

66616377

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



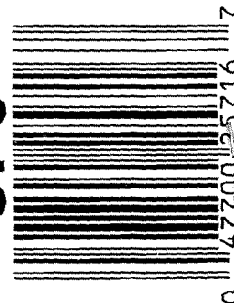
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6616377

UPC



**ORDER 25716**

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

**UPC**



**ORDER 25716**

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

**UPC**



SERIAL NO.



## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6616377

| OP #         | OPERATION NAME                                                 | READINGS            | DATE     | INITIAL |
|--------------|----------------------------------------------------------------|---------------------|----------|---------|
| 410          | SERIALIZE BOLT HANDLE                                          |                     | 10-23-06 | RTZ     |
| 420          | ASSEMBLE ACTION                                                |                     | 10-23-06 | BLC     |
| 430          | ASSEMBLE TO STOCK                                              |                     | 11-21-06 | SD      |
| 440          | PROOF                                                          | MAGNA-FLUX          | 11-21-06 | H.P.N.  |
| 460          | CHECK HEADSPACE                                                | INSPECTED           | 11-21-06 | SD      |
| 470          | DIS-ASSEMBLE ACTION                                            | NOV 29 2006         | 11-27-06 | BLC     |
| 480          | MAGNAFLUX BBL ACTION                                           | OPERATOR <u>mmf</u> | 11/29/06 | mmf     |
| 490          | MAGNAFLUX BOLT                                                 |                     |          |         |
| 500          | ROLLMARK CALIBER                                               |                     | 11-29-06 | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                   |                     | 11-28-06 | SD      |
| 520          | GOFF BLAST BBL / REC                                           |                     | 11/29/06 | (JC)    |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                              |                     |          |         |
|              | (BOLT)                                                         |                     | 12/5/06  | B       |
| 560          | RE-ASSEMBLE ACTION                                             |                     |          |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                            |                     | 12-6-06  | RTZ     |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD |                     | 12-6-06  | RTZ     |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                         |                     | 12-6-06  | RTZ     |
|              | D) OIL FIRING PIN ASSEMBLY                                     |                     | 12-6-06  | RTZ     |
|              | E) ADJUST TRIGGER PULL<br>TO MIN. SETTING AND<br>STAKE         | 2.50 LBS +/- .5 LBS |          |         |

F004 REV 5/2006

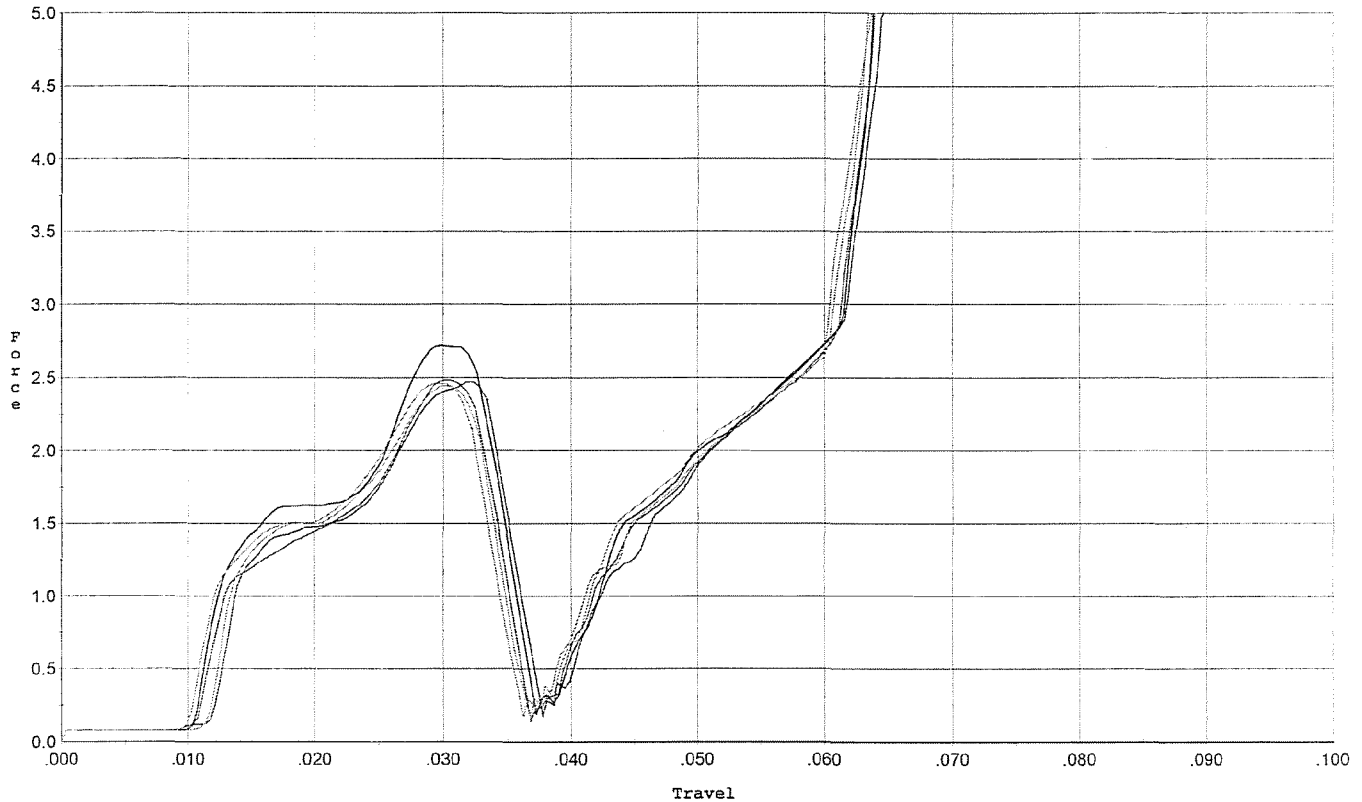
| OPERATION NAME |                                                                       |                                           | READINGS       |             |             | DATE        | INITIAL     |          |     |
|----------------|-----------------------------------------------------------------------|-------------------------------------------|----------------|-------------|-------------|-------------|-------------|----------|-----|
| 560            | F) SAFETY ON FORCE                                                    | 2 LBS MIN<br>10 LBS MAX                   | <u>40</u>      | <u>40</u>   | <u>40</u>   | 12-14-06    | SD          |          |     |
| CONT.          | G) SAFETY OFF FORCE                                                   | 2 LBS MIN                                 | <u>65</u>      | <u>60</u>   | <u>60</u>   | 12-14-06    | SP          |          |     |
|                | H) TRIGGER PULL TEST<br>AND RETAINABILITY                             |                                           |                |             |             |             |             |          |     |
|                | I) FIRING PIN INDENT                                                  | .020 MIN                                  | <u>.026</u>    | <u>.026</u> | <u>.025</u> | 12-14-06    | SD          |          |     |
|                | J) ASSEMBLE STOCK                                                     |                                           |                |             |             | 12-6-06     | RR          |          |     |
|                | K) ASSEMBLE SWIVEL<br>STUDS                                           |                                           |                |             |             | 12-15-06    | BLG         |          |     |
|                | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                              |                                           |                |             |             | 12-15-06    | BLG         |          |     |
|                | M) IRON SIGHT<br>ALIGNMENT                                            |                                           |                |             |             | 12-15-06    | BLG         |          |     |
|                | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER |                                           |                |             |             | 12-15-06    | BLG         |          |     |
| 640 &<br>650   | FUNCTION TEST AND<br>TARGET                                           |                                           | <u>PASS</u>    | FAIL        |             | 12/8/06     | mom         |          |     |
|                |                                                                       |                                           | <u>PASS</u>    | FAIL        |             |             |             |          |     |
|                | MALFUNCTION                                                           |                                           | CORRECTION N/A |             |             |             |             |          |     |
|                | MALFUNCTION                                                           |                                           |                |             |             |             |             |          |     |
|                | MALFUNCTION                                                           |                                           |                |             |             |             |             |          |     |
|                | MALFUNCTION                                                           |                                           |                |             |             |             |             |          |     |
| 660            | INSPECT FOR LIVE AMMO                                                 |                                           |                |             |             | 12/8/06     | M/L         |          |     |
| 670            | FINAL INSPECTION<br>A) HEADSPACE                                      |                                           |                |             |             | 12-15-06    | BLG         |          |     |
|                | B) TRIGGER PULL                                                       | +/- .5 LBS<br>MIN 2.50 LBS<br>MAX 4.0 LBS | <u>2.62</u>    | <u>2.36</u> | <u>2.43</u> | <u>2.32</u> | <u>2.46</u> | 12-14-06 | BLG |
|                | C) FUNCTION                                                           |                                           |                |             |             |             |             | 12-15-06 | BLG |
| 690            | PACK                                                                  |                                           |                |             |             |             |             | 1-30-07  | RA  |

F004 REV 5/2006

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 11/14/06

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



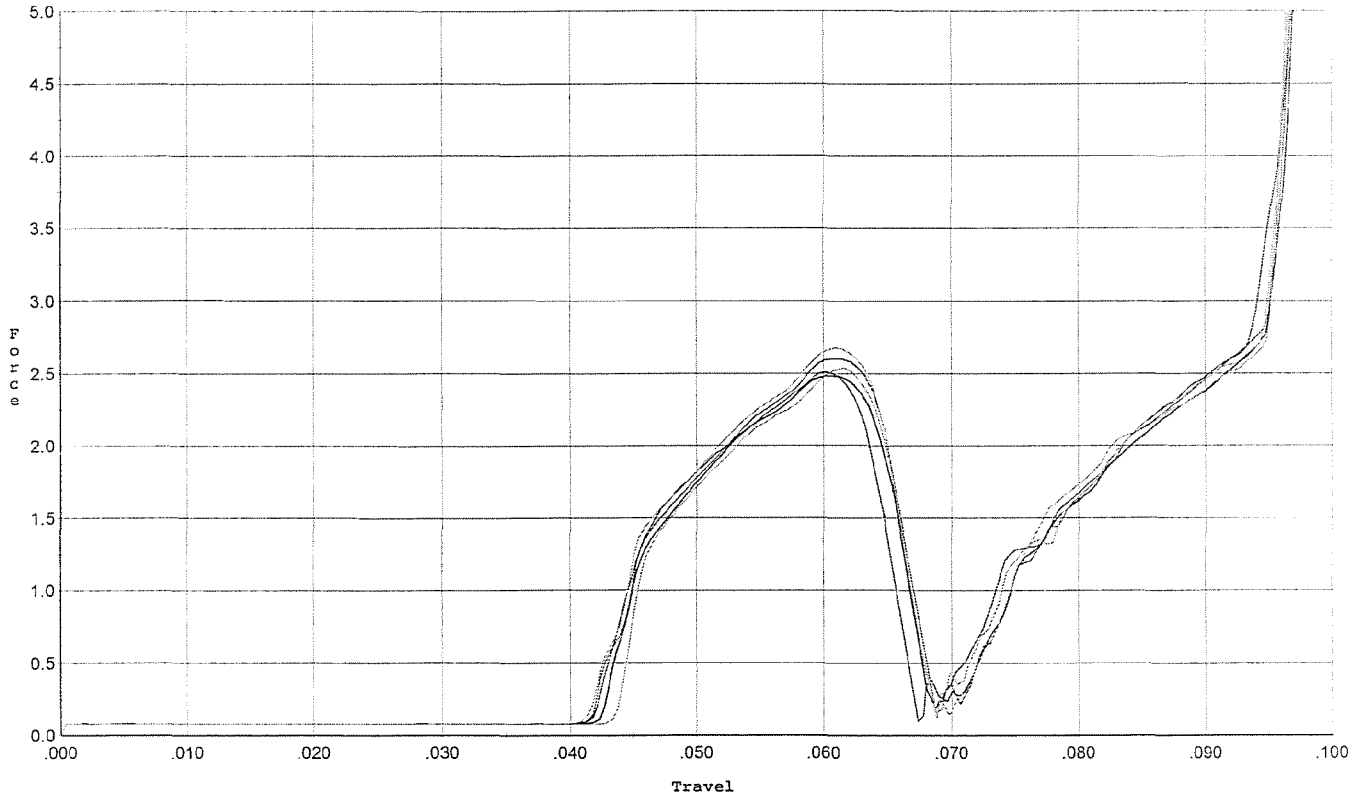
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.472      | 0.033             | 0.012           | 0.036      | 0.038             |           | Set Trigger |
| 2 | 2.723      | 0.034             | 0.011           | 0.034      | 0.044             |           | Set Trigger |
| 3 | 2.486      | 0.034             | 0.011           | 0.037      | 0.039             |           | Set Trigger |
| 4 | 2.445      | 0.033             | 0.012           | 0.037      | 0.037             |           | Set Trigger |
| 5 | 2.459      | 0.032             | 0.010           | 0.038      | 0.038             |           | Set Trigger |

2.52 Avg.

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: M. McKinney 11/14/06

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



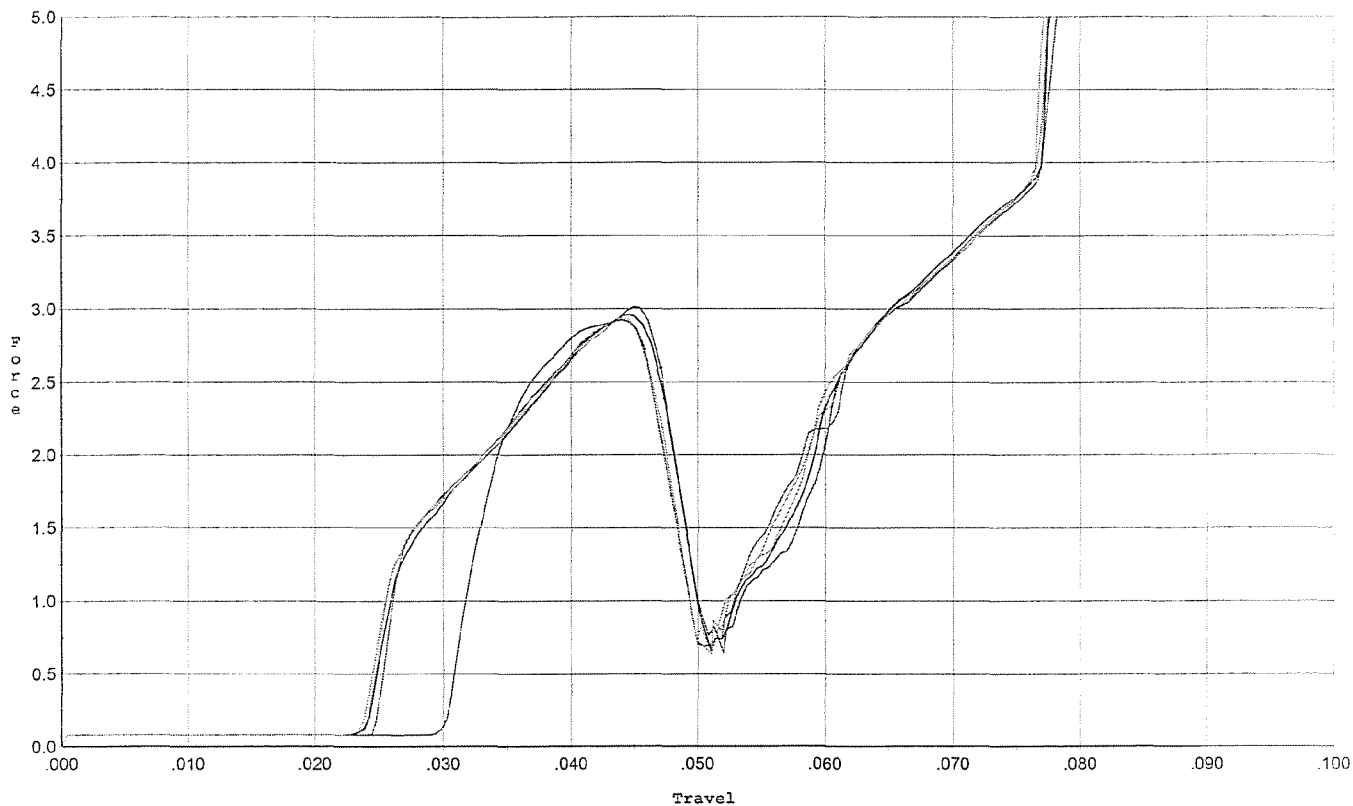
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.510      | 0.065             | 0.042           | 0.039      | 0.046             |           | Set Trigger |
| 2 | 2.484      | 0.065             | 0.043           | 0.038      | 0.047             |           | Set Trigger |
| 3 | 2.605      | 0.065             | 0.042           | 0.038      | 0.048             |           | Set Trigger |
| 4 | 2.680      | 0.065             | 0.042           | 0.038      | 0.050             |           | Set Trigger |
| 5 | 2.539      | 0.065             | 0.044           | 0.038      | 0.046             |           | Set Trigger |

2.56 Avg

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 11/14/06

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



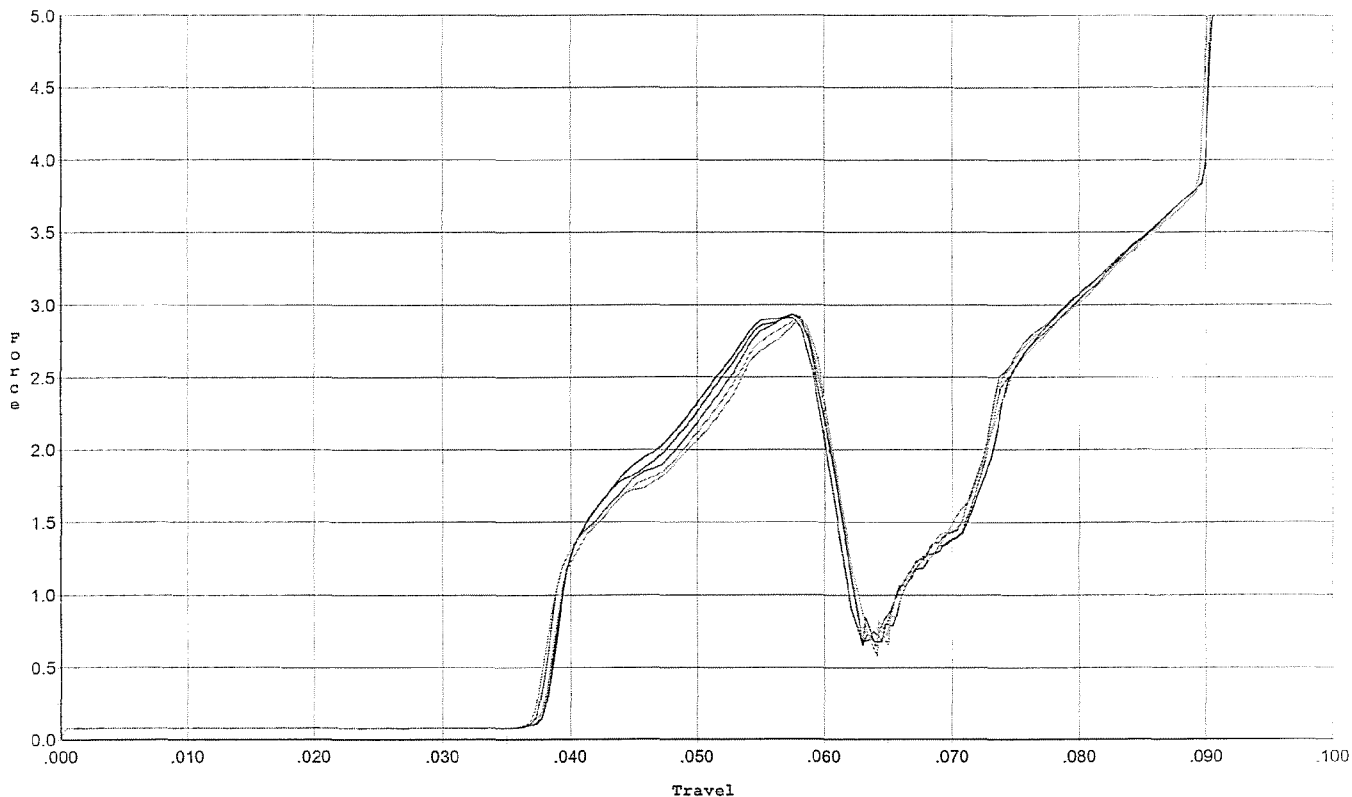
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.013      | 0.047             | 0.030           | 0.034      | 0.044             |           | Set Trigger |
| 2 | 2.961      | 0.047             | 0.024           | 0.033      | 0.052             |           | Set Trigger |
| 3 | 2.925      | 0.048             | 0.025           | 0.034      | 0.052             |           | Set Trigger |
| 4 | 2.939      | 0.047             | 0.024           | 0.034      | 0.052             |           | Set Trigger |
| 5 | 2.936      | 0.048             | 0.024           | 0.033      | 0.052             |           | Set Trigger |

2.96 Avg

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 11/14/06

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



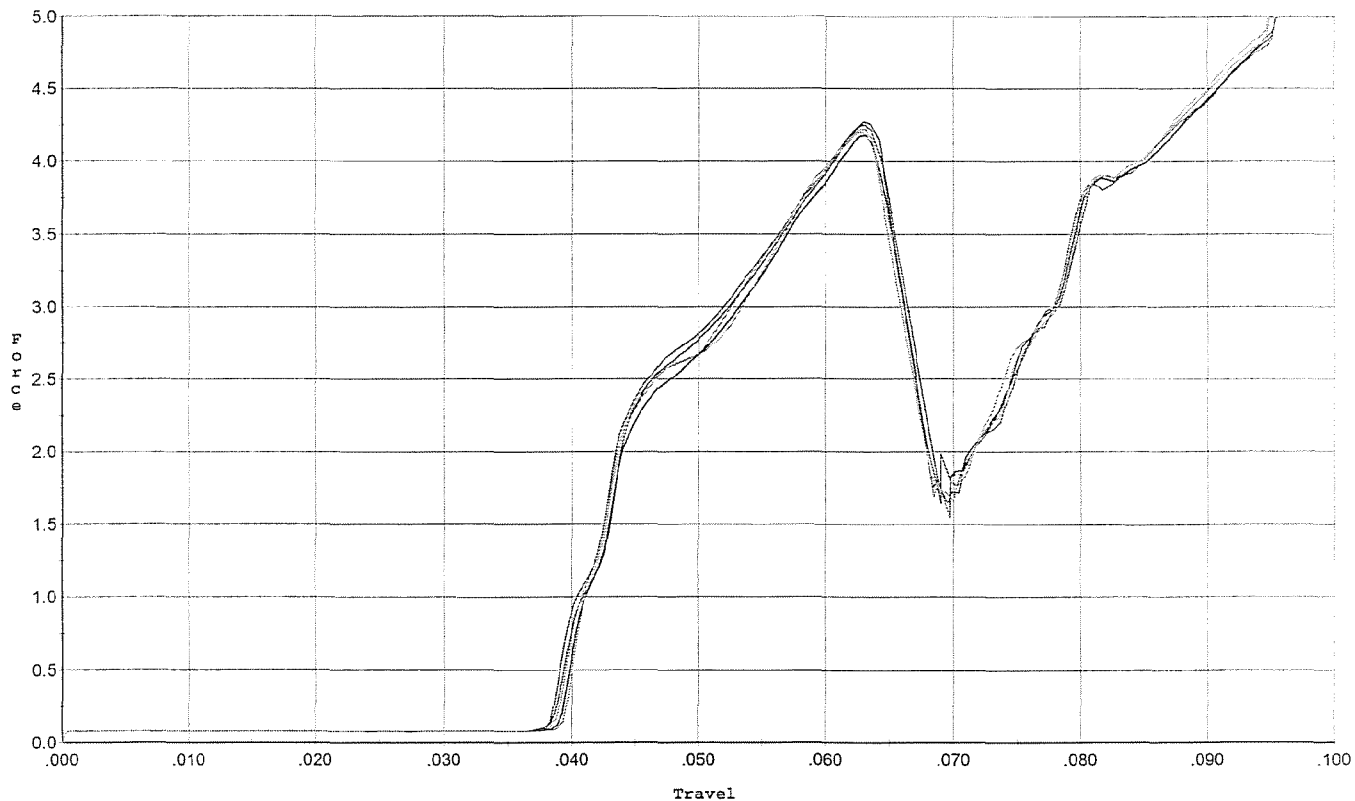
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.912      | 0.059             | 0.038           | 0.037      | 0.050             |           | Set Trigger |
| 2 | 2.935      | 0.060             | 0.038           | 0.037      | 0.052             |           | Set Trigger |
| 3 | 2.934      | 0.060             | 0.038           | 0.036      | 0.051             |           | Set Trigger |
| 4 | 2.903      | 0.060             | 0.037           | 0.036      | 0.050             |           | Set Trigger |
| 5 | 2.892      | 0.059             | 0.038           | 0.036      | 0.049             |           | Set Trigger |

2.92 Avg.

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 11/14/06

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



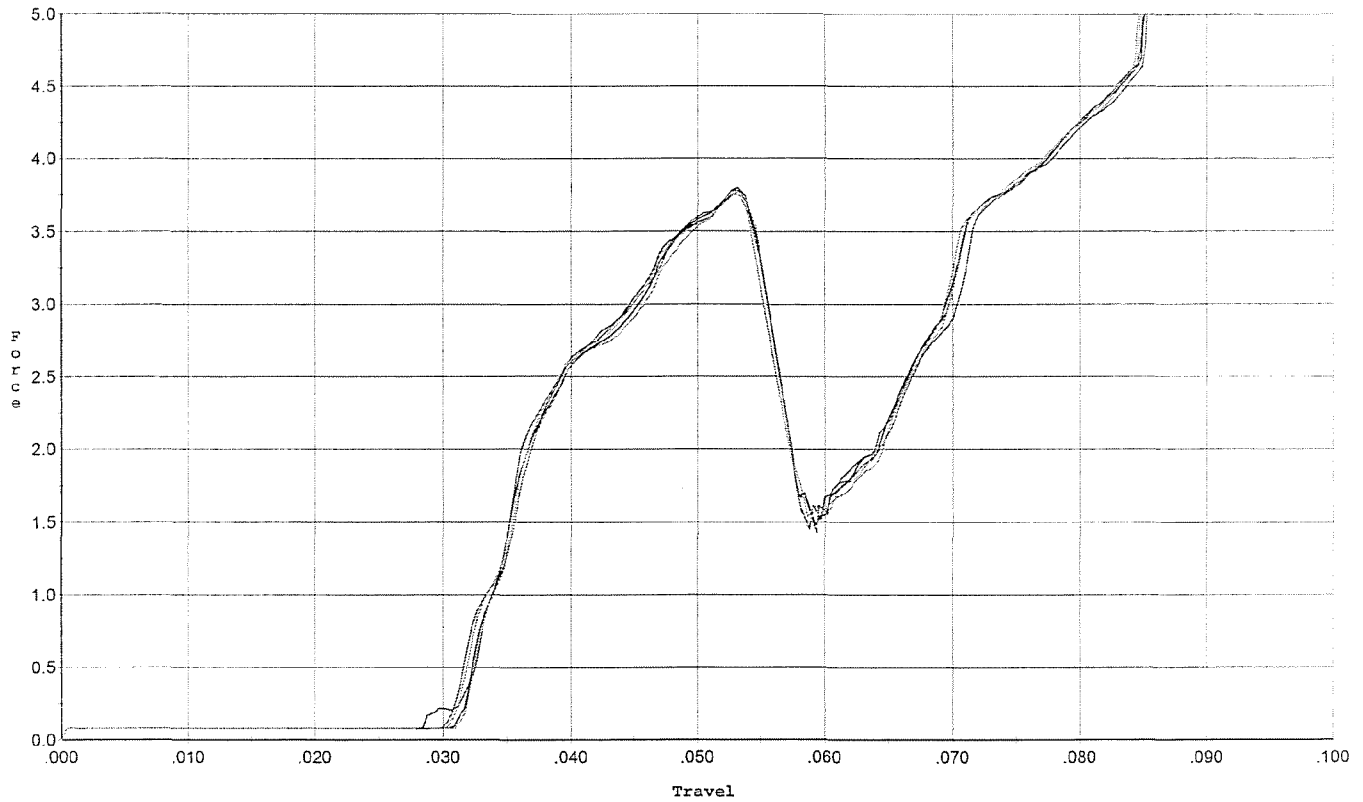
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.271      | 0.066             | 0.039           | 0.034      | 0.084             |           | Set Trigger |
| 2 | 4.177      | 0.065             | 0.039           | 0.035      | 0.079             |           | Set Trigger |
| 3 | 4.250      | 0.064             | 0.039           | 0.034      | 0.082             |           | Set Trigger |
| 4 | 4.200      | 0.064             | 0.040           | 0.034      | 0.078             |           | Set Trigger |
| 5 | 4.216      | 0.065             | 0.039           | 0.034      | 0.082             |           | Set Trigger |

4.22 Avg

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 11/14/06

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



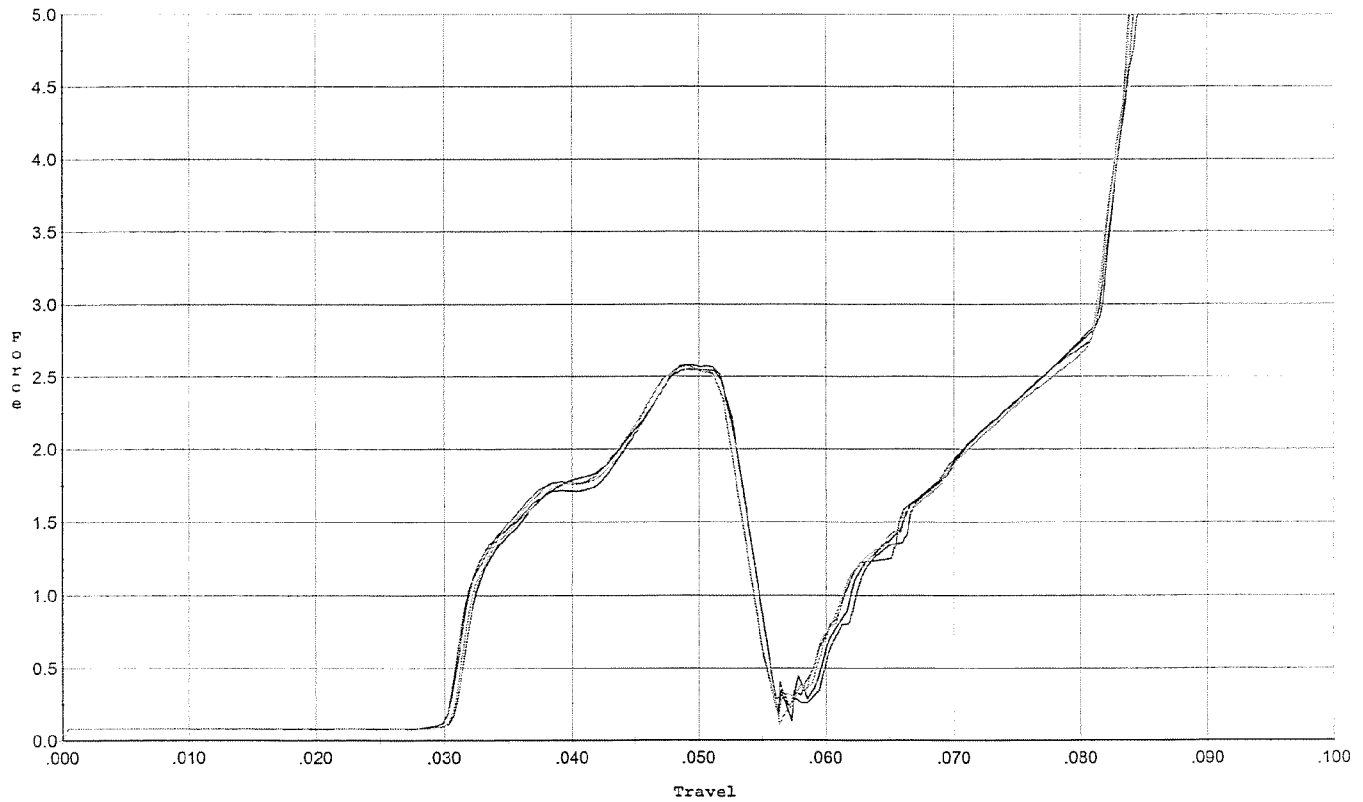
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.759      | 0.054             | 0.029           | 0.034      | 0.066             |           | Set Trigger |
| 2 | 3.802      | 0.055             | 0.031           | 0.034      | 0.067             |           | Set Trigger |
| 3 | 3.782      | 0.055             | 0.031           | 0.033      | 0.069             |           | Set Trigger |
| 4 | 3.759      | 0.054             | 0.031           | 0.033      | 0.066             |           | Set Trigger |
| 5 | 3.770      | 0.055             | 0.032           | 0.033      | 0.066             |           | Set Trigger |

3.77 Avg.

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: M. McKinney 11/14/06

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



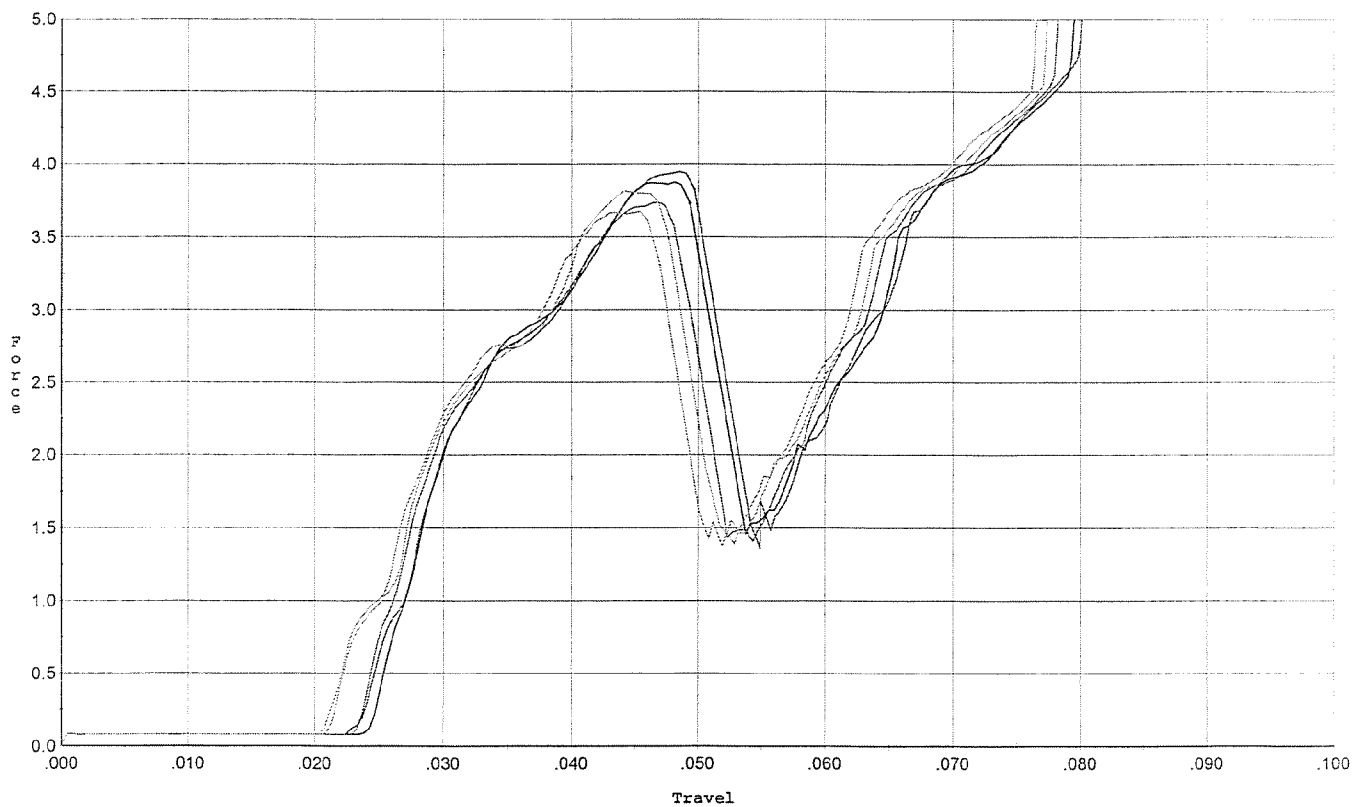
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.582      | 0.053             | 0.030           | 0.036      | 0.045             |           | Set Trigger |
| 2 | 2.551      | 0.053             | 0.031           | 0.036      | 0.044             |           | Set Trigger |
| 3 | 2.581      | 0.052             | 0.030           | 0.036      | 0.044             |           | Set Trigger |
| 4 | 2.555      | 0.053             | 0.031           | 0.036      | 0.044             |           | Set Trigger |
| 5 | 2.570      | 0.052             | 0.031           | 0.036      | 0.044             |           | Set Trigger |

2.57 Avg.

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: M. McKinney 11/14/06

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 | 3.948      | 0.050             | 0.024           | 0.031      | 0.075             |           | Set Trigger |
| 2 | 3.874      | 0.049             | 0.025           | 0.031      | 0.072             |           | Set Trigger |
| 3 | 3.740      | 0.050             | 0.024           | 0.031      | 0.071             |           | Set Trigger |
| 4 | 3.813      | 0.048             | 0.021           | 0.031      | 0.070             |           | Set Trigger |
| 5 | 3.672      | 0.047             | 0.021           | 0.031      | 0.068             |           | Set Trigger |

3.81 Avg.

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6616377.\_\_\_0  
FILE DATE AND TIME: 12/09/2006 06:10

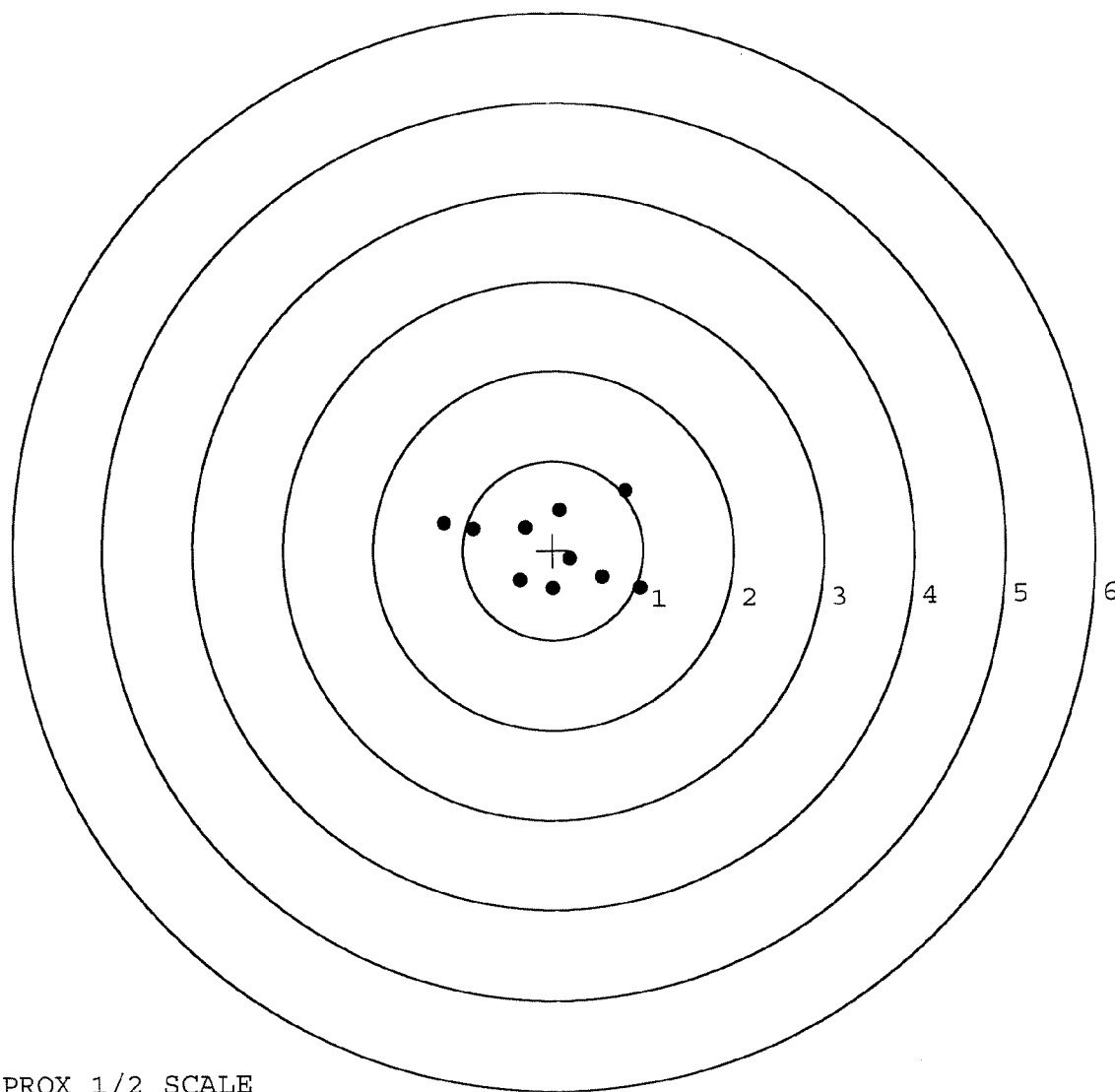
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.006 |
| The Average Y Centroid of the Five Target Set:              | -0.003 |
| The Average Point of Impact of the Five Target Set:         | 0.007  |
| The Average Mean Radius of the Five Target Set:             | 0.662  |
| The Distance from POA to Centroid Target #1:                | 0.036  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.153  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.118  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.129  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.089  |

SERIAL NUMBER: G6616377. \_\_0  
 TARGET NUMBER: 1  
 FILE DATE: 12/09/2006  
 FILE TIME: 06:10

X CENTROID: -0.019  
 Y CENTROID: 0.031  
 POA TO CENTROID: 0.036  
 HORZ SPREAD: 2.170  
 VERT SPREAD: 1.092  
 GROUP SPREAD: 2.297  
 MIN RADIUS: 0.245  
 MAX RADIUS: 1.223  
 MEAN RADIUS: 0.690  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 7  
 # in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.209 | 0.316  |
| 2:     | -0.884 | 0.248  |
| 3:     | -0.304 | 0.256  |
| 4:     | 0.085  | 0.447  |
| 5:     | 0.810  | 0.655  |
| 6:     | 0.961  | -0.437 |
| 7:     | 0.540  | -0.308 |
| 8:     | 0.188  | -0.100 |
| 9:     | -0.010 | -0.427 |
| 10:    | -0.369 | -0.340 |

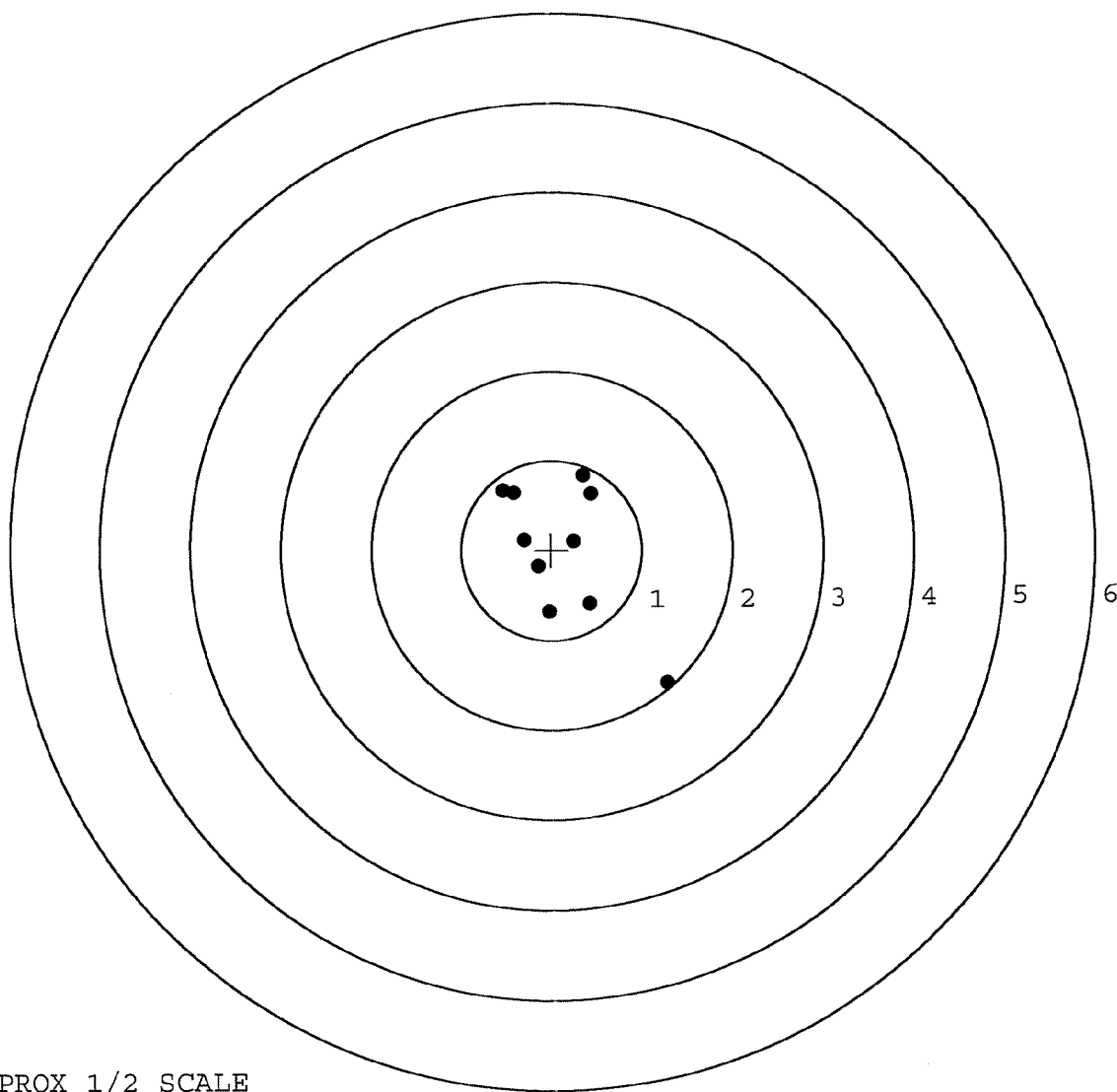


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616377. \_\_0  
 TARGET NUMBER: 2  
 FILE DATE: 12/09/2006  
 FILE TIME: 06:10

X CENTROID: 0.130  
 Y CENTROID: 0.000  
 POA TO CENTROID: 0.130  
 HORZ SPREAD: 1.807  
 VERT SPREAD: 2.311  
 GROUP SPREAD: 2.803  
 MIN RADIUS: 0.154  
 MAX RADIUS: 1.869  
 MEAN RADIUS: 0.751  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.269  | -1.482 |
| 2:     | 0.425  | -0.602 |
| 3:     | -0.029 | -0.687 |
| 4:     | -0.149 | -0.181 |
| 5:     | -0.305 | 0.113  |
| 6:     | 0.252  | 0.095  |
| 7:     | 0.441  | 0.621  |
| 8:     | 0.356  | 0.829  |
| 9:     | -0.538 | 0.661  |
| 10:    | -0.418 | 0.635  |

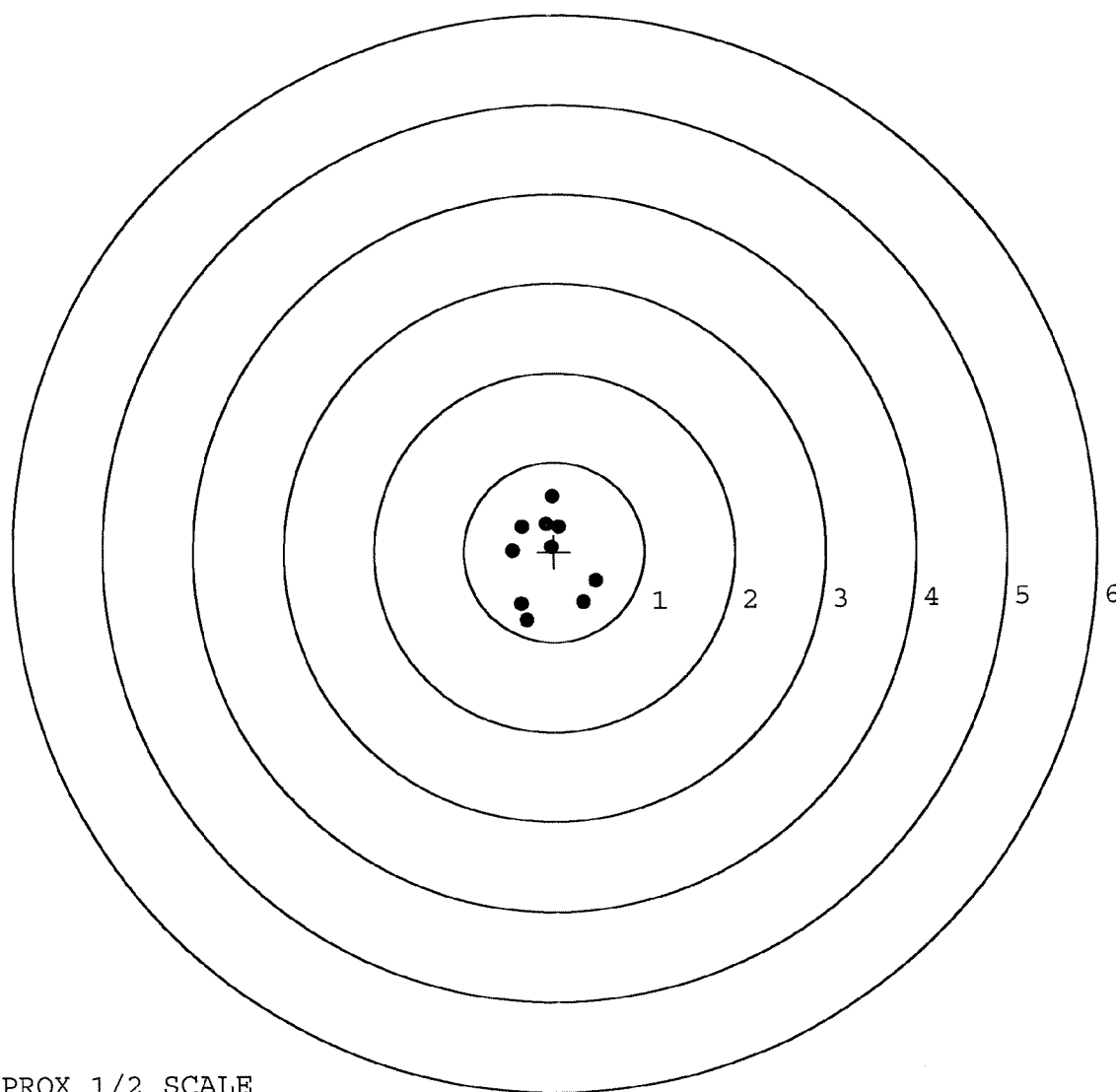


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616377. \_\_0  
 TARGET NUMBER: 3  
 FILE DATE: 12/09/2006  
 FILE TIME: 06:10

X CENTROID: -0.079  
 Y CENTROID: -0.070  
 POA TO CENTROID: 0.106  
 HORZ SPREAD: 0.927  
 VERT SPREAD: 1.375  
 GROUP SPREAD: 1.405  
 MIN RADIUS: 0.131  
 MAX RADIUS: 0.727  
 MEAN RADIUS: 0.496  
 # IN 1 IN DIAMETER: 5  
 # IN 2 IN DIAMETER: 10  
 # in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.307 | -0.761 |
| 2:     | -0.373 | -0.584 |
| 3:     | 0.324  | -0.561 |
| 4:     | 0.466  | -0.331 |
| 5:     | -0.019 | 0.614  |
| 6:     | 0.055  | 0.277  |
| 7:     | -0.031 | 0.052  |
| 8:     | -0.461 | 0.009  |
| 9:     | -0.358 | 0.276  |
| 10:    | -0.090 | 0.307  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616377. \_\_0

TARGET NUMBER: 4

FILE DATE: 12/09/2006

FILE TIME: 06:10

X CENTROID: -0.037

Y CENTROID: -0.097

POA TO CENTROID: 0.104

HORZ SPREAD: 1.952

VERT SPREAD: 1.343

GROUP SPREAD: 2.045

MIN RADIUS: 0.336

MAX RADIUS: 1.095

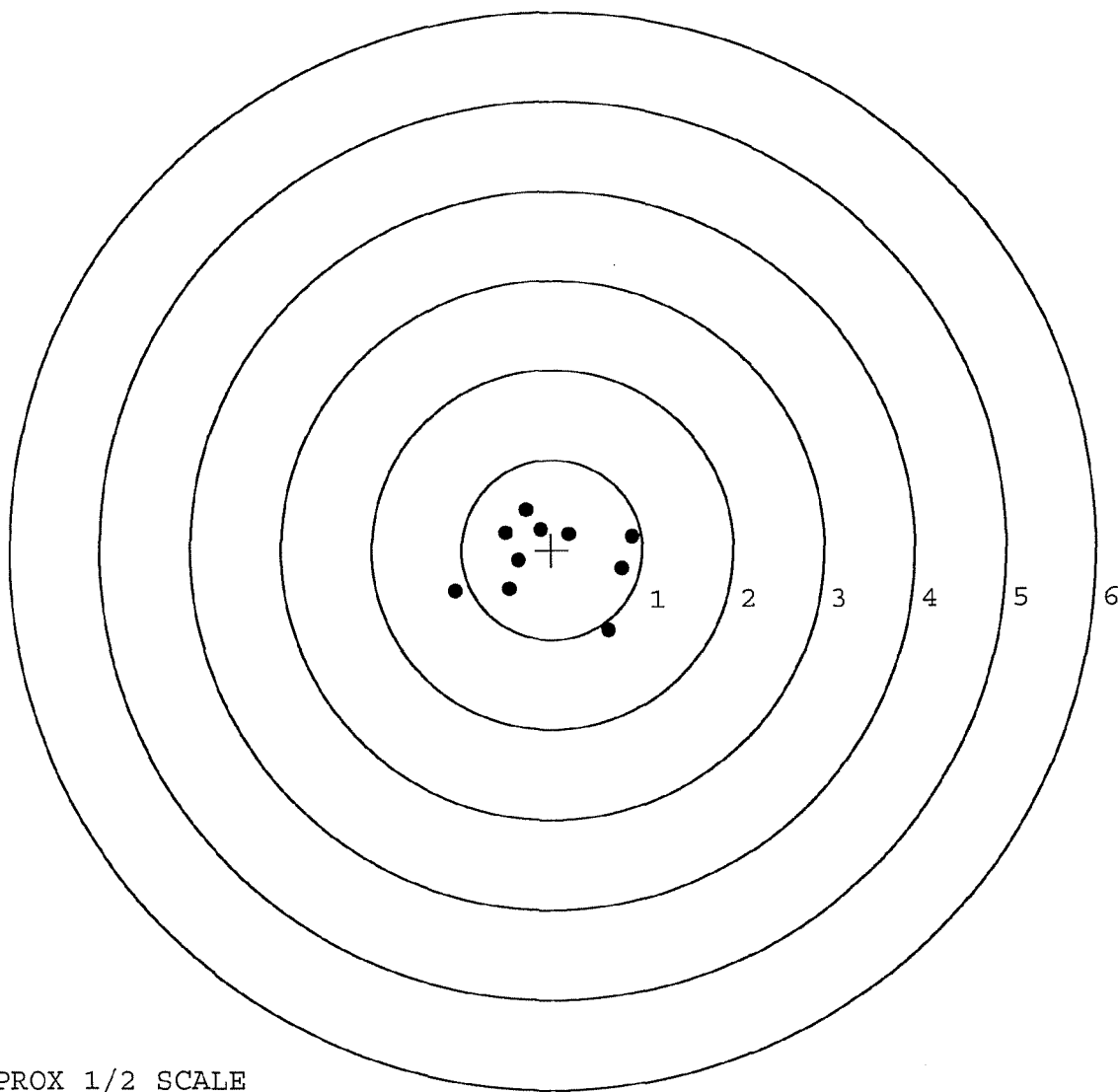
MEAN RADIUS: 0.665

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.625  | -0.901 |
| 2:     | 0.777  | -0.219 |
| 3:     | 0.884  | 0.144  |
| 4:     | -1.068 | -0.466 |
| 5:     | -0.468 | -0.440 |
| 6:     | 0.190  | 0.178  |
| 7:     | -0.372 | -0.123 |
| 8:     | -0.133 | 0.229  |
| 9:     | -0.291 | 0.442  |
| 10:    | -0.514 | 0.187  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616377. \_\_0

TARGET NUMBER: 5

FILE DATE: 12/09/2006

FILE TIME: 06:10

X CENTROID: -0.024

Y CENTROID: 0.120

POA TO CENTROID: 0.122

HORZ SPREAD: 1.611

VERT SPREAD: 1.526

GROUP SPREAD: 1.931

MIN RADIUS: 0.157

MAX RADIUS: 1.015

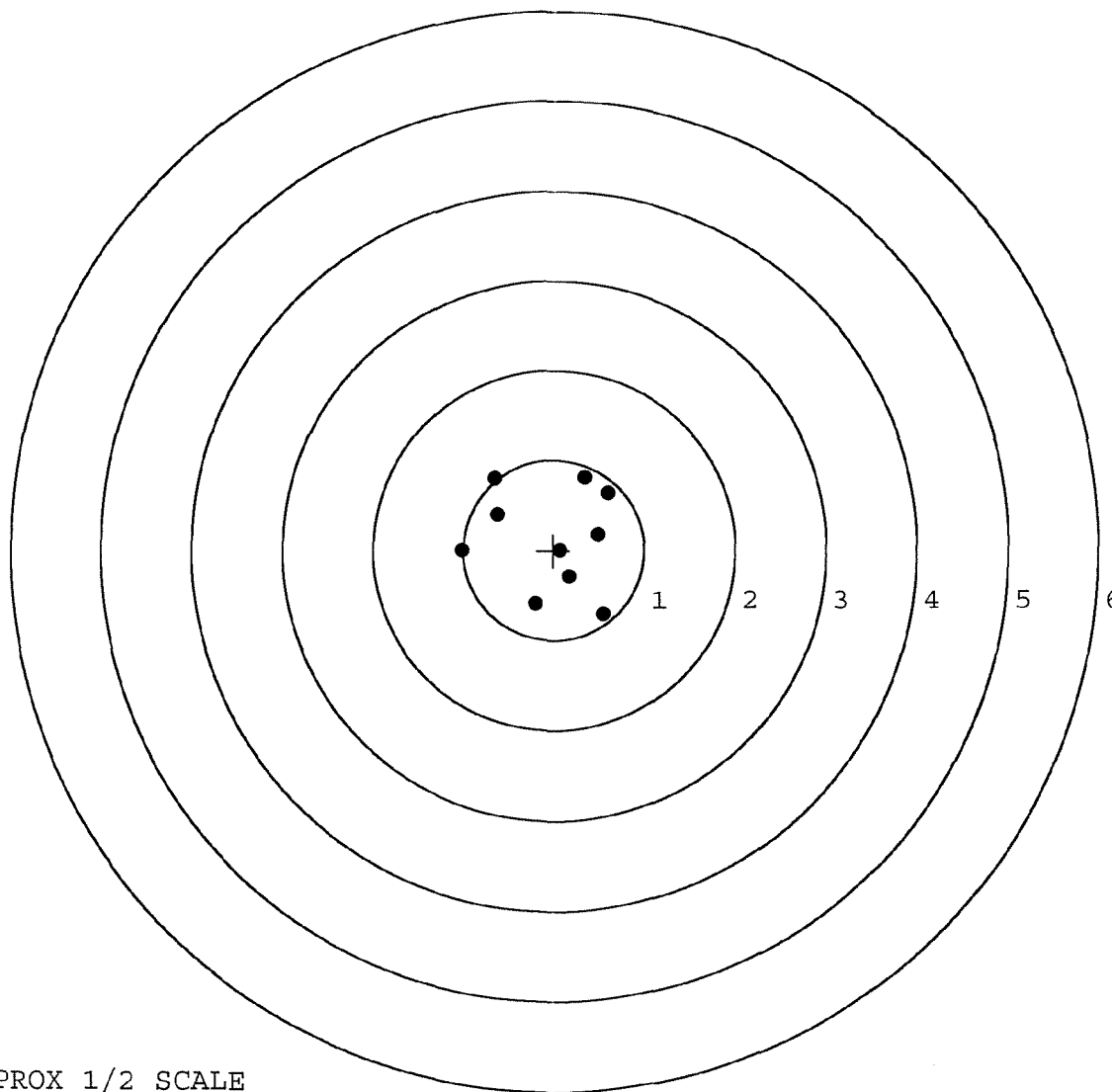
MEAN RADIUS: 0.706

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.650 | 0.795  |
| 2:     | -0.621 | 0.397  |
| 3:     | -1.010 | -0.004 |
| 4:     | 0.553  | -0.716 |
| 5:     | -0.204 | -0.601 |
| 6:     | 0.179  | -0.294 |
| 7:     | 0.074  | -0.003 |
| 8:     | 0.489  | 0.174  |
| 9:     | 0.601  | 0.638  |
| 10:    | 0.350  | 0.810  |



TARGET APPROX 1/2 SCALE