

G6662 3490

**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



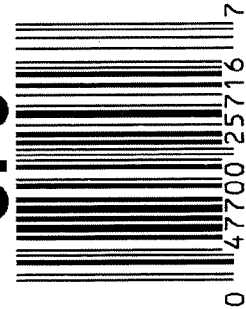
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

**G6623490**

**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 # G6623490

| OP #         | OPERATION NAME                                                                                                                         | READINGS            | DATE     | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------|---------|
| 410          | SERIALIZE BOLT HANDLE                                                                                                                  |                     | 12-20-06 | RTZ     |
| 420          | ASSEMBLE ACTION                                                                                                                        |                     | 12-21-06 | RTZ     |
| 430          | ASSEMBLE TO STOCK                                                                                                                      |                     | 12-21-06 | RP      |
| 440          | PROOF                                                                                                                                  | MAGNA-FLUX          | 12-21-06 | TRLW    |
| 460          | CHECK HEADSPACE                                                                                                                        | INSPECTED           | 12-21-06 | TRLW    |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    | DEC 28 2006         | 12-21-06 | RTZ     |
| 480          | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR <u>APD</u> | 12-28-06 | APD     |
| 490          | MAGNAFLUX BOLT                                                                                                                         |                     |          |         |
| 500          | ROLLMARK CALIBER                                                                                                                       |                     | 12-28-06 | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                     | 12-28-06 | SO      |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                     | 12-28-06 | 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                                                                                                    |                     | 1-12-07  | DA      |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                     | 1-12-07  | DA      |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                     | 1-12-07  | DA      |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                     | 1-15-07  | RTZ     |
|              | 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  | man     |

F004 REV 5/2006

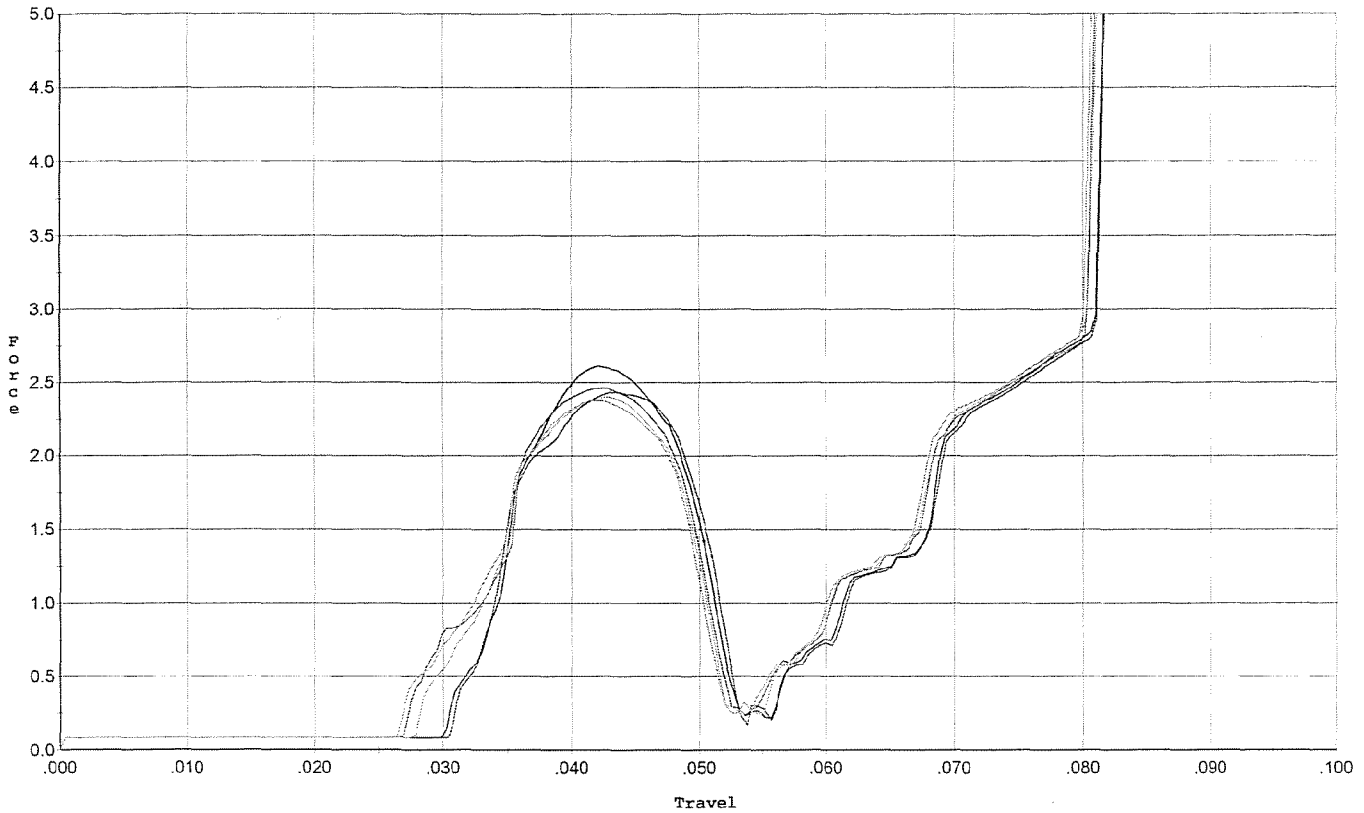
| OP #         | OPERATION NAME                                                           | READINGS                                                    | DATE    | INITIAL |
|--------------|--------------------------------------------------------------------------|-------------------------------------------------------------|---------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>5.0</u> <u>5.0</u> <u>5.0</u>                            | 1/17/07 | mon     |
| 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 | mon     |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             | 1/19/07 | mon     |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.023</u> <u>.024</u> <u>.023</u>                         | 1/17/07 | mon     |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 1-15-07 | RLZ     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 1/19/07 | mon     |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 1/18/07 | mon     |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 1/18/07 | mon     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 1/18/07 | mon     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 1-15-07 | TKL     |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 1-15-07 | Fm      |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 1/18/07 | mon     |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.74</u> <u>2.80</u> <u>2.27</u> <u>2.49</u> <u>2.43</u> | 1/17/07 | mon     |
|              | C) FUNCTION                                                              |                                                             | 1/18/07 | mon     |
| 690          | PACK                                                                     |                                                             | 1-25-07 | RAA     |

F004 REV 5/2006

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 1/12/07

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



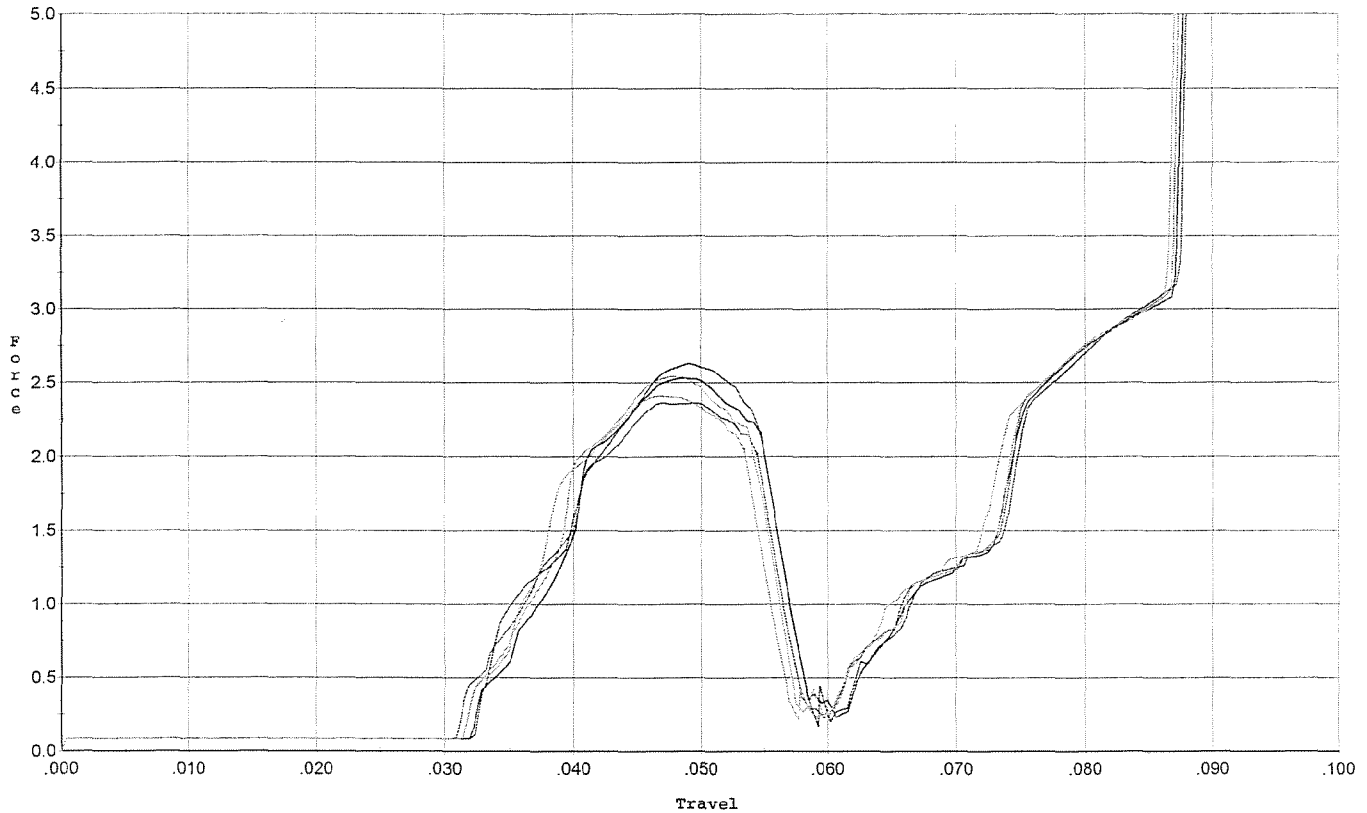
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.436      | 0.051             | 0.031           | 0.036      | 0.040             |           | Set Trigger |
| 2 | 2.612      | 0.050             | 0.030           | 0.036      | 0.040             |           | Set Trigger |
| 3 | 2.464      | 0.050             | 0.027           | 0.036      | 0.041             |           | Set Trigger |
| 4 | 2.402      | 0.050             | 0.028           | 0.036      | 0.040             |           | Set Trigger |
| 5 | 2.377      | 0.049             | 0.027           | 0.036      | 0.040             |           | Set Trigger |

Aug 2.45

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 1/12/07

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



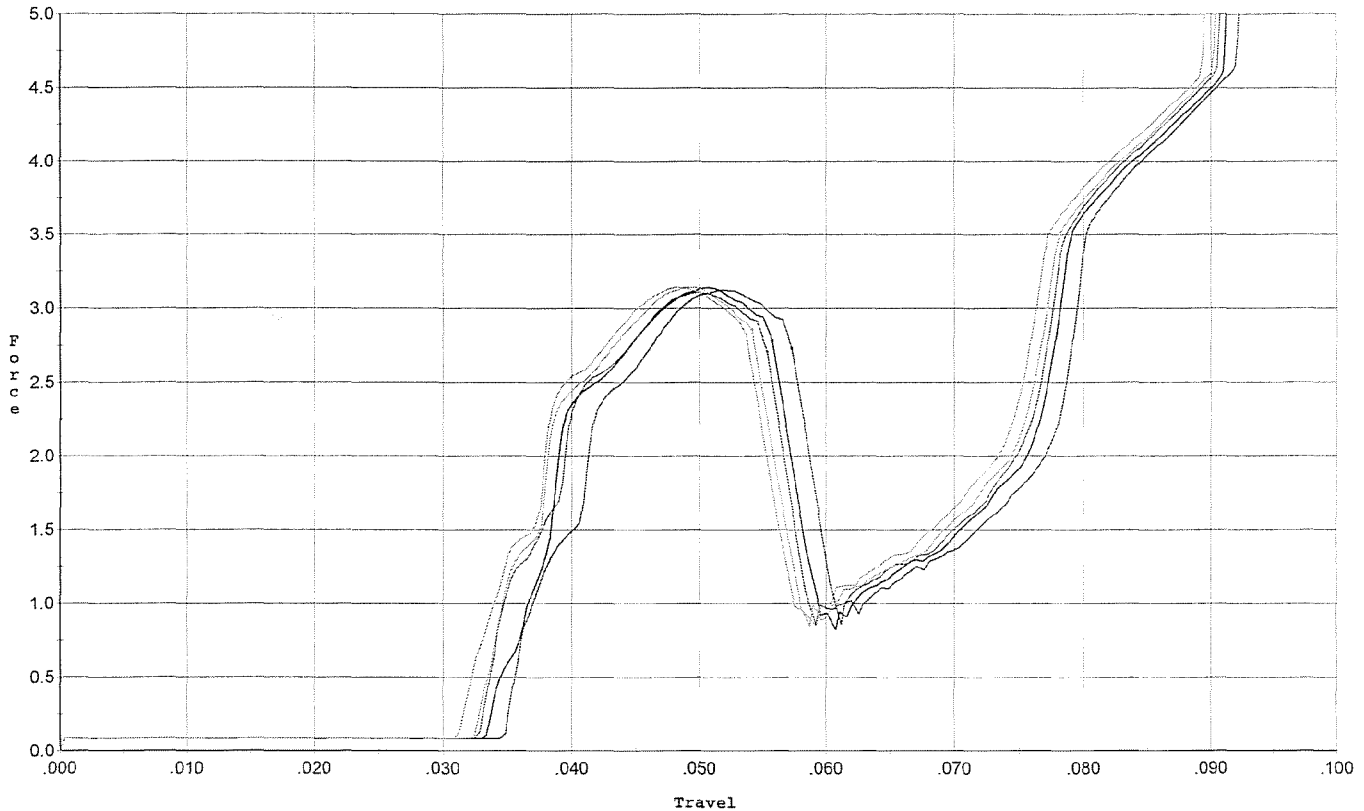
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.627      | 0.055             | 0.033           | 0.038      | 0.046             |           | Set Trigger |
| 2 | 2.532      | 0.055             | 0.032           | 0.038      | 0.044             |           | Set Trigger |
| 3 | 2.362      | 0.054             | 0.031           | 0.038      | 0.044             |           | Set Trigger |
| 4 | 2.541      | 0.055             | 0.032           | 0.038      | 0.045             |           | Set Trigger |
| 5 | 2.412      | 0.053             | 0.032           | 0.038      | 0.043             |           | Set Trigger |

Avg 2.49

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 1/12/07

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



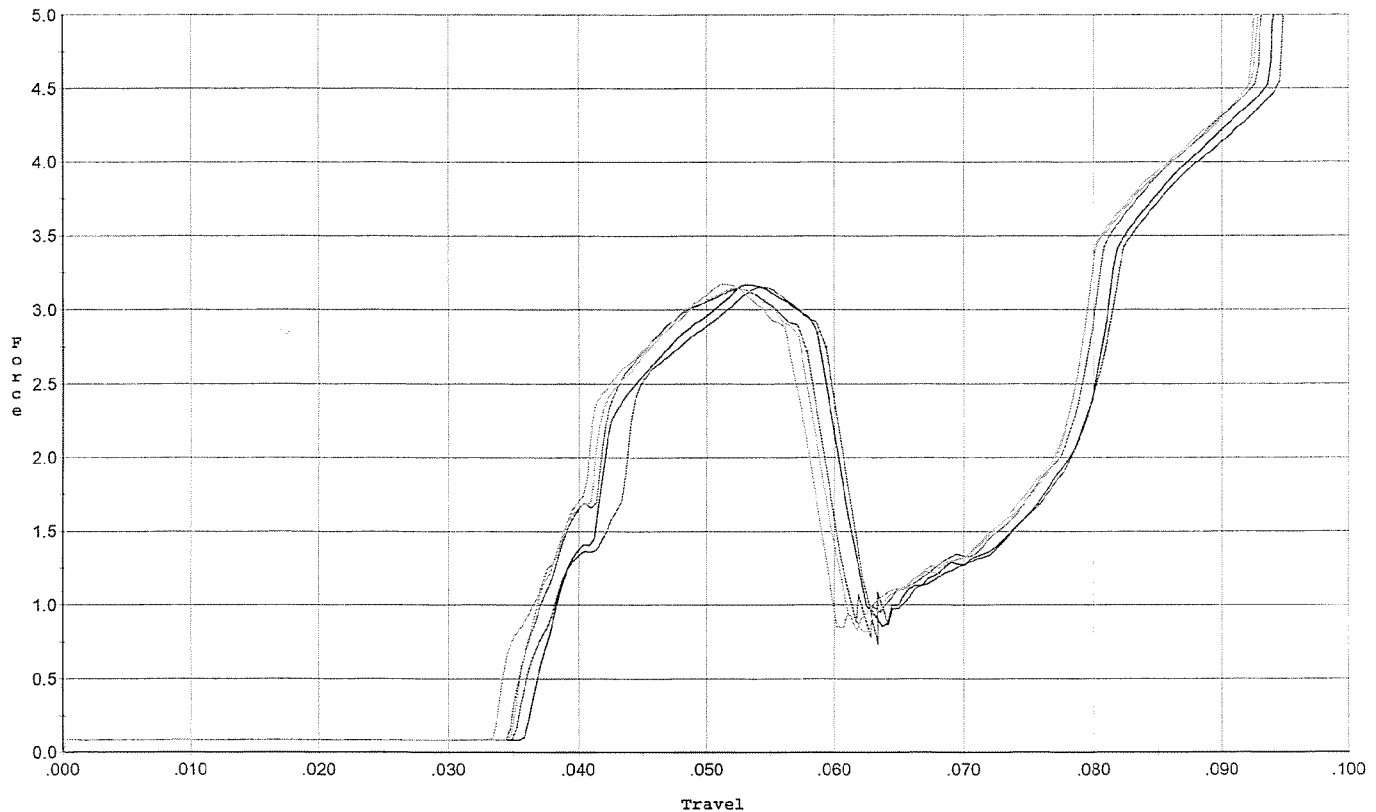
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.123      | 0.057             | 0.035           | 0.038      | 0.058             |           | Set Trigger |
| 2 | 3.139      | 0.056             | 0.034           | 0.039      | 0.058             |           | Set Trigger |
| 3 | 3.106      | 0.055             | 0.033           | 0.039      | 0.058             |           | Set Trigger |
| 4 | 3.138      | 0.054             | 0.033           | 0.038      | 0.057             |           | Set Trigger |
| 5 | 3.139      | 0.054             | 0.032           | 0.038      | 0.057             |           | Set Trigger |

Aug 3.12

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 1/12/07

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



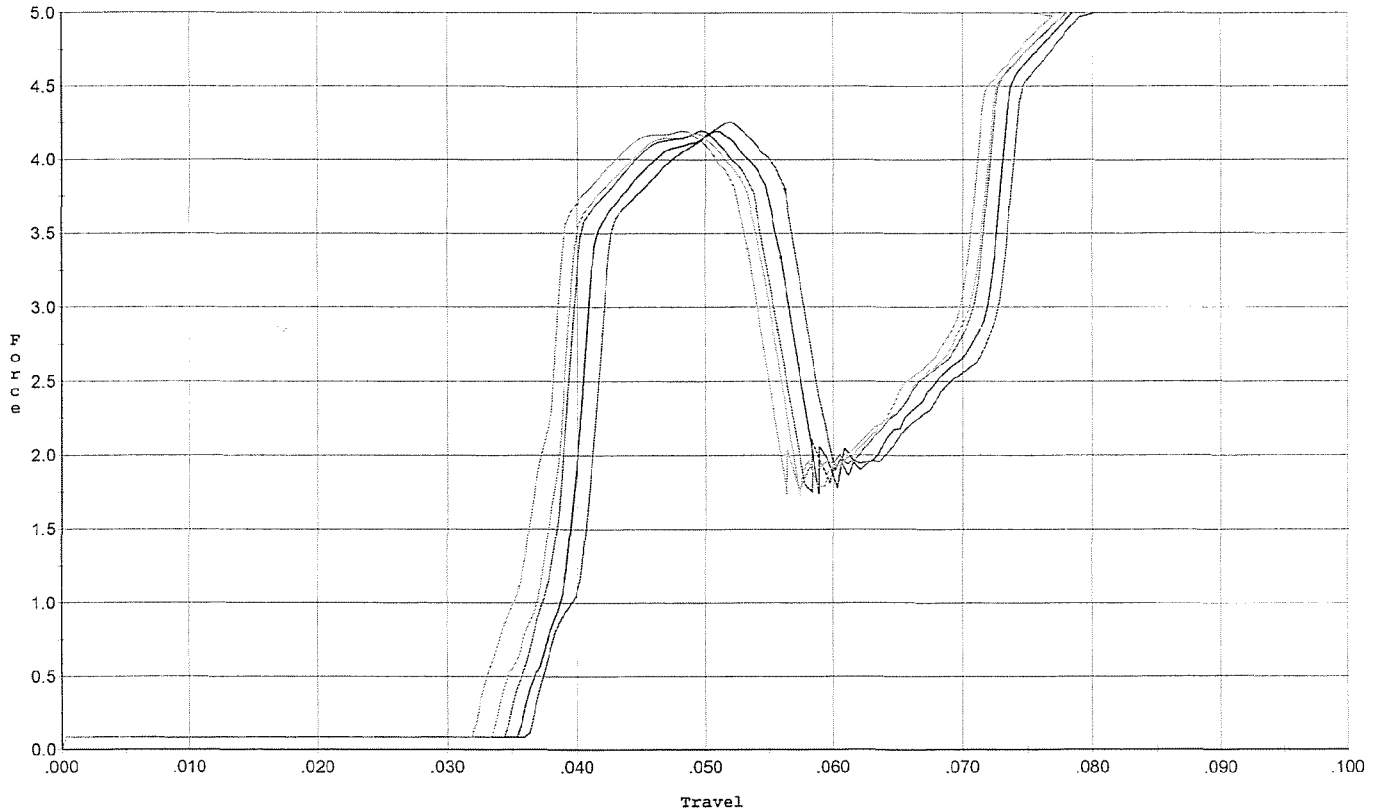
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.153      | 0.059             | 0.035           | 0.040      | 0.060             |           | Set Trigger |
| 2 | 3.172      | 0.059             | 0.036           | 0.039      | 0.060             |           | Set Trigger |
| 3 | 3.143      | 0.058             | 0.035           | 0.039      | 0.060             |           | Set Trigger |
| 4 | 3.150      | 0.057             | 0.035           | 0.039      | 0.059             |           | Set Trigger |
| 5 | 3.174      | 0.058             | 0.034           | 0.039      | 0.060             |           | Set Trigger |

Avg 3.15

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 1/12/07

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



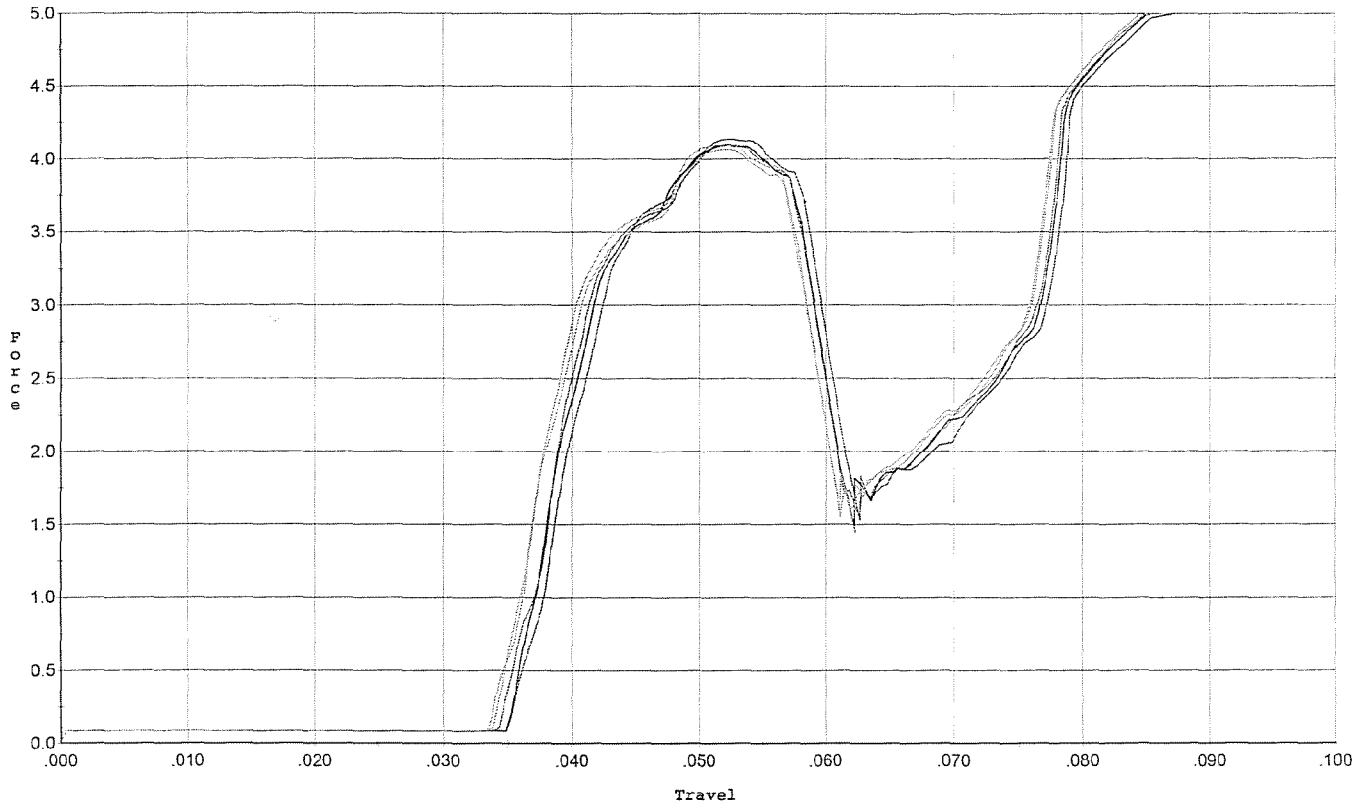
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.258      | 0.056             | 0.037           | 0.034      | 0.070             |           | Set Trigger |
| 2 | 4.193      | 0.056             | 0.036           | 0.034      | 0.071             |           | Set Trigger |
| 3 | 4.197      | 0.056             | 0.035           | 0.034      | 0.072             |           | Set Trigger |
| 4 | 4.178      | 0.055             | 0.034           | 0.034      | 0.071             |           | Set Trigger |
| 5 | 4.195      | 0.053             | 0.032           | 0.034      | 0.072             |           | Set Trigger |

Aug 4.20

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 1/12/07

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



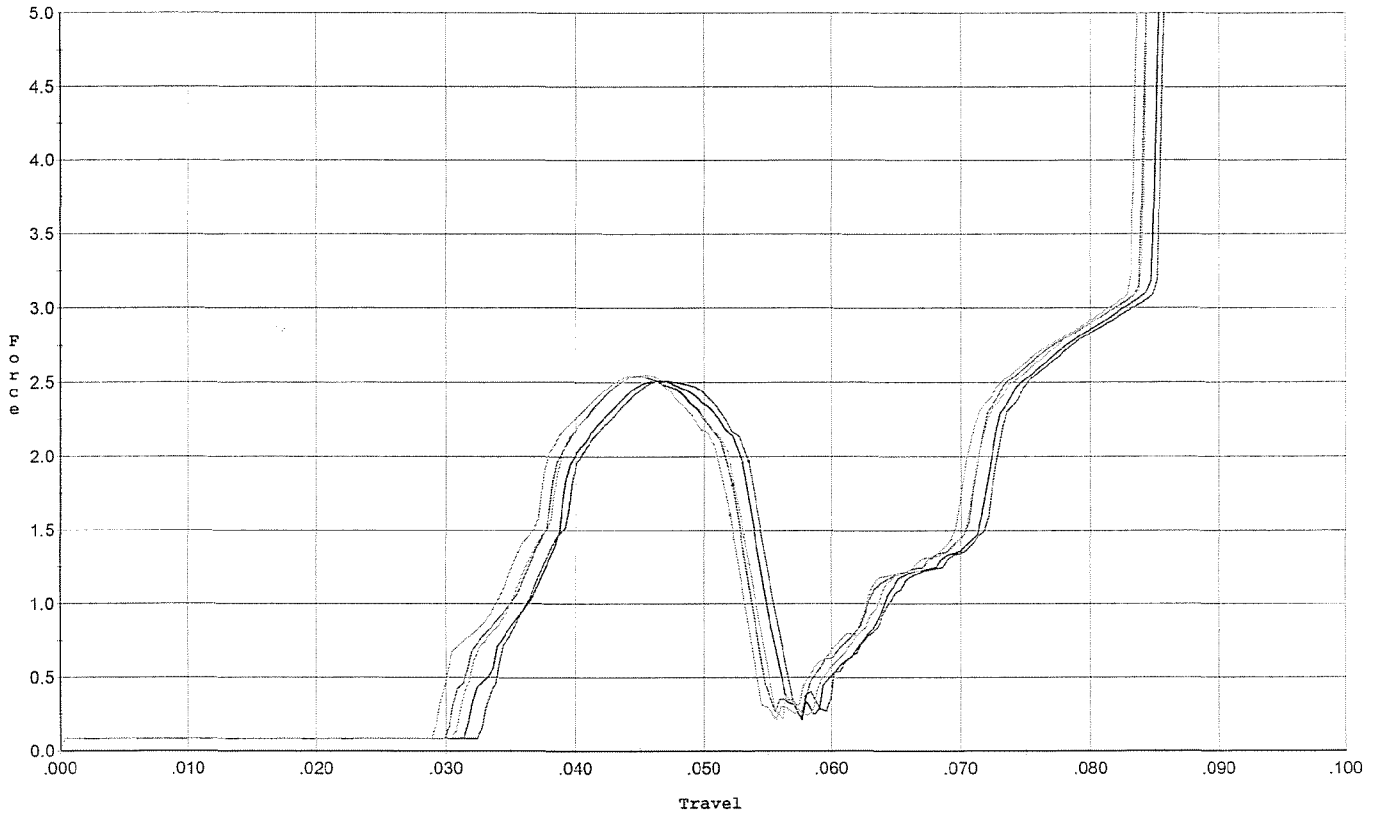
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.134      | 0.058             | 0.035           | 0.036      | 0.079             |           | Set Trigger |
| 2 | 4.091      | 0.058             | 0.035           | 0.036      | 0.079             |           | Set Trigger |
| 3 | 4.099      | 0.058             | 0.035           | 0.036      | 0.080             |           | Set Trigger |
| 4 | 4.064      | 0.058             | 0.034           | 0.035      | 0.081             |           | Set Trigger |
| 5 | 4.096      | 0.058             | 0.034           | 0.035      | 0.081             |           | Set Trigger |

Avg 4.09

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 1/12/07

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



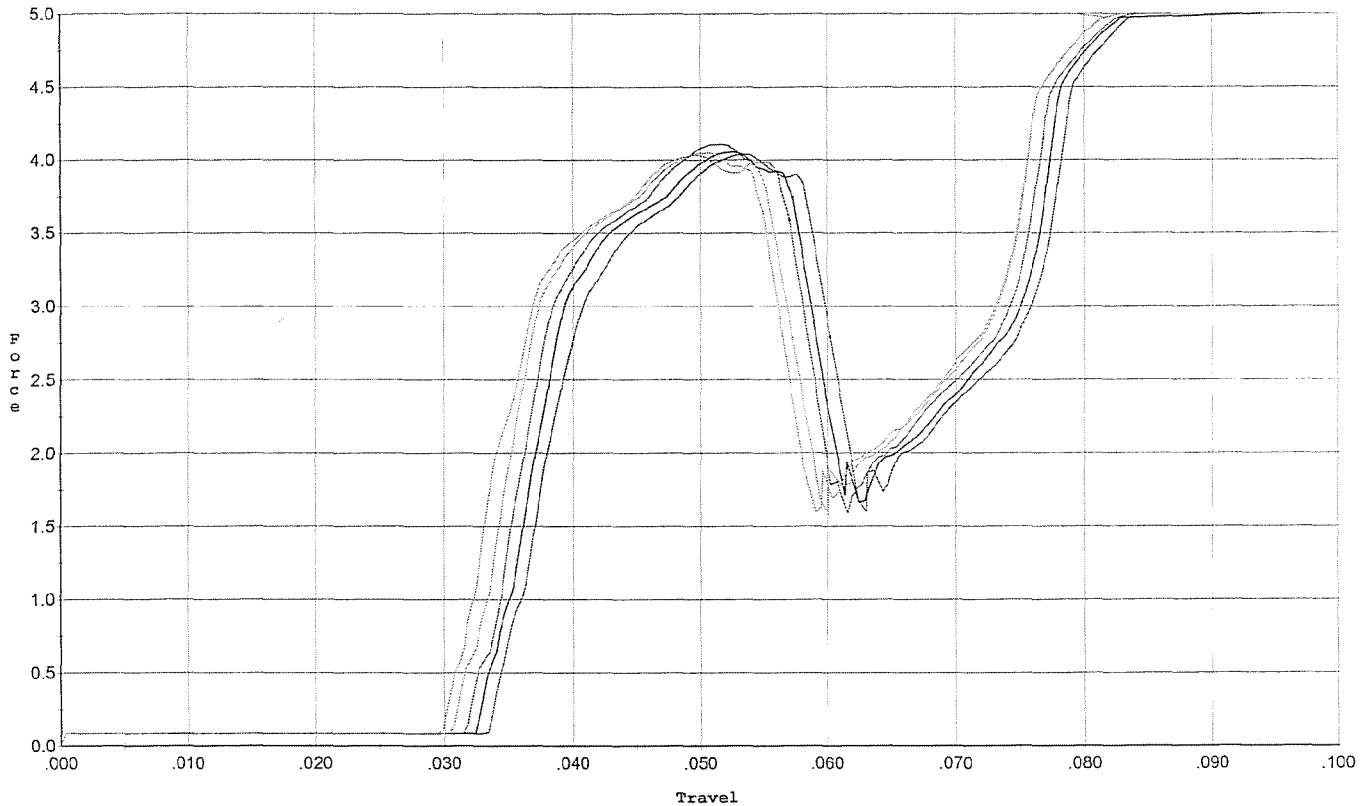
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.510      | 0.054             | 0.033           | 0.037      | 0.043             |           | Set Trigger |
| 2 | 2.510      | 0.053             | 0.032           | 0.037      | 0.042             |           | Set Trigger |
| 3 | 2.538      | 0.052             | 0.030           | 0.037      | 0.043             |           | Set Trigger |
| 4 | 2.550      | 0.054             | 0.031           | 0.036      | 0.044             |           | Set Trigger |
| 5 | 2.549      | 0.052             | 0.029           | 0.037      | 0.045             |           | Set Trigger |

Avg 2.53

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putsch 1/12/07

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 | 4.037      | 0.060             | 0.034           | 0.035      | 0.087             |           | Set Trigger |
| 2 | 4.052      | 0.057             | 0.033           | 0.035      | 0.083             |           | Set Trigger |
| 3 | 4.107      | 0.057             | 0.032           | 0.034      | 0.085             |           | Set Trigger |
| 4 | 4.048      | 0.057             | 0.031           | 0.034      | 0.086             |           | Set Trigger |
| 5 | 4.032      | 0.055             | 0.030           | 0.034      | 0.084             |           | Set Trigger |

Aug 4.05

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6623490.\_\_\_0  
FILE DATE AND TIME: 01/16/2007 00:30

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.025 |
| The Average Y Centroid of the Five Target Set:              | 0.043  |
| The Average Point of Impact of the Five Target Set:         | 0.050  |
| The Average Mean Radius of the Five Target Set:             | 0.631  |
| The Distance from POA to Centroid Target #1:                | 0.171  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.176  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.256  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.485  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.236  |

**BARBER - M24 0140192**

SERIAL NUMBER: G6623490. 0

TARGET NUMBER: 1

FILE DATE: 01/16/2007

FILE TIME: 00:30

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.921  | 0.689  |
| 2:     | 1.125  | 0.449  |
| 3:     | 0.066  | -0.299 |
| 4:     | 0.277  | -0.096 |
| 5:     | -0.379 | 0.116  |
| 6:     | -0.460 | -0.119 |
| 7:     | -0.295 | -0.322 |
| 8:     | -0.595 | -0.456 |
| 9:     | -0.788 | -0.609 |
| 10:    | -0.416 | -0.979 |

X CENTROID: -0.054

Y CENTROID: -0.163

POA TO CENTROID: 0.171

HORZ SPREAD: 1.913

VERT SPREAD: 1.668

GROUP SPREAD: 2.186

MIN RADIUS: 0.182

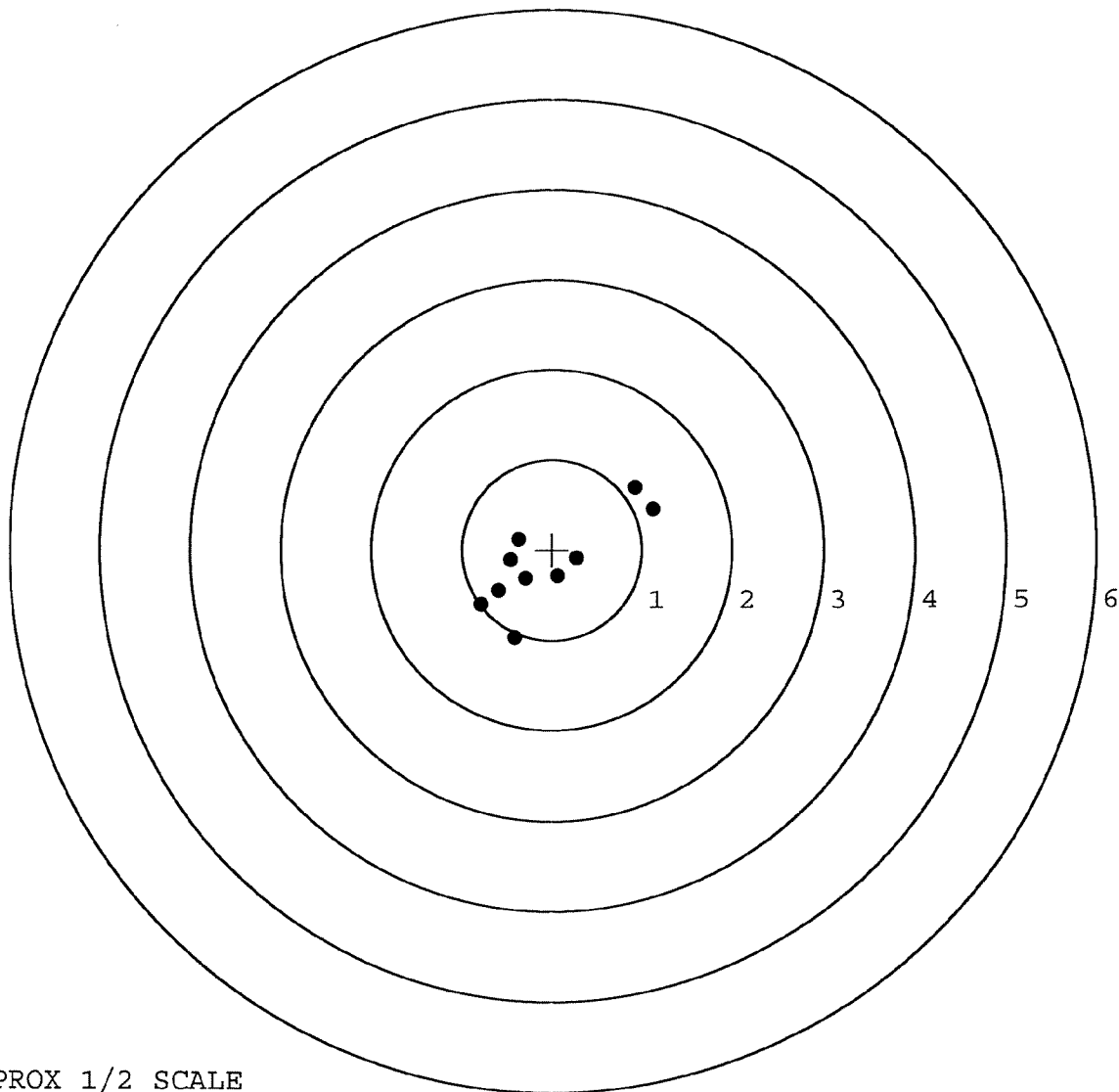
MAX RADIUS: 1.329

MEAN RADIUS: 0.663

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0140193**

SERIAL NUMBER: G6623490. \_\_0

TARGET NUMBER: 2

FILE DATE: 01/16/2007

FILE TIME: 00:30

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.348 | 0.651  |
| 2:     | -0.198 | 0.955  |
| 3:     | 0.147  | -0.594 |
| 4:     | 0.324  | 0.407  |
| 5:     | 0.339  | 0.172  |
| 6:     | 0.440  | -0.156 |
| 7:     | 0.361  | -0.619 |
| 8:     | 0.048  | -0.587 |
| 9:     | -0.149 | -0.973 |
| 10:    | -0.605 | -0.560 |

X CENTROID: 0.036

Y CENTROID: -0.012

POA TO CENTROID: 0.038

HORZ SPREAD: 1.045

VERT SPREAD: 1.928

GROUP SPREAD: 1.929

MIN RADIUS: 0.354

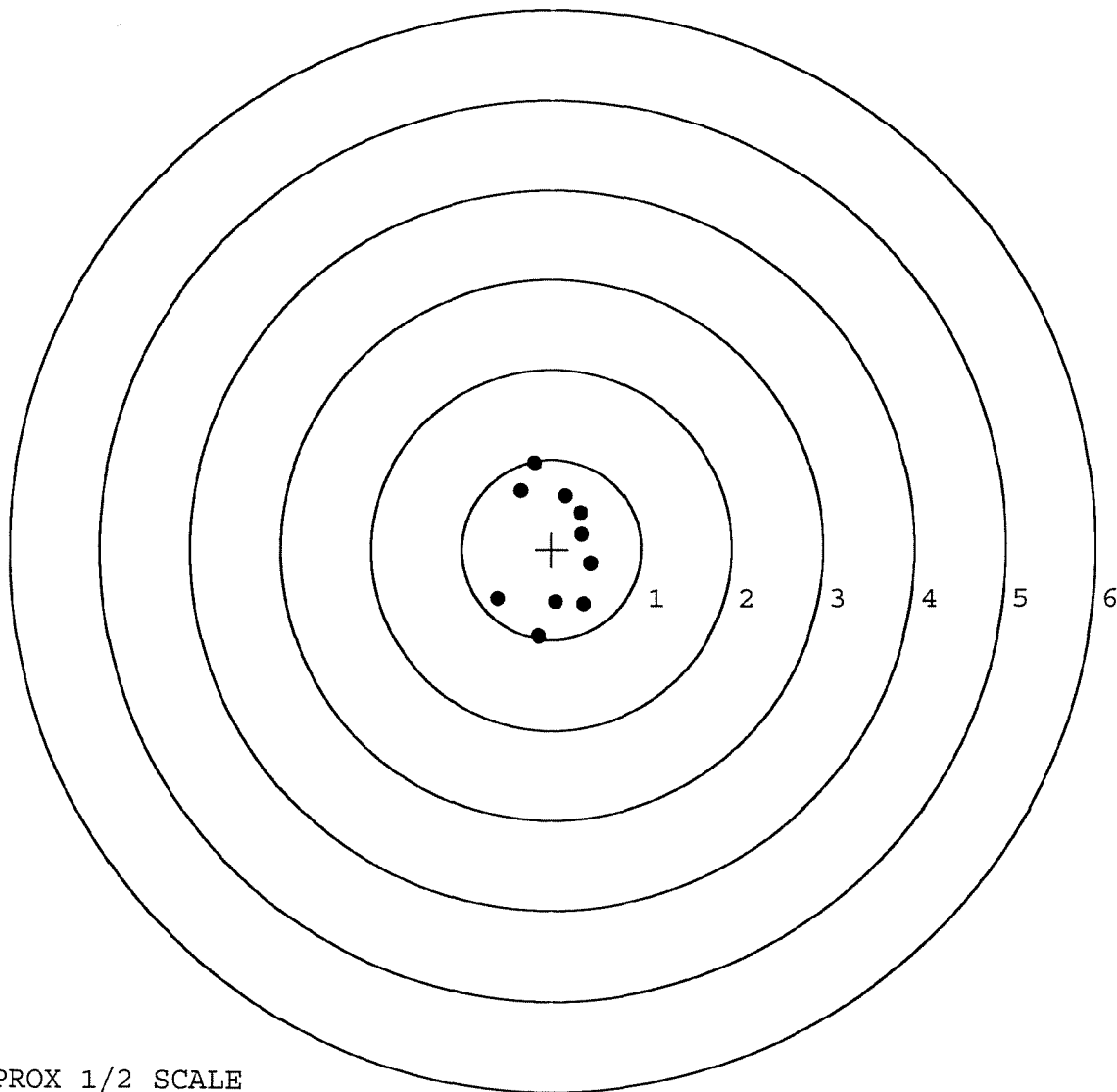
MAX RADIUS: 0.994

MEAN RADIUS: 0.675

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



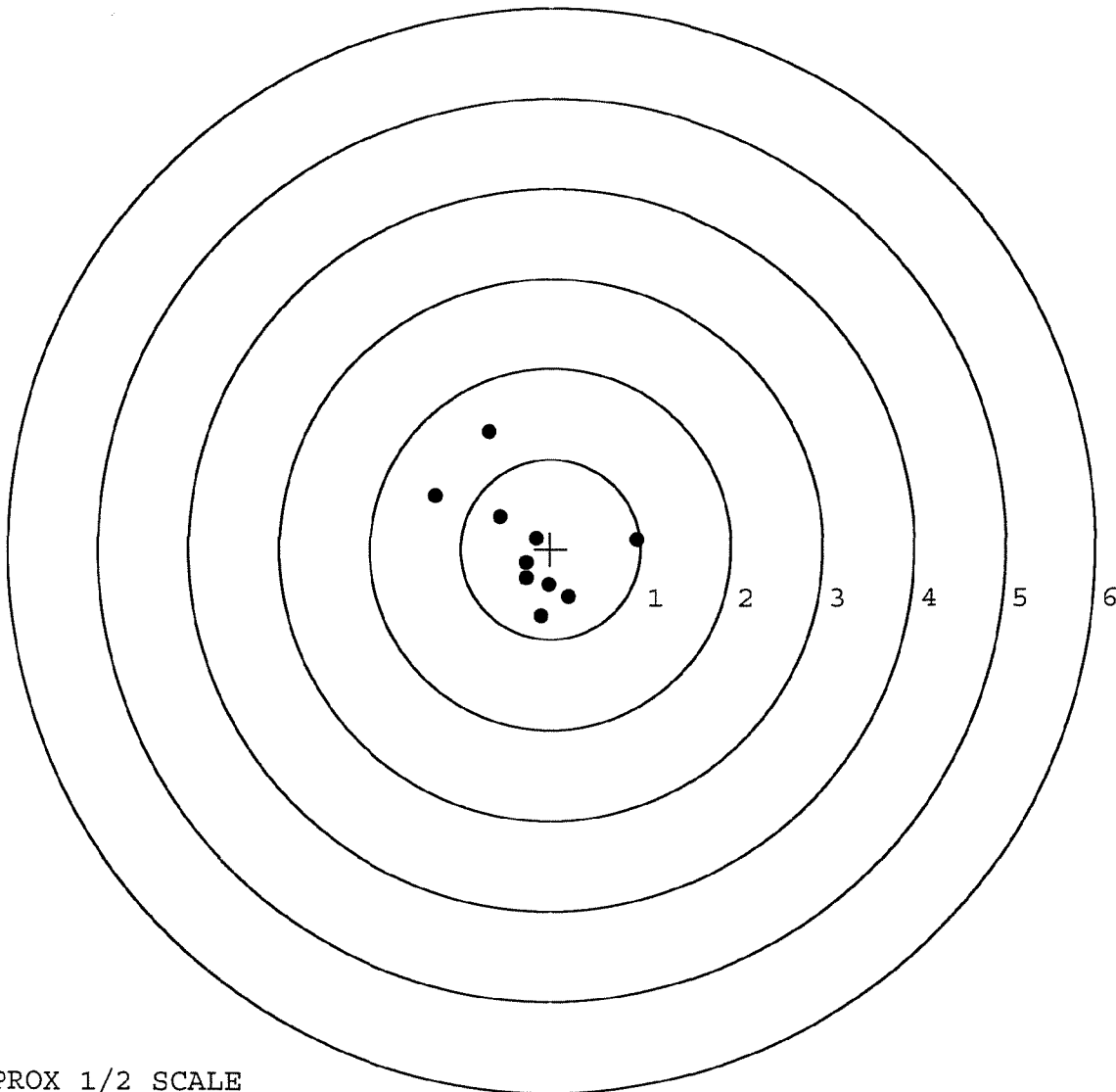
TARGET APPROX 1/2 SCALE

**BARBER - M24 0140194**

SERIAL NUMBER: G6623490. \_\_0  
 TARGET NUMBER: 3  
 FILE DATE: 01/16/2007  
 FILE TIME: 00:30

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.691 | 1.305  |
| 2:     | -1.281 | 0.599  |
| 3:     | -0.572 | -0.361 |
| 4:     | -0.164 | 0.118  |
| 5:     | -0.277 | -0.330 |
| 6:     | -0.025 | -0.403 |
| 7:     | 0.206  | -0.537 |
| 8:     | -0.109 | -0.749 |
| 9:     | 0.962  | 0.097  |
| 10:    | -0.279 | -0.154 |

X CENTROID: -0.223  
 Y CENTROID: 0.031  
 POA TO CENTROID: 0.225  
 HORZ SPREAD: 2.243  
 VERT SPREAD: 2.054  
 GROUP SPREAD: 2.135  
 MIN RADIUS: 0.105  
 MAX RADIUS: 1.358  
 MEAN RADIUS: 0.687  
 # IN 1 IN DIAMETER: 5  
 # IN 2 IN DIAMETER: 7  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0140195**

SERIAL NUMBER: G6623490. 0

TARGET NUMBER: 4

FILE DATE: 01/16/2007

FILE TIME: 00:30

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.527  | 1.009  |
| 2:     | 0.004  | 0.674  |
| 3:     | 0.362  | 0.502  |
| 4:     | 0.225  | 0.204  |
| 5:     | -0.009 | 0.195  |
| 6:     | 0.393  | -0.103 |
| 7:     | -0.043 | -0.477 |
| 8:     | -0.772 | -0.381 |
| 9:     | -0.766 | 0.784  |
| 10:    | 1.251  | 0.506  |

X CENTROID: 0.117

Y CENTROID: 0.291

POA TO CENTROID: 0.314

HORZ SPREAD: 2.023

VERT SPREAD: 1.486

GROUP SPREAD: 2.209

MIN RADIUS: 0.139

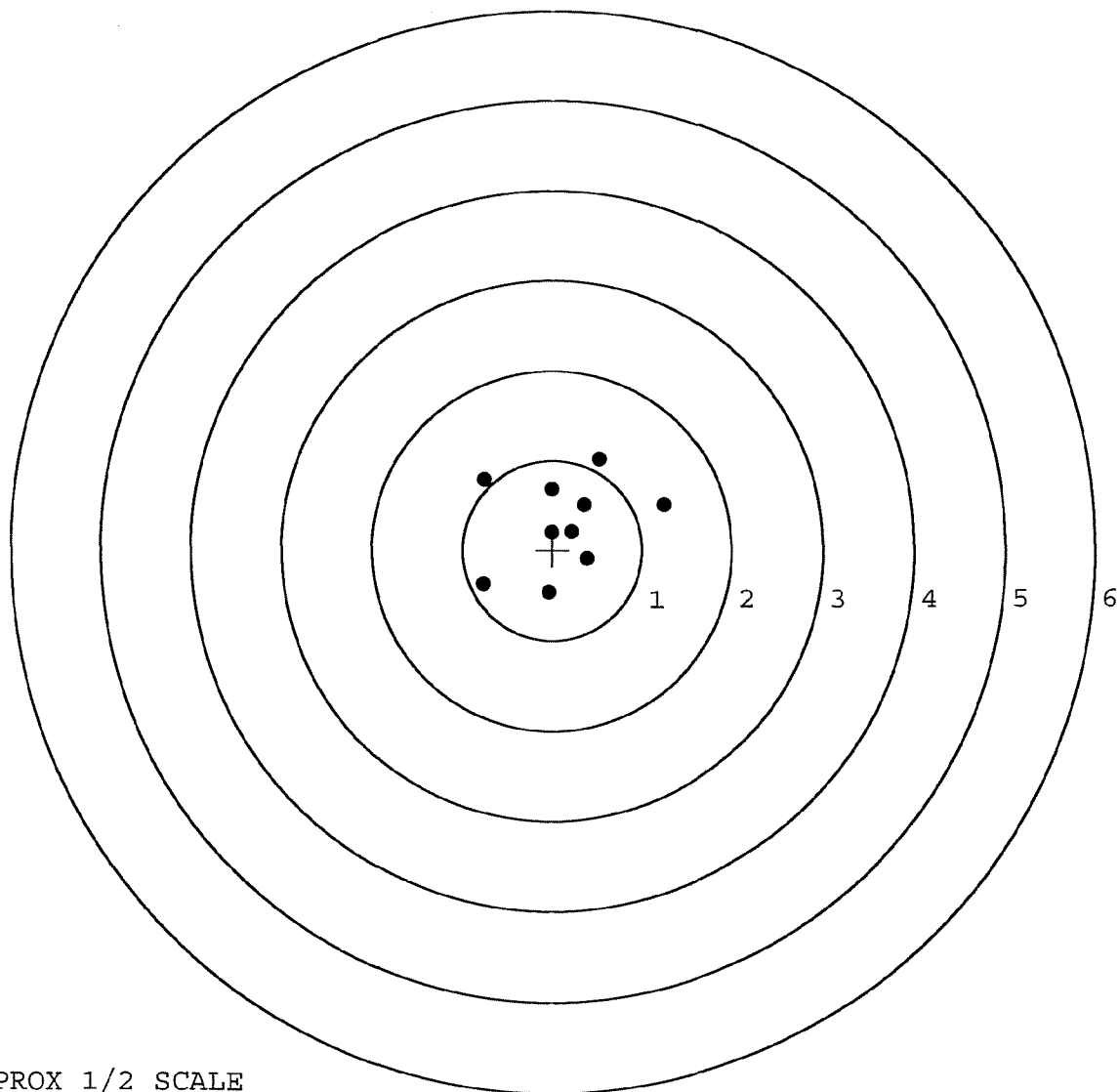
MAX RADIUS: 1.154

MEAN RADIUS: 0.639

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10



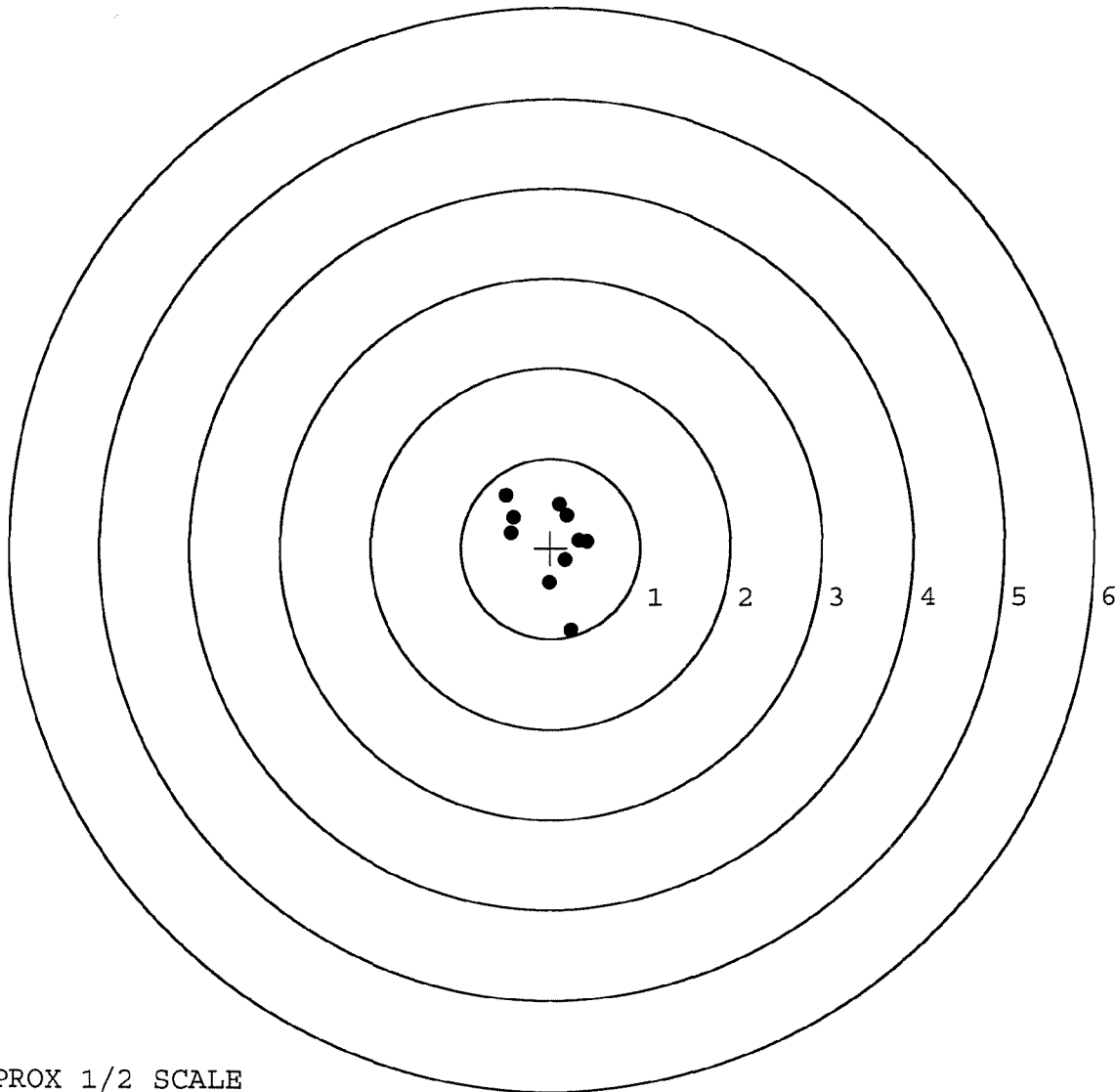
TARGET APPROX 1/2 SCALE

**BARBER - M24 0140196**

SERIAL NUMBER: G6623490. \_\_0  
 TARGET NUMBER: 5  
 FILE DATE: 01/16/2007  
 FILE TIME: 00:30

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.447 | 0.170  |
| 2:     | -0.425 | 0.342  |
| 3:     | -0.506 | 0.592  |
| 4:     | 0.096  | 0.489  |
| 5:     | 0.180  | 0.363  |
| 6:     | 0.408  | 0.073  |
| 7:     | 0.319  | 0.085  |
| 8:     | 0.161  | -0.139 |
| 9:     | -0.018 | -0.387 |
| 10:    | 0.232  | -0.914 |

X CENTROID: 0.000  
 Y CENTROID: 0.067  
 POA TO CENTROID: 0.067  
 HORZ SPREAD: 0.914  
 VERT SPREAD: 1.506  
 GROUP SPREAD: 1.677  
 MIN RADIUS: 0.262  
 MAX RADIUS: 1.008  
 MEAN RADIUS: 0.492  
 # IN 1 IN DIAMETER: 7  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE