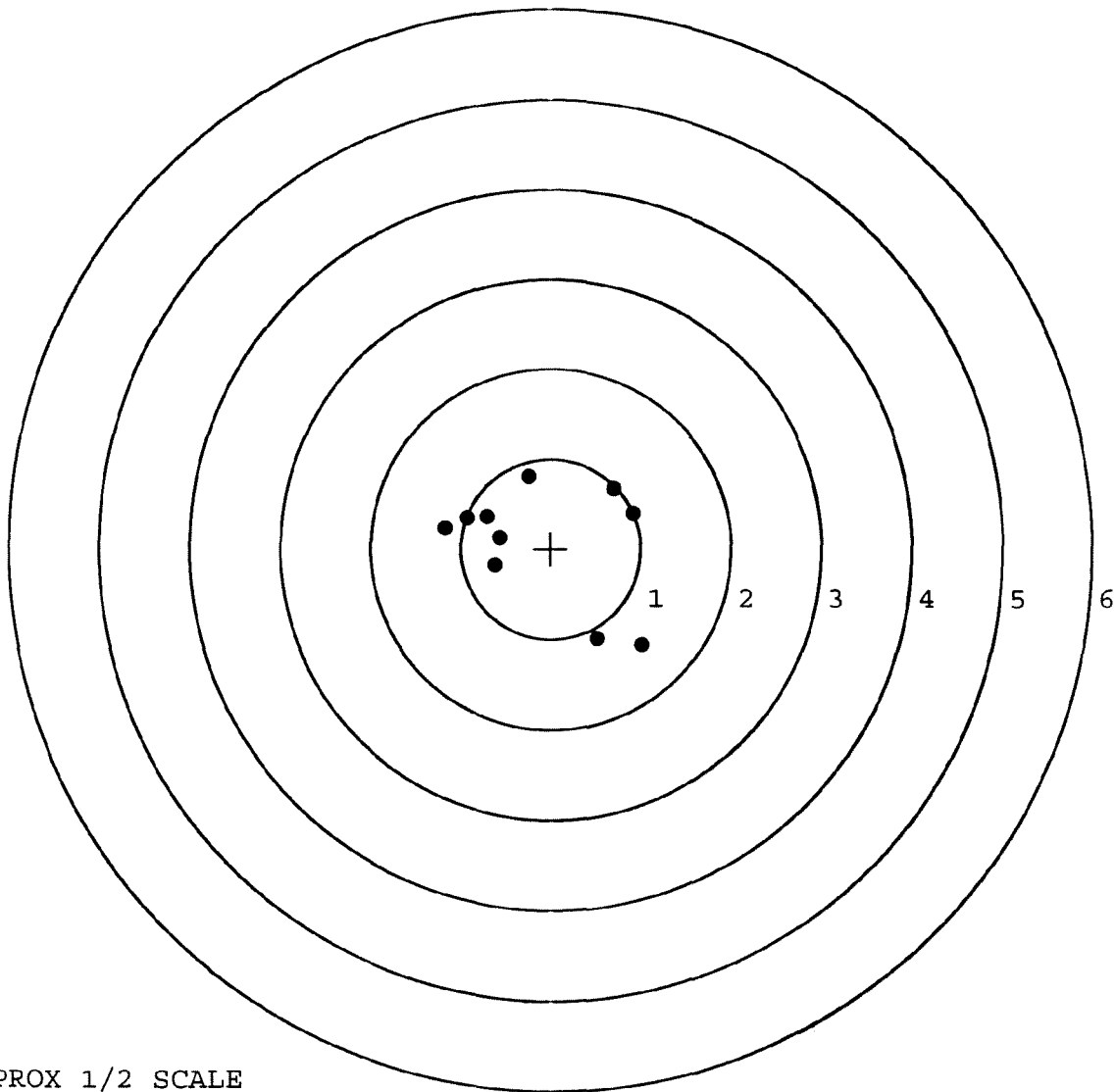


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6699791. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 04/16/2008  
FILE TIME: 22:38

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.245 | 0.802  |
| 2:     | 0.700  | 0.667  |
| 3:     | 0.918  | 0.395  |
| 4:     | 1.012  | -1.073 |
| 5:     | 0.509  | -0.995 |
| 6:     | -0.619 | -0.192 |
| 7:     | -0.567 | 0.121  |
| 8:     | -0.712 | 0.360  |
| 9:     | -0.927 | 0.337  |
| 10:    | -1.175 | 0.222  |

X CENTROID: -0.111  
Y CENTROID: 0.064  
POA TO CENTROID: 0.128  
HORZ SPREAD: 2.187  
VERT SPREAD: 1.875  
GROUP SPREAD: 2.542  
MIN RADIUS: 0.460  
MAX RADIUS: 1.598  
MEAN RADIUS: 0.930  
# IN 1 IN DIAMETER: 1  
# IN 2 IN DIAMETER: 5  
# in 3 IN DIAMETER: 9

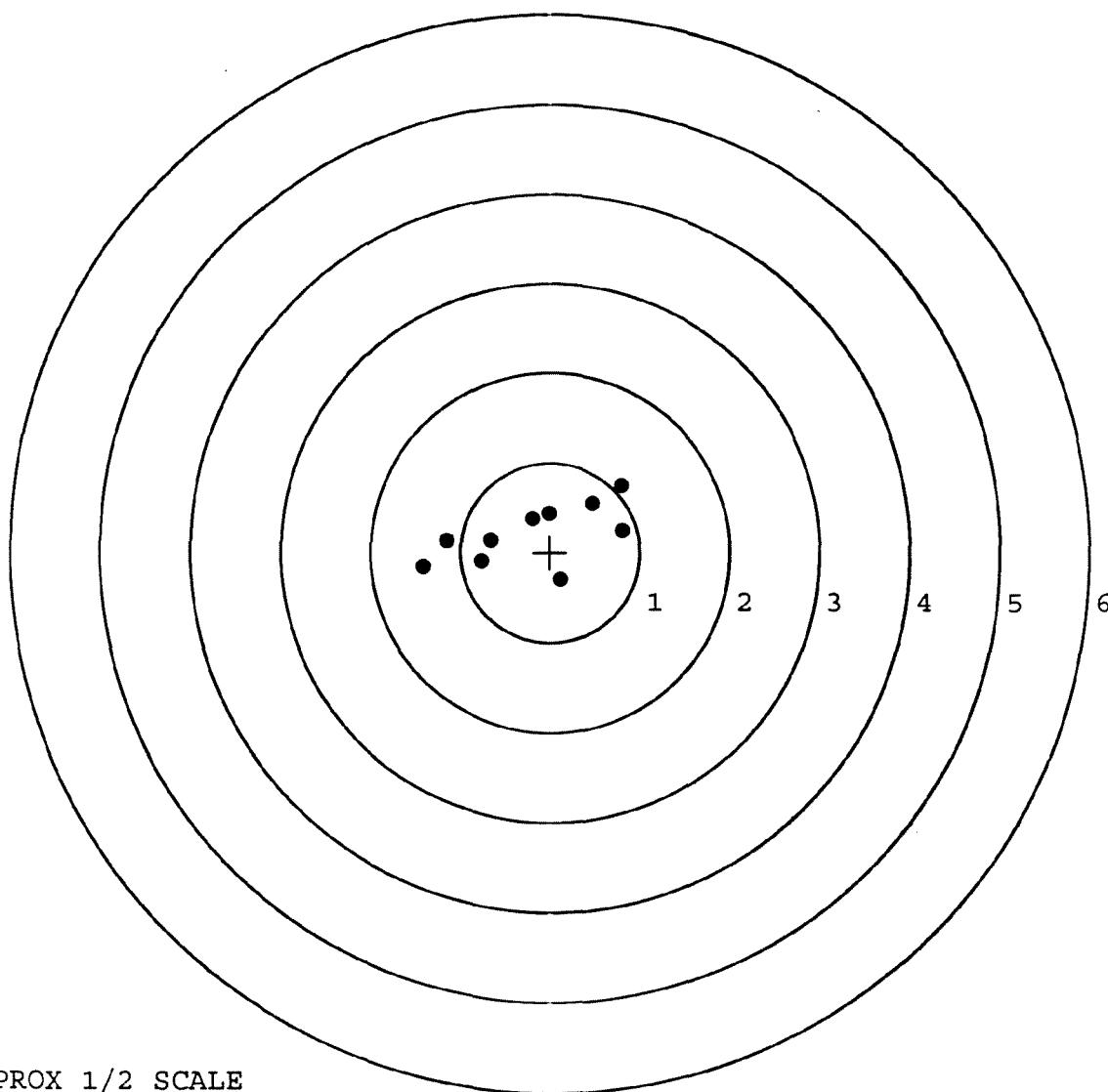


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6699791. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 04/16/2008  
FILE TIME: 22:38

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.795  | 0.749  |
| 2:     | 0.472  | 0.551  |
| 3:     | 0.806  | 0.245  |
| 4:     | -0.016 | 0.438  |
| 5:     | 0.119  | -0.302 |
| 6:     | -0.666 | 0.135  |
| 7:     | -0.761 | -0.102 |
| 8:     | -1.160 | 0.121  |
| 9:     | -1.411 | -0.172 |
| 10:    | -0.194 | 0.374  |

X CENTROID: -0.202  
Y CENTROID: 0.204  
POA TO CENTROID: 0.287  
HORZ SPREAD: 2.217  
VERT SPREAD: 1.051  
GROUP SPREAD: 2.391  
MIN RADIUS: 0.170  
MAX RADIUS: 1.266  
MEAN RADIUS: 0.731  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE



SERIAL NUMBER: G6699791. 0

TARGET NUMBER: 4

FILE DATE: 04/16/2008

FILE TIME: 22:38

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.350 | 0.910  |
| 2:     | -0.190 | 0.682  |
| 3:     | -0.079 | 0.220  |
| 4:     | -0.590 | 0.451  |
| 5:     | -0.527 | -0.196 |
| 6:     | -0.519 | -0.436 |
| 7:     | -1.154 | -0.085 |
| 8:     | 0.794  | 0.343  |
| 9:     | 0.301  | -0.159 |
| 10:    | 0.789  | -0.287 |

X CENTROID: -0.153

Y CENTROID: 0.144

POA TO CENTROID: 0.210

HORZ SPREAD: 1.948

VERT SPREAD: 1.346

GROUP SPREAD: 1.953

MIN RADIUS: 0.106

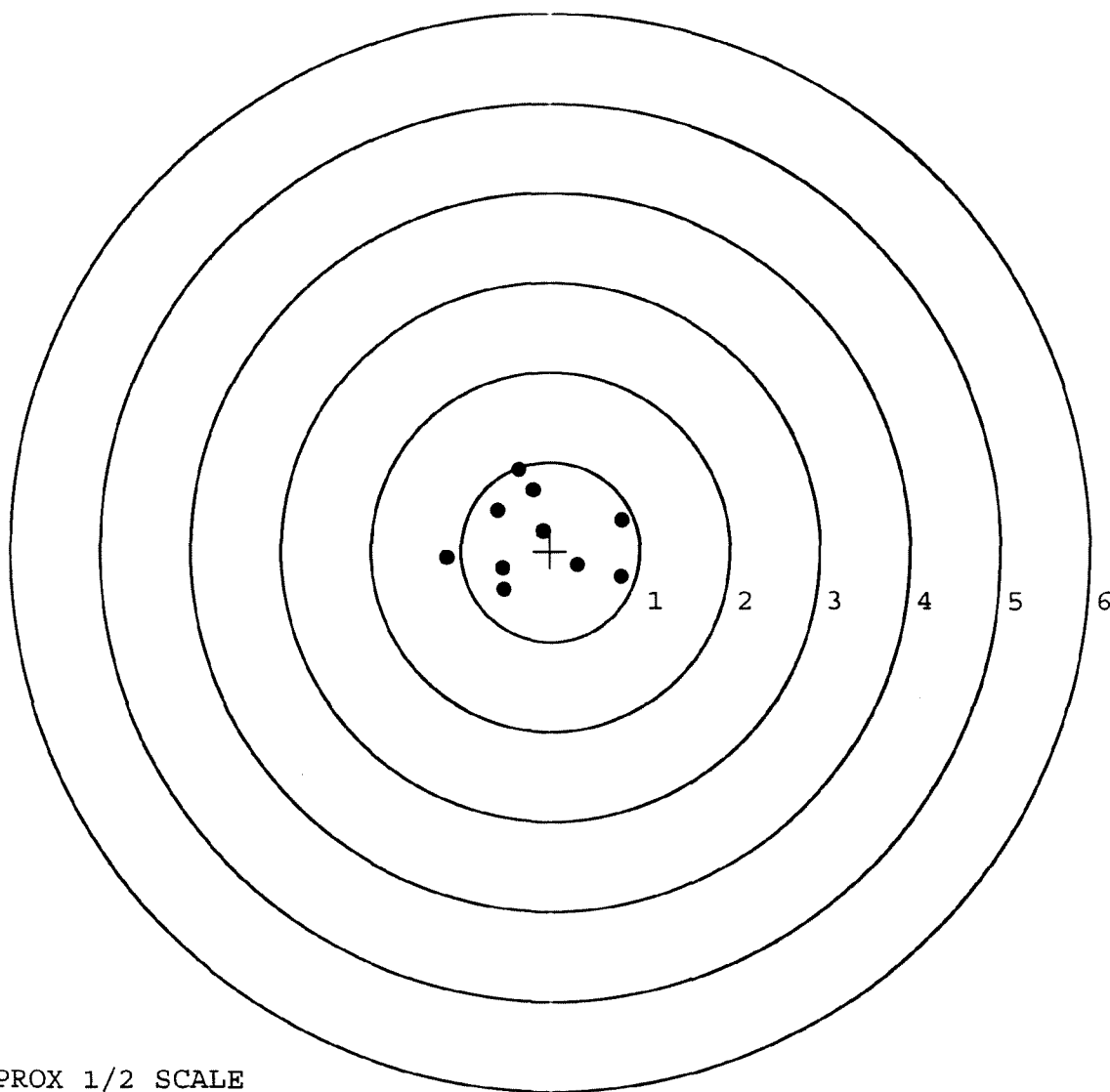
MAX RADIUS: 1.036

MEAN RADIUS: 0.674

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6699791. \_\_0

TARGET NUMBER: 5

FILE DATE: 04/16/2008

FILE TIME: 22:38

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.842 | 0.874  |
| 2:     | -0.071 | 0.678  |
| 3:     | -0.126 | 0.266  |
| 4:     | -0.309 | 0.467  |
| 5:     | -0.465 | 0.338  |
| 6:     | -0.507 | -0.057 |
| 7:     | -1.172 | 0.330  |
| 8:     | 0.268  | 0.257  |
| 9:     | 0.804  | -0.040 |
| 10:    | 1.217  | -0.420 |

X CENTROID: -0.120

Y CENTROID: 0.269

POA TO CENTROID: 0.295

HORZ SPREAD: 2.389

VERT SPREAD: 1.294

GROUP SPREAD: 2.504

MIN RADIUS: 0.007

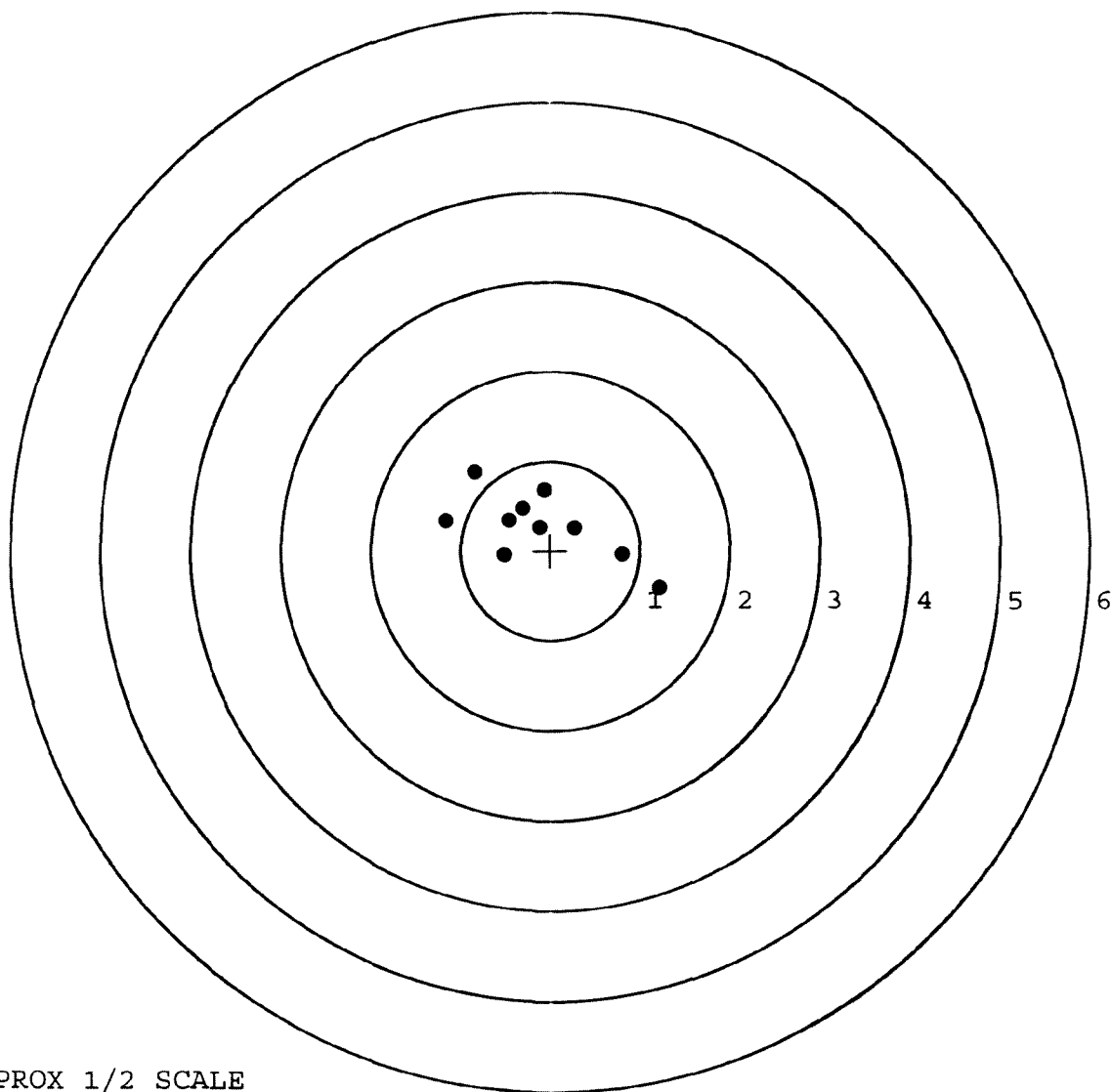
MAX RADIUS: 1.504

MEAN RADIUS: 0.641

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE