

G 6680310

**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



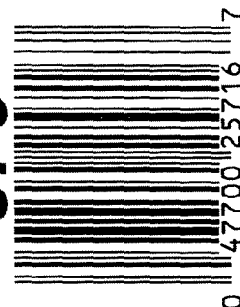
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

**G6680310**

**UPC**



**ORDER 25716**

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

**UPC**



**ORDER 25716**

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

**UPC**



SERIAL NO.



GUN SERIAL # G6680310

| OP #         | OPERATION NAME                                                                                                                         | READINGS            | DATE    | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------|---------|
| 410          | SERIALIZE BOLT HANDLE                                                                                                                  |                     | 8/13/07 | S.P.D.  |
| 420          | ASSEMBLE ACTION                                                                                                                        |                     | 8-10-07 | SD      |
| 430          | ASSEMBLE TO STOCK                                                                                                                      |                     | 8/10/07 | nan     |
| 440          | PROOF                                                                                                                                  | MAGNA - FLUX        | 8/10/07 | nan     |
| 460          | CHECK HEADSPACE                                                                                                                        | AUG 15 2007         | 8/10/07 | nan     |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    |                     | 8/13/07 | S.P.D.  |
| 480          | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR <u>NAB</u> | 8/15/07 | NAB     |
| 490          | MAGNAFLUX BOLT                                                                                                                         |                     |         |         |
| 500          | ROLLMARK CALIBER                                                                                                                       |                     | 8-14-07 | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                     | 8-14-07 | TRW     |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                     | 8-15-07 | ZY      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                     |         |         |
|              | (BOLT)                                                                                                                                 |                     | 8/16/07 | RB      |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                     |         |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                     | 8-27-07 | SD      |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                     | 8-27-07 | SD      |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                     | 8-27-07 | SD      |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                     | 8/31/07 | S.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> |                     |         |         |

F004 REV 5/2006

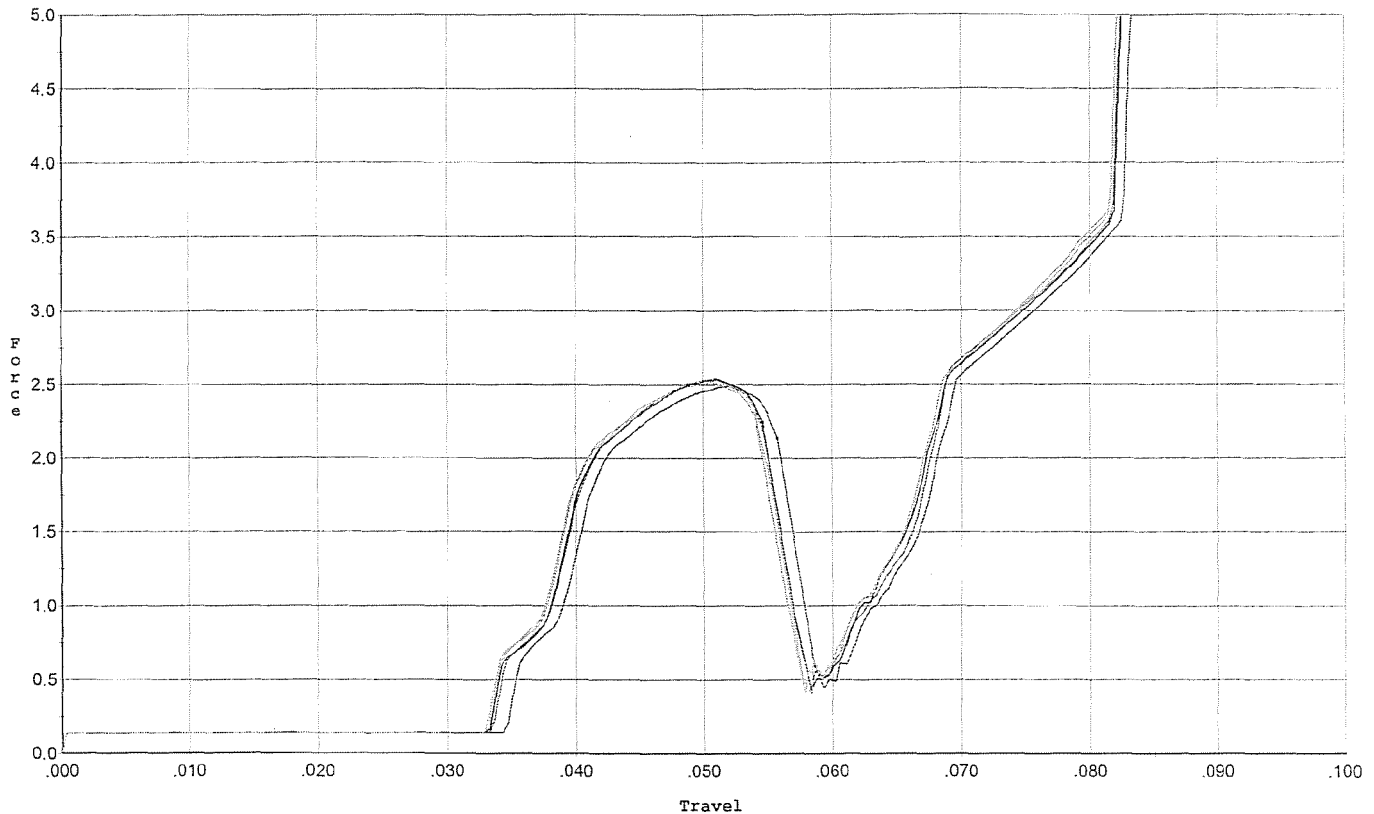
| OP #         | OPERATION NAME                                                           | READINGS                                                    | DATE    | INITIAL |
|--------------|--------------------------------------------------------------------------|-------------------------------------------------------------|---------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>55</u> <u>50</u> <u>55</u>                               | 9.5.07  | RA      |
| CONT.        |                                                                          |                                                             |         |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>30</u> <u>30</u> <u>30</u>                               | 9.5.07  | RA      |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             |         |         |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.0235</u> <u>.023</u> <u>.023</u>                        | 9.5.07  | RA      |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 8/31/07 | R.P.R.  |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 9.5.07  | RA      |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 9.5.07  | RT      |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 9.5.07  | RT      |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 9.5.07  | RT      |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 8/31/07 | RA      |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 8/31/07 | RP      |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 9.5.07  | RT      |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.36</u> <u>2.25</u> <u>2.38</u> <u>2.52</u> <u>2.53</u> | 9/4/07  | RP      |
|              | C) FUNCTION                                                              |                                                             |         |         |
| 690          | PACK                                                                     |                                                             | 9.5.07  | RA      |

F004 REV 5/2006

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 6/14/07

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



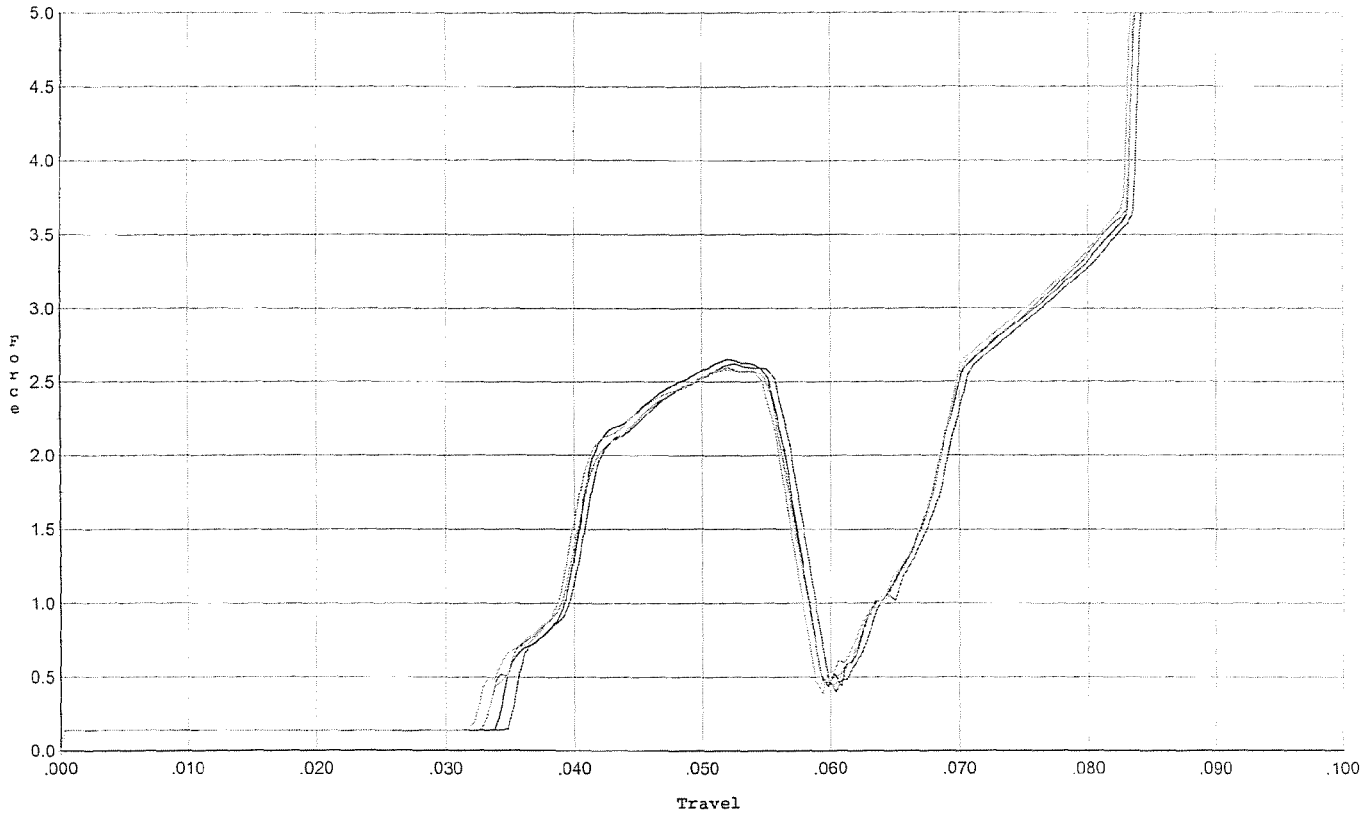
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.487      | 0.056             | 0.035           | 0.034      | 0.046             |           | Set Trigger |
| 2 | 2.536      | 0.055             | 0.034           | 0.034      | 0.046             |           | Set Trigger |
| 3 | 2.531      | 0.055             | 0.034           | 0.034      | 0.046             |           | Set Trigger |
| 4 | 2.518      | 0.054             | 0.033           | 0.034      | 0.046             |           | Set Trigger |
| 5 | 2.537      | 0.055             | 0.034           | 0.034      | 0.047             |           | Set Trigger |

2.52 Avg.

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 6/14/07

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



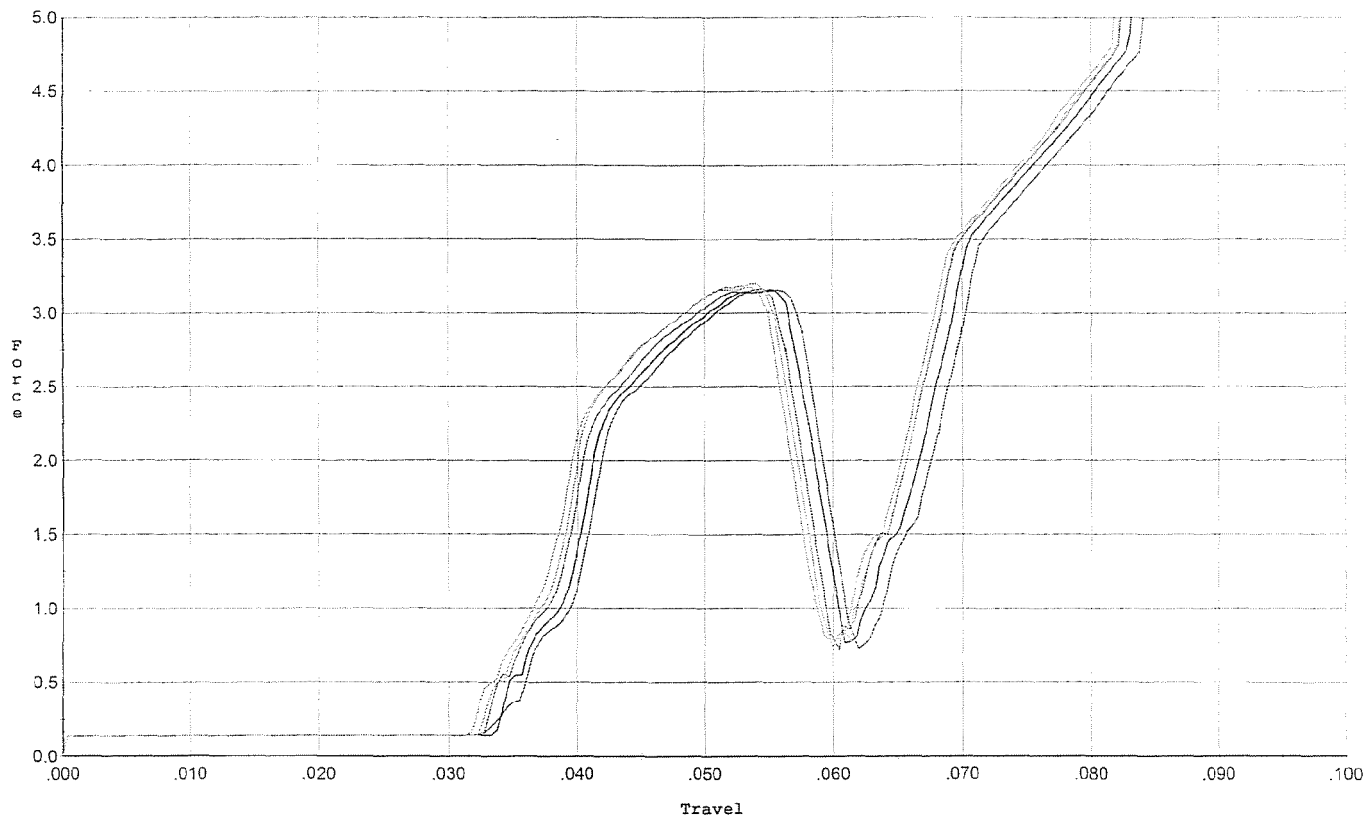
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.621      | 0.057             | 0.035           | 0.034      | 0.049             |           | Set Trigger |
| 2 | 2.649      | 0.056             | 0.034           | 0.034      | 0.049             |           | Set Trigger |
| 3 | 2.596      | 0.057             | 0.033           | 0.033      | 0.049             |           | Set Trigger |
| 4 | 2.582      | 0.055             | 0.033           | 0.034      | 0.047             |           | Set Trigger |
| 5 | 2.588      | 0.056             | 0.033           | 0.033      | 0.049             |           | Set Trigger |

261 Avg.

## Trigger Profile [ lbs,inch ]

Profile: SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 6/14/07

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



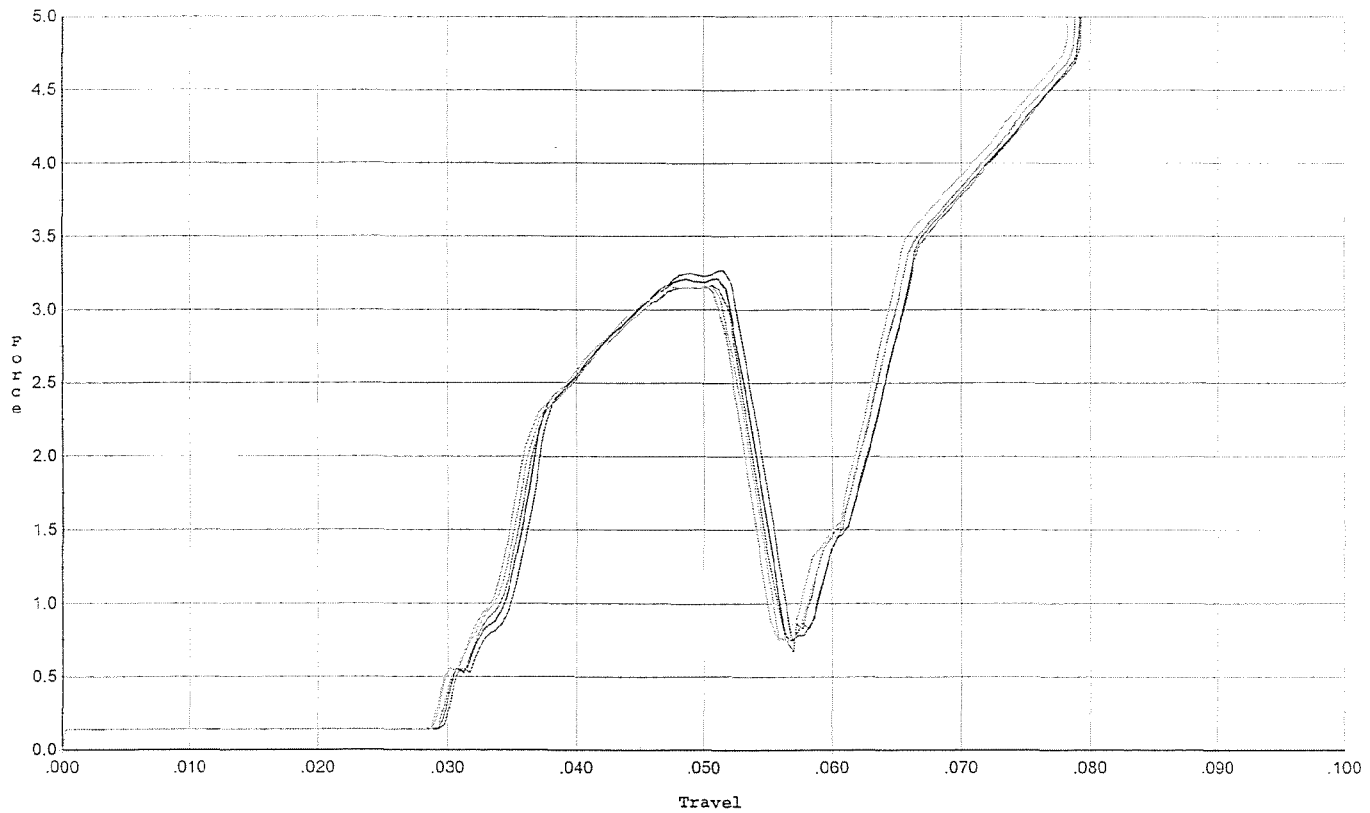
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.155      | 0.058             | 0.034           | 0.032      | 0.059             |           | Set Trigger |
| 2 | 3.162      | 0.058             | 0.034           | 0.031      | 0.060             |           | Set Trigger |
| 3 | 3.165      | 0.056             | 0.033           | 0.031      | 0.059             |           | Set Trigger |
| 4 | 3.198      | 0.055             | 0.033           | 0.032      | 0.059             |           | Set Trigger |
| 5 | 3.174      | 0.055             | 0.032           | 0.032      | 0.058             |           | Set Trigger |

3.17 Avg.

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: M. McKinney 6/14/07

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



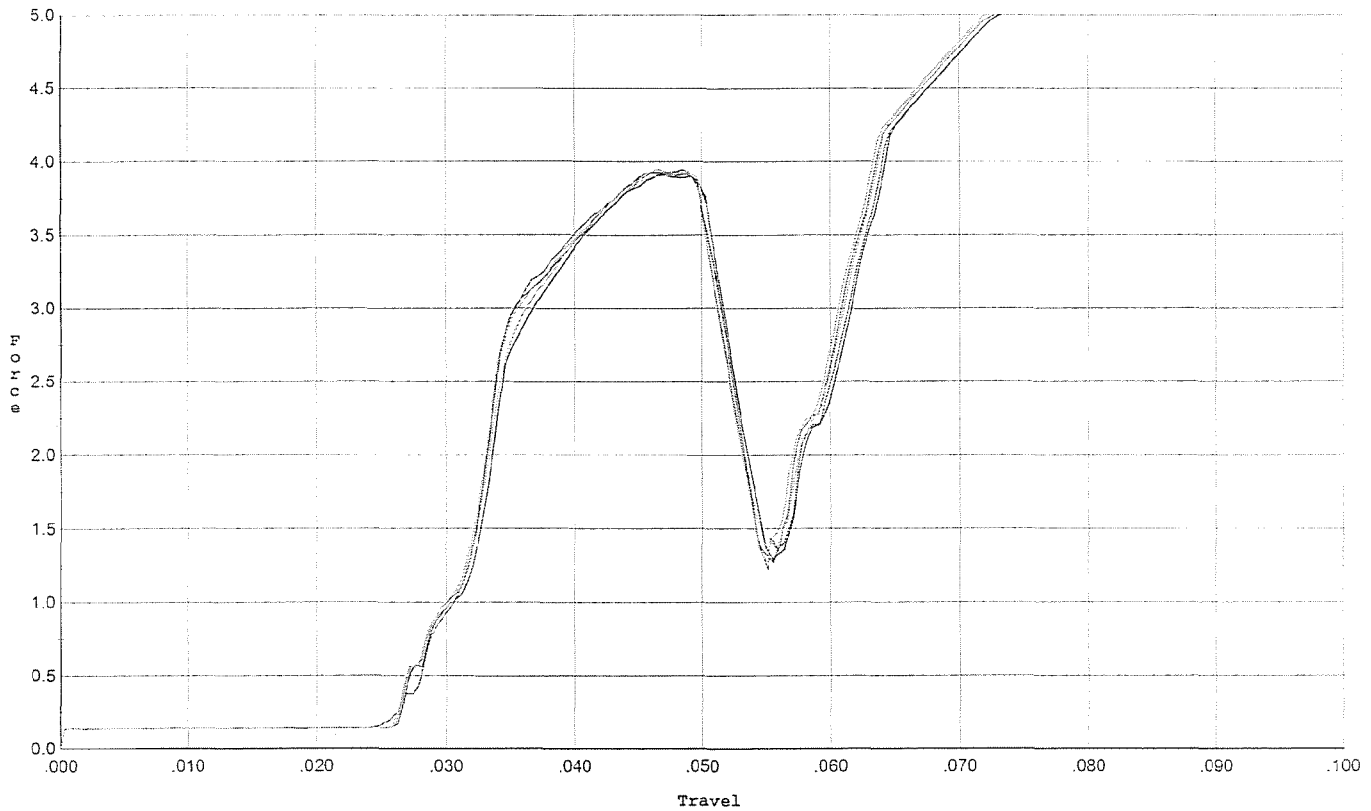
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.266      | 0.054             | 0.030           | 0.031      | 0.060             |           | Set Trigger |
| 2 | 3.209      | 0.053             | 0.030           | 0.031      | 0.059             |           | Set Trigger |
| 3 | 3.171      | 0.052             | 0.030           | 0.031      | 0.057             |           | Set Trigger |
| 4 | 3.161      | 0.053             | 0.029           | 0.031      | 0.058             |           | Set Trigger |
| 5 | 3.162      | 0.052             | 0.029           | 0.031      | 0.057             |           | Set Trigger |

3.19 Avg.

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: M. McKinney 6/14/07

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



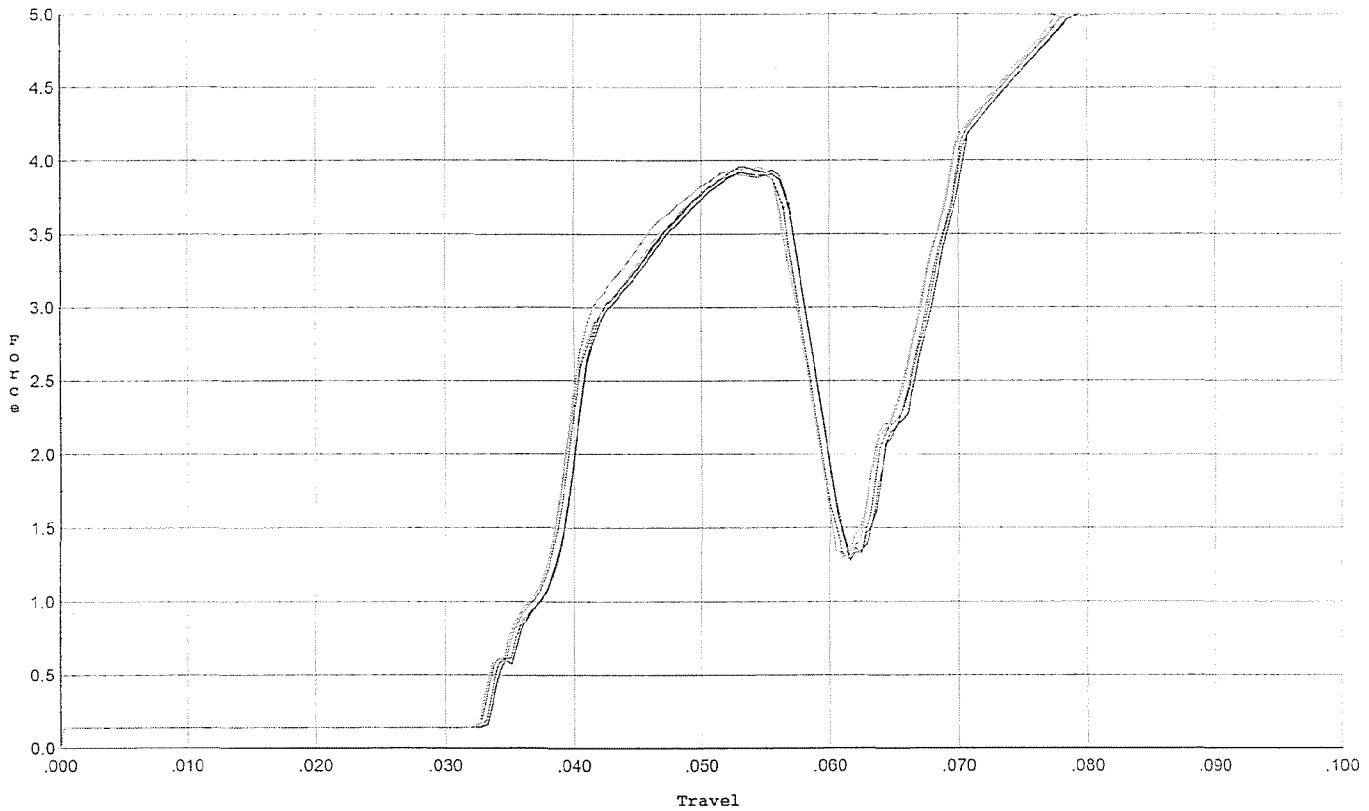
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.929      | 0.051             | 0.027           | 0.029      | 0.074             |           | Set Trigger |
| 2 | 3.912      | 0.050             | 0.027           | 0.029      | 0.072             |           | Set Trigger |
| 3 | 3.947      | 0.050             | 0.027           | 0.029      | 0.072             |           | Set Trigger |
| 4 | 3.932      | 0.050             | 0.026           | 0.029      | 0.072             |           | Set Trigger |
| 5 | 3.950      | 0.050             | 0.027           | 0.029      | 0.073             |           | Set Trigger |

3.93 Avg

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 6/14/07

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



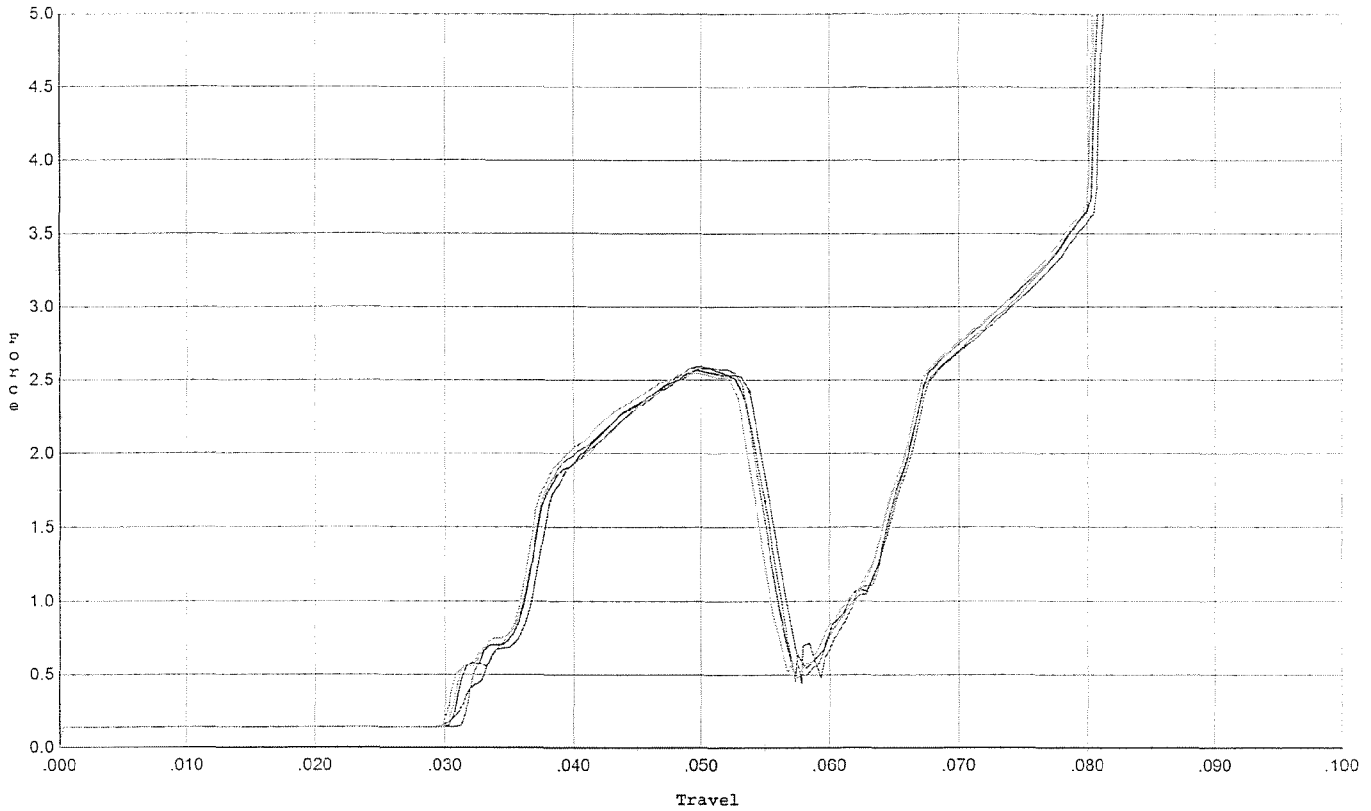
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.958      | 0.057             | 0.033           | 0.030      | 0.074             |           | Set Trigger |
| 2 | 3.923      | 0.057             | 0.034           | 0.030      | 0.073             |           | Set Trigger |
| 3 | 3.913      | 0.056             | 0.033           | 0.030      | 0.073             |           | Set Trigger |
| 4 | 3.913      | 0.057             | 0.033           | 0.030      | 0.074             |           | Set Trigger |
| 5 | 3.959      | 0.057             | 0.033           | 0.030      | 0.076             |           | Set Trigger |

3.93 Avg.

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: M. McKinney 6/14/07

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



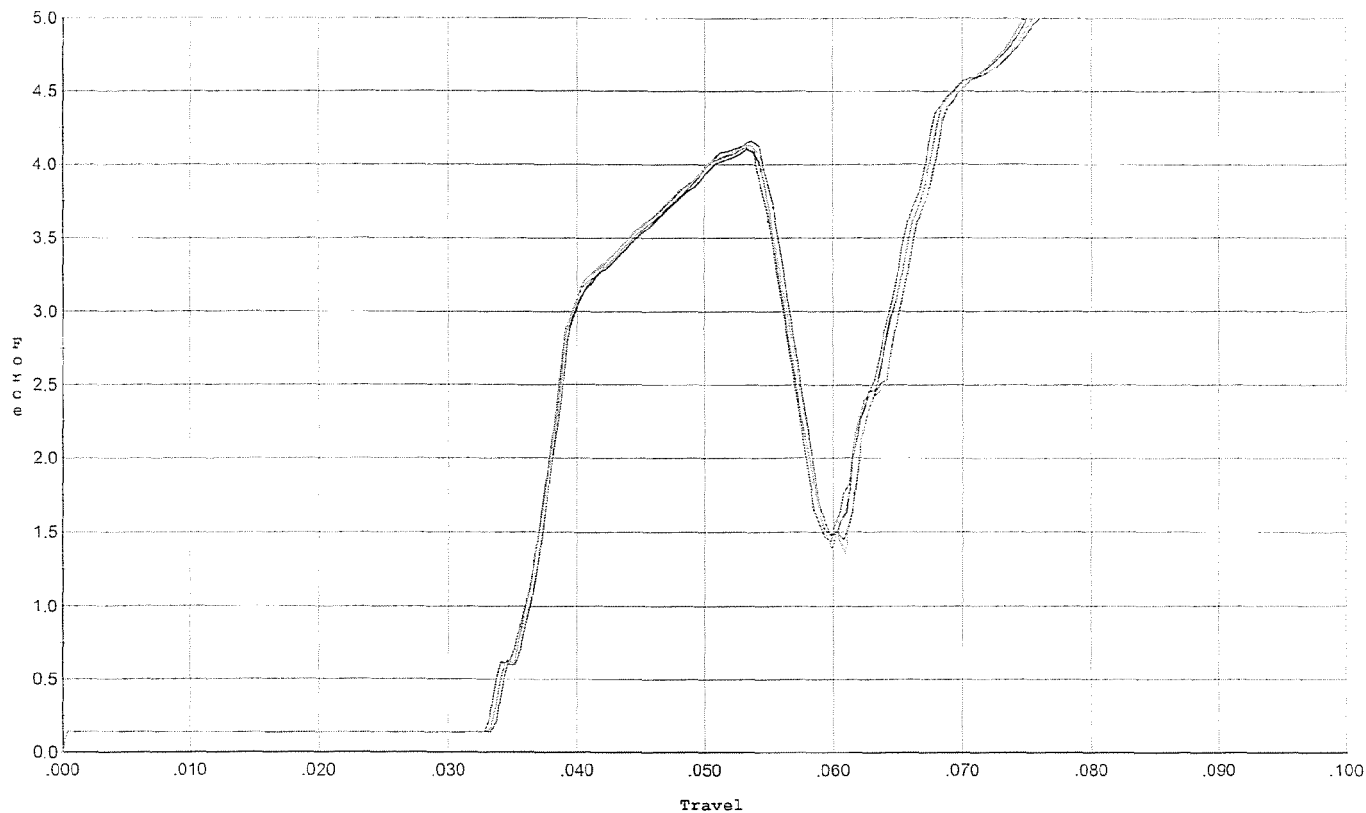
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.582      | 0.054             | 0.032           | 0.033      | 0.047             |           | Set Trigger |
| 2 | 2.565      | 0.053             | 0.031           | 0.033      | 0.047             |           | Set Trigger |
| 3 | 2.596      | 0.055             | 0.032           | 0.032      | 0.049             |           | Set Trigger |
| 4 | 2.553      | 0.053             | 0.030           | 0.033      | 0.047             |           | Set Trigger |
| 5 | 2.547      | 0.053             | 0.031           | 0.033      | 0.047             |           | Set Trigger |

2.57 Avg.

## Trigger Profile [ lbs,inch ]

Profile: SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 6/14/07

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 | 4.162      | 0.055             | 0.034           | 0.030      | 0.075             |           | Set Trigger |
| 2 | 4.106      | 0.054             | 0.034           | 0.030      | 0.073             |           | Set Trigger |
| 3 | 4.117      | 0.055             | 0.033           | 0.029      | 0.074             |           | Set Trigger |
| 4 | 4.133      | 0.057             | 0.034           | 0.030      | 0.077             |           | Set Trigger |
| 5 | 4.138      | 0.054             | 0.034           | 0.030      | 0.073             |           | Set Trigger |

4.13 Avg.

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6680310.\_\_\_0  
FILE DATE AND TIME: 09/04/2007 08:17

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:              | -0.037 |
| The Average Point of Impact of the Five Target Set:         | 0.039  |
| The Average Mean Radius of the Five Target Set:             | 0.662  |
| The Distance from POA to Centroid Target #1:                | 0.070  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.147  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.081  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.030  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.196  |

SERIAL NUMBER: G6680310. \_\_0

TARGET NUMBER: 1

FILE DATE: 09/04/2007

FILE TIME: 08:17

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.610  | 0.741  |
| 2:     | 0.009  | 0.694  |
| 3:     | 0.548  | -0.746 |
| 4:     | 0.344  | -0.490 |
| 5:     | -0.362 | -0.349 |
| 6:     | 0.055  | -0.258 |
| 7:     | 0.167  | 0.102  |
| 8:     | -0.217 | 0.232  |
| 9:     | -0.388 | 0.000  |
| 10:    | -0.077 | -0.070 |

X CENTROID: 0.069

Y CENTROID: -0.014

POA TO CENTROID: 0.070

HORZ SPREAD: 0.998

VERT SPREAD: 1.487

GROUP SPREAD: 1.488

MIN RADIUS: 0.152

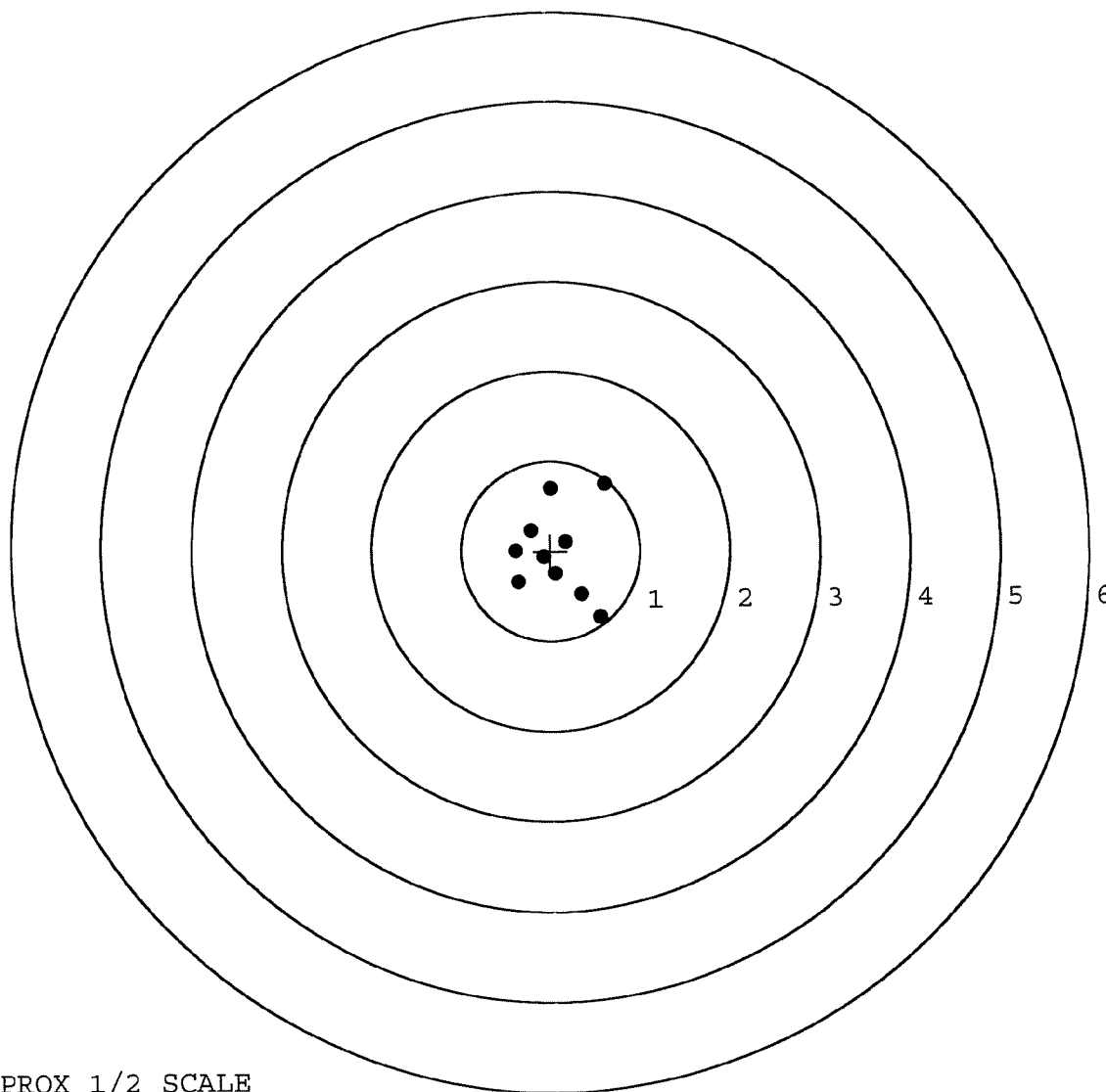
MAX RADIUS: 0.929

MEAN RADIUS: 0.500

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



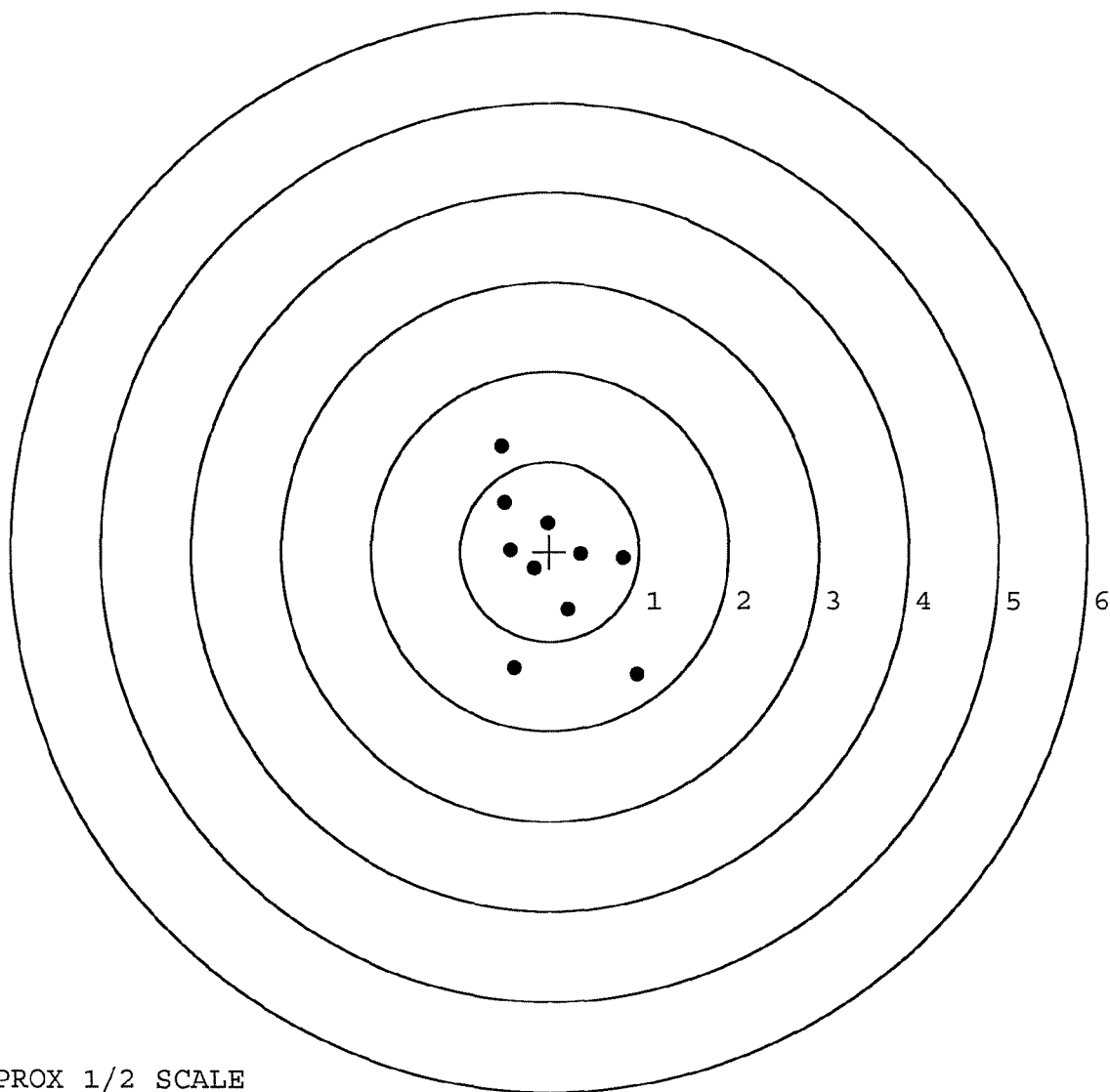
TARGET APPROX 1/2 SCALE

**BARBER - M24 0174995**

SERIAL NUMBER: G6680310. \_\_0  
 TARGET NUMBER: 2  
 FILE DATE: 09/04/2007  
 FILE TIME: 08:17

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.977  | -1.377 |
| 2:     | -0.397 | -1.301 |
| 3:     | 0.205  | -0.648 |
| 4:     | 0.821  | -0.079 |
| 5:     | 0.351  | -0.028 |
| 6:     | -0.168 | -0.189 |
| 7:     | -0.436 | 0.023  |
| 8:     | -0.020 | 0.324  |
| 9:     | -0.506 | 0.553  |
| 10:    | -0.538 | 1.168  |

X CENTROID: 0.029  
 Y CENTROID: -0.155  
 POA TO CENTROID: 0.158  
 HORZ SPREAD: 1.515  
 VERT SPREAD: 2.545  
 GROUP SPREAD: 2.962  
 MIN RADIUS: 0.200  
 MAX RADIUS: 1.546  
 MEAN RADIUS: 0.794  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 7  
 # in 3 IN DIAMETER: 9

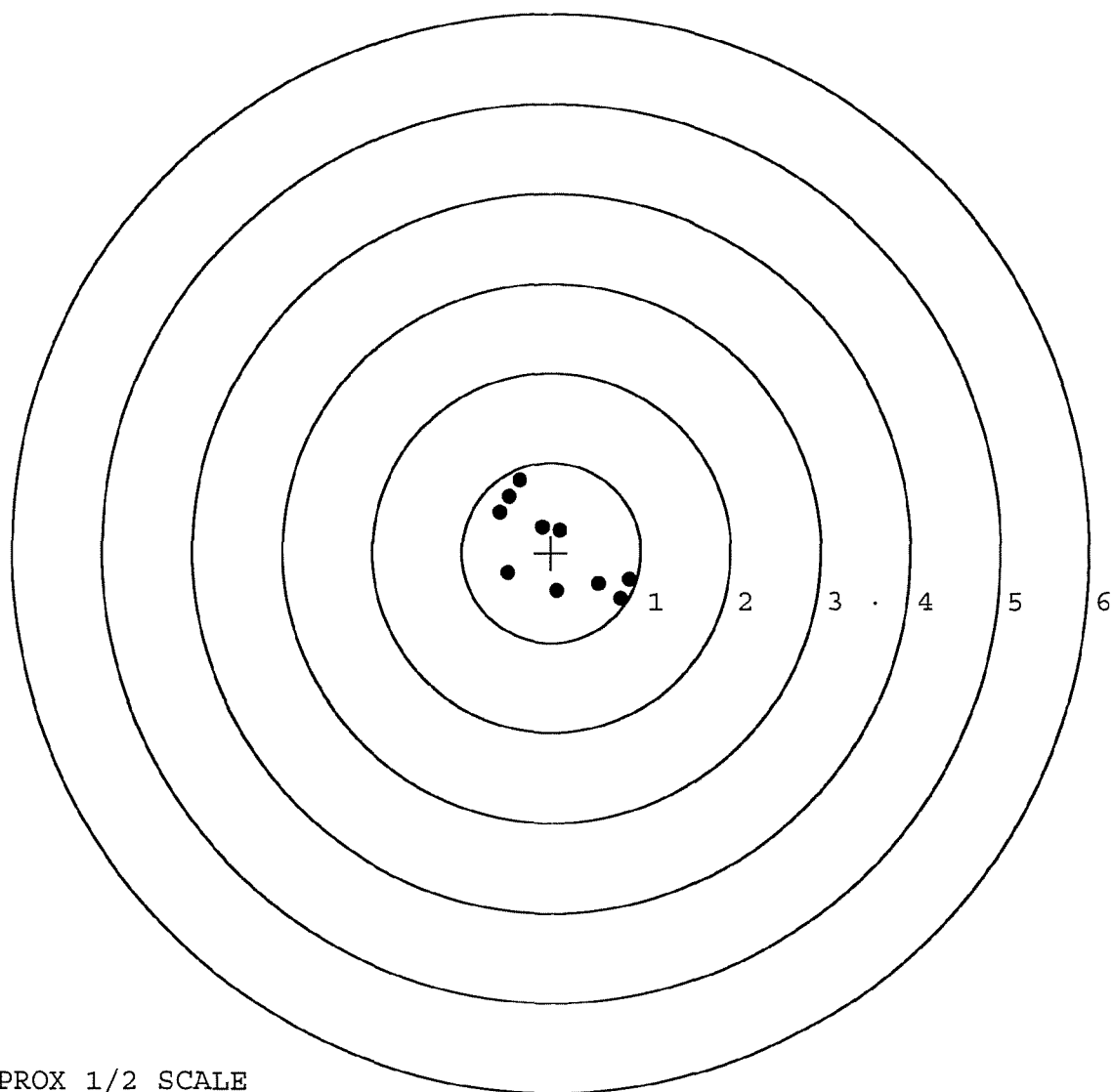


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6680310. 0  
 TARGET NUMBER: 3  
 FILE DATE: 09/04/2007  
 FILE TIME: 08:17

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.529  | -0.350 |
| 2:     | 0.878  | -0.301 |
| 3:     | 0.776  | -0.516 |
| 4:     | 0.060  | -0.425 |
| 5:     | -0.483 | -0.231 |
| 6:     | 0.094  | 0.247  |
| 7:     | -0.102 | 0.291  |
| 8:     | -0.349 | 0.804  |
| 9:     | -0.467 | 0.623  |
| 10:    | -0.576 | 0.449  |

X CENTROID: 0.036  
 Y CENTROID: 0.059  
 POA TO CENTROID: 0.069  
 HORZ SPREAD: 1.454  
 VERT SPREAD: 1.320  
 GROUP SPREAD: 1.734  
 MIN RADIUS: 0.197  
 MAX RADIUS: 0.937  
 MEAN RADIUS: 0.636  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 10  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0174997**

SERIAL NUMBER: G6680310. \_\_0

TARGET NUMBER: 4

FILE DATE: 09/04/2007

FILE TIME: 08:17

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.220  | 0.135  |
| 2:     | 0.602  | 0.537  |
| 3:     | 0.327  | 0.914  |
| 4:     | -0.326 | 0.562  |
| 5:     | -0.886 | 0.430  |
| 6:     | -0.538 | 0.178  |
| 7:     | -0.364 | -0.168 |
| 8:     | 0.019  | -0.507 |
| 9:     | 0.452  | -0.222 |
| 10:    | -0.115 | -2.032 |

X CENTROID: 0.039

Y CENTROID: -0.017

POA TO CENTROID: 0.043

HORZ SPREAD: 2.106

VERT SPREAD: 2.946

GROUP SPREAD: 2.979

MIN RADIUS: 0.430

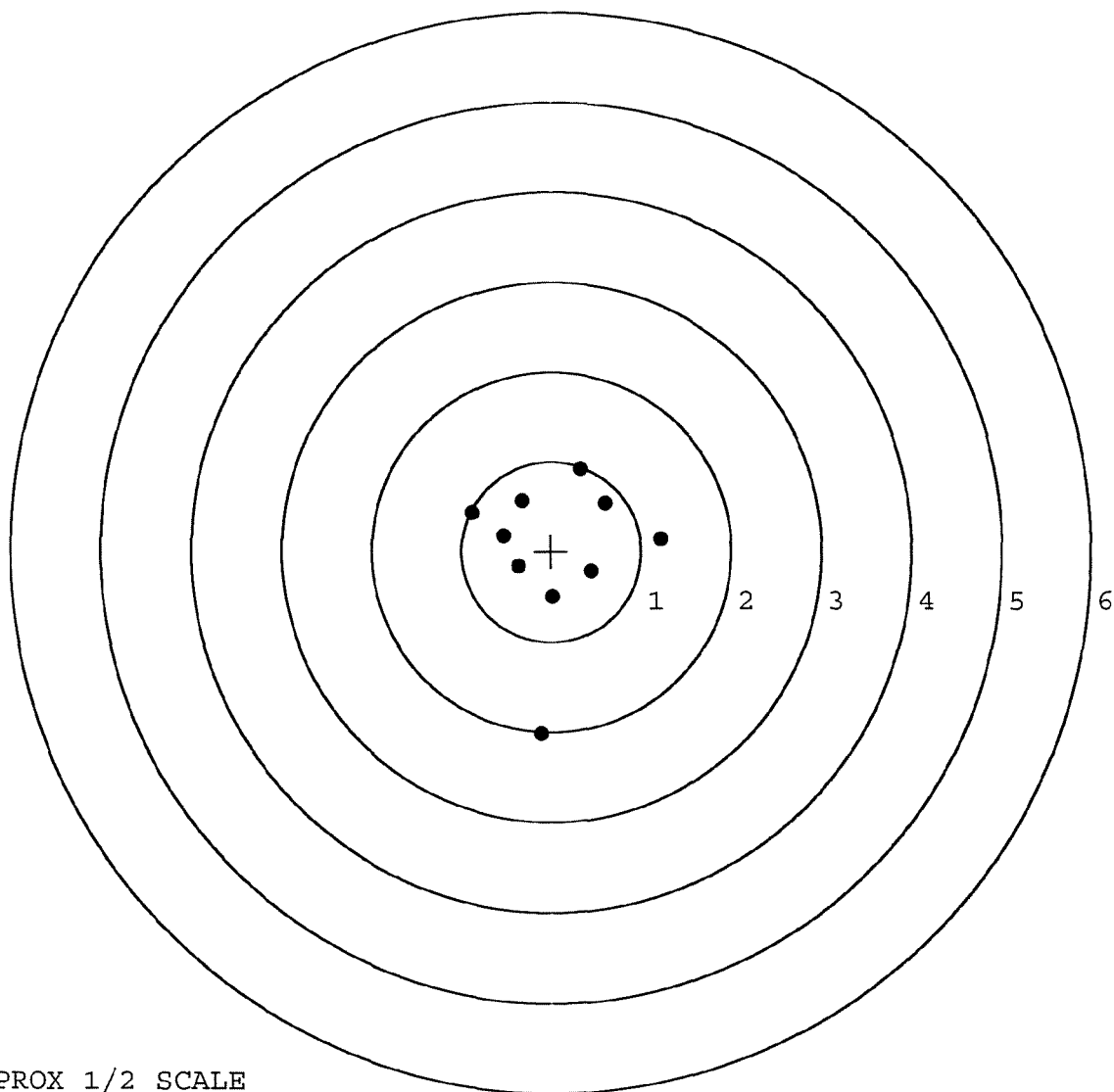
MAX RADIUS: 2.021

MEAN RADIUS: 0.868

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 9



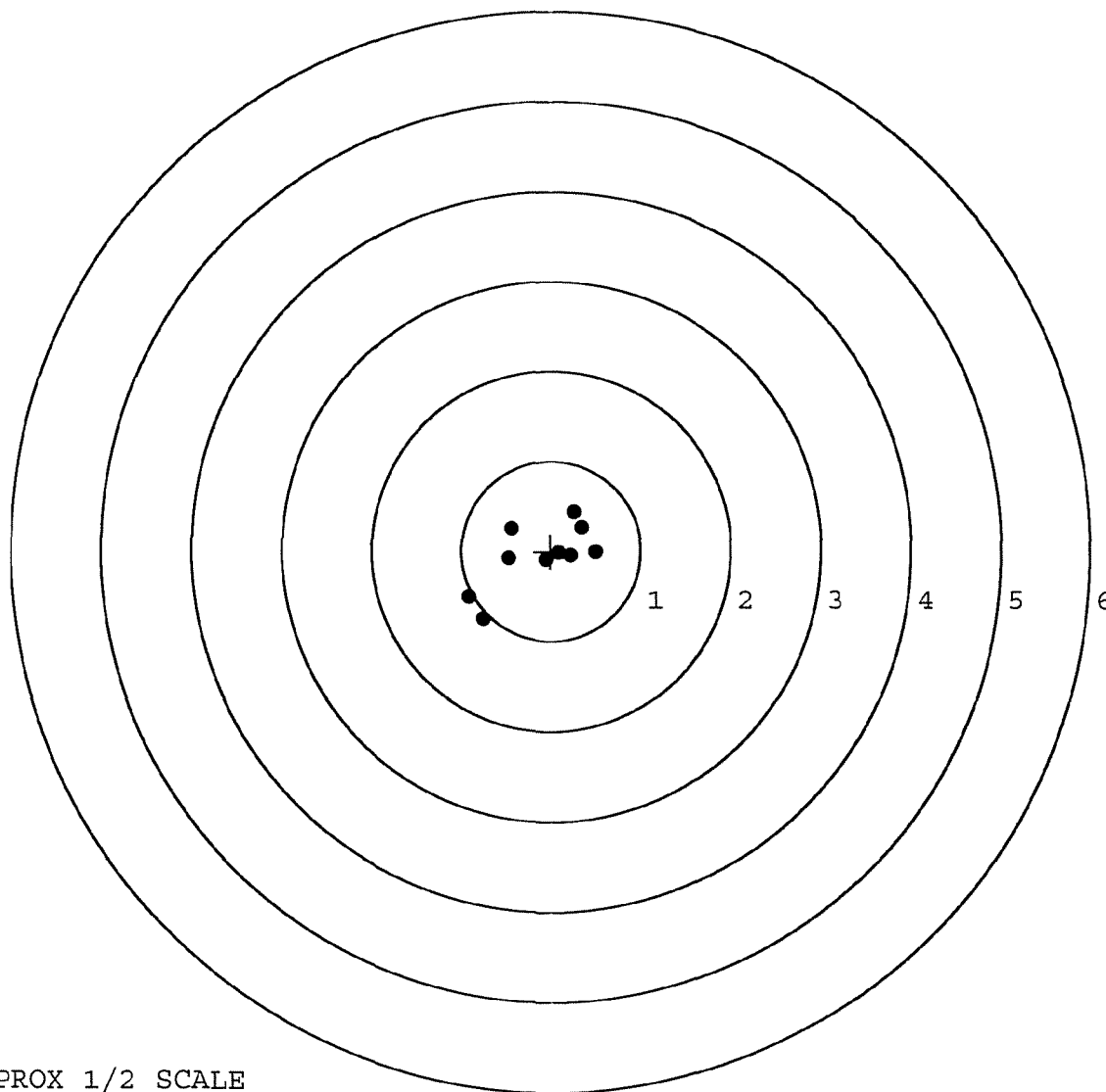
TARGET APPROX 1/2 SCALE

**BARBER - M24 0174998**

SERIAL NUMBER: G6680310. \_\_0  
 TARGET NUMBER: 5  
 FILE DATE: 09/04/2007  
 FILE TIME: 08:17

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.759 | -0.761 |
| 2:     | -0.914 | -0.514 |
| 3:     | 0.257  | 0.439  |
| 4:     | 0.346  | 0.263  |
| 5:     | 0.502  | -0.010 |
| 6:     | -0.445 | 0.247  |
| 7:     | -0.473 | -0.086 |
| 8:     | 0.224  | -0.047 |
| 9:     | -0.056 | -0.100 |
| 10:    | 0.093  | -0.019 |

X CENTROID: -0.122  
 Y CENTROID: -0.059  
 POA TO CENTROID: 0.136  
 HORZ SPREAD: 1.416  
 VERT SPREAD: 1.200  
 GROUP SPREAD: 1.572  
 MIN RADIUS: 0.078  
 MAX RADIUS: 0.948  
 MEAN RADIUS: 0.512  
 # IN 1 IN DIAMETER: 5  
 # IN 2 IN DIAMETER: 10  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE