

56637691

**ORDER 25716**

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

**UPC**



0 47700 25716 7

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M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

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0 47700 25716 7

SERIAL NO.



66637691

**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



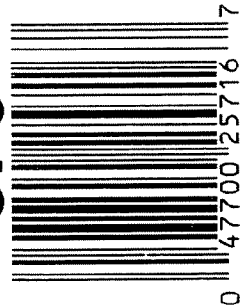
owner registration sticker



|               |              |
|---------------|--------------|
| ORDER NO.     | <b>25716</b> |
| BARREL LENGTH | 24"          |
| CAPACITY      | 6            |

**G6637691**

**UPC**



GUN SERIAL # G 663 7691

| OP #         | OPERATION NAME                                                                                                                         | READINGS            | DATE    | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------|---------|
| 410          | SERIALIZE BOLT HANDLE                                                                                                                  |                     | 4-13-07 | RTZ     |
| 420          | ASSEMBLE ACTION                                                                                                                        |                     | 4/13/07 | PPD     |
| 430          | ASSEMBLE TO STOCK                                                                                                                      |                     | 4-16-07 | TRW     |
| 440          | PROOF                                                                                                                                  | MAGNA FLUX          | 4-16-07 | FM      |
| 460          | CHECK HEADSPACE                                                                                                                        | APR 19 2007         | 4-16-07 | FM      |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    |                     | 4-16-07 | RTZ     |
| 480          | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR <u>CPD</u> | 4-19-07 | APD     |
| 490          | MAGNAFLUX BOLT                                                                                                                         |                     |         |         |
| 500          | ROLLMARK CALIBER                                                                                                                       |                     | 4-19-07 | CLD     |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                     | 4-18-07 | SD      |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                     | 4/19/07 | ms      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                     |         |         |
|              | (BOLT)                                                                                                                                 |                     | 4/25/07 | WJ      |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                     | 4-25-07 | SD      |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                     |         |         |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                     | 4-25-07 | SD      |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                     | 4-25-07 | SD      |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                     | 4/26/07 | PPD     |
|              | 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> |                     | 6/8/07  | ms      |

F004 REV 5/2006

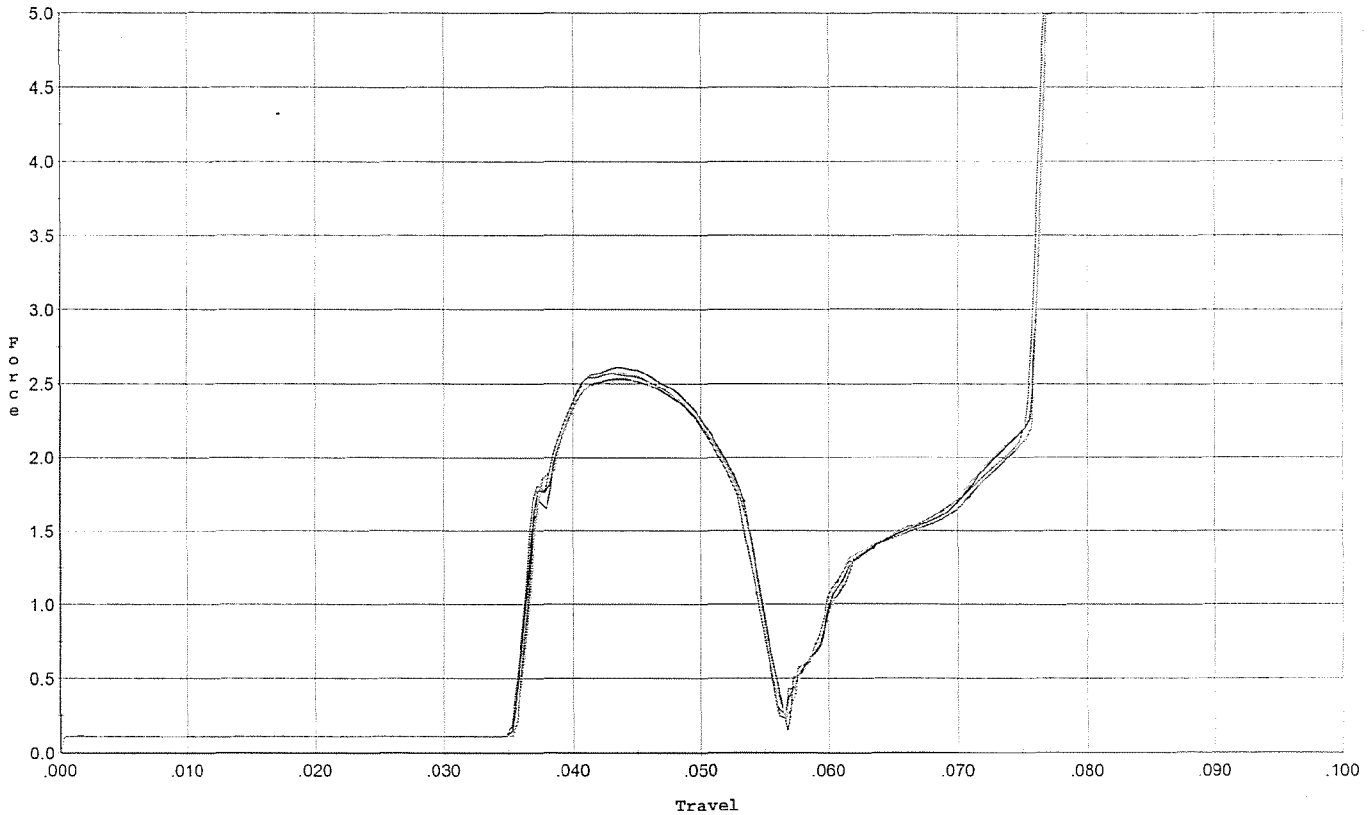
| OP #         | OPERATION NAME                                                           | READINGS                                                    | DATE    | INITIAL |
|--------------|--------------------------------------------------------------------------|-------------------------------------------------------------|---------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>9.0</u> <u>9.25</u> <u>8.75</u>                          | 5-21-07 | TRW     |
| CONT         | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>2.75</u> <u>3.0</u> <u>3.25</u>                          | 5-21-07 | TRW     |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             | 6/8/07  | TRW     |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.023<sup>5</sup></u> <u>.023<sup>5</sup></u> <u>.023</u> | 5-21-07 | TRW     |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 4/26/07 | SP.H    |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 6-13-07 | SP.H    |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 6/8/07  | TRW     |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 6/8/07  | TRW     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 6/8/07  | TRW     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 4-27-07 | TRW     |
|              | MALFUNCTION                                                              | CORRECTION                                                  | N/A     |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 4-27-07 | TRW     |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 6/8/07  | TRW     |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.37</u> <u>2.38</u> <u>2.29</u> <u>2.30</u> <u>2.20</u> | 5-21-07 | TRW     |
|              | C) FUNCTION                                                              |                                                             | 6/8/07  | TRW     |
| 690          | PACK                                                                     |                                                             | 6-15-07 | TRW     |

F004 REV 5/2006

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 4/26/07

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



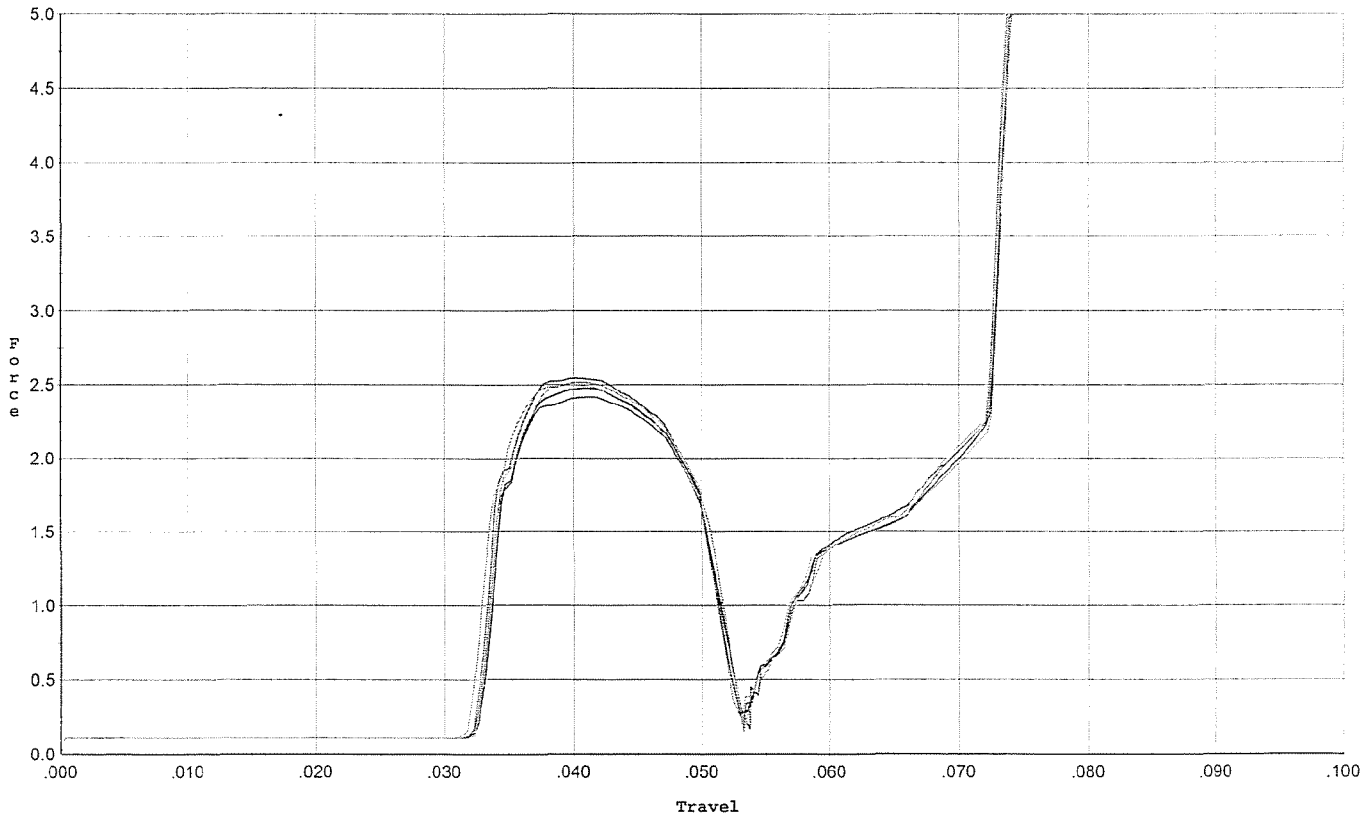
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.610      | 0.053             | 0.036           | 0.031      | 0.043             |           | Set Trigger |
| 2 | 2.533      | 0.054             | 0.036           | 0.031      | 0.043             |           | Set Trigger |
| 3 | 2.569      | 0.054             | 0.035           | 0.030      | 0.044             |           | Set Trigger |
| 4 | 2.576      | 0.054             | 0.036           | 0.030      | 0.043             |           | Set Trigger |
| 5 | 2.525      | 0.054             | 0.036           | 0.031      | 0.043             |           | Set Trigger |

AVG 2.56

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 4/26/07

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



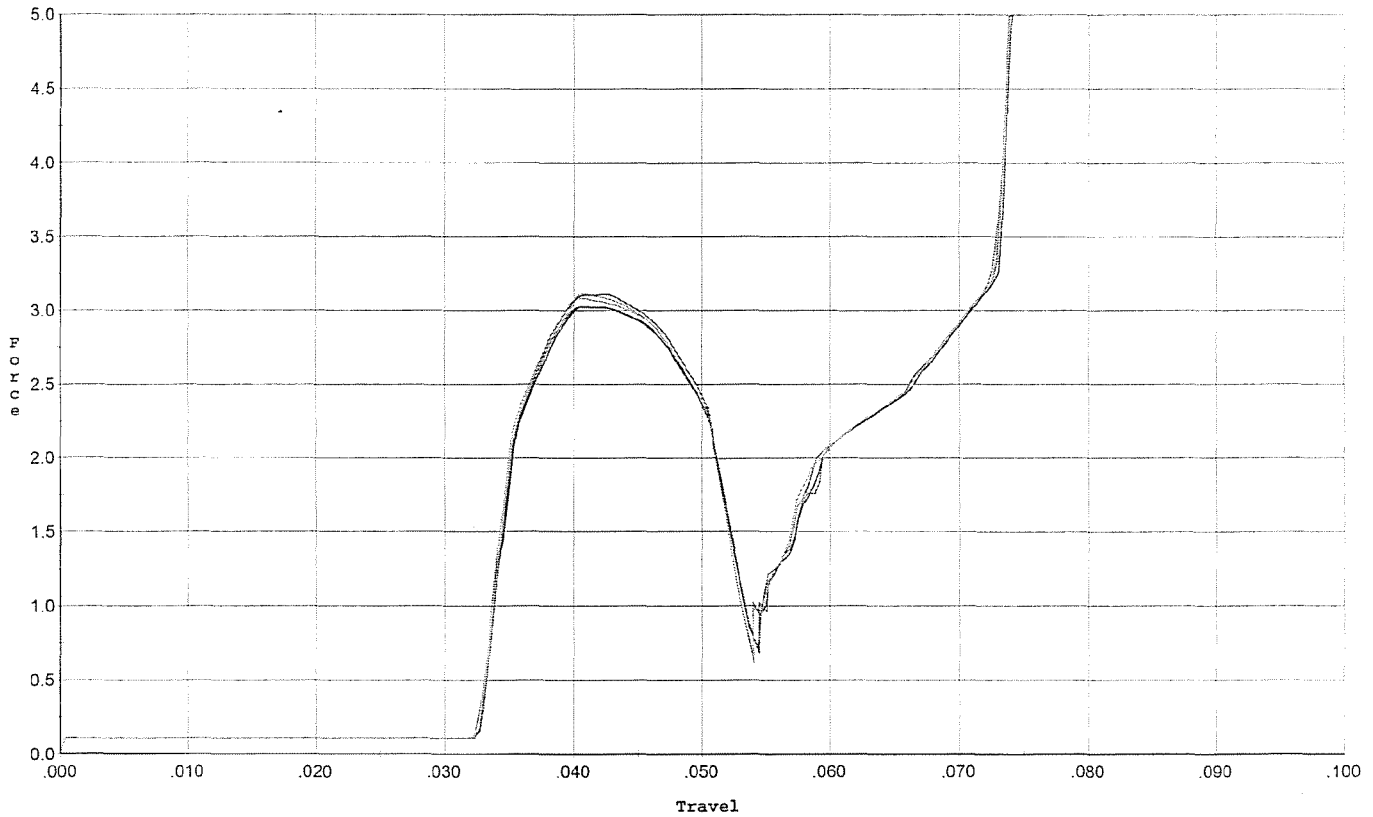
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.418      | 0.050             | 0.033           | 0.031      | 0.040             |           | Set Trigger |
| 2 | 2.476      | 0.051             | 0.033           | 0.031      | 0.042             |           | Set Trigger |
| 3 | 2.547      | 0.050             | 0.033           | 0.031      | 0.042             |           | Set Trigger |
| 4 | 2.499      | 0.050             | 0.032           | 0.031      | 0.042             |           | Set Trigger |
| 5 | 2.517      | 0.051             | 0.033           | 0.031      | 0.042             |           | Set Trigger |

Aug 2.49

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 4/26/07

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



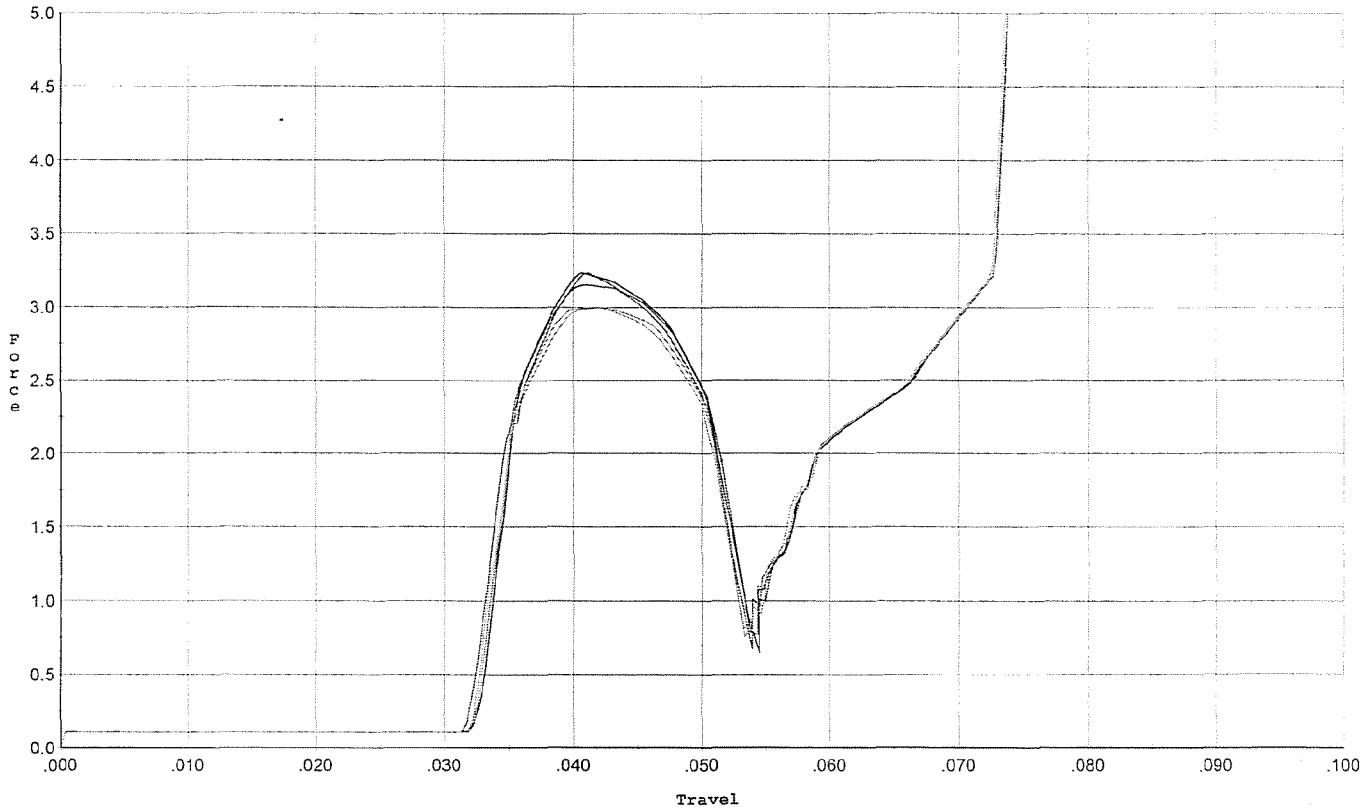
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.026      | 0.051             | 0.033           | 0.030      | 0.050             |           | Set Trigger |
| 2 | 3.027      | 0.051             | 0.033           | 0.030      | 0.049             |           | Set Trigger |
| 3 | 3.112      | 0.050             | 0.033           | 0.030      | 0.051             |           | Set Trigger |
| 4 | 3.085      | 0.051             | 0.033           | 0.030      | 0.050             |           | Set Trigger |
| 5 | 3.116      | 0.051             | 0.033           | 0.030      | 0.051             |           | Set Trigger |

Aug 3.07

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 4/26/07

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



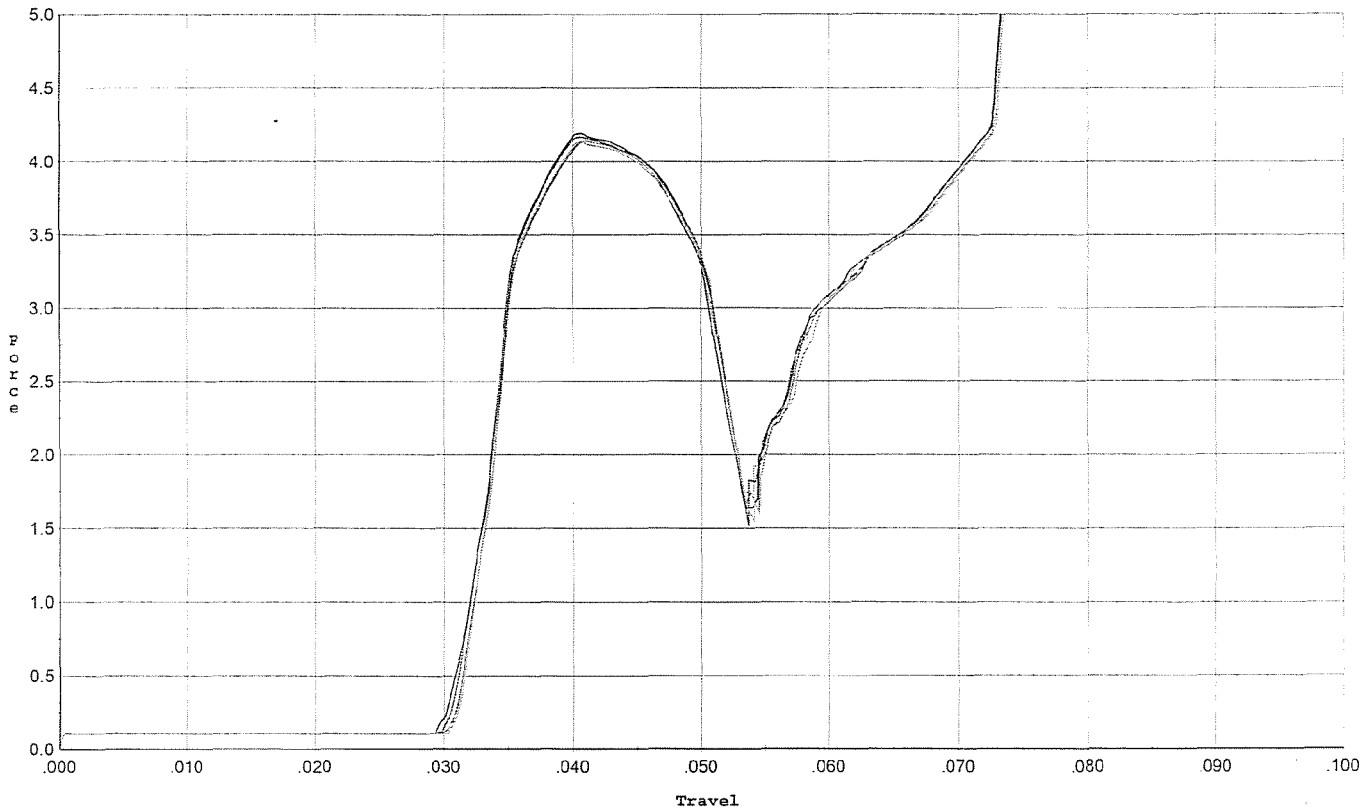
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.150      | 0.052             | 0.032           | 0.029      | 0.054             |           | Set Trigger |
| 2 | 3.234      | 0.050             | 0.033           | 0.030      | 0.052             |           | Set Trigger |
| 3 | 3.235      | 0.051             | 0.032           | 0.029      | 0.052             |           | Set Trigger |
| 4 | 3.001      | 0.051             | 0.032           | 0.029      | 0.051             |           | Set Trigger |
| 5 | 2.999      | 0.051             | 0.033           | 0.030      | 0.050             |           | Set Trigger |

AVG 3.12

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 4/26/07

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



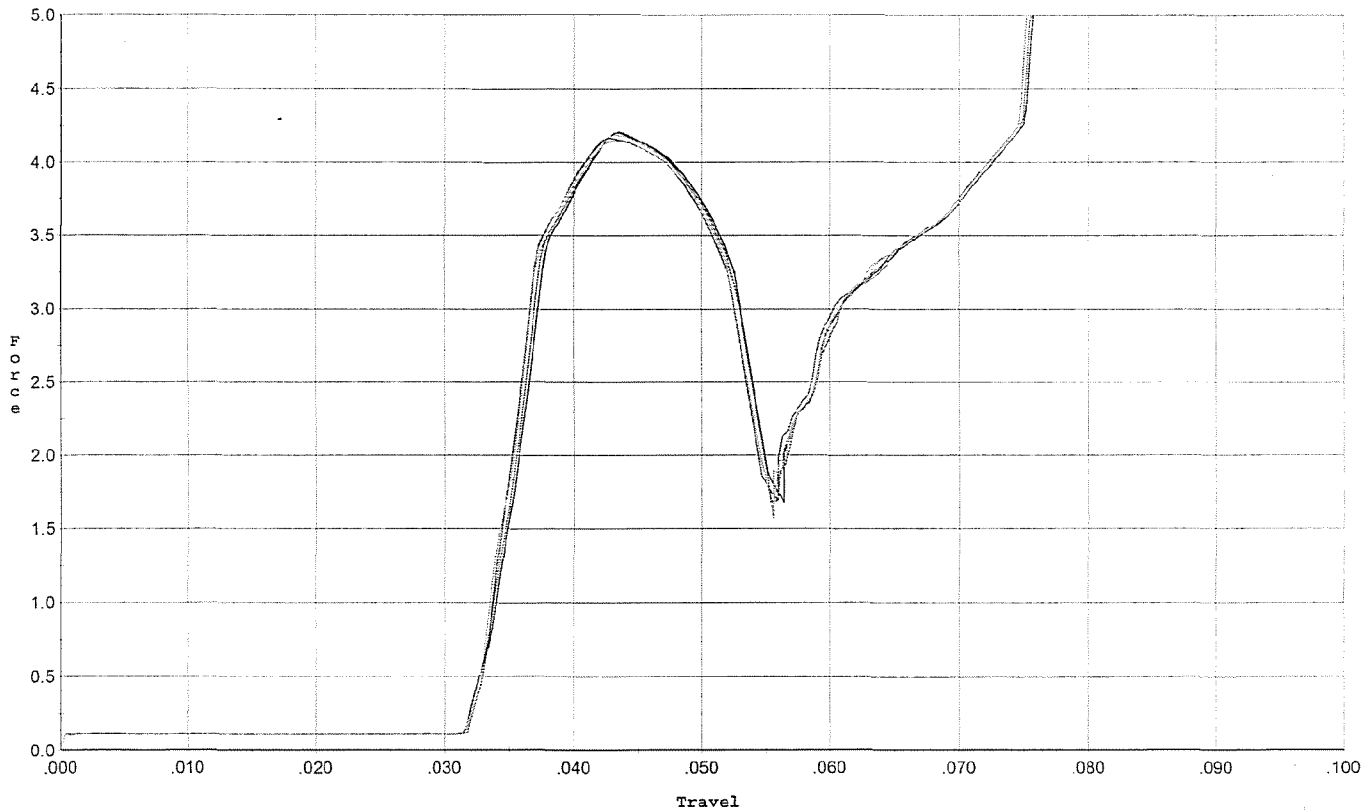
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.168      | 0.050             | 0.030           | 0.028      | 0.070             |           | Set Trigger |
| 2 | 4.194      | 0.051             | 0.030           | 0.027      | 0.072             |           | Set Trigger |
| 3 | 4.141      | 0.051             | 0.031           | 0.028      | 0.071             |           | Set Trigger |
| 4 | 4.142      | 0.051             | 0.031           | 0.028      | 0.071             |           | Set Trigger |
| 5 | 4.131      | 0.051             | 0.031           | 0.028      | 0.071             |           | Set Trigger |

AVG 4.15

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putsch 4/26/07

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



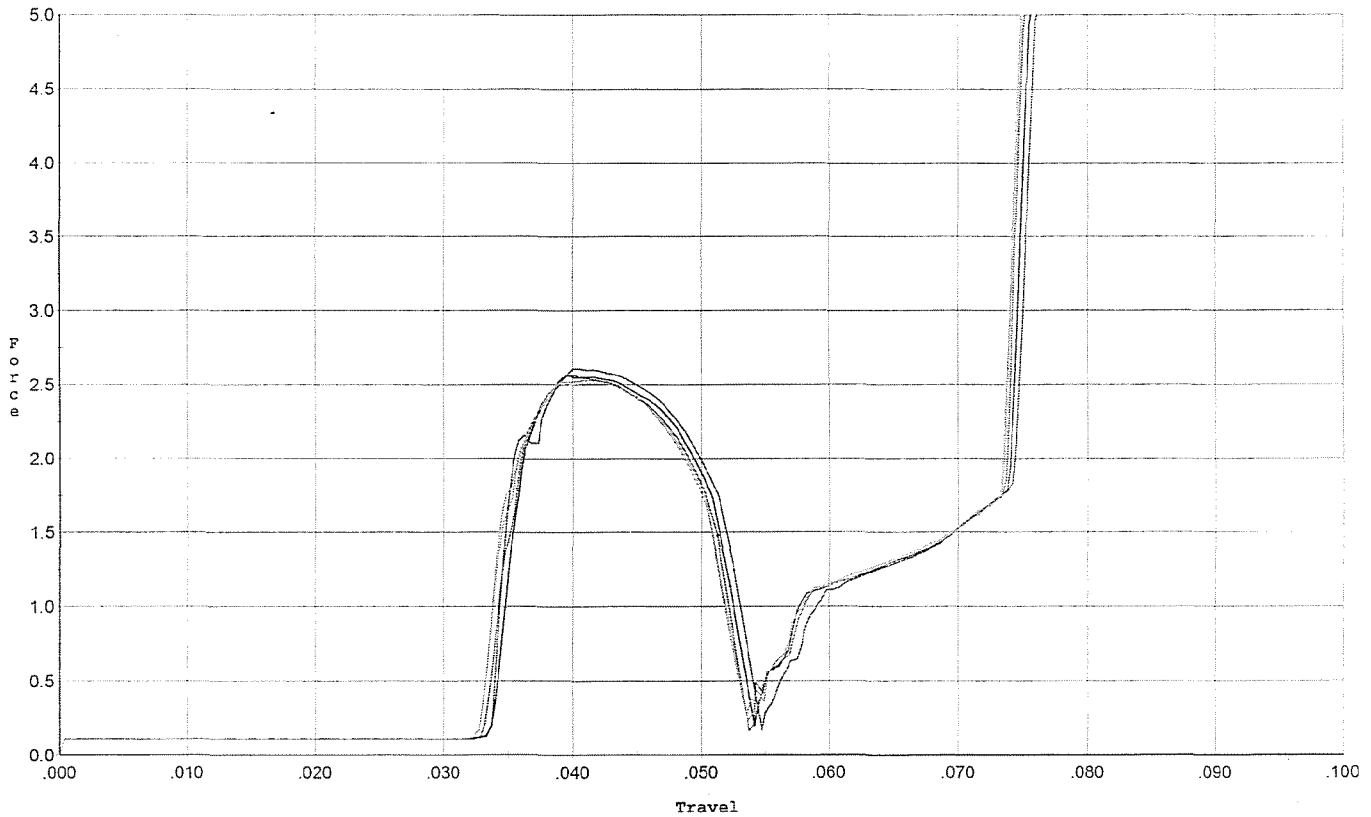
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.166      | 0.052             | 0.032           | 0.028      | 0.072             |           | Set Trigger |
| 2 | 4.201      | 0.053             | 0.032           | 0.028      | 0.072             |           | Set Trigger |
| 3 | 4.211      | 0.053             | 0.032           | 0.028      | 0.073             |           | Set Trigger |
| 4 | 4.187      | 0.052             | 0.032           | 0.028      | 0.072             |           | Set Trigger |
| 5 | 4.145      | 0.052             | 0.032           | 0.028      | 0.071             |           | Set Trigger |

AVG 4.18

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 4/26/07

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



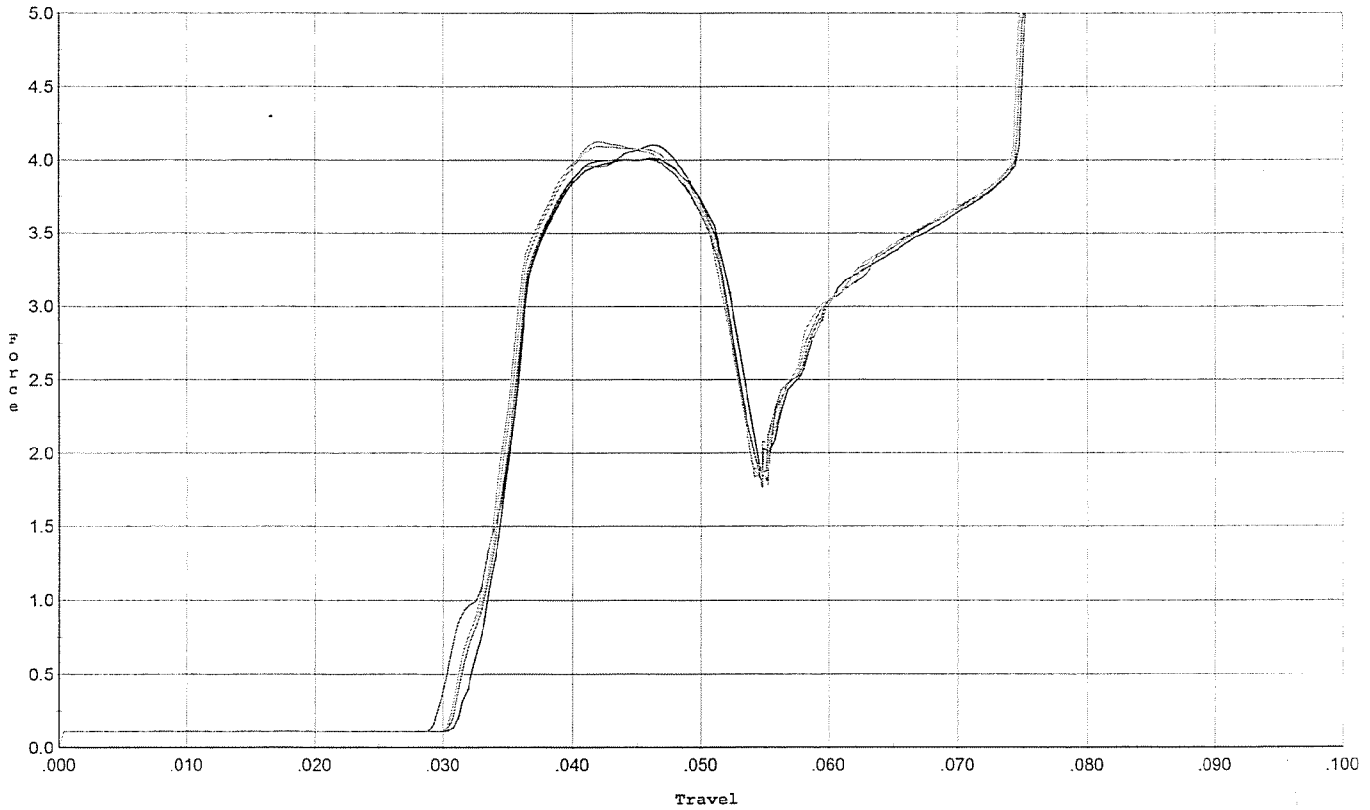
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.608      | 0.053             | 0.034           | 0.031      | 0.045             |           | Set Trigger |
| 2 | 2.566      | 0.052             | 0.034           | 0.031      | 0.043             |           | Set Trigger |
| 3 | 2.566      | 0.051             | 0.033           | 0.031      | 0.042             |           | Set Trigger |
| 4 | 2.517      | 0.050             | 0.033           | 0.032      | 0.042             |           | Set Trigger |
| 5 | 2.529      | 0.050             | 0.033           | 0.032      | 0.042             |           | Set Trigger |

Aug 2.55

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 4/26/07

Model: M/24  
 Serial No: Form #F005  
 Trigger: set to 4.0 lbs. +/- 1.0 lbs. for target & accurac



| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.104      | 0.051             | 0.030           | 0.028      | 0.072             |           | Set Trigger |
| 2 | 4.009      | 0.052             | 0.031           | 0.028      | 0.072             |           | Set Trigger |
| 3 | 4.005      | 0.052             | 0.031           | 0.028      | 0.071             |           | Set Trigger |
| 4 | 4.094      | 0.051             | 0.031           | 0.028      | 0.072             |           | Set Trigger |
| 5 | 4.126      | 0.052             | 0.031           | 0.028      | 0.074             |           | Set Trigger |

Avg 4.06

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637691.\_\_\_0  
FILE DATE AND TIME: 04/27/2007 10:52

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.055 |
| The Average Y Centroid of the Five Target Set:              | -0.047 |
| The Average Point of Impact of the Five Target Set:         | 0.072  |
| The Average Mean Radius of the Five Target Set:             | 0.738  |
| The Distance from POA to Centroid Target #1:                | 0.025  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.066  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.119  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.226  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.196  |

**BARBER - M24 0144828**

SERIAL NUMBER: G6637691. 0

TARGET NUMBER: 1

FILE DATE: 04/27/2007

FILE TIME: 10:52

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.071  | -0.430 |
| 2:     | 0.957  | 0.101  |
| 3:     | 0.239  | -0.468 |
| 4:     | -0.281 | 0.698  |
| 5:     | -0.882 | 1.014  |
| 6:     | -0.711 | 0.178  |
| 7:     | -0.559 | -0.099 |
| 8:     | -0.485 | -0.263 |
| 9:     | -0.356 | -0.457 |
| 10:    | 0.844  | -0.087 |

X CENTROID: -0.016

Y CENTROID: 0.019

POA TO CENTROID: 0.025

HORZ SPREAD: 1.953

VERT SPREAD: 1.482

GROUP SPREAD: 2.429

MIN RADIUS: 0.547

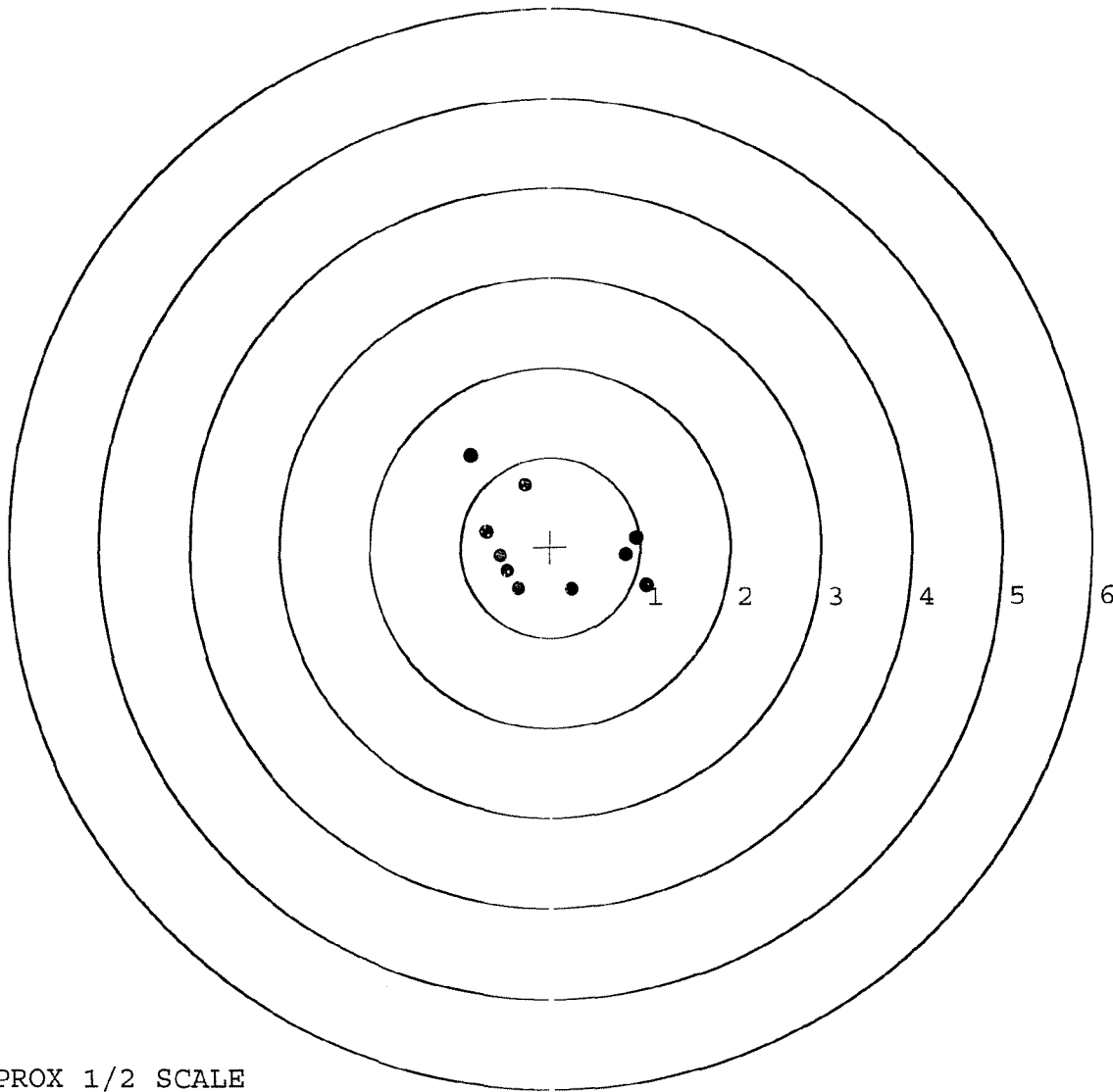
MAX RADIUS: 1.319

MEAN RADIUS: 0.802

# IN 1 IN DIAMETER: 0

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0144829**

SERIAL NUMBER: G6637691. 0

TARGET NUMBER: 2

FILE DATE: 04/27/2007

FILE TIME: 10:52

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.622  | -0.767 |
| 2:     | 1.096  | 0.070  |
| 3:     | 0.429  | -0.067 |
| 4:     | 0.326  | 0.365  |
| 5:     | -0.067 | 0.096  |
| 6:     | -0.287 | -0.541 |
| 7:     | -0.539 | 0.348  |
| 8:     | -1.000 | 0.216  |
| 9:     | -0.993 | -0.420 |
| 10:    | 0.296  | 0.231  |

X CENTROID: -0.012

Y CENTROID: -0.047

POA TO CENTROID: 0.048

HORZ SPREAD: 2.096

VERT SPREAD: 1.132

GROUP SPREAD: 2.146

MIN RADIUS: 0.153

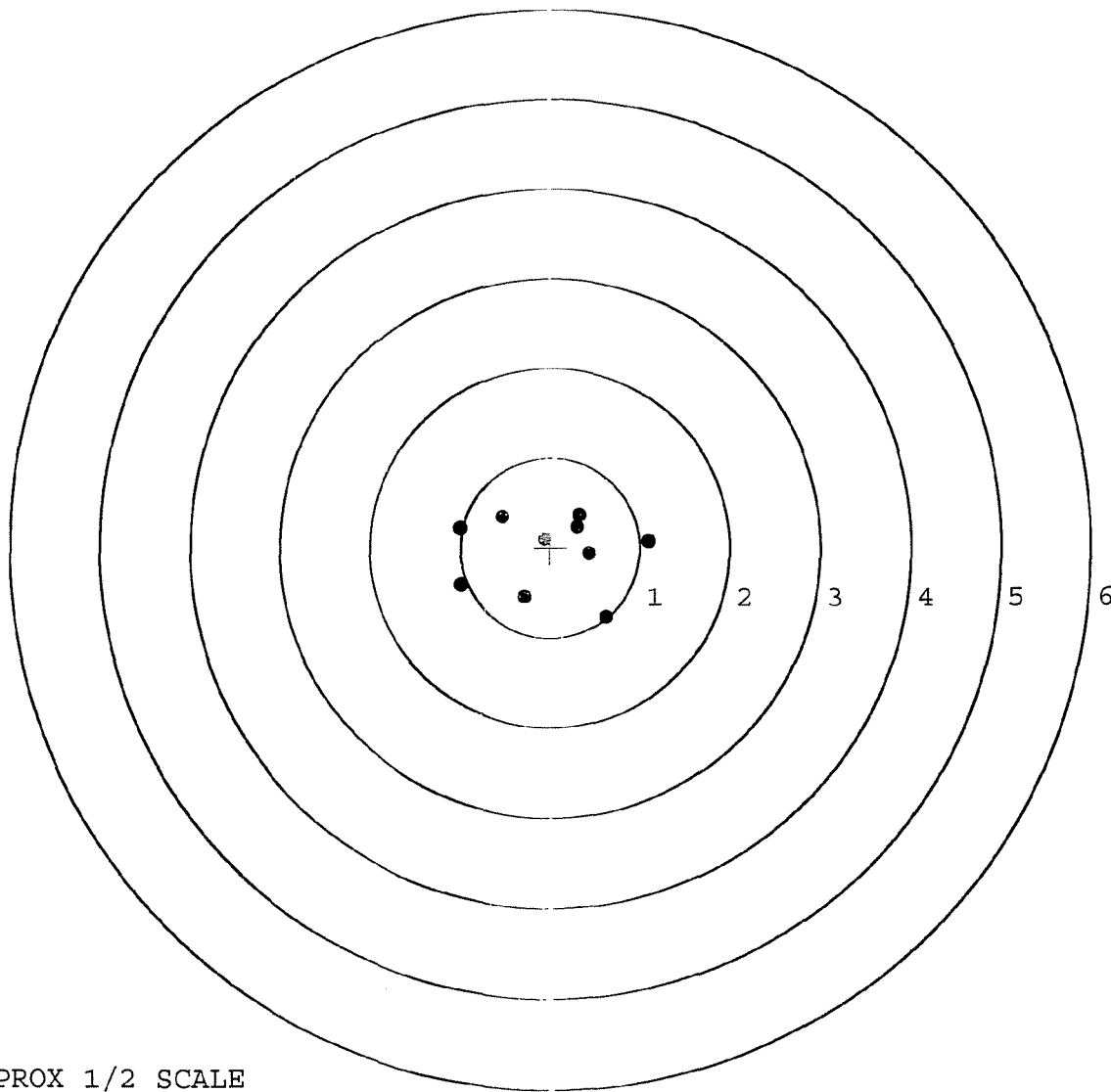
MAX RADIUS: 1.114

MEAN RADIUS: 0.691

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0144830**

SERIAL NUMBER: G6637691. \_\_0

TARGET NUMBER: 3

FILE DATE: 04/27/2007

FILE TIME: 10:52

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.263 | -1.257 |
| 2:     | -1.045 | -1.127 |
| 3:     | 0.599  | -0.515 |
| 4:     | 0.632  | 0.481  |
| 5:     | -0.195 | 1.315  |
| 6:     | -0.256 | -0.521 |
| 7:     | -0.428 | -0.078 |
| 8:     | 0.010  | 0.334  |
| 9:     | -0.109 | 0.452  |
| 10:    | -0.173 | 0.570  |

X CENTROID: -0.123

Y CENTROID: -0.035

POA TO CENTROID: 0.128

HORZ SPREAD: 1.677

VERT SPREAD: 2.572

GROUP SPREAD: 2.586

MIN RADIUS: 0.308

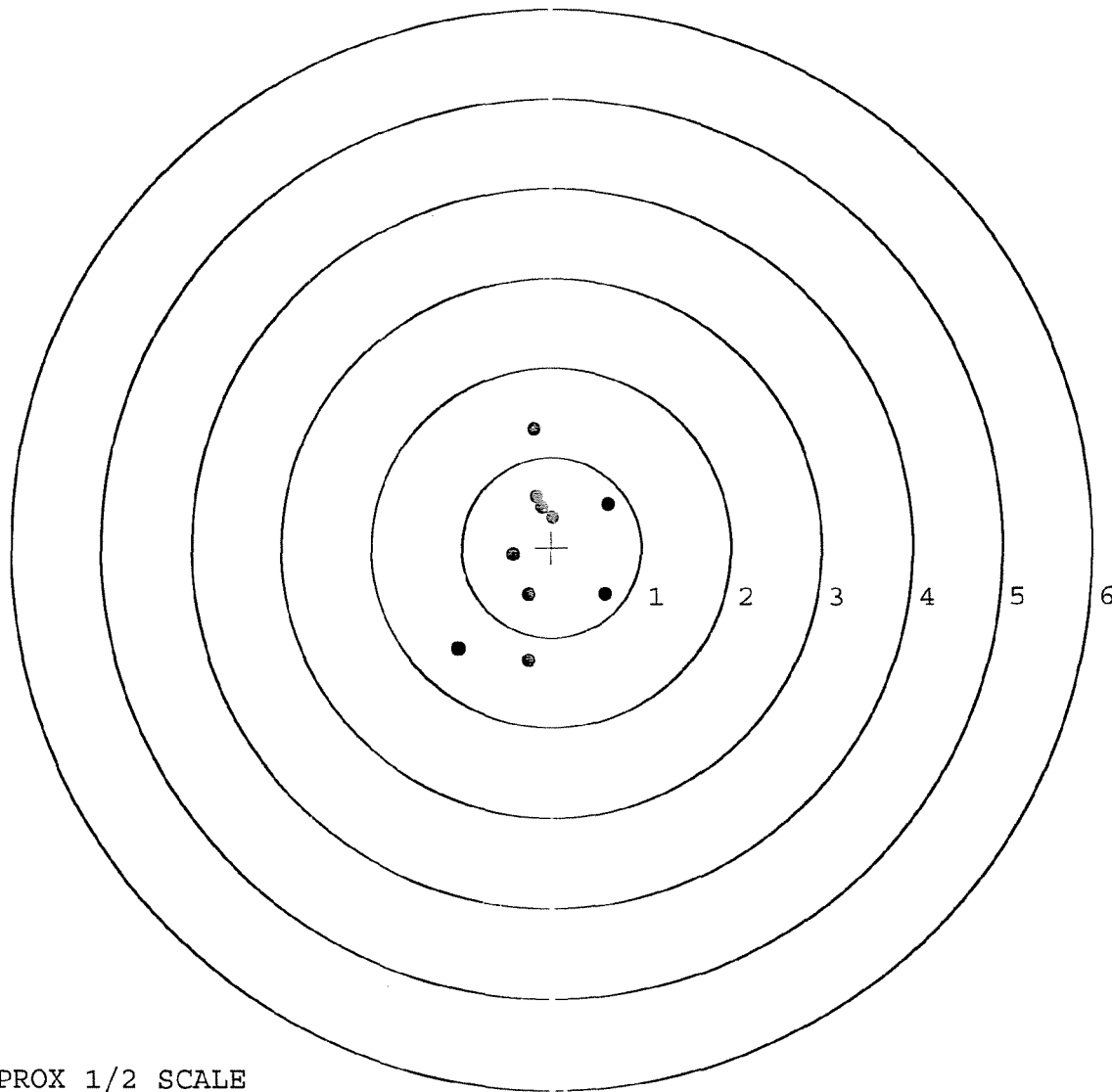
MAX RADIUS: 1.430

MEAN RADIUS: 0.809

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0144831**

SERIAL NUMBER: G6637691. 0

TARGET NUMBER: 4

FILE DATE: 04/27/2007

FILE TIME: 10:52

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.059  | -0.330 |
| 2:     | 0.854  | -0.357 |
| 3:     | 0.663  | 0.246  |
| 4:     | 0.278  | -0.374 |
| 5:     | -0.128 | -0.528 |
| 6:     | -0.528 | -0.636 |
| 7:     | -0.790 | -0.832 |
| 8:     | -0.059 | -0.029 |
| 9:     | 0.071  | 0.380  |
| 10:    | -0.545 | 0.642  |

X CENTROID: 0.087

Y CENTROID: -0.182

POA TO CENTROID: 0.202

HORZ SPREAD: 1.849

VERT SPREAD: 1.474

GROUP SPREAD: 1.916

MIN RADIUS: 0.212

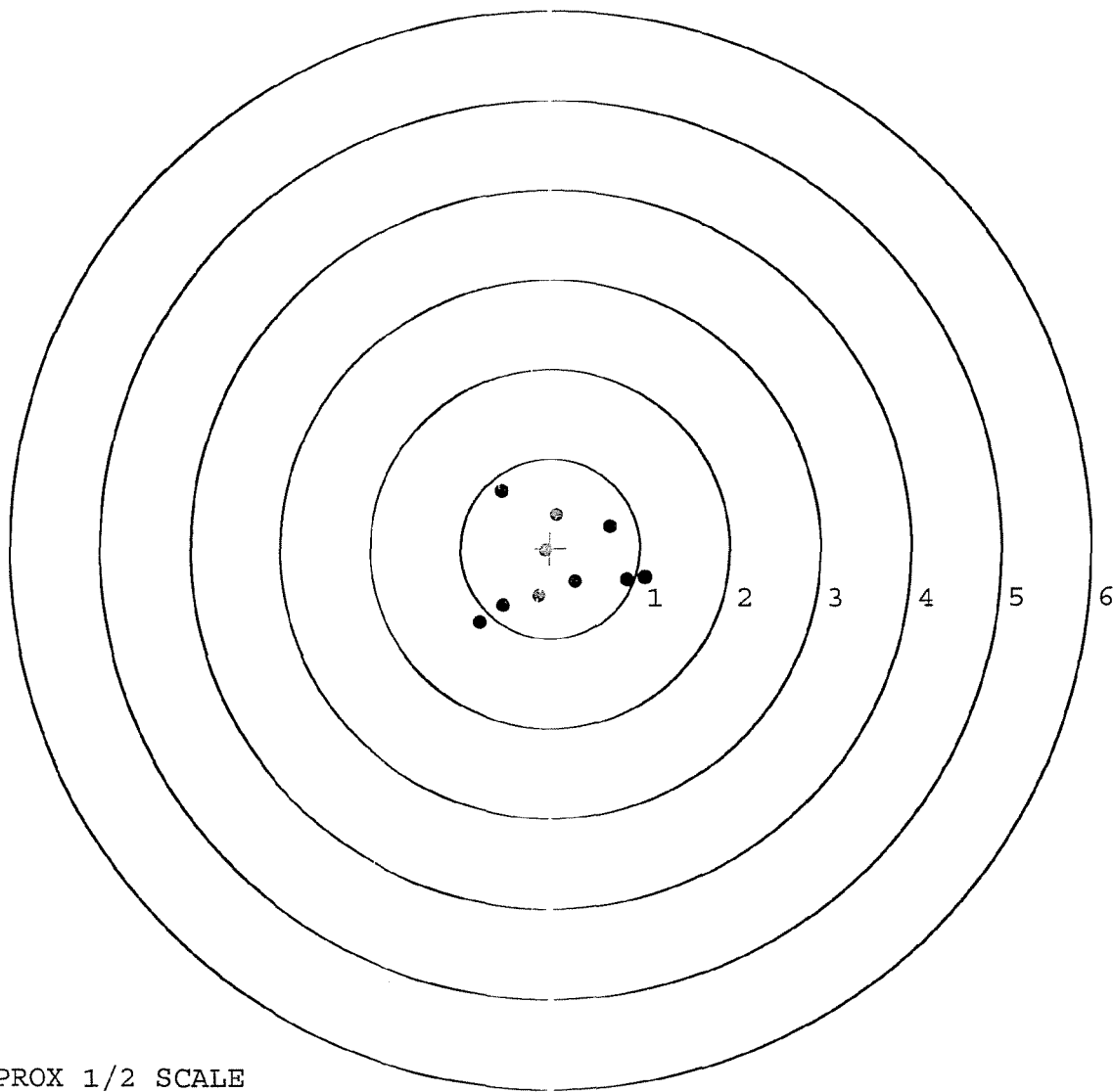
MAX RADIUS: 1.092

MEAN RADIUS: 0.683

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0144832**

SERIAL NUMBER: G6637691. \_\_0

TARGET NUMBER: 5

FILE DATE: 04/27/2007

FILE TIME: 10:52

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.844  | -0.013 |
| 2:     | 0.732  | 0.333  |
| 3:     | 0.345  | 0.019  |
| 4:     | 0.295  | -0.310 |
| 5:     | -0.320 | -0.038 |
| 6:     | -0.369 | -0.527 |
| 7:     | -0.867 | -0.242 |
| 8:     | -0.805 | -0.025 |
| 9:     | -0.851 | 0.129  |
| 10:    | -1.128 | 0.774  |

X CENTROID: -0.212

Y CENTROID: 0.010

POA TO CENTROID: 0.213

HORZ SPREAD: 1.972

VERT SPREAD: 1.301

GROUP SPREAD: 2.123

MIN RADIUS: 0.118

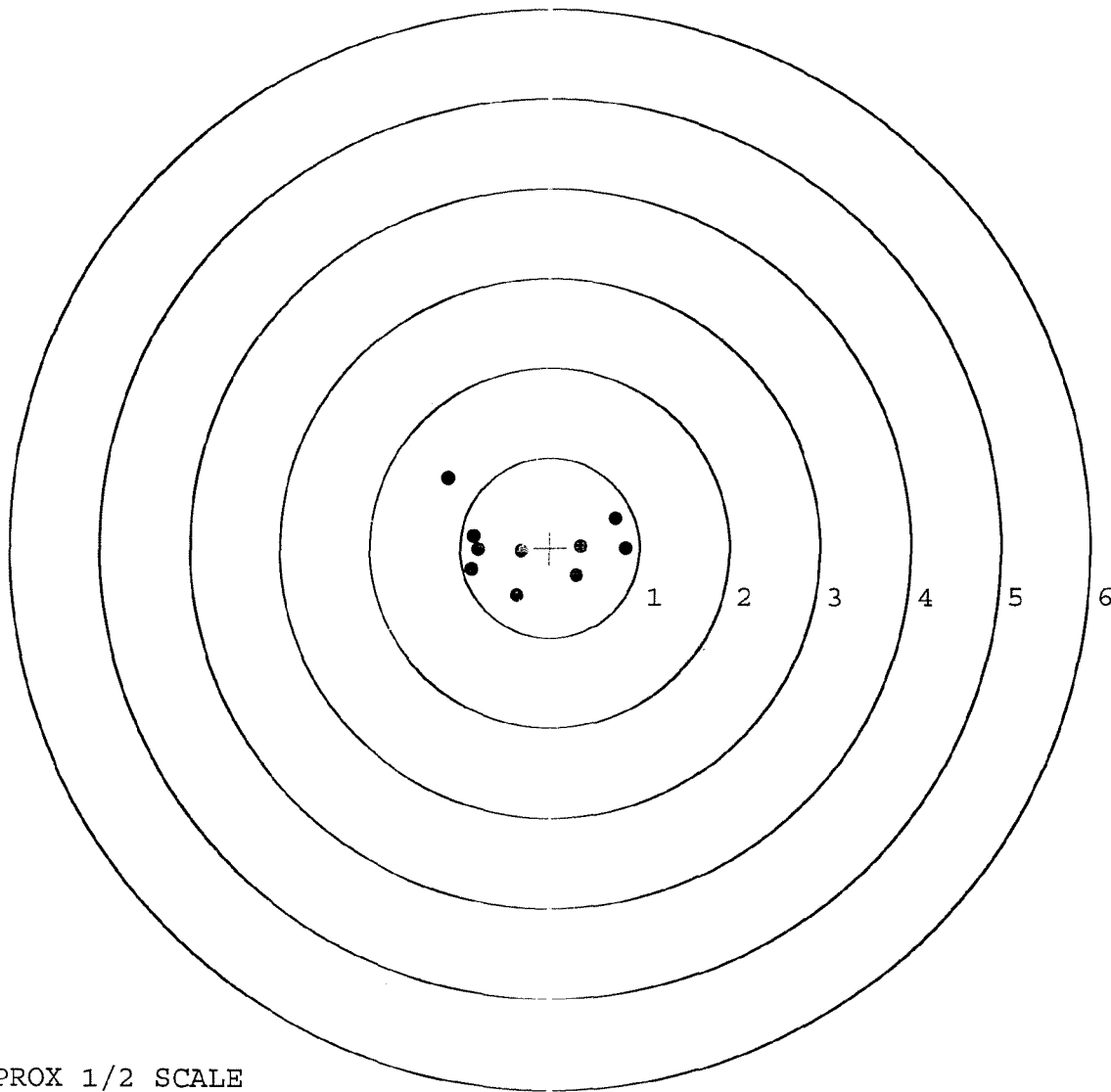
MAX RADIUS: 1.192

MEAN RADIUS: 0.703

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE