

G669 5431

**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



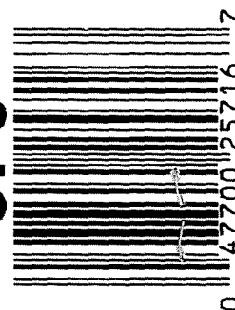
**ORDER NO. 25716**

**BARREL LENGTH 24"**

**CAPACITY 6**

**G6695431**

**UPC**



**ORDER 25716**

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

**UPC**



0 47700 25716 7

**ORDER 25716**

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

**UPC**



0 47700 25716 7

SERIAL NO.



66695431

## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G669 5431

| OP #            | OPERATION NAME                                                 | READINGS            | DATE     | INITIAL |
|-----------------|----------------------------------------------------------------|---------------------|----------|---------|
| 410             | SERIALIZE BOLT HANDLE                                          |                     | 12-5-07  | RTZ     |
| 420             | ASSEMBLE ACTION                                                |                     | 12-5-07  | RTZ     |
| 430             | ASSEMBLE TO STOCK                                              |                     | 12-6-07  | RTZ     |
| 440             | PROOF                                                          | MAGNA - FLUX        | 12-6-07  | TRW     |
| 460             | CHECK HEADSPACE                                                | 2.1 2000            | 12-6-07  | TRW     |
| 470             | DIS-ASSEMBLE ACTION                                            |                     | 12-6-07  | RTZ     |
| 480             | MAGNAFLUX BBL ACTION                                           | OPERATOR JB         | 12-10-07 | JB      |
| 490             | MAGNAFLUX BOLT                                                 |                     |          |         |
| 500             | ROLLMARK CALIBER                                               |                     | 12-7-07  | CW      |
| 510             | DRILL AND TAP<br>SIGHT HOLES                                   |                     | 12-7-07  | FM      |
| 520             | GOFF BLAST BBL / REC                                           |                     | 12-11-07 | JY      |
| 530 &<br>540    | APPLY COATINGS<br>(BARREL ACTION)                              |                     |          |         |
|                 | (BOLT)                                                         |                     | 12/14/07 | JB      |
| 560             | RE-ASSEMBLE ACTION                                             |                     |          |         |
|                 | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                            |                     | 12-20-07 | DA      |
|                 | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD |                     | 12-20-07 | DA      |
|                 | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                         |                     | 12-20-07 | DA      |
|                 | D) OIL FIRING PIN ASSEMBLY                                     |                     | 12-20-07 | RTZ     |
|                 | E) ADJUST TRIGGER PULL<br>TO MIN. SETTING AND<br>STAKE         | 2.50 LBS +/- .5 LBS | 1/8/08   | ms      |
| F004 REV 5/2006 |                                                                |                     |          |         |

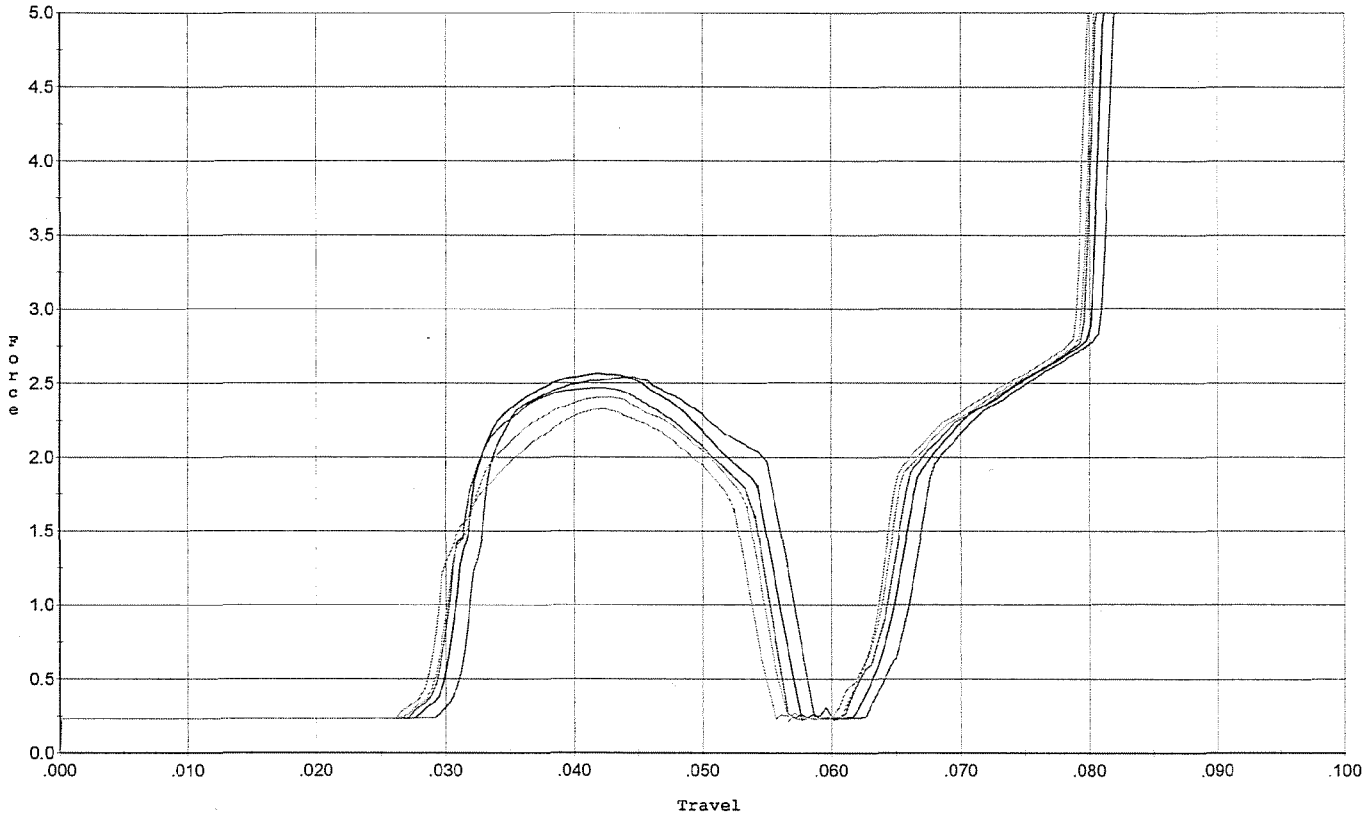
| OP #         | OPERATION NAME                                                           | READINGS                                                   | DATE    | INITIAL |
|--------------|--------------------------------------------------------------------------|------------------------------------------------------------|---------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>5.5</u> <u>5.0</u> <u>5.25</u>                          | 1/4/08  | mtm     |
| CONT.        |                                                                          |                                                            |         |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>4.0</u> <u>3.75</u> <u>3.15</u>                         | 1/4/08  | mtm     |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                            | 1/5/08  | mtm     |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.022</u> <u>.023</u> <u>.023</u>                        | 1/4/08  | mtm     |
|              | J) ASSEMBLE STOCK                                                        |                                                            | 12-2007 | RZ      |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                            | 1/8/08  | mtm     |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                            | 1/8/08  | mtm     |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                            | 1/8/08  | mtm     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                            | 1/8/08  | mtm     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                       | 1/3/08  | mtm     |
|              | MALFUNCTION                                                              | CORRECTION                                                 |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                 |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                 |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                 |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                            | 1-3-08  | SD      |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                            | 1/8/08  | mtm     |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>250</u> <u>2.40</u> <u>2.41</u> <u>2.44</u> <u>2.50</u> | 1/4/08  | mtm     |
|              | C) FUNCTION                                                              |                                                            | 1/8/08  | mtm     |
| 690          | PACK                                                                     |                                                            | 1-9-08  | DA      |

F004 REV 5/2006

# Trigger Profile [ lbs,inch ]

**Profile:** SWS  
**GunType:** Rifle  
**Make:** Remington  
**Note:** M. McKinney 12/19/07

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



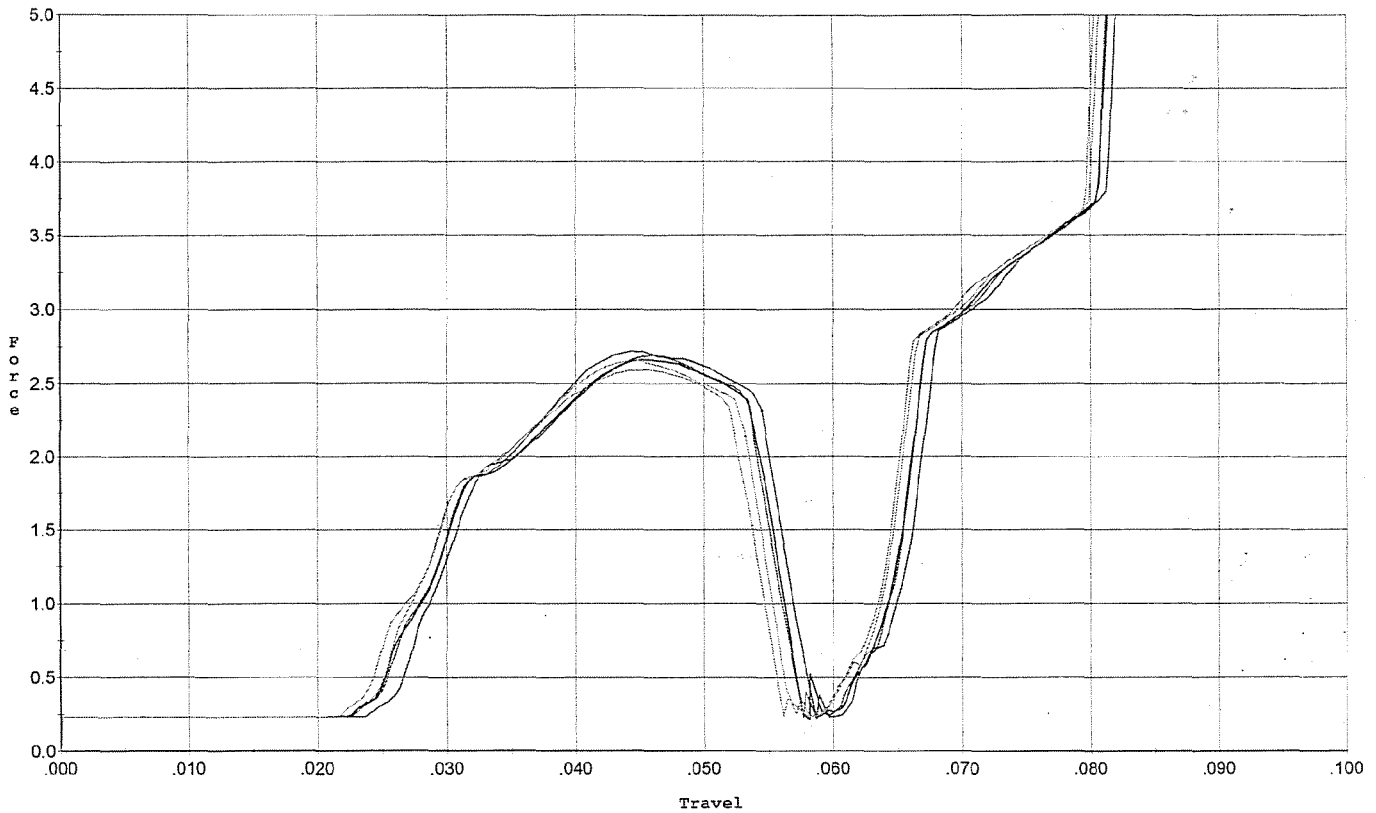
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.540      | 0.057             | 0.030           | 0.032      | 0.063             |           | Set Trigger |
| 2 | 2.563      | 0.054             | 0.030           | 0.032      | 0.061             |           | Set Trigger |
| 3 | 2.467      | 0.054             | 0.029           | 0.032      | 0.059             |           | Set Trigger |
| 4 | 2.407      | 0.053             | 0.029           | 0.032      | 0.057             |           | Set Trigger |
| 5 | 2.325      | 0.053             | 0.028           | 0.032      | 0.054             |           | Set Trigger |

246 Avg.

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 12/19/07

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



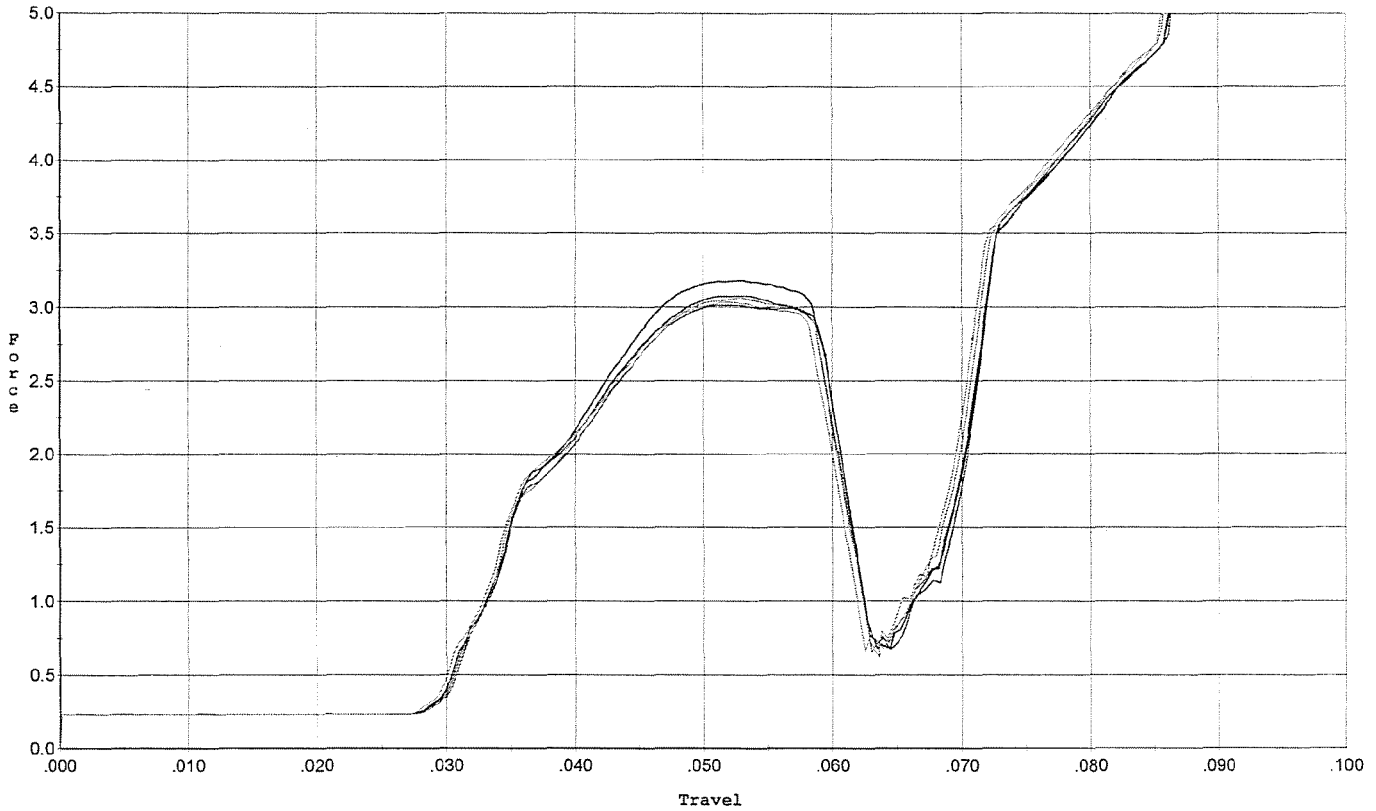
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.692      | 0.054             | 0.026           | 0.031      | 0.067             |           | Set Trigger |
| 2 | 2.663      | 0.055             | 0.025           | 0.031      | 0.067             |           | Set Trigger |
| 3 | 2.718      | 0.053             | 0.025           | 0.031      | 0.067             |           | Set Trigger |
| 4 | 2.656      | 0.053             | 0.025           | 0.031      | 0.066             |           | Set Trigger |
| 5 | 2.591      | 0.054             | 0.024           | 0.031      | 0.065             |           | Set Trigger |

2.66 Avg.

# Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: M. McKinney 12/19/07

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



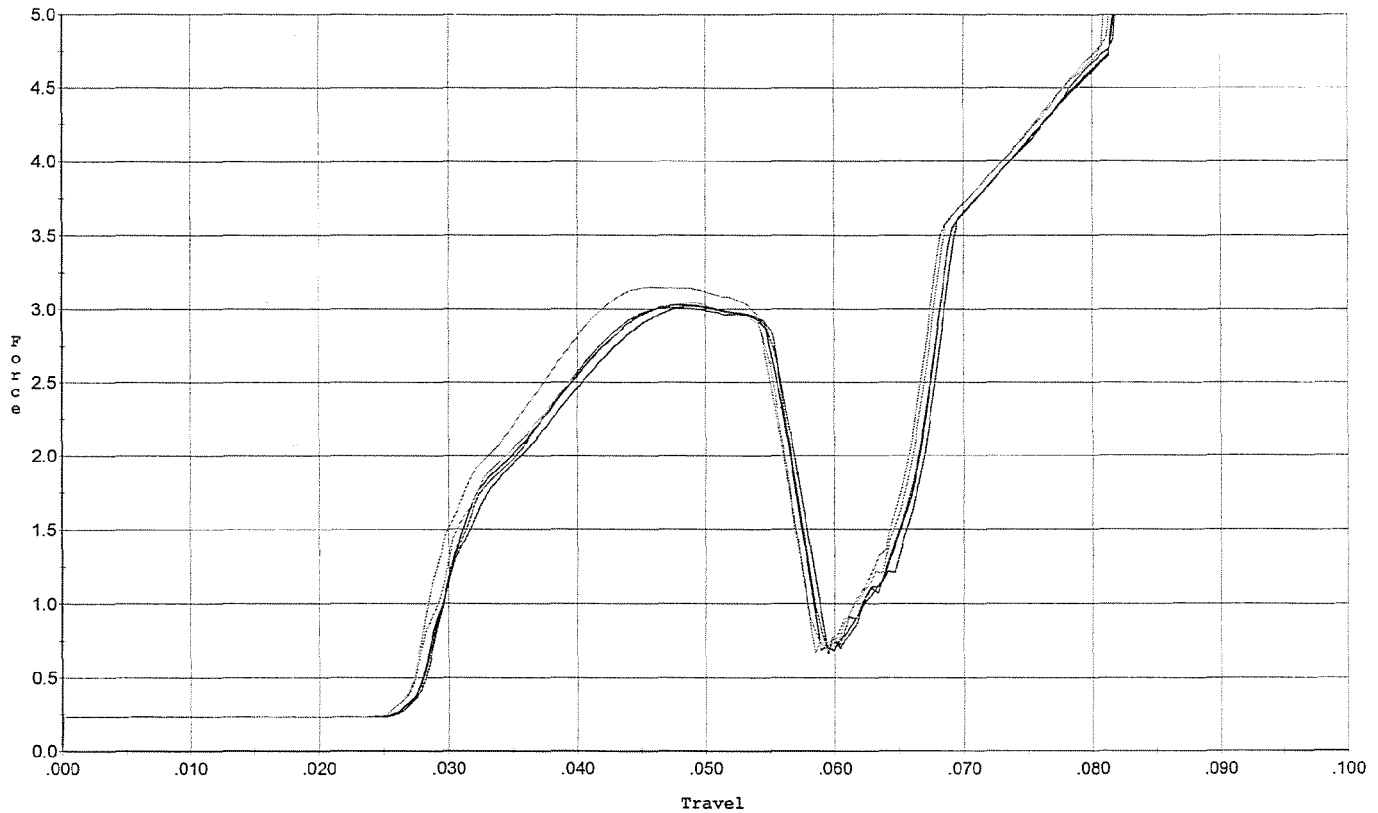
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.077      | 0.059             | 0.030           | 0.031      | 0.077             |           | Set Trigger |
| 2 | 3.180      | 0.059             | 0.030           | 0.031      | 0.079             |           | Set Trigger |
| 3 | 3.012      | 0.060             | 0.030           | 0.031      | 0.077             |           | Set Trigger |
| 4 | 3.035      | 0.060             | 0.030           | 0.031      | 0.076             |           | Set Trigger |
| 5 | 3.062      | 0.059             | 0.030           | 0.031      | 0.075             |           | Set Trigger |

3.07 Avg.

# Trigger Profile [ lbs,inch ]

**Profile:** SWS  
**GunType:** Rifle  
**Make:** Remington  
**Note:** M. McKinney 12/19/07

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



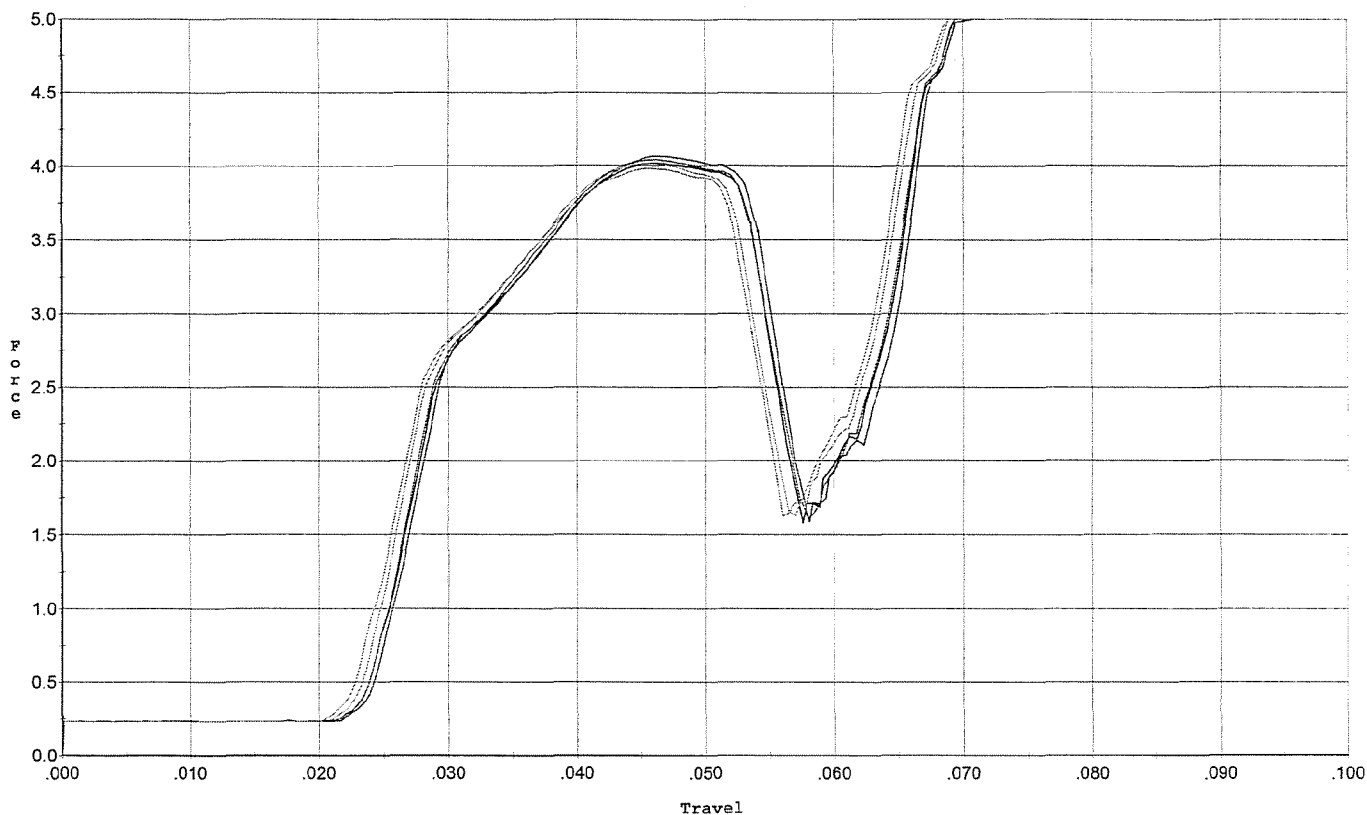
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.017      | 0.057             | 0.028           | 0.030      | 0.075             |           | Set Trigger |
| 2 | 3.028      | 0.056             | 0.028           | 0.030      | 0.074             |           | Set Trigger |
| 3 | 3.009      | 0.055             | 0.028           | 0.030      | 0.074             |           | Set Trigger |
| 4 | 3.041      | 0.055             | 0.027           | 0.030      | 0.073             |           | Set Trigger |
| 5 | 3.153      | 0.056             | 0.027           | 0.029      | 0.078             |           | Set Trigger |

3.05 Avg.

# Trigger Profile [ lbs,inch ]

**Profile** SWS  
**GunType:** Rifle  
**Make:** Remington  
**Note:** M. McKinney 12/19/07

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



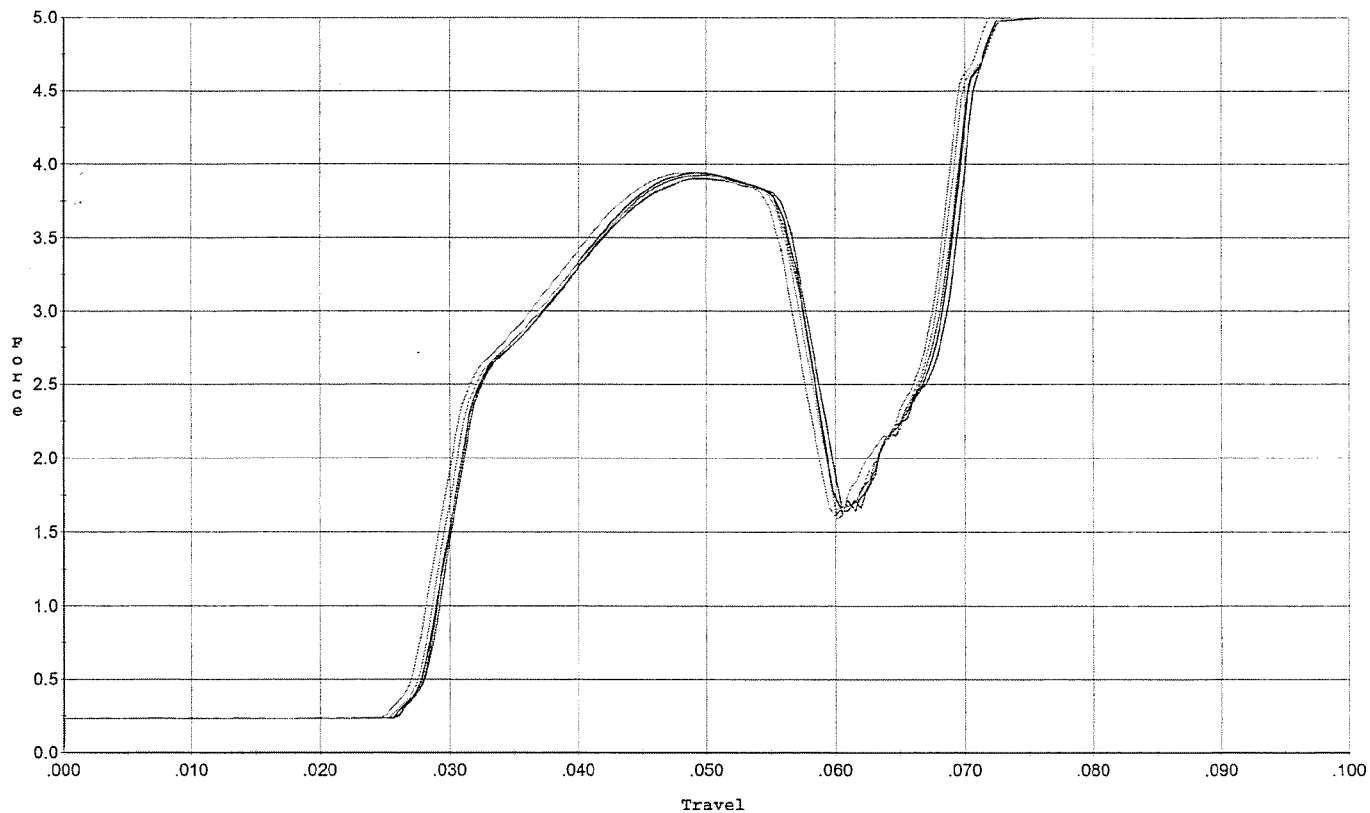
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.066      | 0.054             | 0.024           | 0.026      | 0.103             |           | Set Trigger |
| 2 | 4.018      | 0.054             | 0.023           | 0.026      | 0.101             |           | Set Trigger |
| 3 | 4.042      | 0.054             | 0.024           | 0.026      | 0.102             |           | Set Trigger |
| 4 | 4.018      | 0.052             | 0.023           | 0.026      | 0.100             |           | Set Trigger |
| 5 | 3.985      | 0.054             | 0.022           | 0.025      | 0.102             |           | Set Trigger |

4.03 Avg.

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 12/19/07

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



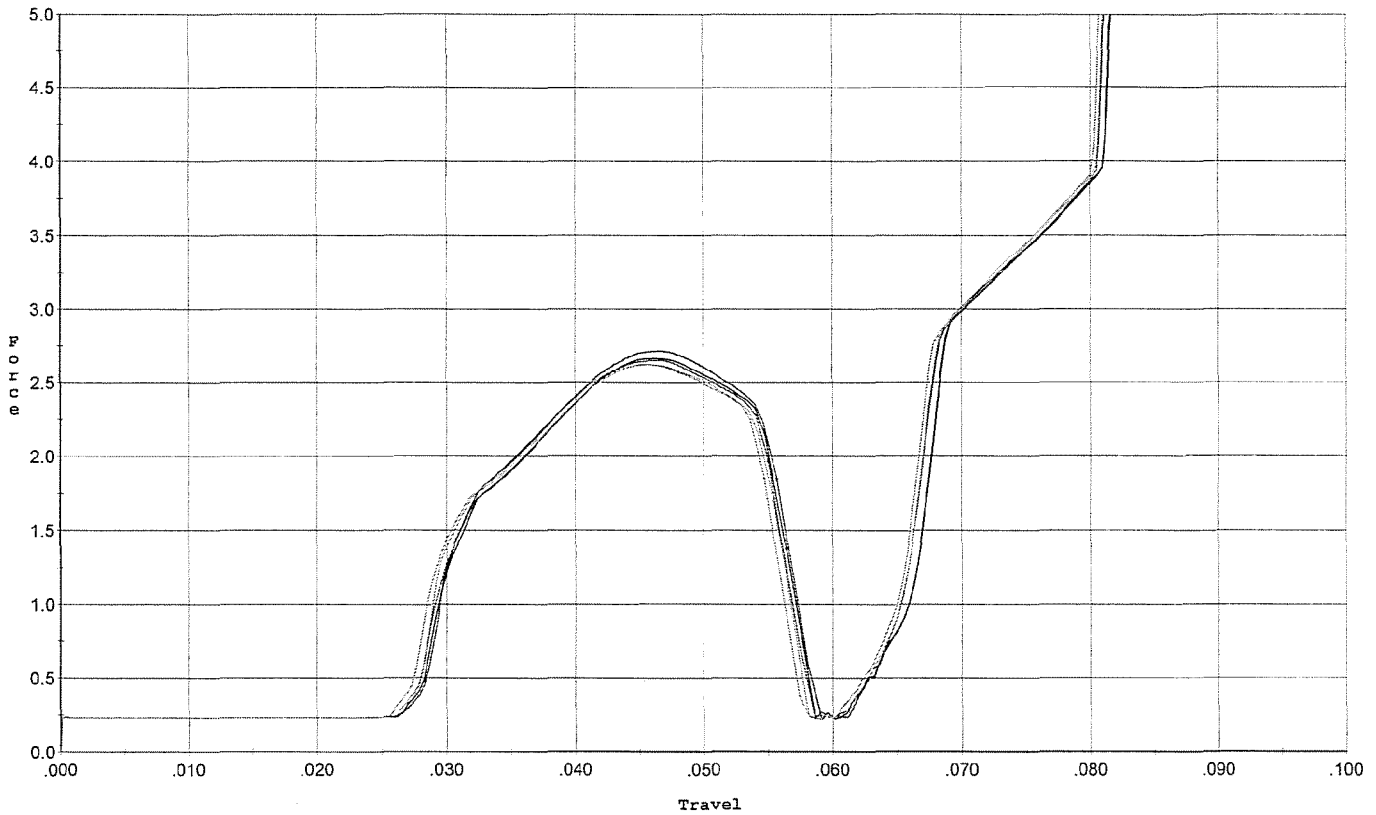
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.927      | 0.057             | 0.027           | 0.029      | 0.099             |           | Set Trigger |
| 2 | 3.943      | 0.057             | 0.028           | 0.029      | 0.100             |           | Set Trigger |
| 3 | 3.906      | 0.057             | 0.028           | 0.029      | 0.100             |           | Set Trigger |
| 4 | 3.898      | 0.056             | 0.027           | 0.029      | 0.099             |           | Set Trigger |
| 5 | 3.946      | 0.056             | 0.027           | 0.028      | 0.099             |           | Set Trigger |

3.92 Avg.

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 12/19/07

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



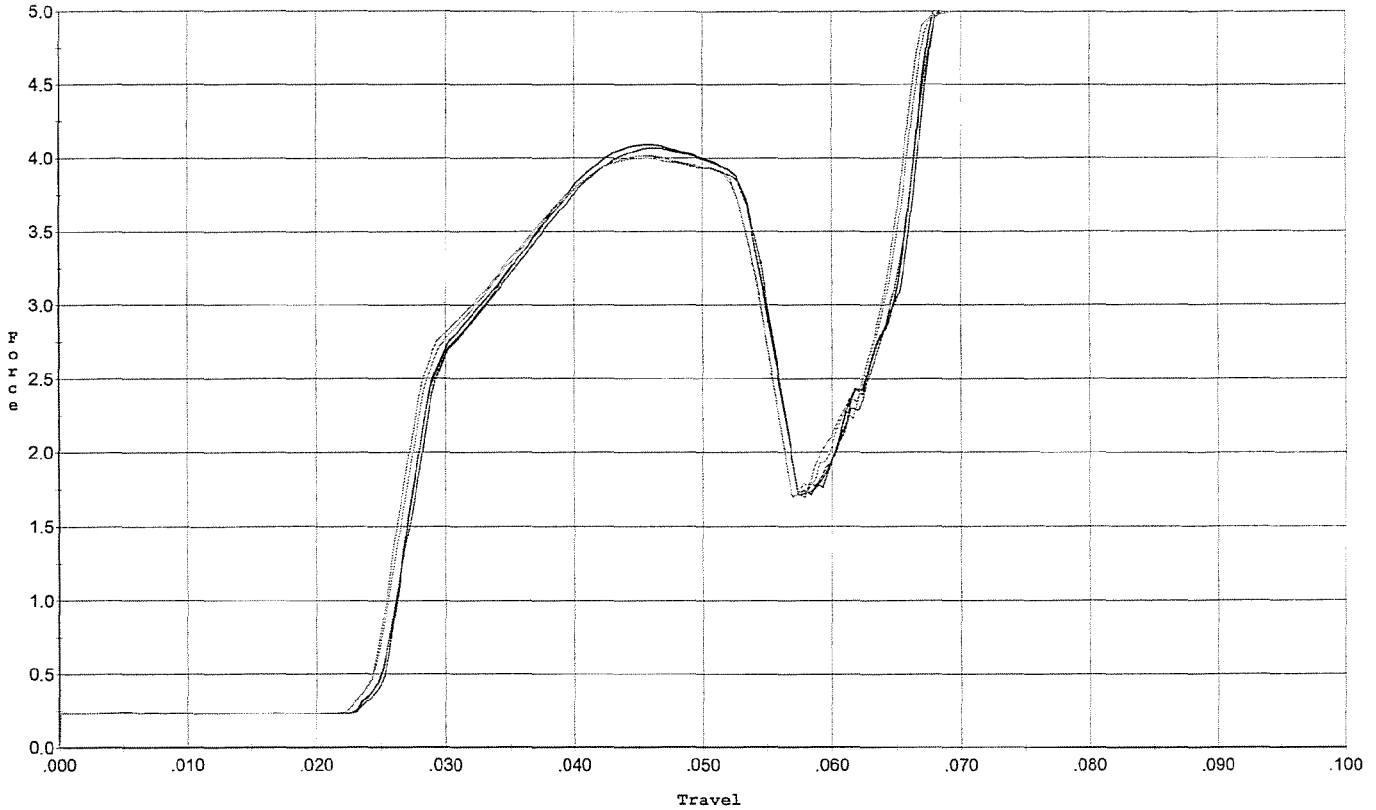
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.713      | 0.056             | 0.028           | 0.031      | 0.067             |           | Set Trigger |
| 2 | 2.663      | 0.056             | 0.027           | 0.031      | 0.067             |           | Set Trigger |
| 3 | 2.649      | 0.055             | 0.027           | 0.031      | 0.065             |           | Set Trigger |
| 4 | 2.620      | 0.055             | 0.028           | 0.031      | 0.066             |           | Set Trigger |
| 5 | 2.624      | 0.055             | 0.026           | 0.031      | 0.065             |           | Set Trigger |

2.605 Avg.

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 12/19/07

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 | 4.072      | 0.054             | 0.025           | 0.028      | 0.103             |           | Set Trigger |
| 2 | 4.092      | 0.055             | 0.025           | 0.027      | 0.105             |           | Set Trigger |
| 3 | 4.014      | 0.055             | 0.024           | 0.027      | 0.104             |           | Set Trigger |
| 4 | 4.019      | 0.054             | 0.024           | 0.027      | 0.103             |           | Set Trigger |
| 5 | 4.001      | 0.054             | 0.024           | 0.027      | 0.104             |           | Set Trigger |

4.04 Avg.

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6695431.\_\_0

FILE DATE AND TIME: 01/04/2008 06:38

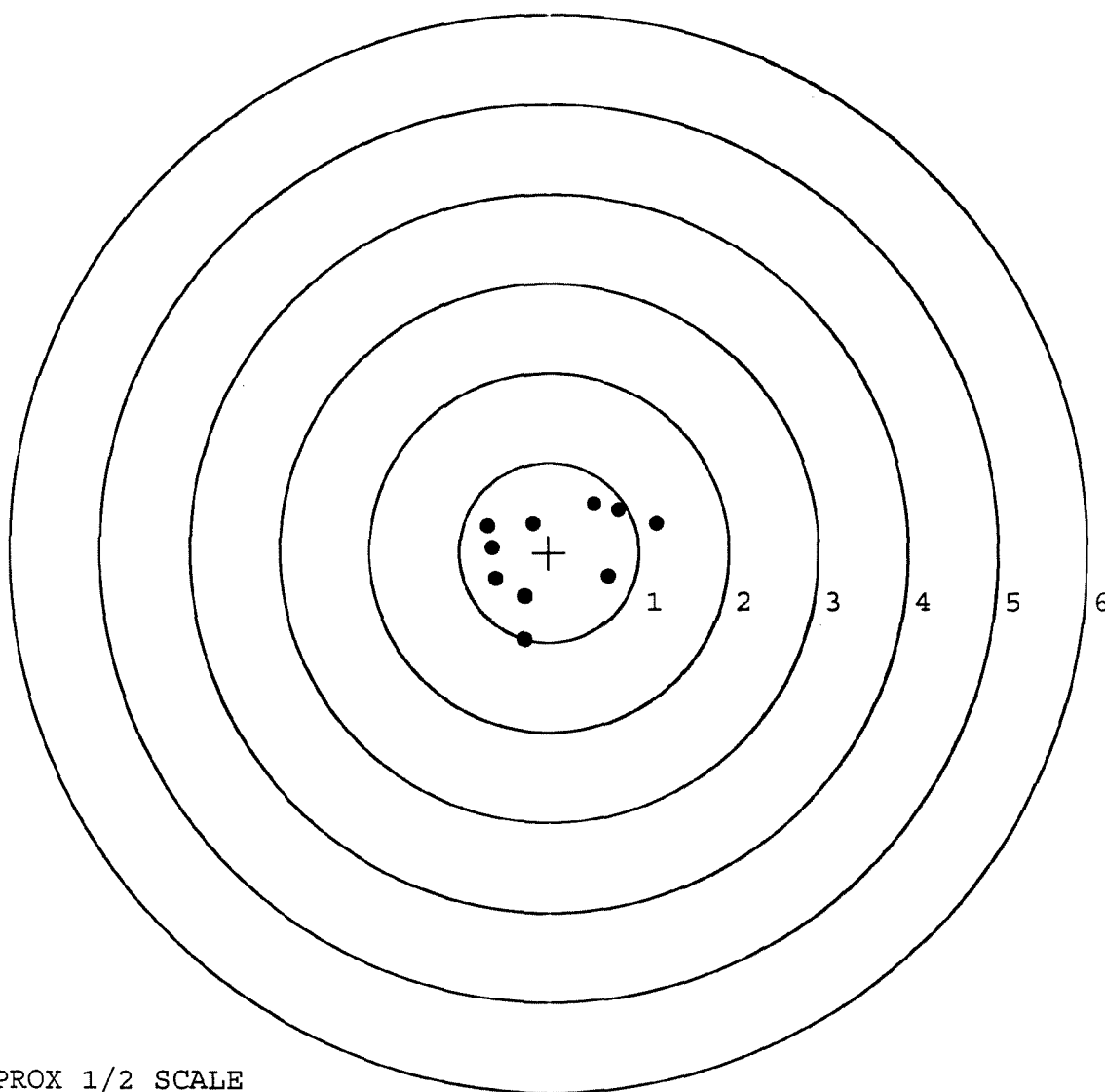
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.055 |
| The Average Y Centroid of the Five Target Set:              | 0.085  |
| The Average Point of Impact of the Five Target Set:         | 0.101  |
| The Average Mean Radius of the Five Target Set:             | 0.827  |
| The Distance from POA to Centroid Target #1:                | 0.050  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.124  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.248  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.243  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.099  |

SERIAL NUMBER: G6695431. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 01/04/2008  
FILE TIME: 06:38

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.273 | -0.976 |
| 2:     | -0.270 | -0.495 |
| 3:     | -0.594 | -0.301 |
| 4:     | -0.627 | 0.050  |
| 5:     | -0.685 | 0.287  |
| 6:     | -0.181 | 0.325  |
| 7:     | 0.665  | -0.270 |
| 8:     | 1.188  | 0.324  |
| 9:     | 0.770  | 0.477  |
| 10:    | 0.502  | 0.540  |

X CENTROID: 0.049  
Y CENTROID: -0.004  
POA TO CENTROID: 0.050  
HORZ SPREAD: 1.873  
VERT SPREAD: 1.516  
GROUP SPREAD: 1.956  
MIN RADIUS: 0.402  
MAX RADIUS: 1.185  
MEAN RADIUS: 0.762  
# IN 1 IN DIAMETER: 1  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10

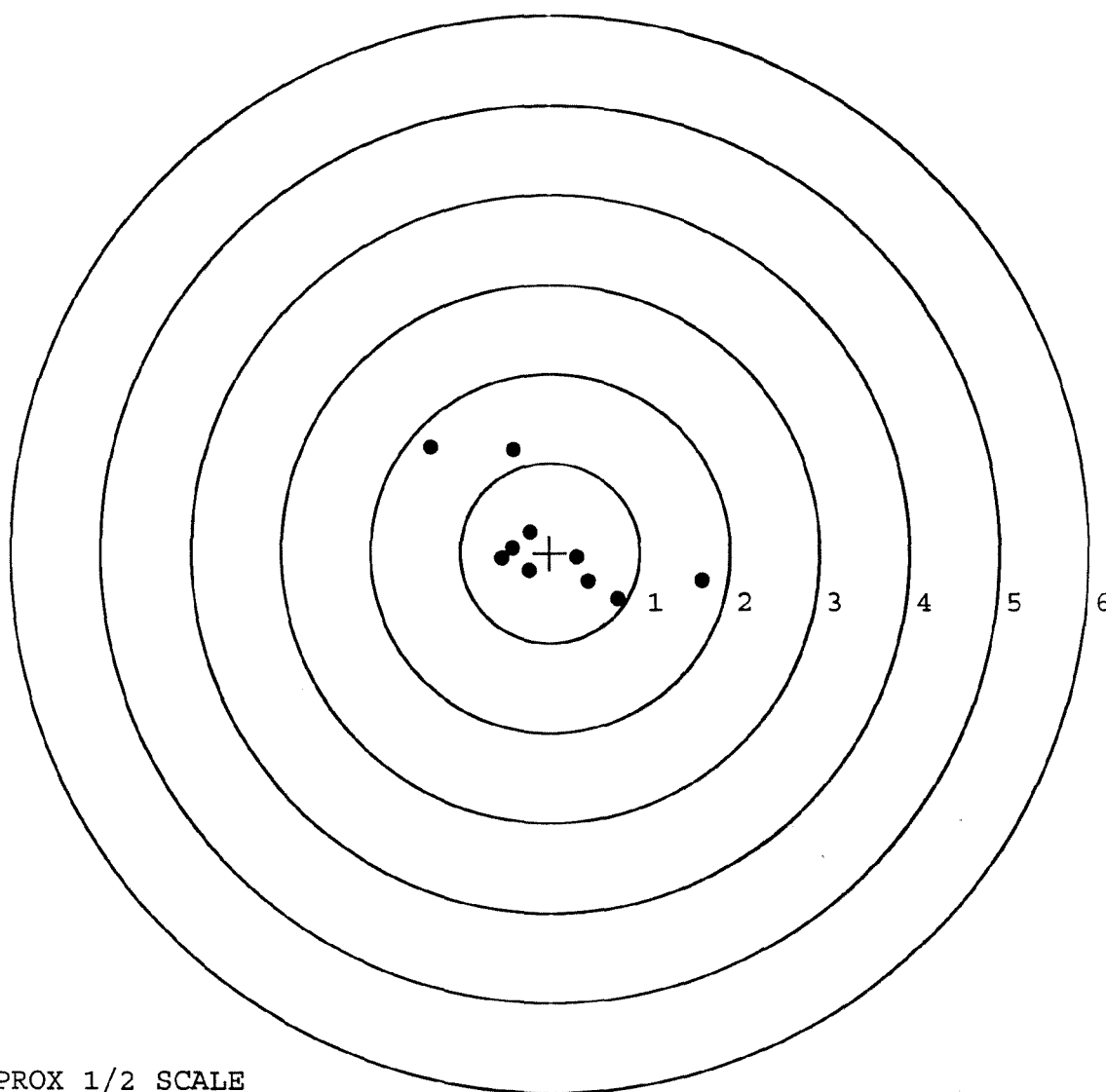


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695431. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 01/04/2008  
FILE TIME: 06:38

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.690  | -0.313 |
| 2:     | 0.751  | -0.517 |
| 3:     | 0.423  | -0.325 |
| 4:     | 0.294  | -0.059 |
| 5:     | -0.227 | -0.205 |
| 6:     | -0.535 | -0.069 |
| 7:     | -0.223 | 0.232  |
| 8:     | -0.414 | 0.049  |
| 9:     | -0.410 | 1.140  |
| 10:    | -1.329 | 1.171  |

X CENTROID: 0.002  
Y CENTROID: 0.110  
POA TO CENTROID: 0.110  
HORZ SPREAD: 3.019  
VERT SPREAD: 1.688  
GROUP SPREAD: 3.364  
MIN RADIUS: 0.256  
MAX RADIUS: 1.740  
MEAN RADIUS: 0.810  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 8

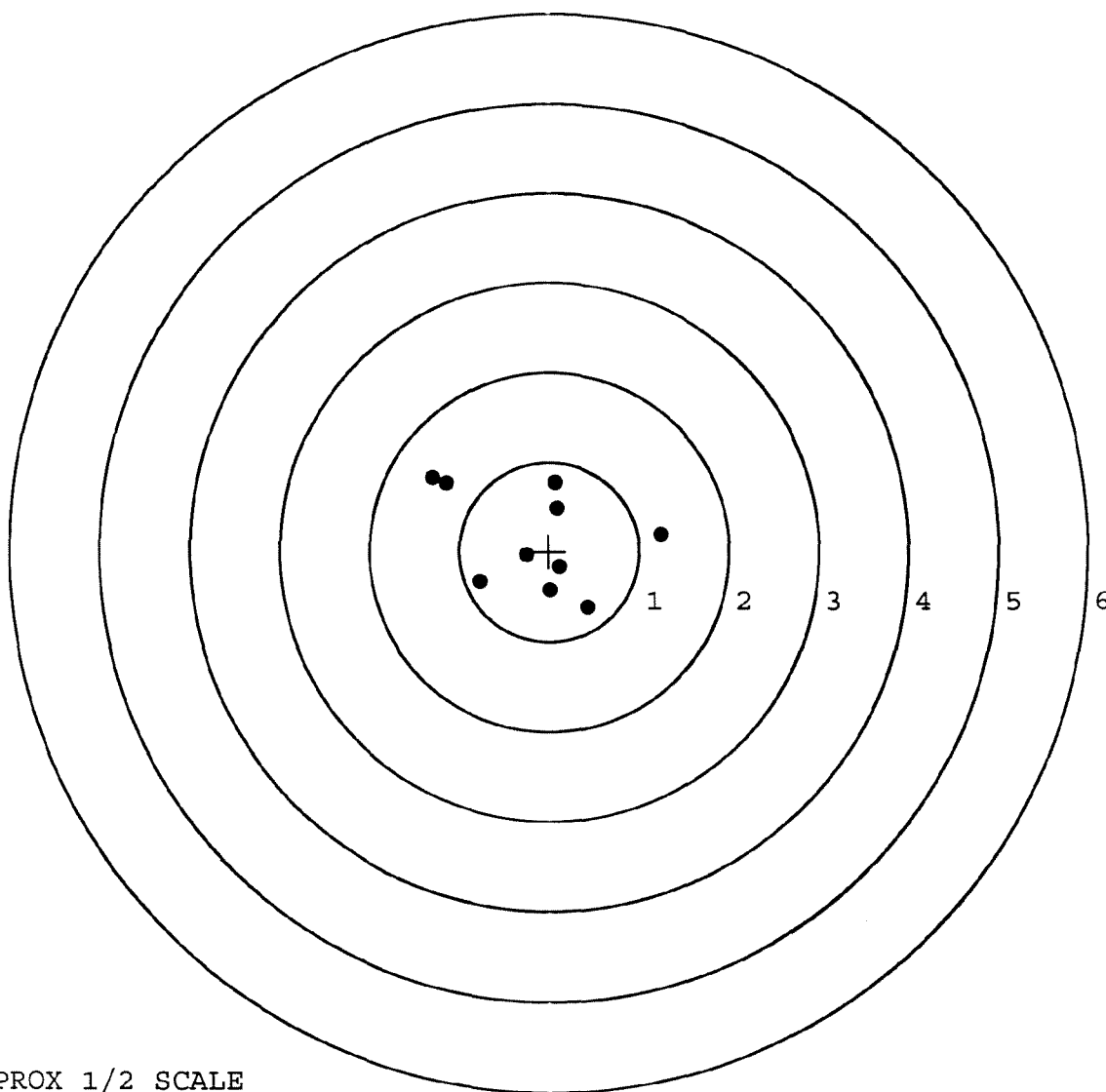


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695431. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 01/04/2008  
FILE TIME: 06:38

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.234  | 0.189  |
| 2:     | 0.427  | -0.624 |
| 3:     | 0.010  | -0.438 |
| 4:     | 0.114  | -0.179 |
| 5:     | -0.252 | -0.044 |
| 6:     | -0.772 | -0.338 |
| 7:     | 0.091  | 0.483  |
| 8:     | 0.071  | 0.767  |
| 9:     | -1.143 | 0.765  |
| 10:    | -1.298 | 0.822  |

X CENTROID: -0.152  
Y CENTROID: 0.140  
POA TO CENTROID: 0.207  
HORZ SPREAD: 2.532  
VERT SPREAD: 1.446  
GROUP SPREAD: 2.610  
MIN RADIUS: 0.210  
MAX RADIUS: 1.387  
MEAN RADIUS: 0.794  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 10

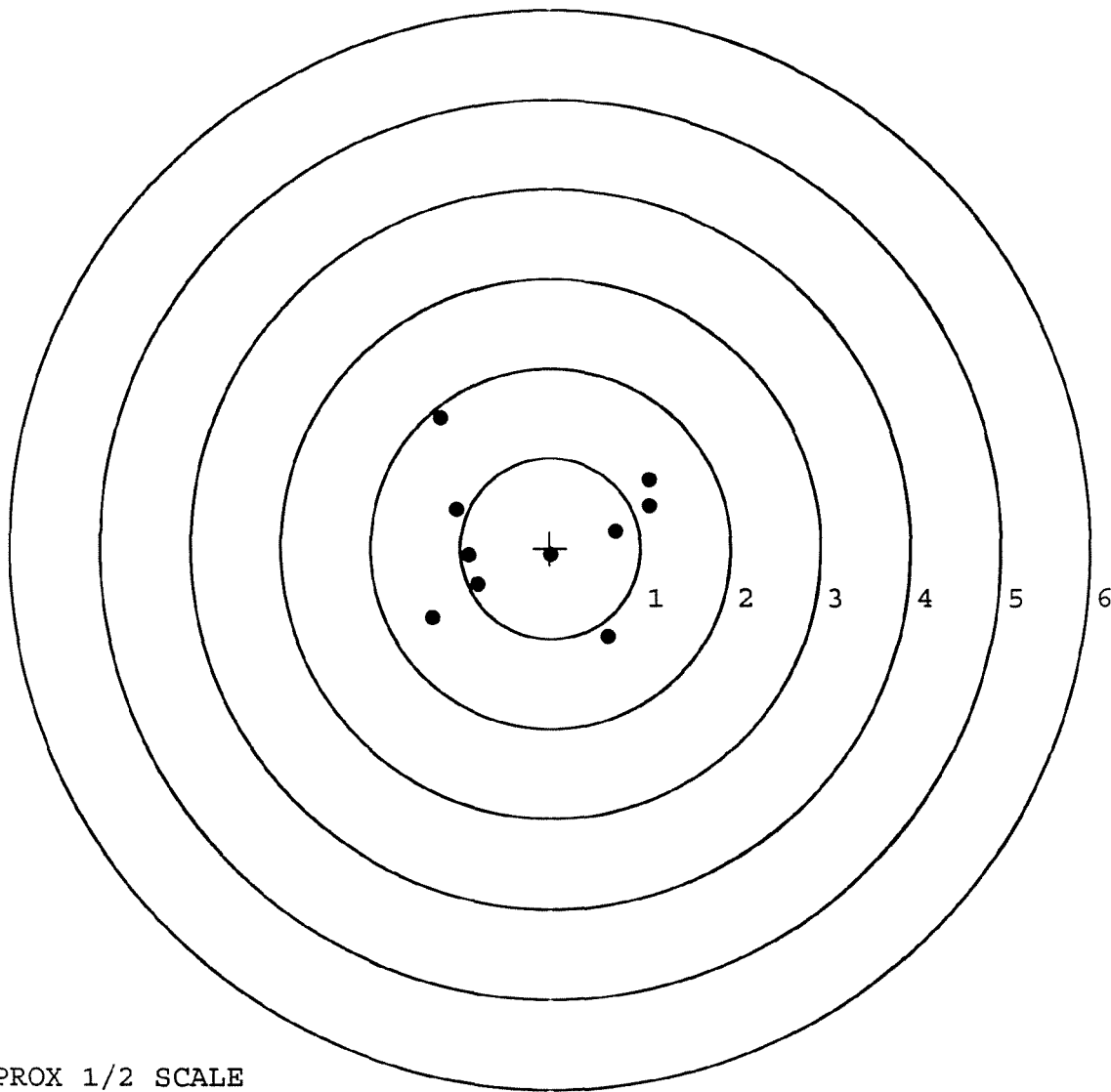


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695431. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 01/04/2008  
FILE TIME: 06:38

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.009  | -0.077 |
| 2:     | -0.801 | -0.402 |
| 3:     | -0.902 | -0.086 |
| 4:     | -1.041 | 0.420  |
| 5:     | 0.635  | -0.983 |
| 6:     | 0.721  | 0.187  |
| 7:     | 1.094  | 0.468  |
| 8:     | 1.094  | 0.759  |
| 9:     | -1.310 | -0.776 |
| 10:    | -1.217 | 1.445  |

X CENTROID: -0.172  
Y CENTROID: 0.096  
POA TO CENTROID: 0.197  
HORZ SPREAD: 2.404  
VERT SPREAD: 2.428  
GROUP SPREAD: 3.054  
MIN RADIUS: 0.250  
MAX RADIUS: 1.707  
MEAN RADIUS: 1.087  
# IN 1 IN DIAMETER: 1  
# IN 2 IN DIAMETER: 5  
# in 3 IN DIAMETER: 9

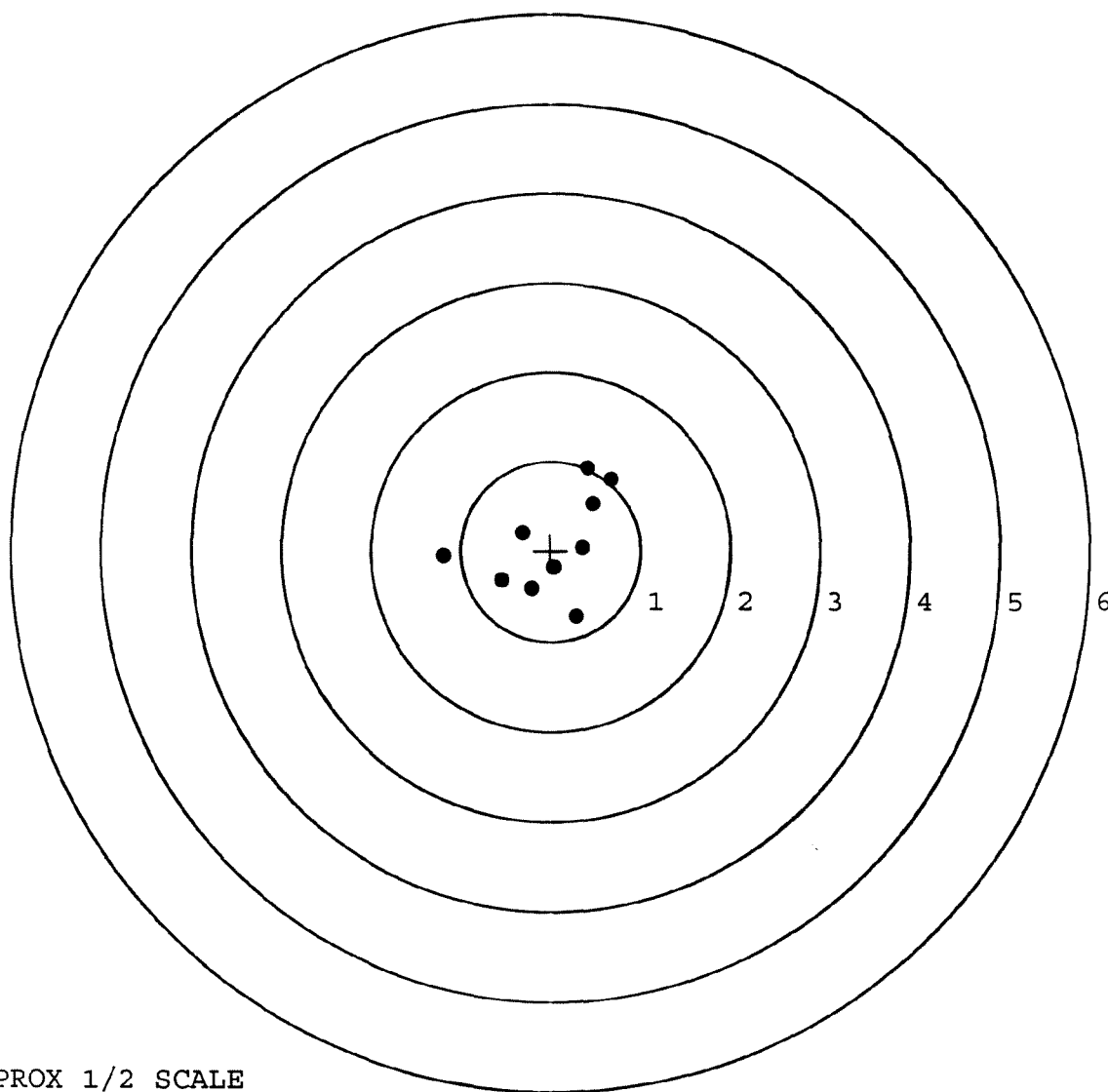


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695431.\_\_\_0  
TARGET NUMBER: 5  
FILE DATE: 01/04/2008  
FILE TIME: 06:38

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.420  | 0.933  |
| 2:     | 0.674  | 0.804  |
| 3:     | 0.469  | 0.529  |
| 4:     | 0.357  | 0.045  |
| 5:     | 0.283  | -0.722 |
| 6:     | -1.193 | -0.062 |
| 7:     | -0.315 | 0.200  |
| 8:     | 0.038  | -0.184 |
| 9:     | -0.544 | -0.324 |
| 10:    | -0.210 | -0.414 |

X CENTROID: -0.002  
Y CENTROID: 0.081  
POA TO CENTROID: 0.081  
HORZ SPREAD: 1.867  
VERT SPREAD: 1.655  
GROUP SPREAD: 2.058  
MIN RADIUS: 0.268  
MAX RADIUS: 1.199  
MEAN RADIUS: 0.682  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE