

662354 G

**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



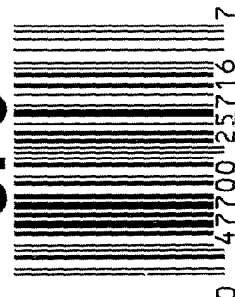
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

**G6623546**

**UPC**



**ORDER — 25716**

M/24 7.62 NATO S.W.S. (COMPLETE SYS1

**UPC**



**ORDER 25716**

M/24 7.62 NATO S.W.S. (COMPLETE SYS1

**UPC**



SERIAL NO.



GUN SERIAL #

G6623546

| OP #         | OPERATION NAME                                                 | READINGS                | DATE     | INITIAL |
|--------------|----------------------------------------------------------------|-------------------------|----------|---------|
| 410          | SERIALIZE BOLT HANDLE                                          |                         | 11-28-06 | BLC     |
| 420          | ASSEMBLE ACTION                                                |                         | 11-28-06 | BLC     |
| 430          | ASSEMBLE TO STOCK                                              |                         | 11-30-06 | RP      |
| 440          | PROOF                                                          |                         | 11-30-06 | TRW     |
| 460          | CHECK HEADSPACE                                                | MAGNA-FLUX<br>INSPECTED | 11-30-06 | TRW     |
| 470          | DIS-ASSEMBLE ACTION                                            | DEC 01 2006             | 11-30-06 | BLC     |
| 480          | MAGNAFLUX BBL ACTION                                           | OPERATOR APD            | 12-01-06 | APD     |
| 490          | MAGNAFLUX BOLT                                                 |                         |          |         |
| 500          | ROLLMARK CALIBER                                               |                         | 12-1-06  | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                   |                         | 11-30-06 | SD      |
| 520          | GOFF BLAST BBL / REC                                           |                         | 12/1/06  | W.S.    |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                              |                         |          |         |
|              | (BOLT)                                                         |                         | 12/12/06 | FB      |
| 560          | RE-ASSEMBLE ACTION                                             |                         |          |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                            |                         | 12-14-06 | L.P.D.  |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD |                         | 12-14-06 | L.P.D.  |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                         |                         | 12-14-06 | L.P.D.  |
|              | D) OIL FIRING PIN ASSEMBLY                                     |                         | 12-14-06 | L.P.D.  |
|              | E) ADJUST TRIGGER PULL<br>TO MIN. SETTING AND<br>STAKE         | 2.50 LBS +/- .5 LBS     | 12/20/06 | W.S.    |

F004 REV 5/2006

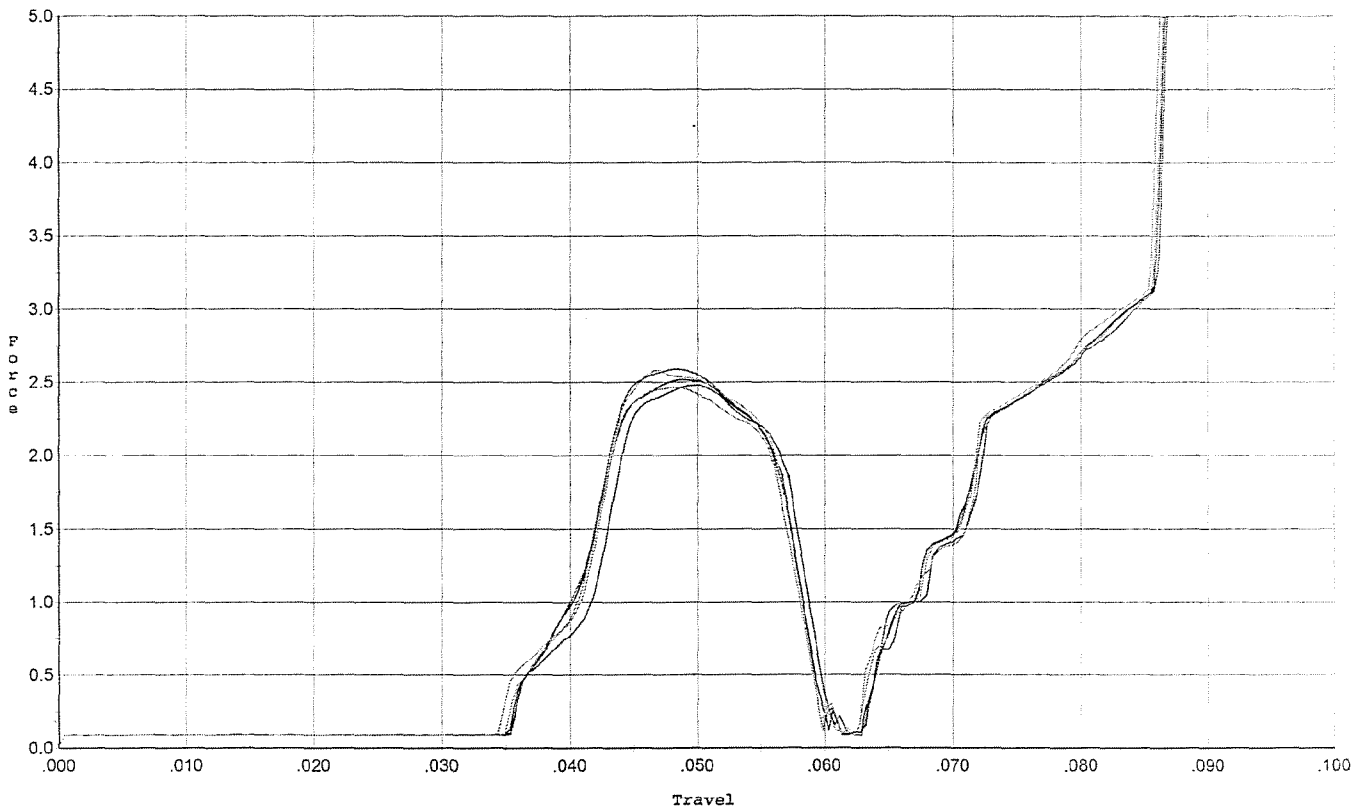
| OP #  | OPERATION NAME                                                           | READINGS                                                    | DATE            | INITIAL       |
|-------|--------------------------------------------------------------------------|-------------------------------------------------------------|-----------------|---------------|
| 560   | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>6.0</u> <u>6.0</u> <u>6.0</u>                            | <u>12/19/06</u> | <u>nom</u>    |
| CONT. | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>3.0</u> <u>3.0</u> <u>3.0</u>                            | <u>12/19/06</u> | <u>nom</u>    |
|       | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             | <u>12/20/06</u> | <u>nom</u>    |
|       | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.024</u> <u>.024</u> <u>.025</u>                         | <u>12/19/06</u> | <u>nom</u>    |
|       | J) ASSEMBLE STOCK                                                        |                                                             | <u>12-14-06</u> | <u>L.P.D.</u> |
|       | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | <u>12/20/06</u> | <u>nom</u>    |
|       | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | <u>12/20/06</u> | <u>nom</u>    |
|       | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | <u>12/20/06</u> | <u>nom</u>    |
|       | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | <u>12/20/06</u> | <u>nom</u>    |
| 640 & | FUNCTION TEST AND                                                        | <u>PASS</u> FAIL                                            | <u>12-19-06</u> | <u>TRW</u>    |
| 650   | TARGET                                                                   | <u>PASS</u> FAIL                                            |                 |               |
|       | MALFUNCTION                                                              | CORRECTION                                                  | N/A             |               |
|       | MALFUNCTION                                                              | CORRECTION                                                  |                 |               |
|       | MALFUNCTION                                                              | CORRECTION                                                  |                 |               |
|       | MALFUNCTION                                                              | CORRECTION                                                  |                 |               |
| 660   | INSPECT FOR LIVE AMMO                                                    |                                                             | <u>12-19-06</u> | <u>RP</u>     |
| 670   | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | <u>12/20/06</u> | <u>nom</u>    |
|       | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.59</u> <u>2.64</u> <u>2.58</u> <u>2.64</u> <u>2.55</u> | <u>12/19/06</u> | <u>nom</u>    |
|       | C) FUNCTION                                                              |                                                             | <u>12/20/06</u> | <u>nom</u>    |
| 690   | PACK                                                                     |                                                             | <u>2807</u>     | <u>RA</u>     |

F004 REV 5/2006

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 12/8/06

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



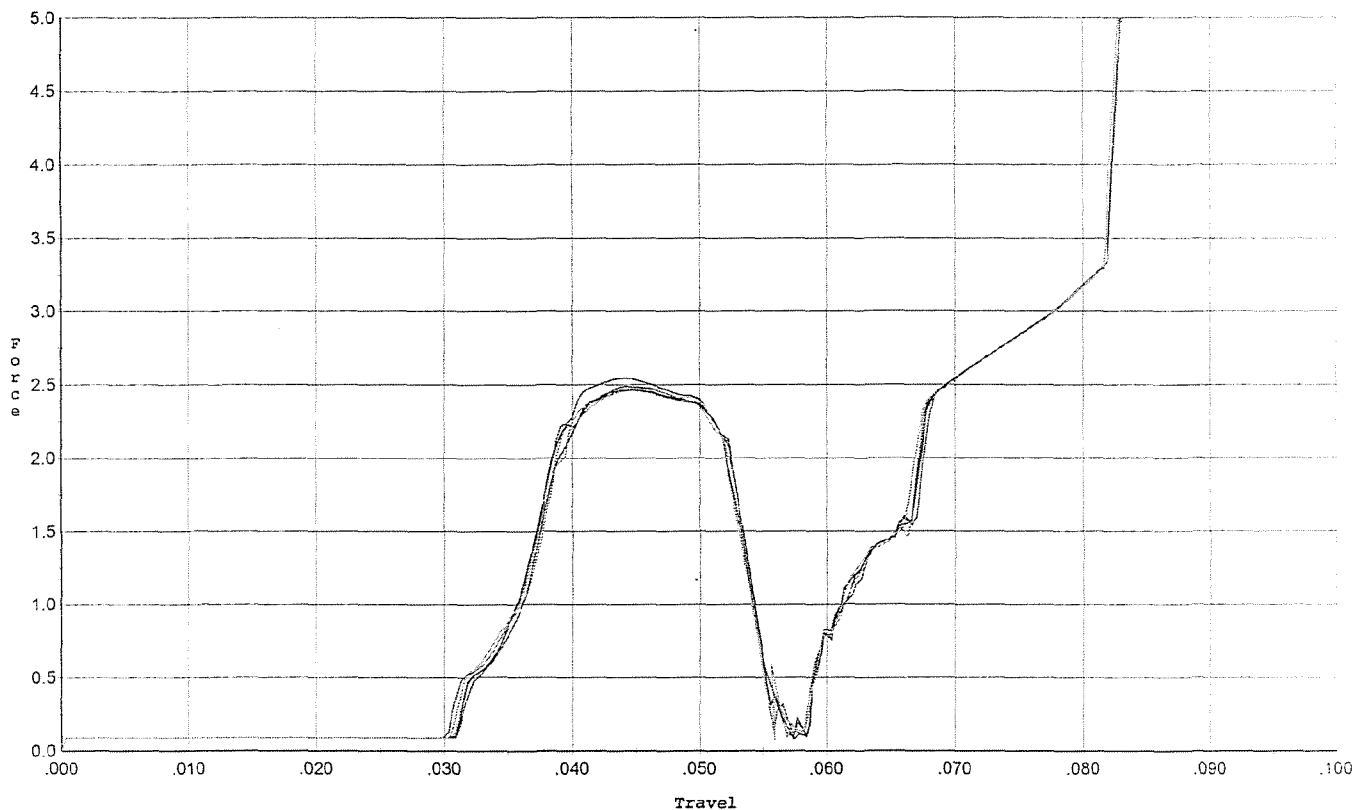
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.477      | 0.057             | 0.036           | 0.036      | 0.042             |           | Set Trigger |
| 2 | 2.518      | 0.057             | 0.036           | 0.036      | 0.043             |           | Set Trigger |
| 3 | 2.588      | 0.057             | 0.036           | 0.036      | 0.044             |           | Set Trigger |
| 4 | 2.581      | 0.057             | 0.035           | 0.036      | 0.044             |           | Set Trigger |
| 5 | 2.483      | 0.058             | 0.035           | 0.036      | 0.043             |           | Set Trigger |

Avg 2.52

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 12/8/06

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



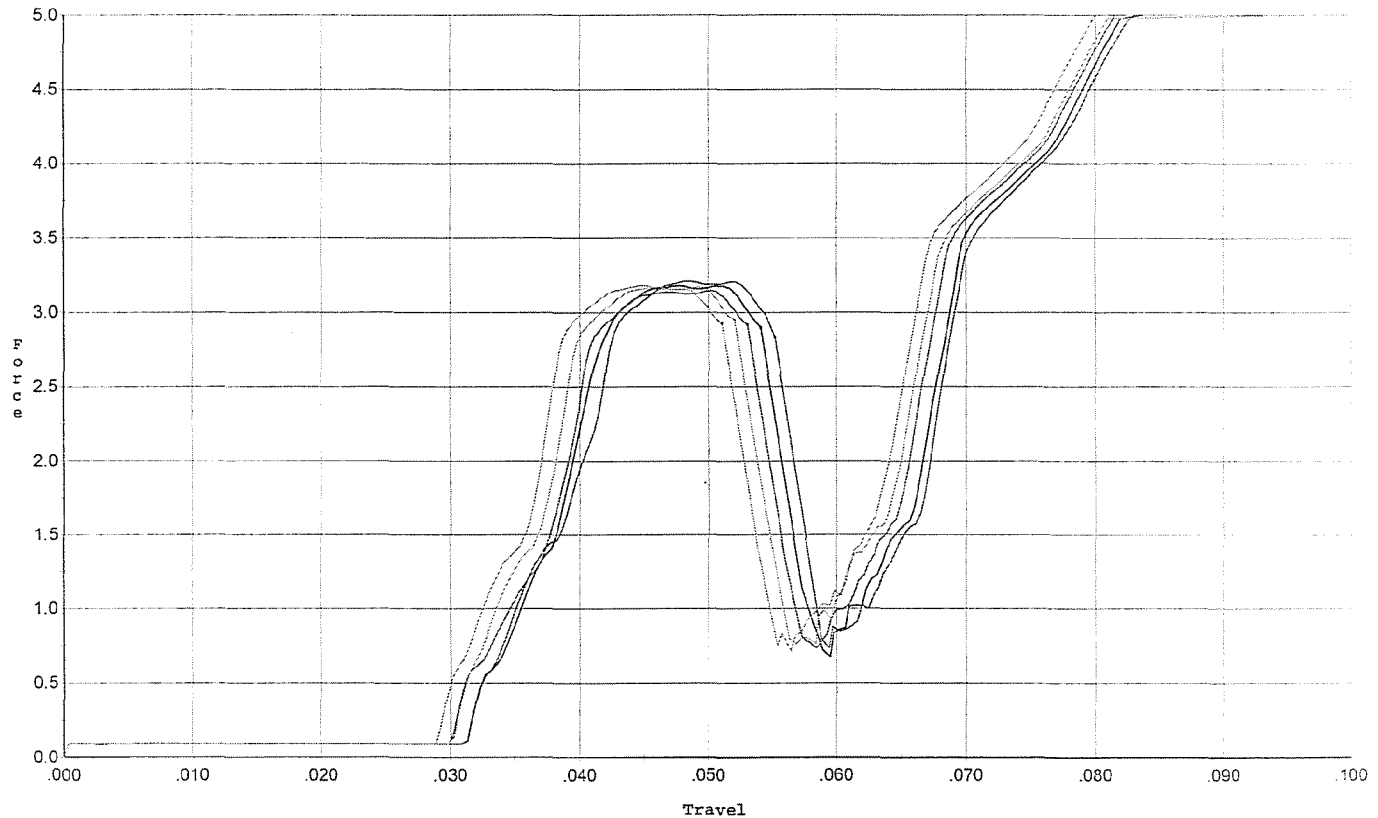
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.488      | 0.052             | 0.031           | 0.036      | 0.043             |           | Set Trigger |
| 2 | 2.465      | 0.052             | 0.031           | 0.036      | 0.044             |           | Set Trigger |
| 3 | 2.547      | 0.053             | 0.031           | 0.036      | 0.045             |           | Set Trigger |
| 4 | 2.474      | 0.053             | 0.031           | 0.036      | 0.043             |           | Set Trigger |
| 5 | 2.459      | 0.054             | 0.031           | 0.036      | 0.044             |           | Set Trigger |

AVG 2.48

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 12/8/06

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



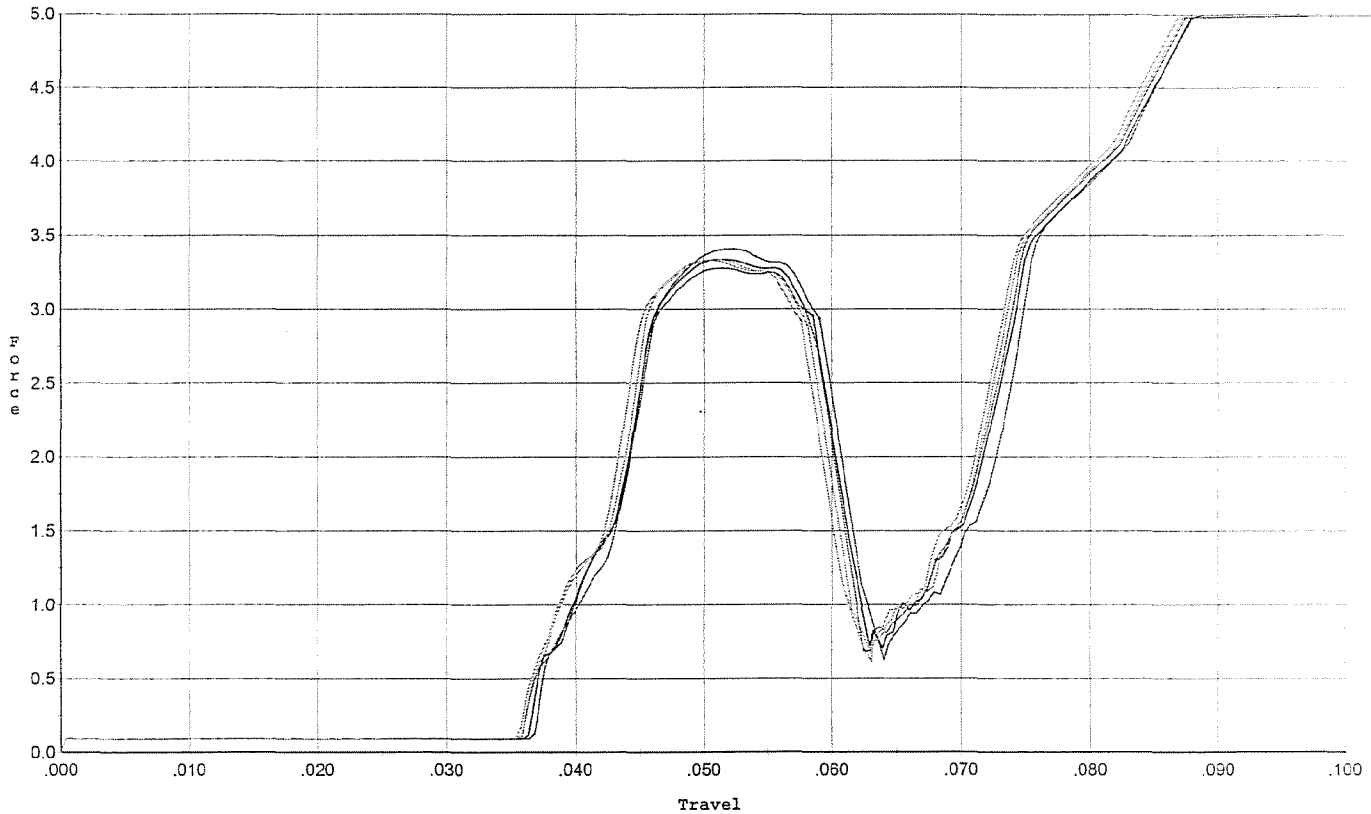
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.209      | 0.055             | 0.032           | 0.034      | 0.060             |           | Set Trigger |
| 2 | 3.182      | 0.054             | 0.032           | 0.034      | 0.057             |           | Set Trigger |
| 3 | 3.147      | 0.053             | 0.030           | 0.034      | 0.056             |           | Set Trigger |
| 4 | 3.174      | 0.052             | 0.031           | 0.034      | 0.056             |           | Set Trigger |
| 5 | 3.182      | 0.051             | 0.029           | 0.034      | 0.056             |           | Set Trigger |

Avg 3.17

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 12/8/06

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



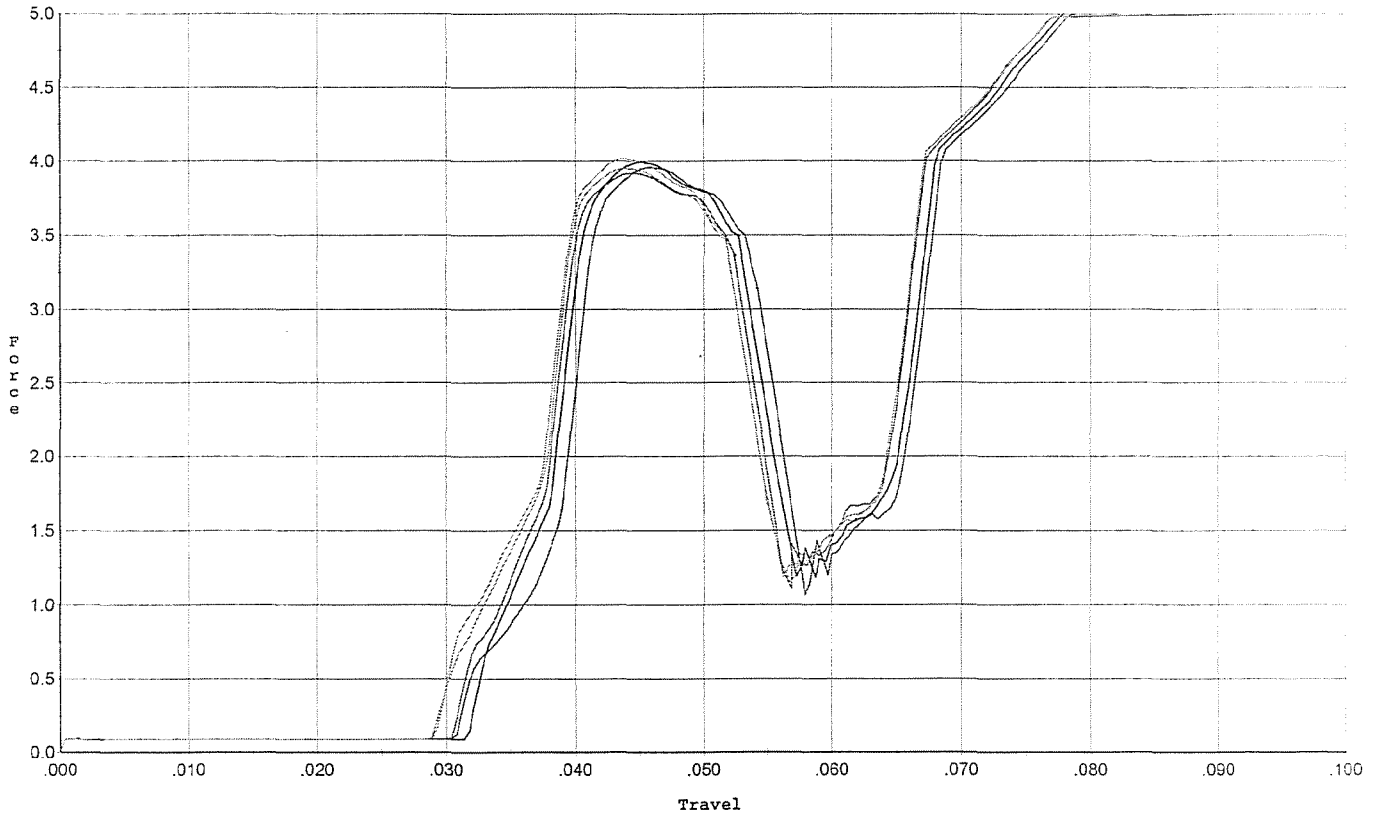
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.407      | 0.059             | 0.037           | 0.036      | 0.061             |           | Set Trigger |
| 2 | 3.335      | 0.059             | 0.037           | 0.036      | 0.060             |           | Set Trigger |
| 3 | 3.276      | 0.059             | 0.036           | 0.036      | 0.059             |           | Set Trigger |
| 4 | 3.336      | 0.058             | 0.036           | 0.036      | 0.059             |           | Set Trigger |
| 5 | 3.328      | 0.058             | 0.036           | 0.036      | 0.059             |           | Set Trigger |

Avg 3.33

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putsch 12/8/06

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



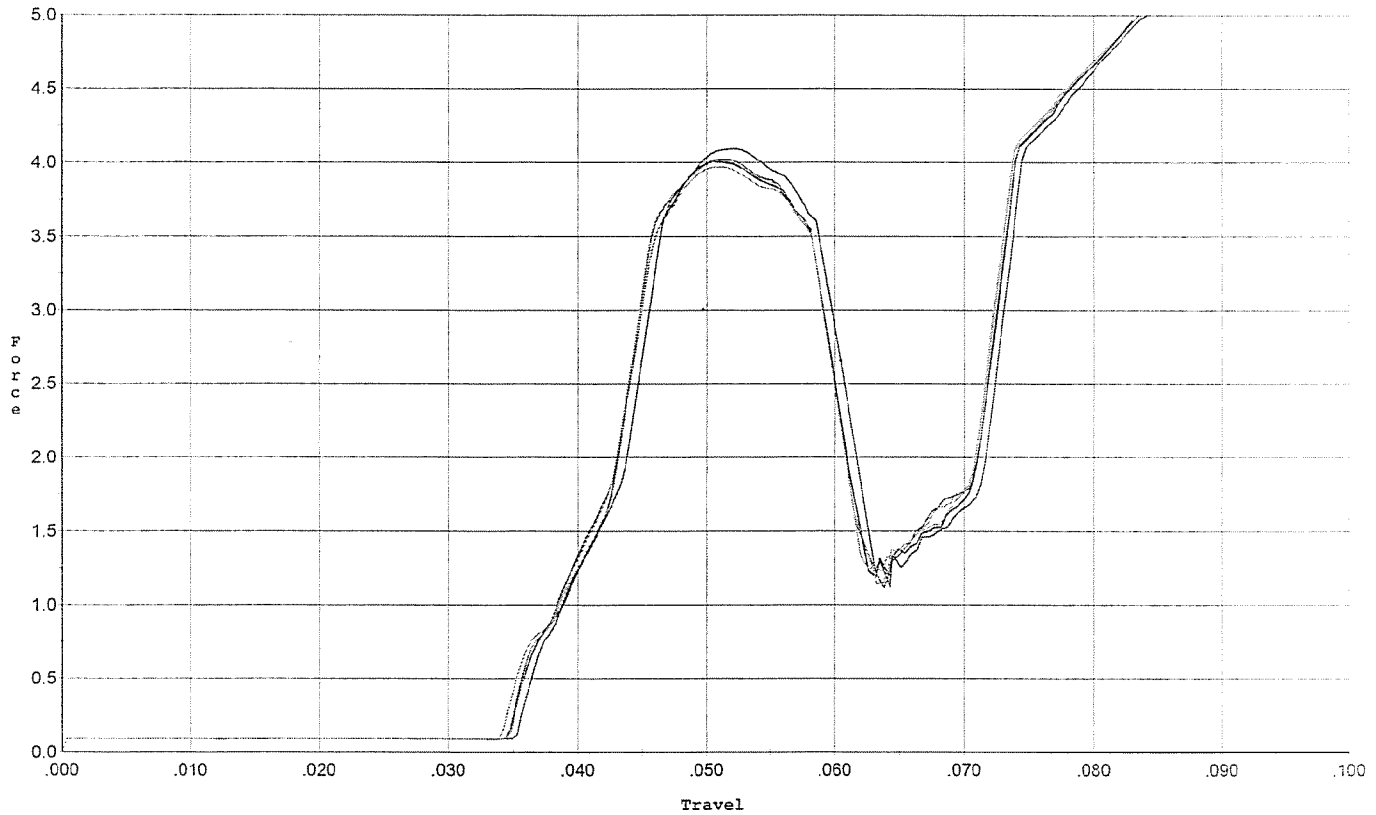
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.957      | 0.054             | 0.031           | 0.032      | 0.067             |           | Set Trigger |
| 2 | 3.993      | 0.053             | 0.032           | 0.033      | 0.066             |           | Set Trigger |
| 3 | 3.919      | 0.052             | 0.031           | 0.032      | 0.066             |           | Set Trigger |
| 4 | 4.016      | 0.052             | 0.029           | 0.032      | 0.068             |           | Set Trigger |
| 5 | 3.953      | 0.052             | 0.029           | 0.032      | 0.066             |           | Set Trigger |

Avg 3.96

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 12/8/06

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



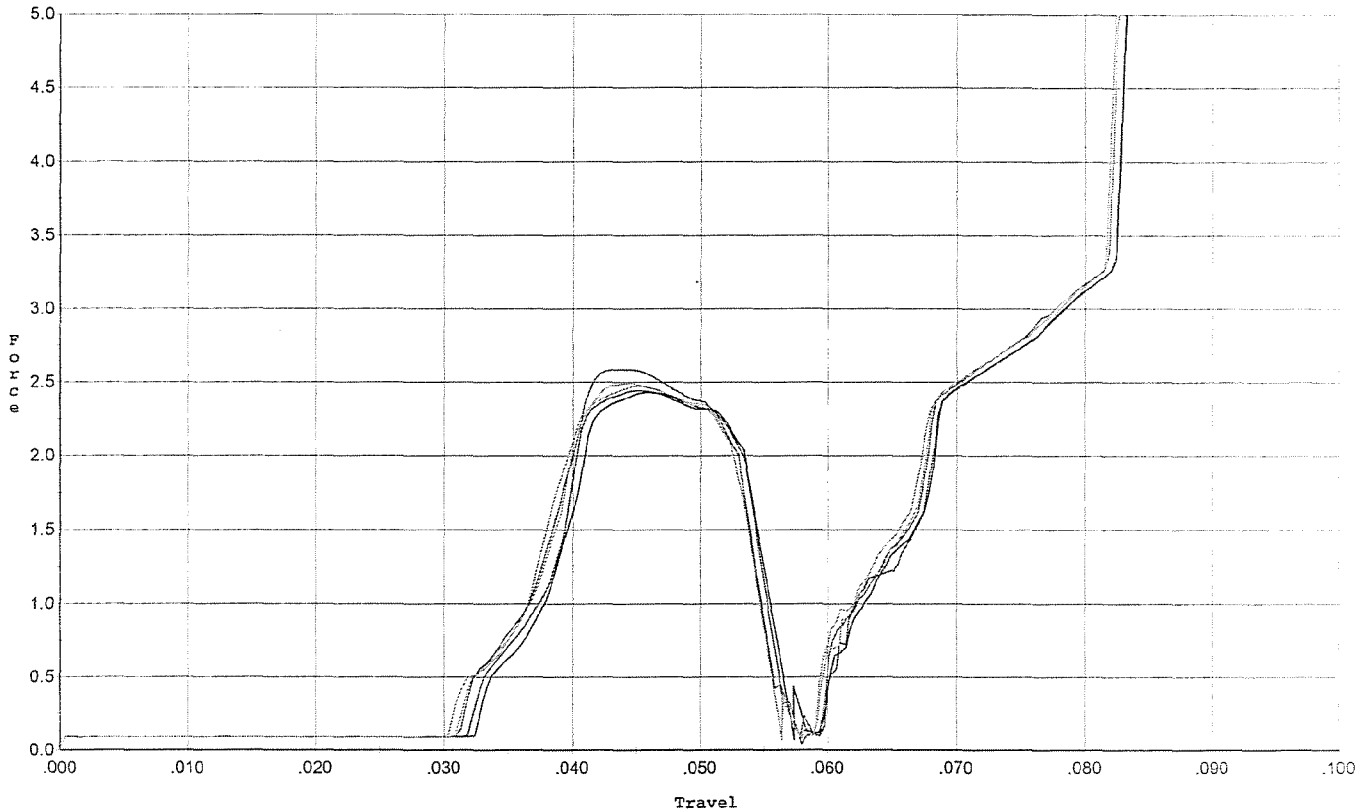
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.091      | 0.060             | 0.036           | 0.033      | 0.074             |           | Set Trigger |
| 2 | 4.004      | 0.058             | 0.035           | 0.033      | 0.070             |           | Set Trigger |
| 3 | 4.022      | 0.058             | 0.035           | 0.033      | 0.071             |           | Set Trigger |
| 4 | 4.010      | 0.058             | 0.034           | 0.033      | 0.072             |           | Set Trigger |
| 5 | 3.969      | 0.058             | 0.035           | 0.033      | 0.070             |           | Set Trigger |

Aug 4.01

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 12/8/06

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



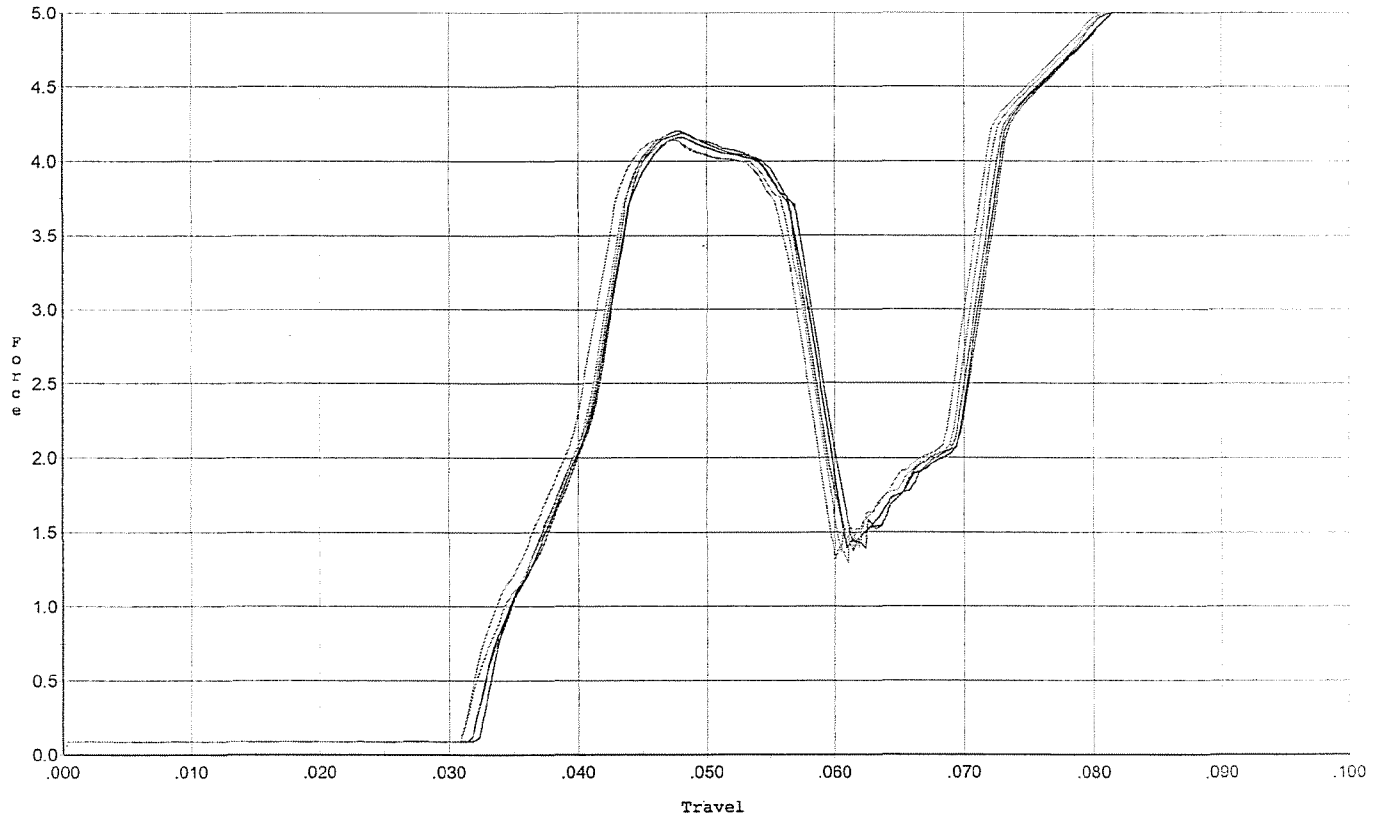
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.442      | 0.054             | 0.032           | 0.035      | 0.042             |           | Set Trigger |
| 2 | 2.433      | 0.053             | 0.033           | 0.035      | 0.041             |           | Set Trigger |
| 3 | 2.585      | 0.053             | 0.032           | 0.035      | 0.044             |           | Set Trigger |
| 4 | 2.474      | 0.054             | 0.031           | 0.035      | 0.043             |           | Set Trigger |
| 5 | 2.491      | 0.053             | 0.031           | 0.035      | 0.044             |           | Set Trigger |

Avg 2.48

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 12/8/06

Model: M/24  
 Serial No: Form #F005  
 Trigger: set to 4.0 lbs. for target & accuracy



| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.190      | 0.057             | 0.033           | 0.033      | 0.079             |           | Set Trigger |
| 2 | 4.162      | 0.058             | 0.032           | 0.033      | 0.080             |           | Set Trigger |
| 3 | 4.201      | 0.056             | 0.032           | 0.033      | 0.078             |           | Set Trigger |
| 4 | 4.136      | 0.057             | 0.031           | 0.033      | 0.079             |           | Set Trigger |
| 5 | 4.167      | 0.057             | 0.031           | 0.033      | 0.079             |           | Set Trigger |

Avg 4.17

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6623546.\_\_\_0  
FILE DATE AND TIME: 12/19/2006 22:54

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.082  |
| The Average Y Centroid of the Five Target Set:              | -0.133 |
| The Average Point of Impact of the Five Target Set:         | 0.156  |
| The Average Mean Radius of the Five Target Set:             | 0.604  |
| The Distance from POA to Centroid Target #1:                | 0.037  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.230  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.516  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.376  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.038  |

**BARBER - M24 0141047**

SERIAL NUMBER: G6623546. \_\_0

TARGET NUMBER: 1

FILE DATE: 12/19/2006

FILE TIME: 22:54

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.296 | 1.136  |
| 2:     | -0.006 | 0.536  |
| 3:     | 0.219  | 0.398  |
| 4:     | 0.468  | 0.159  |
| 5:     | 0.525  | 0.568  |
| 6:     | 0.696  | -0.425 |
| 7:     | -0.204 | -0.299 |
| 8:     | -0.299 | -0.578 |
| 9:     | -0.186 | -1.059 |
| 10:    | -0.845 | -0.076 |

X CENTROID: 0.007

Y CENTROID: 0.036

POA TO CENTROID: 0.037

HORZ SPREAD: 1.541

VERT SPREAD: 2.195

GROUP SPREAD: 2.198

MIN RADIUS: 0.396

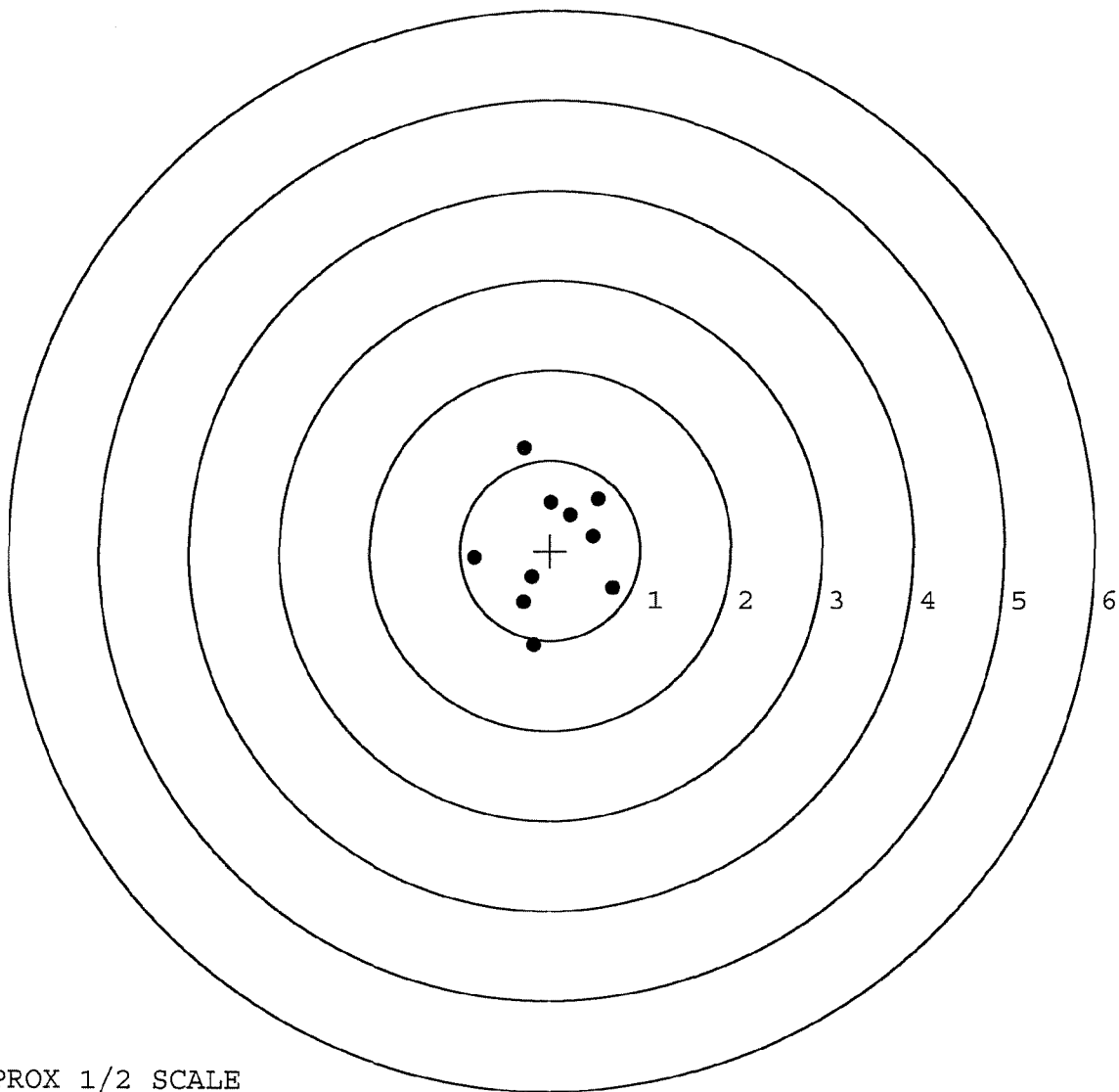
MAX RADIUS: 1.141

MEAN RADIUS: 0.716

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0141048**

SERIAL NUMBER: G6623546. \_\_0

TARGET NUMBER: 2

FILE DATE: 12/19/2006

FILE TIME: 22:54

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.508  | -0.897 |
| 2:     | 0.777  | -0.718 |
| 3:     | -1.315 | 0.275  |
| 4:     | -0.805 | -0.276 |
| 5:     | -0.412 | 0.036  |
| 6:     | -0.167 | -0.240 |
| 7:     | -0.295 | 0.149  |
| 8:     | 0.010  | -0.033 |
| 9:     | -0.128 | 0.366  |
| 10:    | 0.223  | 0.121  |

X CENTROID: -0.160

Y CENTROID: -0.122

POA TO CENTROID: 0.201

HORZ SPREAD: 2.092

VERT SPREAD: 1.263

GROUP SPREAD: 2.316

MIN RADIUS: 0.118

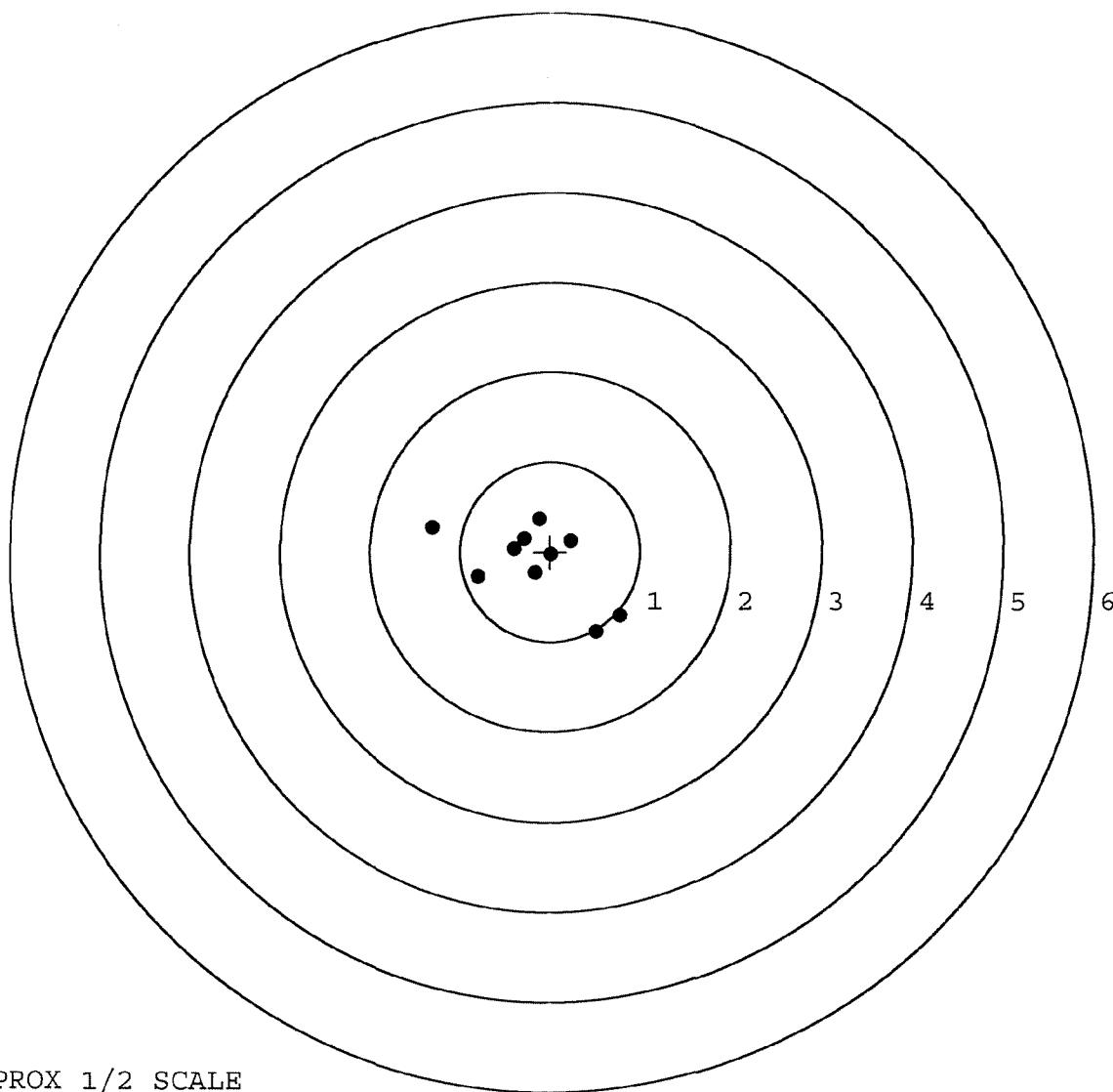
MAX RADIUS: 1.221

MEAN RADIUS: 0.587

# IN 1 IN DIAMETER: 6

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10



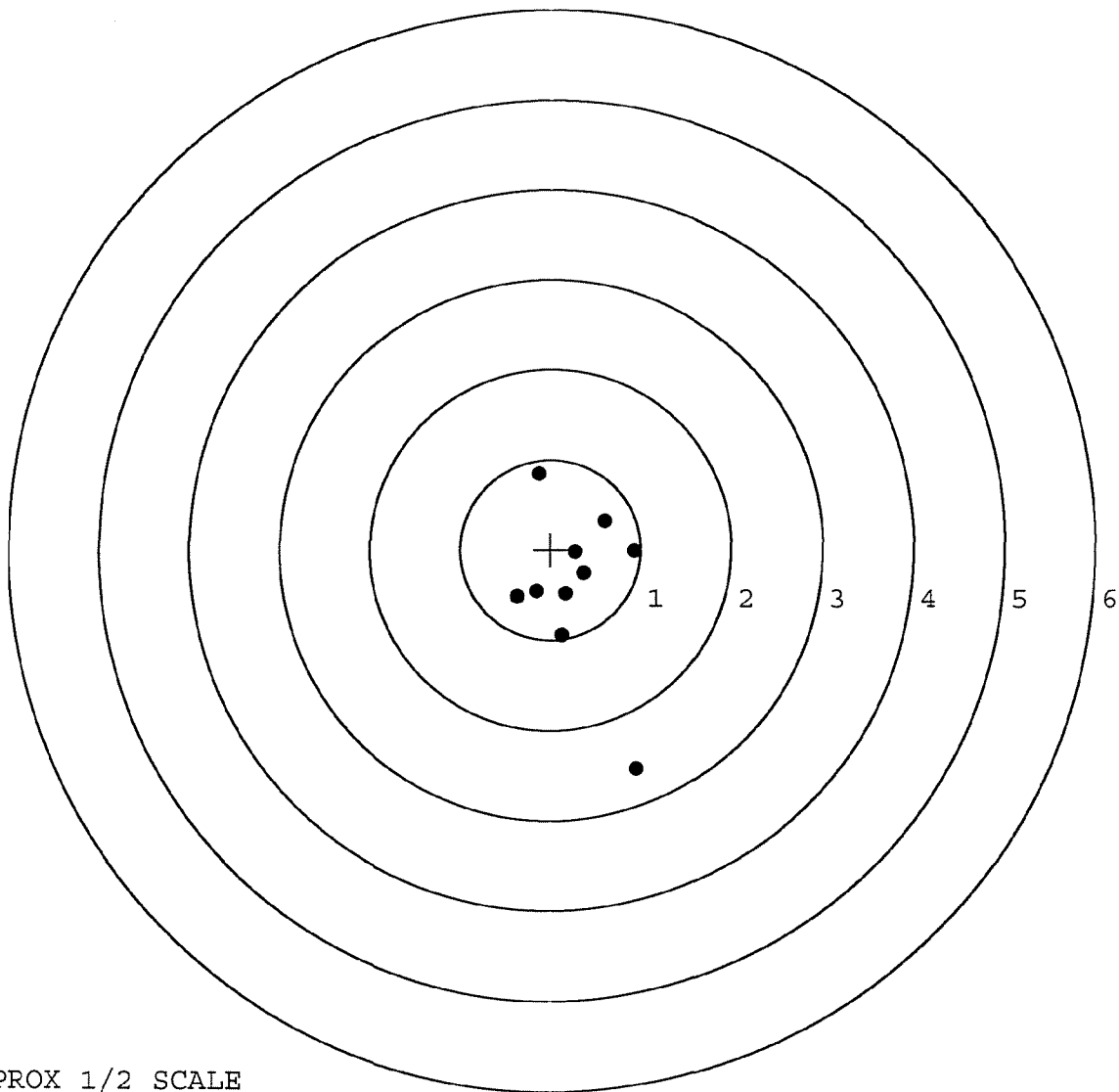
TARGET APPROX 1/2 SCALE

**BARBER - M24 0141049**

SERIAL NUMBER: G6623546. \_\_0  
 TARGET NUMBER: 3  
 FILE DATE: 12/19/2006  
 FILE TIME: 22:54

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.137 | 0.845  |
| 2:     | 0.595  | 0.315  |
| 3:     | 0.928  | -0.025 |
| 4:     | 0.275  | -0.032 |
| 5:     | 0.371  | -0.271 |
| 6:     | 0.171  | -0.494 |
| 7:     | -0.370 | -0.528 |
| 8:     | -0.154 | -0.468 |
| 9:     | 0.129  | -0.954 |
| 10:    | 0.947  | -2.434 |

X CENTROID: 0.276  
 Y CENTROID: -0.405  
 POA TO CENTROID: 0.489  
 HORZ SPREAD: 1.317  
 VERT SPREAD: 3.279  
 GROUP SPREAD: 3.454  
 MIN RADIUS: 0.138  
 MAX RADIUS: 2.138  
 MEAN RADIUS: 0.733  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

**BARBER - M24 0141050**

SERIAL NUMBER: G6623546. \_\_0

TARGET NUMBER: 4

FILE DATE: 12/19/2006

FILE TIME: 22:54

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.457 | 0.219  |
| 2:     | -0.428 | -0.388 |
| 3:     | 0.025  | -0.251 |
| 4:     | 0.252  | -0.171 |
| 5:     | 0.291  | 0.000  |
| 6:     | 0.428  | 0.165  |
| 7:     | 0.521  | -0.065 |
| 8:     | 0.651  | -0.098 |
| 9:     | 0.415  | -0.633 |
| 10:    | 0.879  | -1.225 |

X CENTROID: 0.258

Y CENTROID: -0.245

POA TO CENTROID: 0.355

HORZ SPREAD: 1.336

VERT SPREAD: 1.444

GROUP SPREAD: 1.967

MIN RADIUS: 0.074

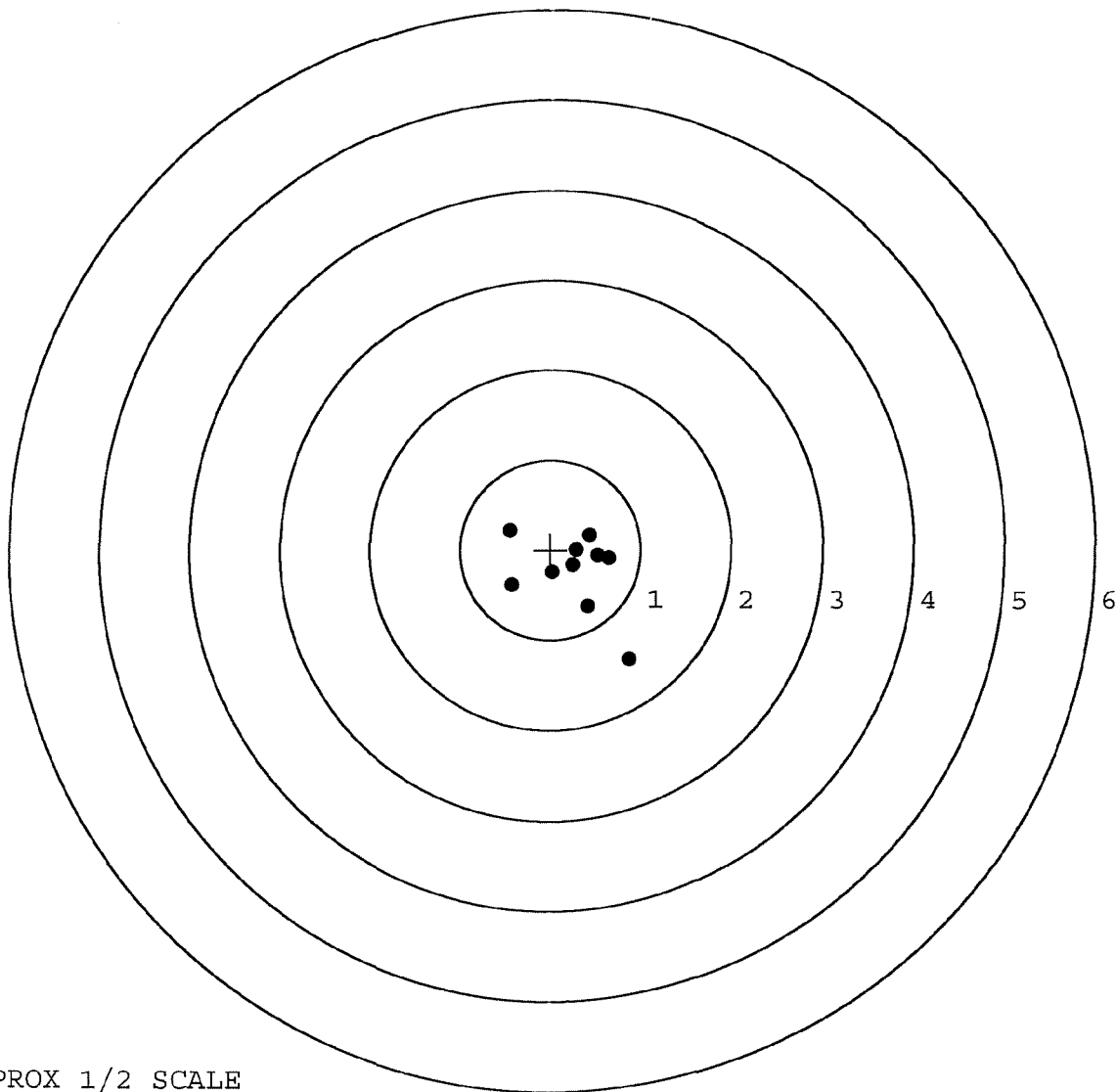
MAX RADIUS: 1.161

MEAN RADIUS: 0.487

# IN 1 IN DIAMETER: 7

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0141051**

SERIAL NUMBER: G6623546. 0

TARGET NUMBER: 5

FILE DATE: 12/19/2006

FILE TIME: 22:54

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.497  | 0.672  |
| 2:     | 0.503  | 0.002  |
| 3:     | 0.177  | 0.102  |
| 4:     | 0.080  | 0.258  |
| 5:     | -0.011 | 0.356  |
| 6:     | -0.107 | 0.540  |
| 7:     | -0.176 | 0.330  |
| 8:     | -0.313 | 0.093  |
| 9:     | -0.322 | -0.583 |
| 10:    | -0.052 | -1.094 |

X CENTROID: 0.028

Y CENTROID: 0.068

POA TO CENTROID: 0.073

HORZ SPREAD: 0.825

VERT SPREAD: 1.766

GROUP SPREAD: 1.849

MIN RADIUS: 0.153

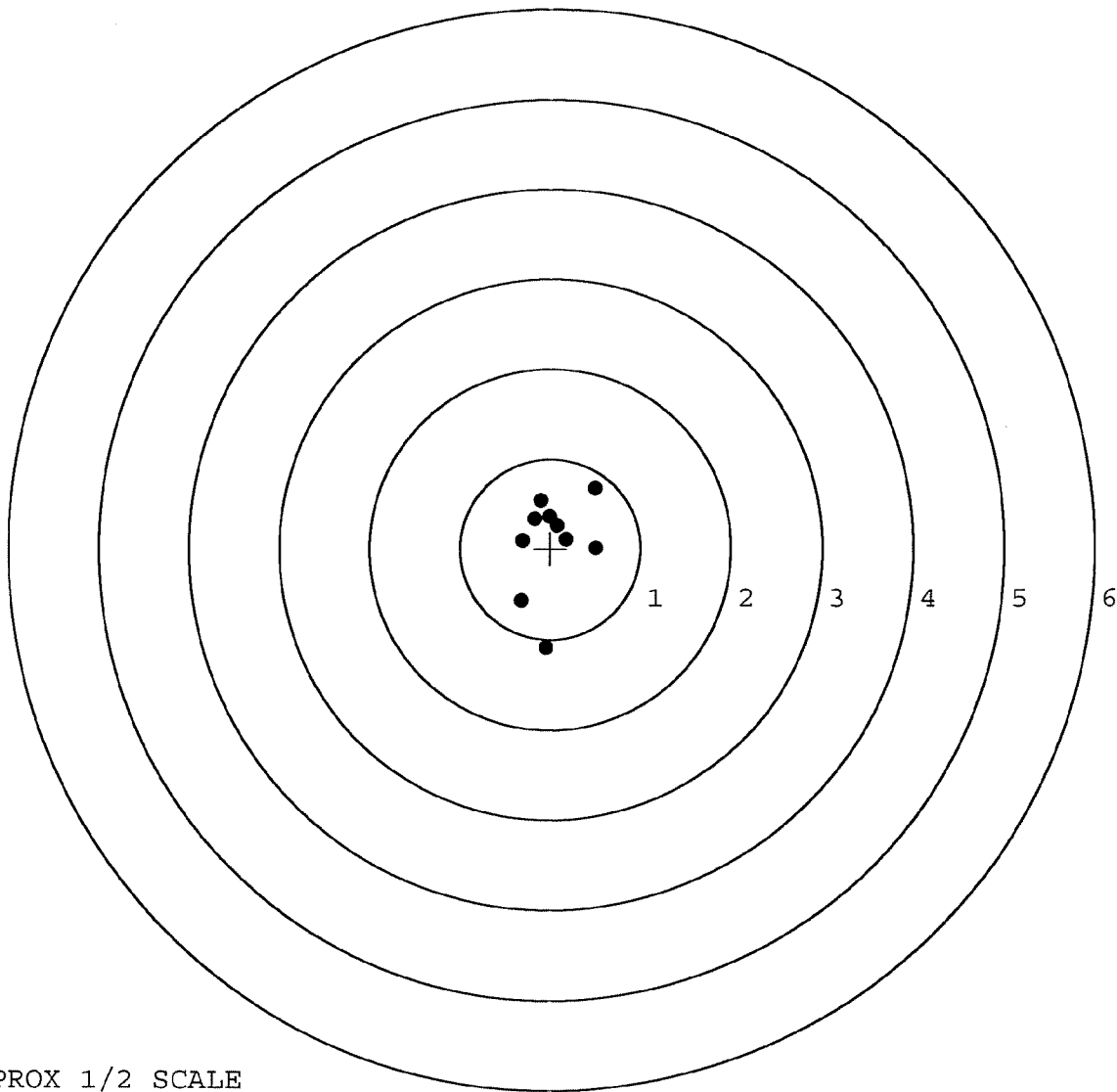
MAX RADIUS: 1.164

MEAN RADIUS: 0.495

# IN 1 IN DIAMETER: 7

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE