

G6590175

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



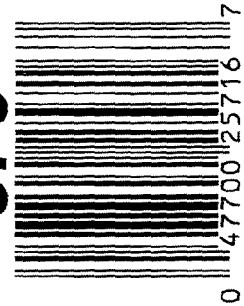
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6590175

UPC



**ORDER — 25716**

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

**UPC**



**ORDER 25716**

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

**UPC**



SERIAL NO.



## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6590175

| OP #         | OPERATION NAME                                                                                                                         | READINGS                | DATE     | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------|---------|
| 410          | SERIALIZE BOLT HANDLE                                                                                                                  |                         | 10-17-06 | RTZ     |
| 420          | ASSEMBLE ACTION                                                                                                                        |                         | 10-17-06 | RTZ     |
| 430          | ASSEMBLE TO STOCK                                                                                                                      |                         | 10-17-06 | R.P.D.  |
| 440          | PROOF                                                                                                                                  |                         | 10-17-06 | R.P.D.  |
| 460          | CHECK HEADSPACE                                                                                                                        | MAGNA-FLUX<br>INSPECTED | 10-17-06 | R.P.D.  |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    | OCT 19 2006             | 10-18-06 | BLG     |
| 480          | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR <u>APD</u>     | 10-19-06 | APD     |
| 490          | MAGNAFLUX BOLT                                                                                                                         |                         |          |         |
| 500          | ROLLMARK CALIBER                                                                                                                       |                         | 10-20-06 | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                         | 10-18-06 | TRW     |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                         | 10-23-06 | LB      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                         |          |         |
|              | (BOLT)                                                                                                                                 |                         | 10/27/06 | FB      |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                         |          |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                         | 11/17/06 | nom     |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                         | 11/17/06 | nom     |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                         | 11/17/06 | nom     |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                         | 11-30-06 | BLG     |
|              | 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

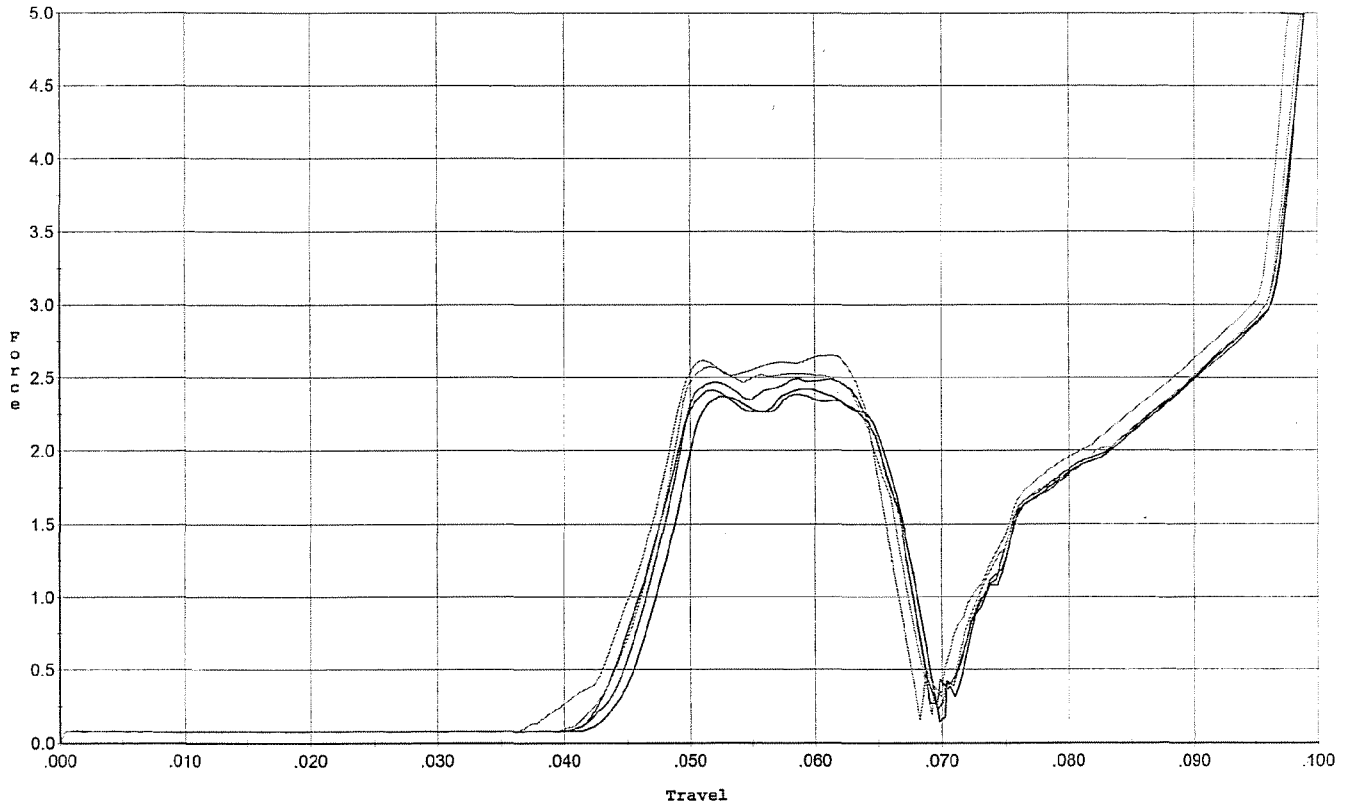
| OP # <del>BARBER</del> 01240166118 |                                                                       |                                           | READINGS      |             |             | DATE        | INITIAL     |          |     |
|------------------------------------|-----------------------------------------------------------------------|-------------------------------------------|---------------|-------------|-------------|-------------|-------------|----------|-----|
| 560                                | F) SAFETY ON FORCE                                                    | 2 LBS MIN<br>10 LBS MAX                   | <u>50</u>     | <u>50</u>   | <u>50</u>   | 12-13-06    | SD          |          |     |
| CONT.                              |                                                                       |                                           |               |             |             |             |             |          |     |
|                                    | G) SAFETY OFF FORCE                                                   | 2 LBS MIN                                 | <u>65</u>     | <u>65</u>   | <u>65</u>   | 12-13-06    | SD          |          |     |
|                                    | H) TRIGGER PULL TEST<br>AND RETAINABILITY                             |                                           |               |             |             |             |             |          |     |
|                                    | I) FIRING PIN INDENT                                                  | .020 MIN                                  | <u>.025</u>   | <u>.024</u> | <u>.024</u> | 12-13-06    | SD          |          |     |
|                                    | J) ASSEMBLE STOCK                                                     |                                           |               |             |             | 11-30-06    | BLG         |          |     |
|                                    | K) ASSEMBLE SWIVEL<br>STUDS                                           |                                           |               |             |             | 12-19-06    | BLG         |          |     |
|                                    | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                              |                                           |               |             |             | 12-19-06    | BLG         |          |     |
|                                    | M) IRON SIGHT<br>ALIGNMENT                                            |                                           |               |             |             | 12-19-06    | BLG         |          |     |
|                                    | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER |                                           |               |             |             | 12-19-06    | BLG         |          |     |
| 640 &<br>650                       | FUNCTION TEST AND<br>TARGET                                           |                                           | <u>PASS</u>   | FAIL        |             | 12-4-06     | TRW         |          |     |
|                                    |                                                                       |                                           | <u>PASS</u>   | FAIL        |             |             |             |          |     |
|                                    | MALFUNCTION <i>OH over live eds</i>                                   |                                           | CORRECTION OK |             |             | 12-8-06     | TRW         |          |     |
|                                    | MALFUNCTION                                                           |                                           | CORRECTION    |             |             | }           |             |          |     |
|                                    | MALFUNCTION                                                           |                                           | CORRECTION    |             |             |             |             |          |     |
|                                    | MALFUNCTION                                                           |                                           | CORRECTION    |             |             |             |             |          |     |
|                                    | MALFUNCTION                                                           |                                           | CORRECTION    |             |             |             |             |          |     |
| 660                                | INSPECT FOR LIVE AMMO                                                 |                                           |               |             |             | 12-4-06     | RP          |          |     |
| 670                                | FINAL INSPECTION<br>A) HEADSPACE                                      |                                           |               |             |             | 12-19-06    | BLG         |          |     |
|                                    | B) TRIGGER PULL                                                       | +/- .5 LBS<br>MIN 2.50 LBS<br>MAX 4.0 LBS | <u>2.66</u>   | <u>2.40</u> | <u>2.36</u> | <u>2.20</u> | <u>2.26</u> | 12-13-06 | BLG |
|                                    | C) FUNCTION                                                           |                                           |               |             |             | 12-19-06    | BLG         |          |     |
| 690                                | PACK                                                                  |                                           |               |             |             | 1-23-07     | EA          |          |     |

F004 REV 5/2006

## Trigger Profile [ lbs,inch ]

Profile: SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 11/16/06

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



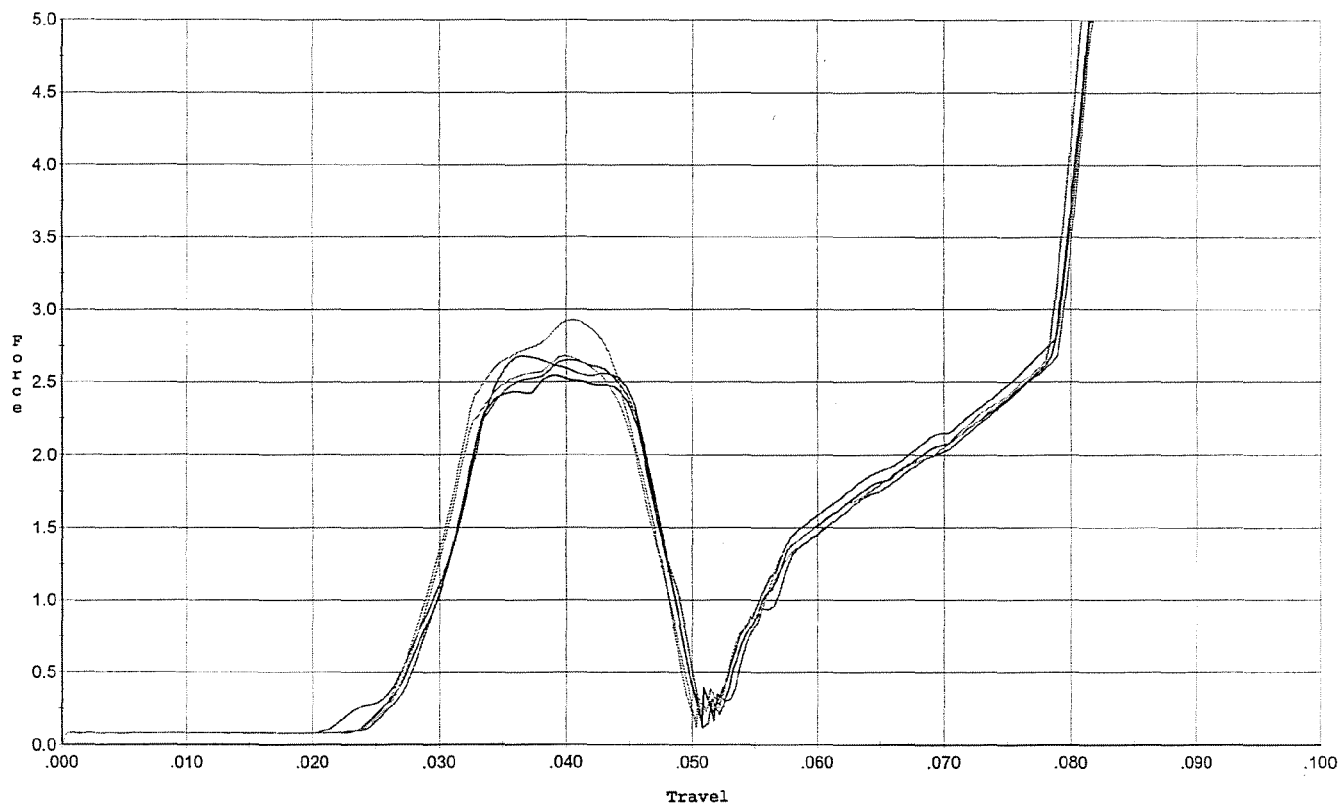
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.413      | 0.067             | 0.043           | 0.040      | 0.050             |           | Set Trigger |
| 2 | 2.422      | 0.068             | 0.045           | 0.040      | 0.049             |           | Set Trigger |
| 3 | 2.491      | 0.067             | 0.044           | 0.040      | 0.051             |           | Set Trigger |
| 4 | 2.574      | 0.066             | 0.043           | 0.040      | 0.052             |           | Set Trigger |
| 5 | 2.650      | 0.066             | 0.043           | 0.040      | 0.054             |           | Set Trigger |

2.51 Avg.

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 11/16/06

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



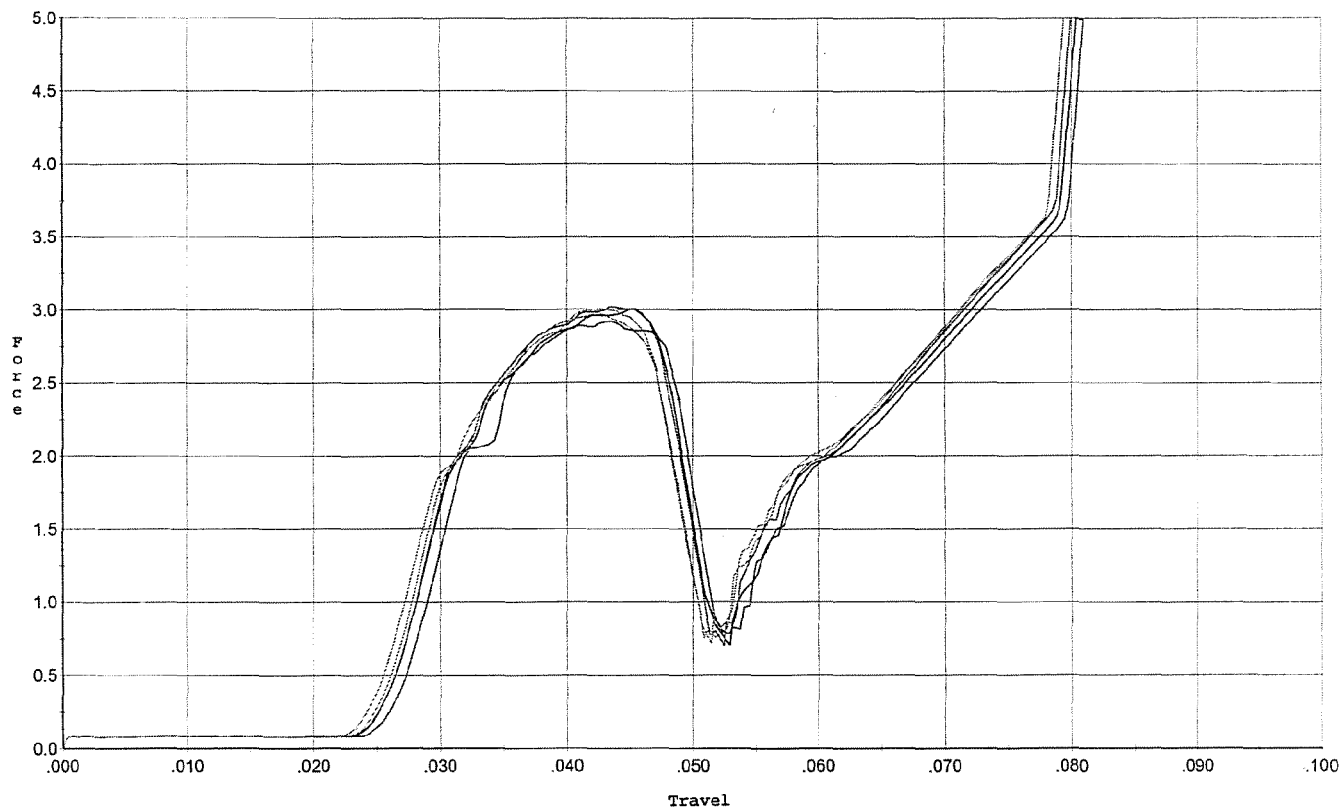
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.679      | 0.048             | 0.027           | 0.038      | 0.046             |           | Set Trigger |
| 2 | 2.543      | 0.048             | 0.027           | 0.038      | 0.044             |           | Set Trigger |
| 3 | 2.649      | 0.049             | 0.027           | 0.038      | 0.046             |           | Set Trigger |
| 4 | 2.680      | 0.048             | 0.026           | 0.038      | 0.045             |           | Set Trigger |
| 5 | 2.926      | 0.048             | 0.026           | 0.037      | 0.048             |           | Set Trigger |

2.70 Avg.

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: M. McKinney 11/16/06

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 | 2.922      | 0.049             | 0.026           | 0.035      | 0.054             |           | Set Trigger |
| 2 | 3.000      | 0.048             | 0.025           | 0.035      | 0.056             |           | Set Trigger |
| 3 | 3.018      | 0.049             | 0.025           | 0.035      | 0.057             |           | Set Trigger |
| 4 | 3.004      | 0.049             | 0.025           | 0.035      | 0.056             |           | Set Trigger |
| 5 | 2.982      | 0.047             | 0.024           | 0.035      | 0.054             |           | Set Trigger |

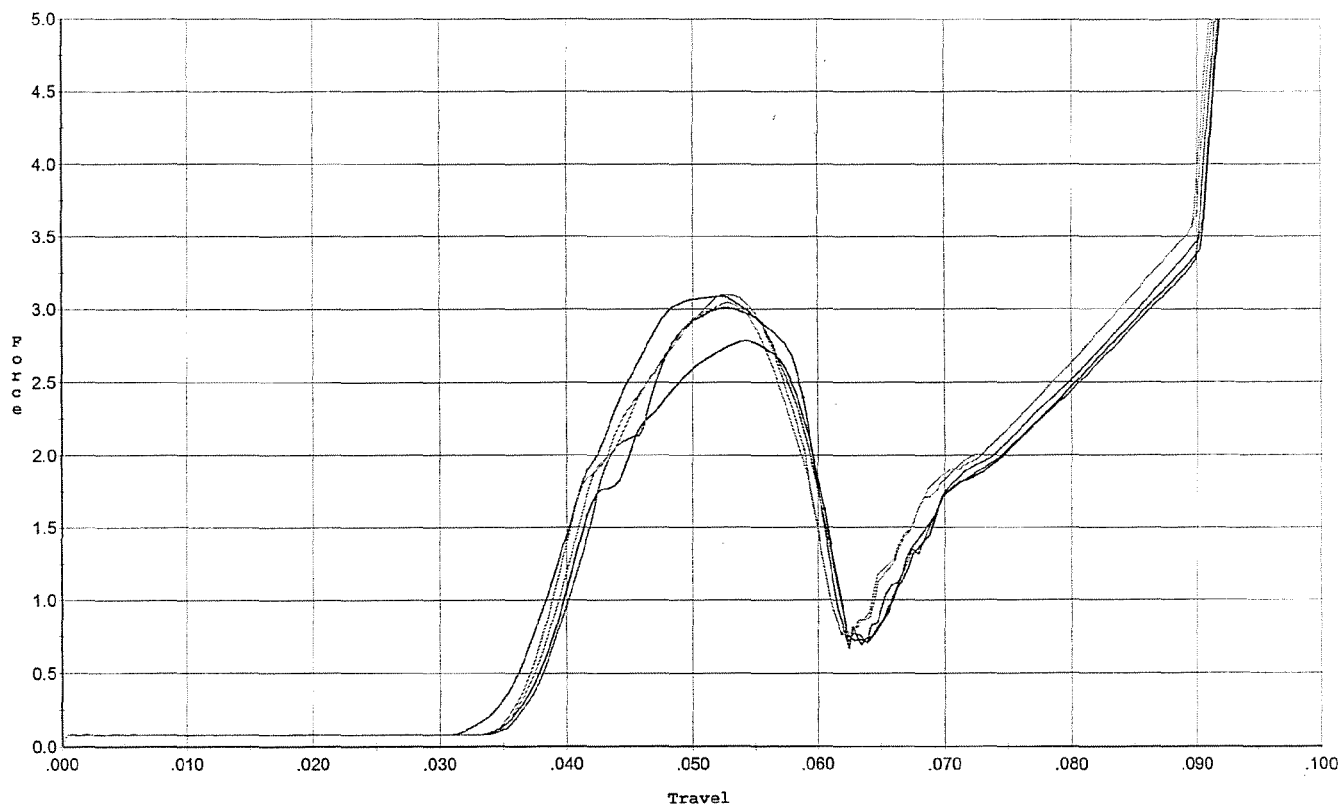
2.99 Avg.



## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: M. McKinney 11/16/06

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



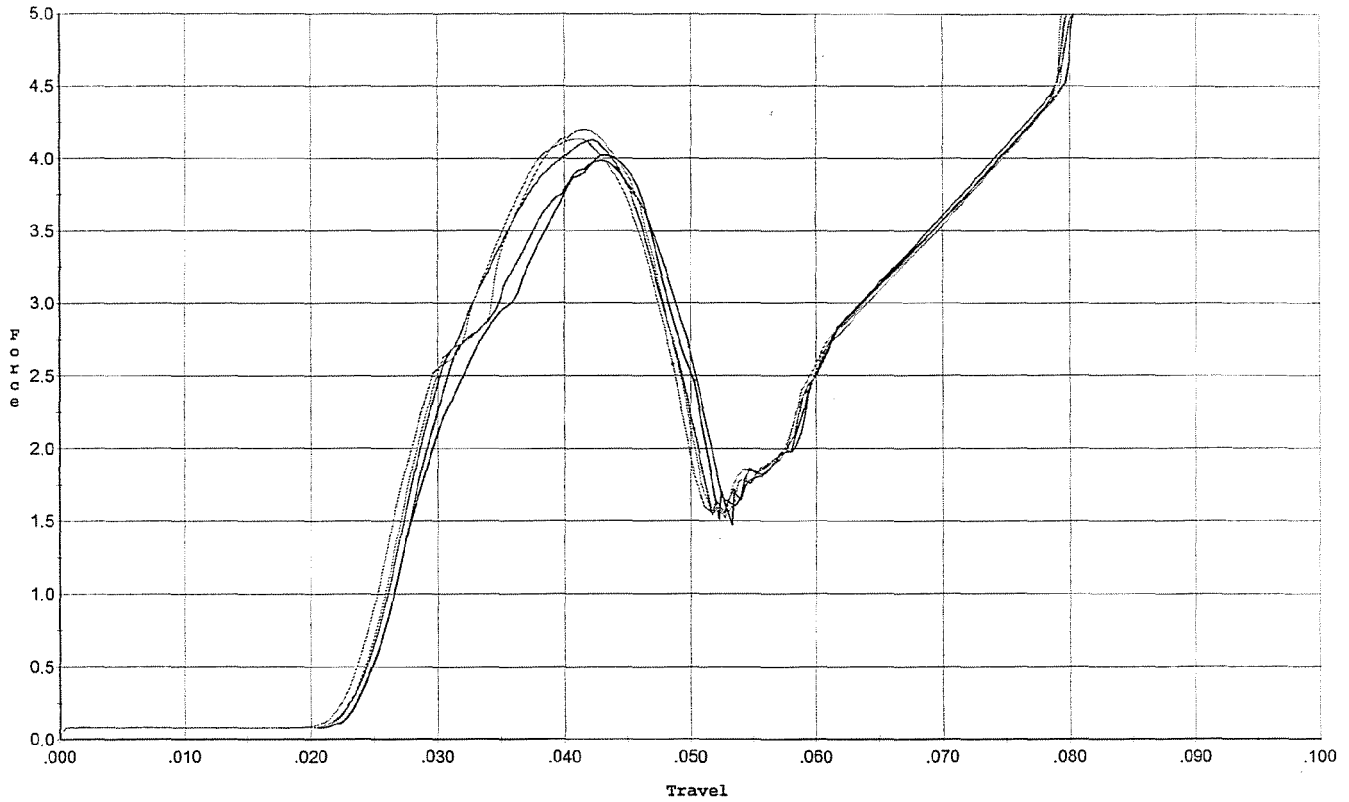
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.088      | 0.059             | 0.035           | 0.038      | 0.059             |           | Set Trigger |
| 2 | 2.785      | 0.061             | 0.037           | 0.038      | 0.052             |           | Set Trigger |
| 3 | 3.006      | 0.061             | 0.037           | 0.038      | 0.055             |           | Set Trigger |
| 4 | 3.049      | 0.059             | 0.036           | 0.038      | 0.054             |           | Set Trigger |
| 5 | 3.096      | 0.059             | 0.036           | 0.038      | 0.055             |           | Set Trigger |

3.01 Avg.

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: M. McKinney 11/16/06

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



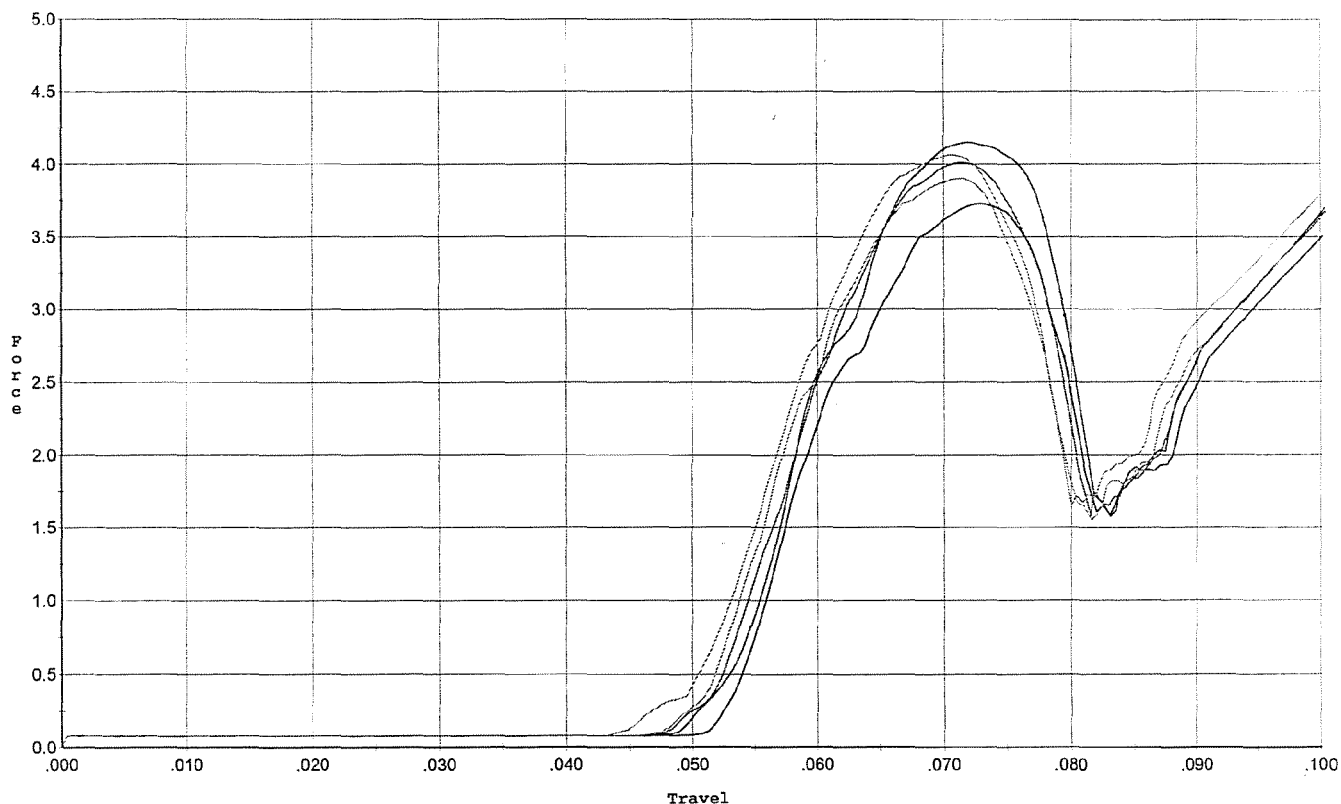
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.988      | 0.050             | 0.024           | 0.032      | 0.076             |           | Set Trigger |
| 2 | 4.021      | 0.050             | 0.024           | 0.033      | 0.075             |           | Set Trigger |
| 3 | 4.125      | 0.050             | 0.023           | 0.032      | 0.079             |           | Set Trigger |
| 4 | 4.196      | 0.049             | 0.023           | 0.033      | 0.078             |           | Set Trigger |
| 5 | 4.134      | 0.049             | 0.023           | 0.033      | 0.078             |           | Set Trigger |

4.09 Avg.

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: M. McKinney 11/16/06

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



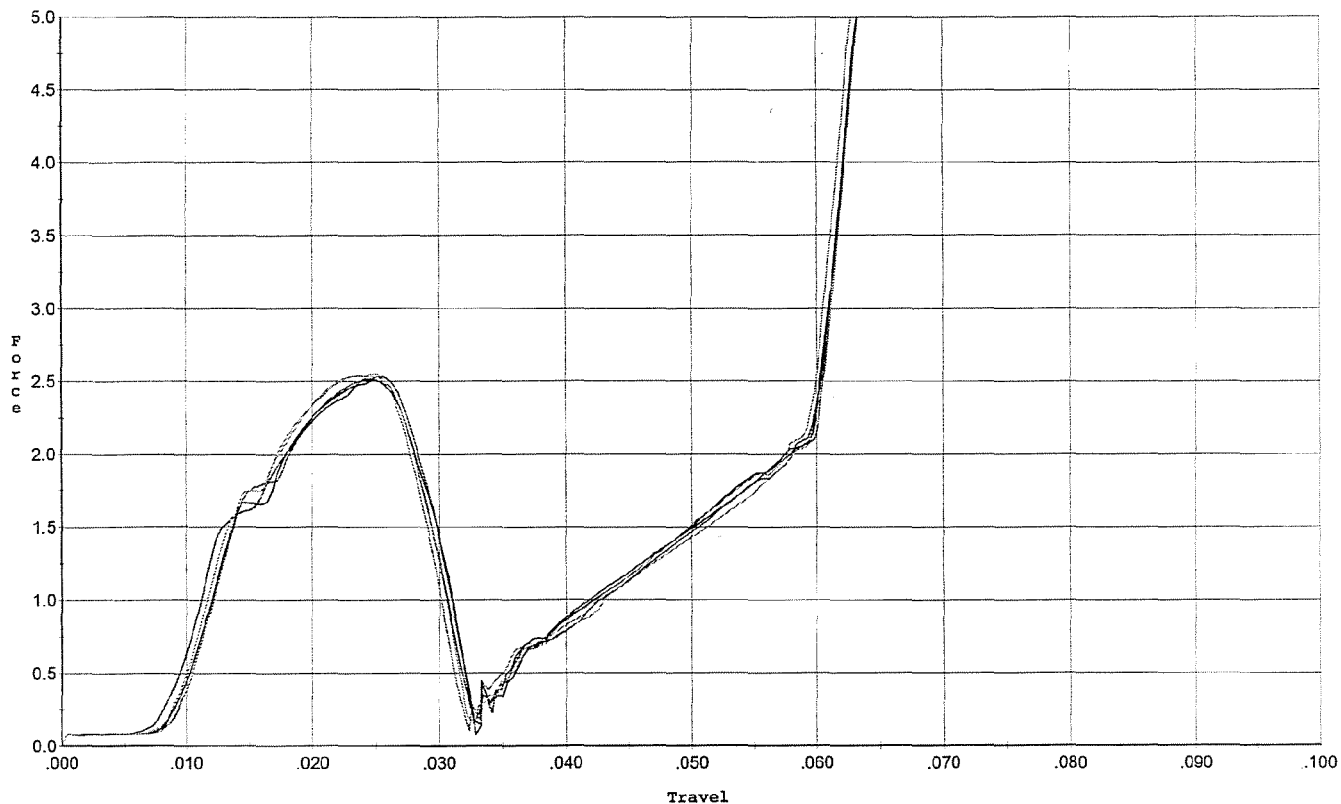
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.150      | 0.079             | 0.054           | 0.034      | 0.089             |           | Set Trigger |
| 2 | 3.729      | 0.079             | 0.053           | 0.036      | 0.078             |           | Set Trigger |
| 3 | 4.012      | 0.079             | 0.052           | 0.035      | 0.085             |           | Set Trigger |
| 4 | 4.062      | 0.078             | 0.050           | 0.035      | 0.087             |           | Set Trigger |
| 5 | 3.901      | 0.078             | 0.051           | 0.036      | 0.082             |           | Set Trigger |

3.97 Avg.

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: M. McKinney 11/16/06

Model: M/24  
 Serial No: Form #F005  
 Trigger: Final Test & To Reset 2.5 lbs.



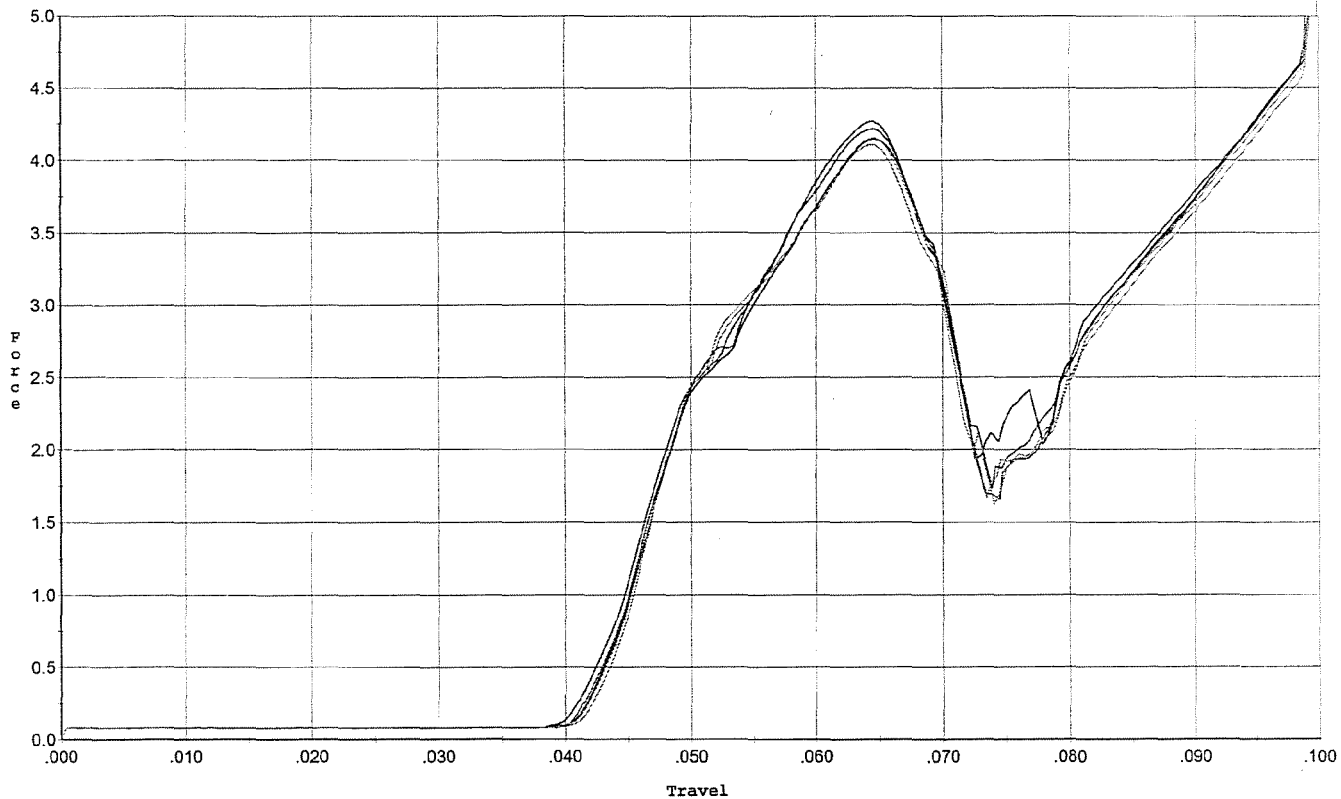
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.516      | 0.030             | 0.008           | 0.041      | 0.039             |           | Set Trigger |
| 2 | 2.533      | 0.031             | 0.009           | 0.040      | 0.039             |           | Set Trigger |
| 3 | 2.535      | 0.031             | 0.009           | 0.040      | 0.039             |           | Set Trigger |
| 4 | 2.553      | 0.030             | 0.009           | 0.040      | 0.039             |           | Set Trigger |
| 5 | 2.538      | 0.029             | 0.009           | 0.040      | 0.038             |           | Set Trigger |

2.54 Avg.

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 11/16/06

Model: M/24  
Serial No: Form #F005  
Trigger: Reset to 4.0 lbs. For Target & Accuracy



| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.270      | 0.070             | 0.041           | 0.034      | 0.089             |           | Set Trigger |
| 2 | 4.149      | 0.071             | 0.042           | 0.034      | 0.086             |           | Set Trigger |
| 3 | 4.218      | 0.069             | 0.041           | 0.035      | 0.085             |           | Set Trigger |
| 4 | 4.157      | 0.070             | 0.042           | 0.034      | 0.086             |           | Set Trigger |
| 5 | 4.108      | 0.070             | 0.042           | 0.035      | 0.084             |           | Set Trigger |

4.18 Avg.

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590175.\_\_\_0  
FILE DATE AND TIME: 12/05/2006 05:25

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.018 |
| The Average Y Centroid of the Five Target Set:              | 0.004  |
| The Average Point of Impact of the Five Target Set:         | 0.018  |
| The Average Mean Radius of the Five Target Set:             | 0.689  |
| The Distance from POA to Centroid Target #1:                | 0.217  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.211  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.240  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.407  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.332  |

SERIAL NUMBER: G6590175. \_\_0

TARGET NUMBER: 1

FILE DATE: 12/05/2006

FILE TIME: 05:25

X CENTROID: 0.153

Y CENTROID: -0.154

POA TO CENTROID: 0.217

HORZ SPREAD: 1.793

VERT SPREAD: 2.346

GROUP SPREAD: 2.613

MIN RADIUS: 0.250

MAX RADIUS: 1.653

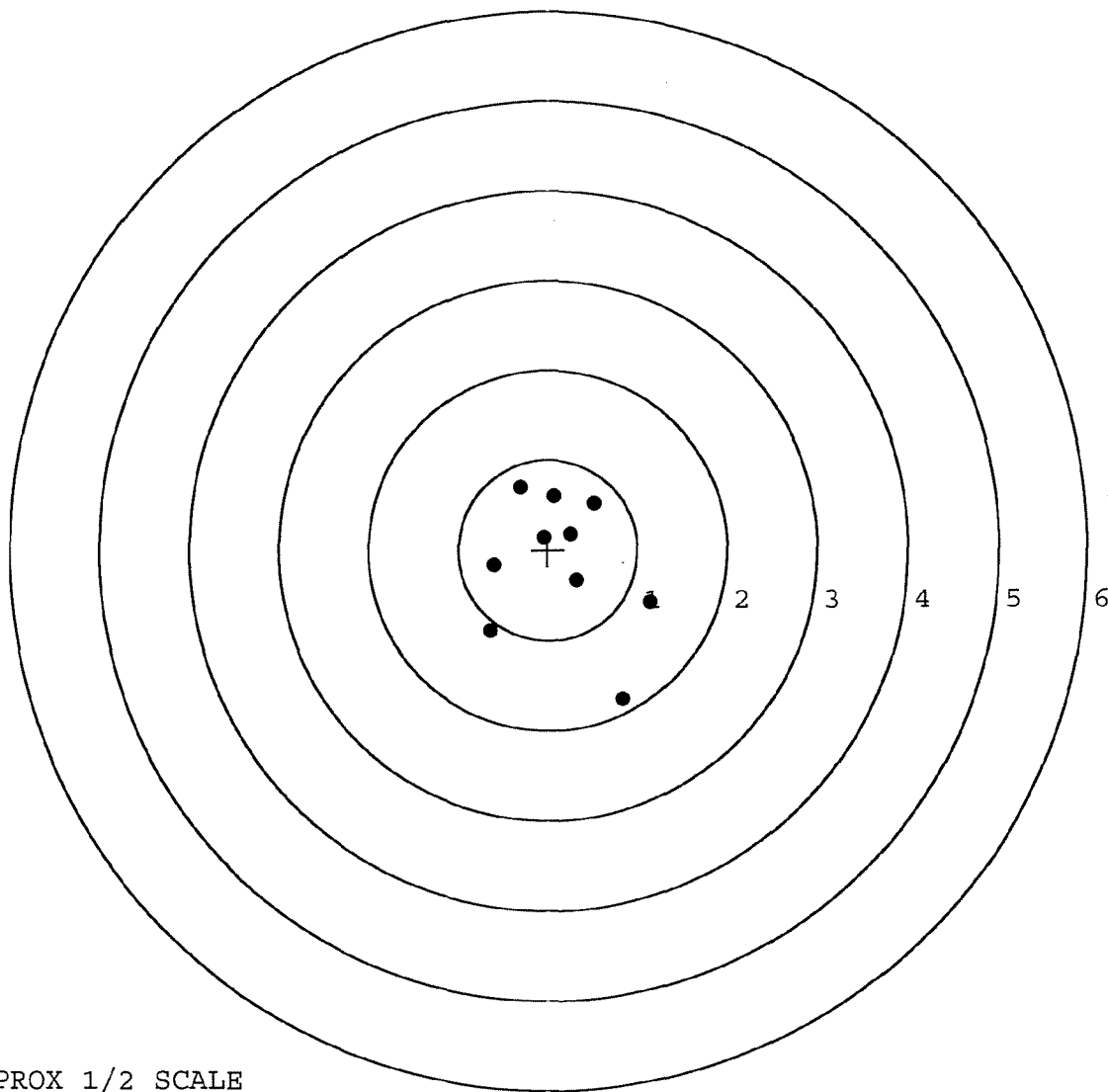
MEAN RADIUS: 0.800

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.838  | -1.658 |
| 2:     | 1.144  | -0.585 |
| 3:     | -0.649 | -0.897 |
| 4:     | 0.322  | -0.338 |
| 5:     | -0.602 | -0.171 |
| 6:     | 0.247  | 0.178  |
| 7:     | -0.045 | 0.135  |
| 8:     | 0.516  | 0.519  |
| 9:     | 0.068  | 0.588  |
| 10:    | -0.312 | 0.688  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590175. 0

TARGET NUMBER: 2

FILE DATE: 12/05/2006

FILE TIME: 05:25

X CENTROID: 0.042

Y CENTROID: 0.025

POA TO CENTROID: 0.049

HORZ SPREAD: 1.706

VERT SPREAD: 1.405

GROUP SPREAD: 1.900

MIN RADIUS: 0.177

MAX RADIUS: 1.203

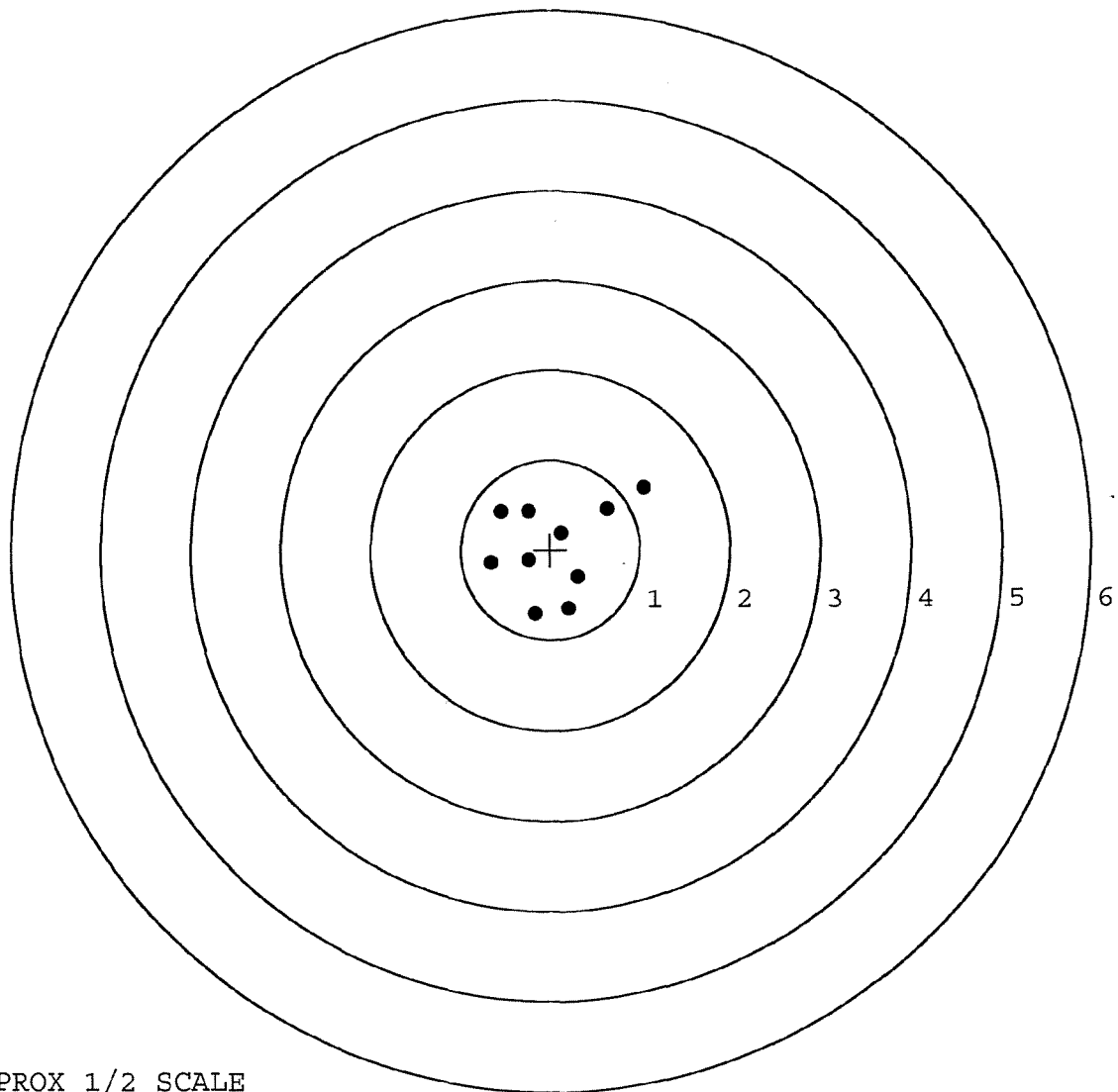
MEAN RADIUS: 0.627

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.044  | 0.690  |
| 2:     | 0.631  | 0.455  |
| 3:     | -0.248 | 0.433  |
| 4:     | -0.560 | 0.427  |
| 5:     | 0.114  | 0.187  |
| 6:     | -0.242 | -0.116 |
| 7:     | -0.662 | -0.146 |
| 8:     | -0.178 | -0.715 |
| 9:     | 0.205  | -0.657 |
| 10:    | 0.311  | -0.306 |



TARGET APPROX 1/2 SCALE



SERIAL NUMBER: G6590175. \_\_0

TARGET NUMBER: 3

FILE DATE: 12/05/2006

FILE TIME: 05:25

X CENTROID: 0.004

Y CENTROID: 0.034

POA TO CENTROID: 0.034

HORZ SPREAD: 0.909

VERT SPREAD: 1.720

GROUP SPREAD: 1.743

MIN RADIUS: 0.096

MAX RADIUS: 0.961

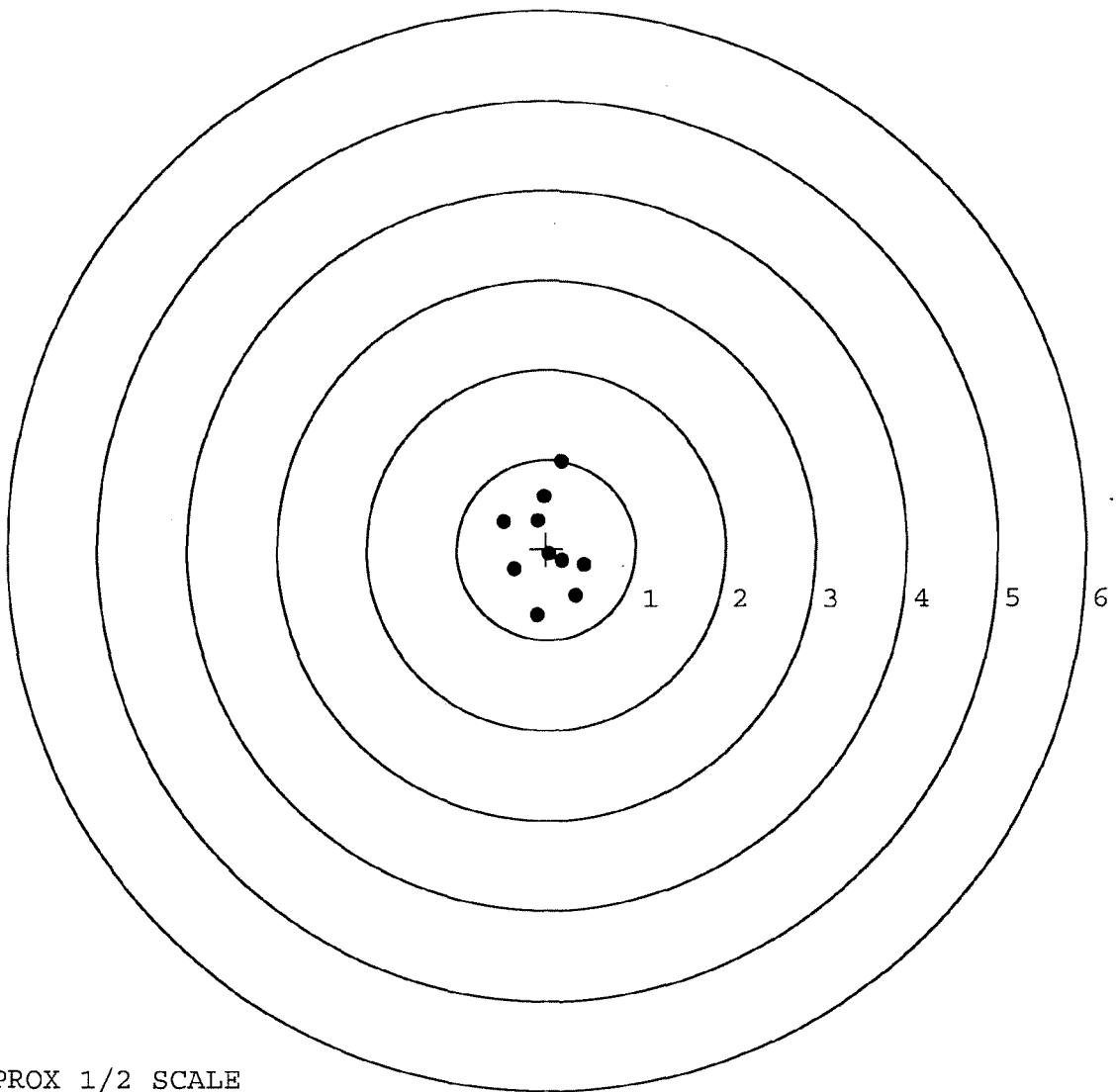
MEAN RADIUS: 0.506

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.033  | -0.058 |
| 2:     | 0.173  | 0.980  |
| 3:     | -0.031 | 0.590  |
| 4:     | -0.484 | 0.302  |
| 5:     | -0.104 | 0.317  |
| 6:     | -0.112 | -0.740 |
| 7:     | -0.365 | -0.230 |
| 8:     | 0.330  | -0.515 |
| 9:     | 0.425  | -0.175 |
| 10:    | 0.174  | -0.134 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590175. \_\_0

TARGET NUMBER: 4

FILE DATE: 12/05/2006

FILE TIME: 05:25

X CENTROID: -0.210

Y CENTROID: 0.031

POA TO CENTROID: 0.213

HORZ SPREAD: 2.200

VERT SPREAD: 1.330

GROUP SPREAD: 2.111

MIN RADIUS: 0.162

MAX RADIUS: 1.203

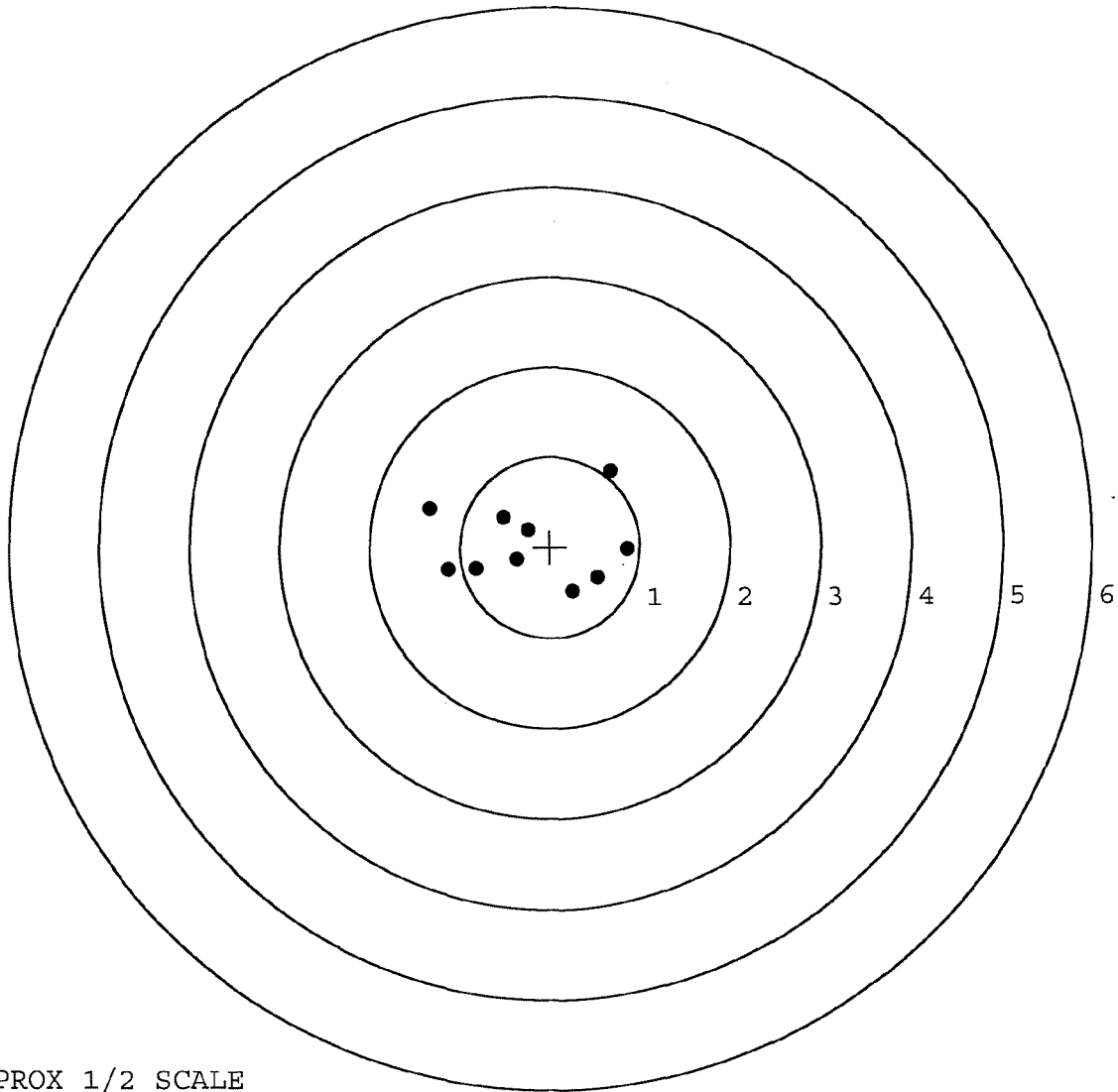
MEAN RADIUS: 0.745

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.678  | 0.843  |
| 2:     | 0.866  | -0.021 |
| 3:     | 0.533  | -0.334 |
| 4:     | 0.252  | -0.487 |
| 5:     | -0.248 | 0.189  |
| 6:     | -0.523 | 0.327  |
| 7:     | -0.373 | -0.140 |
| 8:     | -0.826 | -0.238 |
| 9:     | -1.127 | -0.251 |
| 10:    | -1.334 | 0.424  |



TARGET APPROX 1/2 SCALE

**BARBER - M24 0166132**

SERIAL NUMBER: G6590175. \_\_0

TARGET NUMBER: 5

FILE DATE: 12/05/2006

FILE TIME: 05:25

X CENTROID: -0.078

Y CENTROID: 0.084

POA TO CENTROID: 0.115

HORZ SPREAD: 2.178

VERT SPREAD: 1.760

GROUP SPREAD: 2.240

MIN RADIUS: 0.153

MAX RADIUS: 1.299

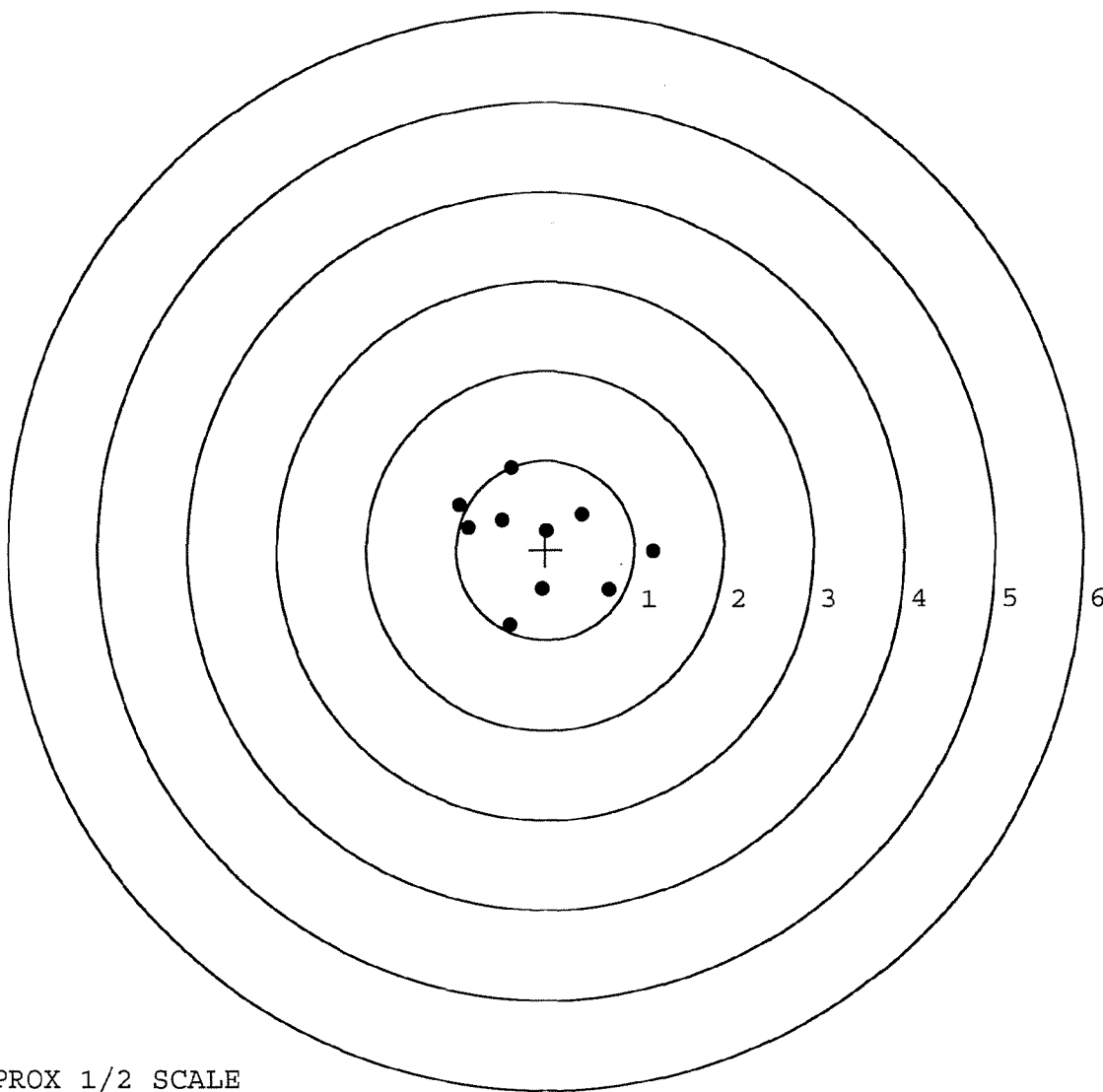
MEAN RADIUS: 0.765

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.217  | -0.021 |
| 2:     | 0.715  | -0.453 |
| 3:     | -0.400 | -0.843 |
| 4:     | -0.034 | -0.444 |
| 5:     | 0.407  | 0.394  |
| 6:     | 0.013  | 0.207  |
| 7:     | -0.493 | 0.330  |
| 8:     | -0.866 | 0.251  |
| 9:     | -0.961 | 0.501  |
| 10:    | -0.380 | 0.917  |



TARGET APPROX 1/2 SCALE