

G 6672602

**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



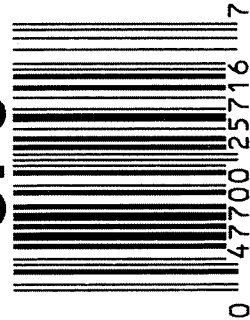
**ORDER NO. 25716**

**BARREL LENGTH 24"**

**CAPACITY 6**

**G6672602**

**UPC**



**ORDER 25716**  
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

**UPC**



**ORDER 25716**  
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

**UPC**



SERIAL NO.



66672602

## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6672602

| OP #         | OPERATION NAME                                                                                                                         | READINGS     | DATE    | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|---------|
| 410          | SERIALIZE BOLT HANDLE                                                                                                                  |              | 8/10/07 | P.P.D.  |
| 420          | ASSEMBLE ACTION                                                                                                                        |              | 8-6-07  | SD      |
| 430          | ASSEMBLE TO STOCK                                                                                                                      |              | 8/7/07  | nm      |
| 440          | PROOF                                                                                                                                  | MAGNA-FLUX   | 8/7/07  | nm      |
| 460          | CHECK HEADSPACE                                                                                                                        |              | 8/7/07  | nm      |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    | AUG 12 2007  | 8-9-07  | SD      |
| 480          | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR SMS | 8/13/07 | SMS     |
| 490          | MAGNAFLUX BOLT                                                                                                                         |              |         |         |
| 500          | ROLLMARK CALIBER                                                                                                                       |              | 8-13-07 | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |              | 8-13-07 | TRW     |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |              | 8/13/07 | (LS)    |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |              |         |         |
|              | (BOLT)                                                                                                                                 |              | 8/17/07 | FB      |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |              |         |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |              | 8-21-07 | SD      |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |              | 8-21-07 | SD      |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |              | 8-21-07 | SD      |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |              | 8/30/07 | P.P.D.  |
|              | E) ADJUST TRIGGER PULL<br>TO MIN. SETTING AND<br>STAKE <span style="border: 1px solid black; padding: 2px;">2.50 LBS +/- .5 LBS</span> |              |         |         |

F004 REV 5/2006

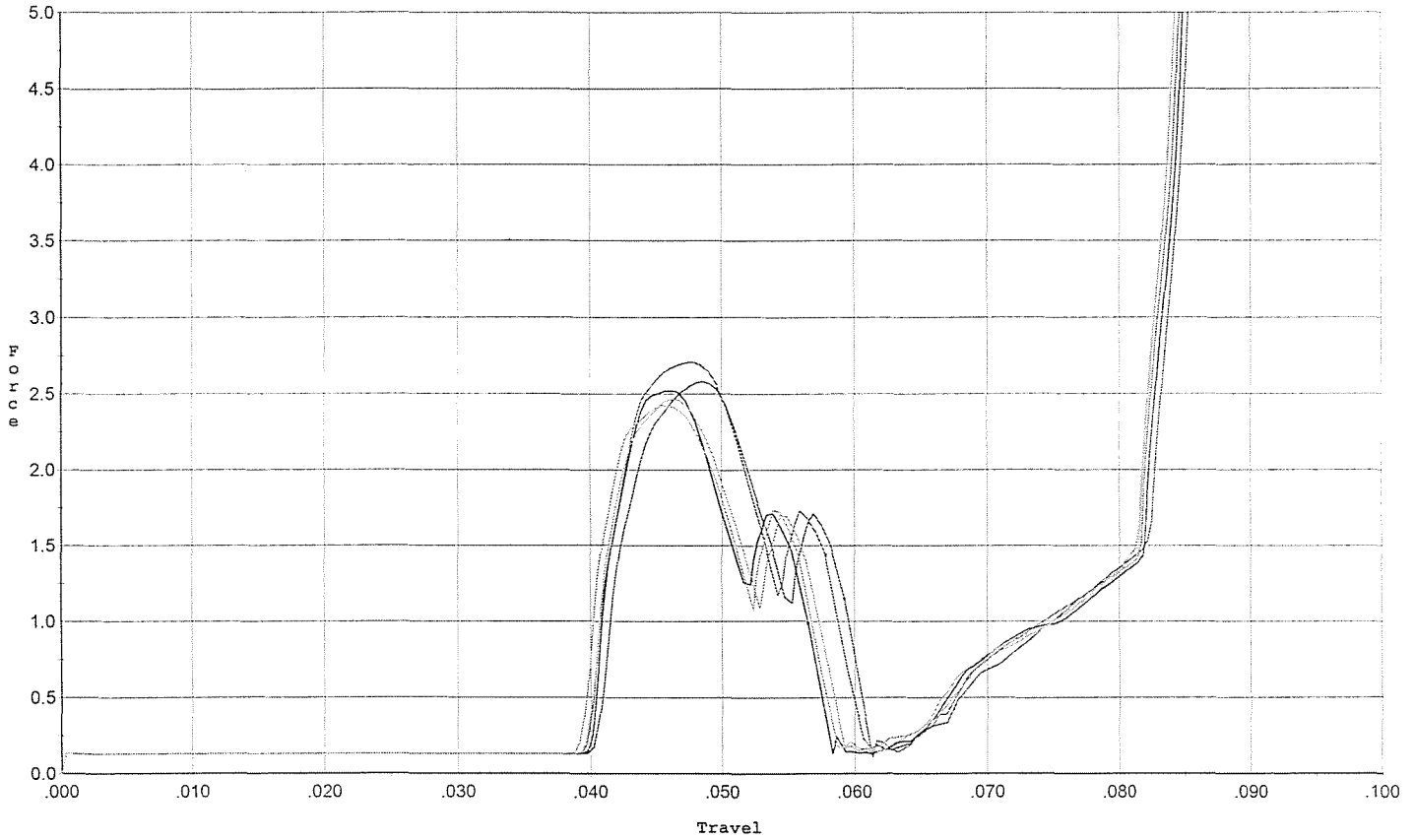
|              |                                                                       |                                           |             |              |             |             |             |        |    |
|--------------|-----------------------------------------------------------------------|-------------------------------------------|-------------|--------------|-------------|-------------|-------------|--------|----|
| 560          | F) SAFETY ON FORCE                                                    | 2 LBS MIN<br>10 LBS MAX                   | <u>60</u>   | <u>55</u>    | <u>55</u>   | 9-5-07      | RA          |        |    |
| CONT.        |                                                                       |                                           |             |              |             |             |             |        |    |
|              | G) SAFETY OFF FORCE                                                   | 2 LBS MIN                                 | <u>30</u>   | <u>30</u>    | <u>30</u>   | 9-5-07      | RA          |        |    |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                             |                                           |             |              |             |             |             |        |    |
|              | I) FIRING PIN INDENT                                                  | .020 MIN                                  | <u>1024</u> | <u>10235</u> | <u>824</u>  | 9-5-07      | RA          |        |    |
|              | J) ASSEMBLE STOCK                                                     |                                           |             |              |             | 8/30/07     | L.P.D.      |        |    |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                           |                                           |             |              |             | 9-5-07      | RA          |        |    |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                              |                                           |             |              |             | 9-5-07      | RTZ         |        |    |
|              | M) IRON SIGHT<br>ALIGNMENT                                            |                                           |             |              |             | 9-5-07      | RTZ         |        |    |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER |                                           |             |              |             | 9-5-07      | RTZ         |        |    |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                           |                                           | <u>PASS</u> | FAIL         |             |             |             |        |    |
|              |                                                                       |                                           | <u>PASS</u> | FAIL         |             | 8/31/07     | mm          |        |    |
|              | MALFUNCTION                                                           |                                           | CORRECTION  |              |             |             |             |        |    |
|              | MALFUNCTION                                                           |                                           | CORRECTION  | N/A          |             |             |             |        |    |
|              | MALFUNCTION                                                           |                                           | CORRECTION  |              |             |             |             |        |    |
|              | MALFUNCTION                                                           |                                           | CORRECTION  |              |             |             |             |        |    |
| 660          | INSPECT FOR LIVE AMMO                                                 |                                           |             |              |             | 8/31/07     | RP          |        |    |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                      |                                           |             |              |             | 9-5-07      | RTZ         |        |    |
|              | B) TRIGGER PULL                                                       | +/- .5 LBS<br>MIN 2.50 LBS<br>MAX 4.0 LBS | <u>2.69</u> | <u>2.71</u>  | <u>2.74</u> | <u>2.69</u> | <u>2.71</u> | 9/4/07 | RP |
|              | C) FUNCTION                                                           |                                           |             |              |             |             |             |        |    |
| 690          | PACK                                                                  |                                           |             |              |             | 9-5-07      | RA          |        |    |

F004 REV 5/2006

# Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: M. McKinney 6/20/07

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



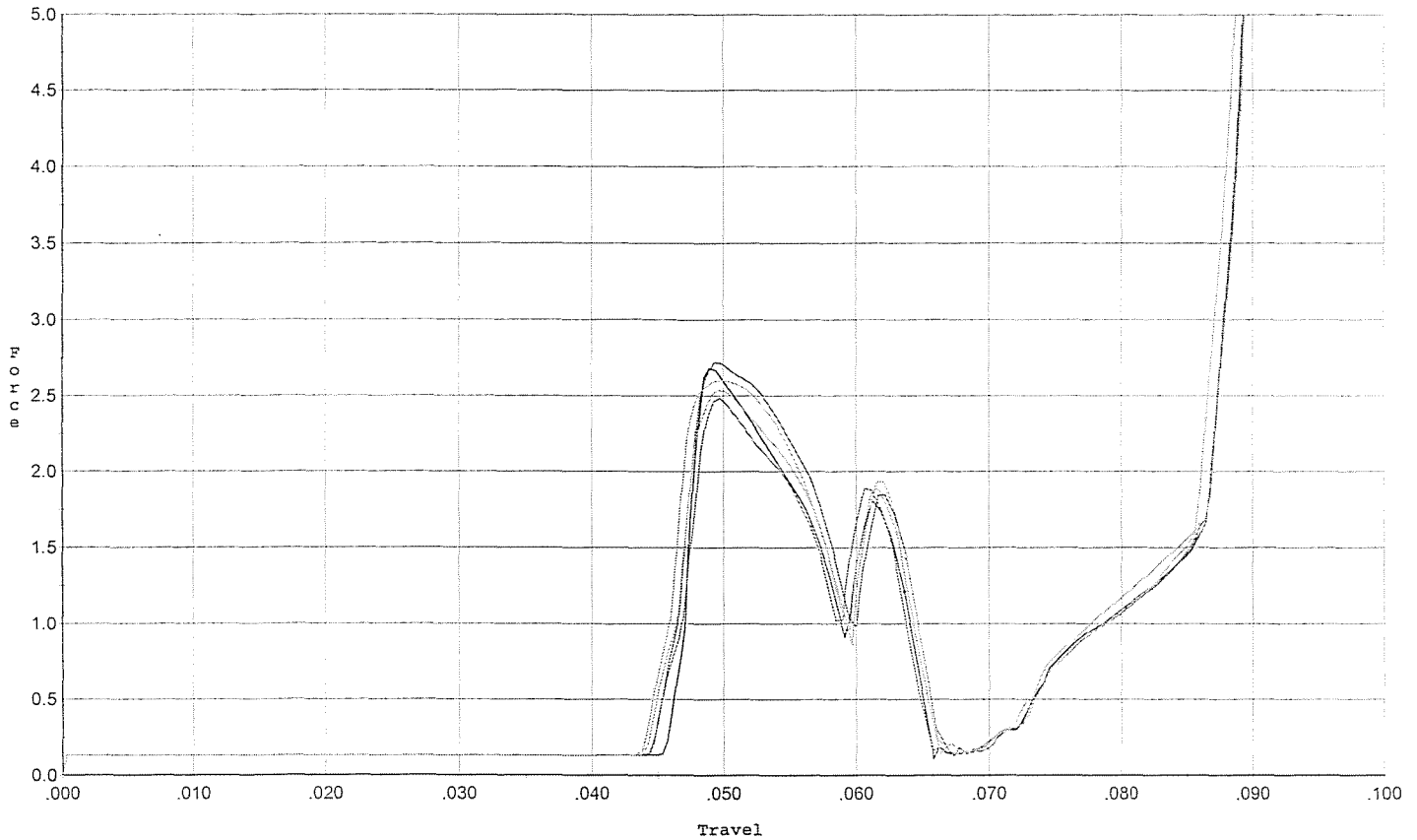
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.581      | 0.059             | 0.041           | 0.034      | 0.040             |           | Set Trigger |
| 2 | 2.521      | 0.056             | 0.040           | 0.036      | 0.035             |           | Set Trigger |
| 3 | 2.709      | 0.058             | 0.040           | 0.034      | 0.041             |           | Set Trigger |
| 4 | 2.466      | 0.058             | 0.040           | 0.035      | 0.037             |           | Set Trigger |
| 5 | 2.426      | 0.056             | 0.039           | 0.036      | 0.036             |           | Set Trigger |

2.54 Avg.

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 6/20/07

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



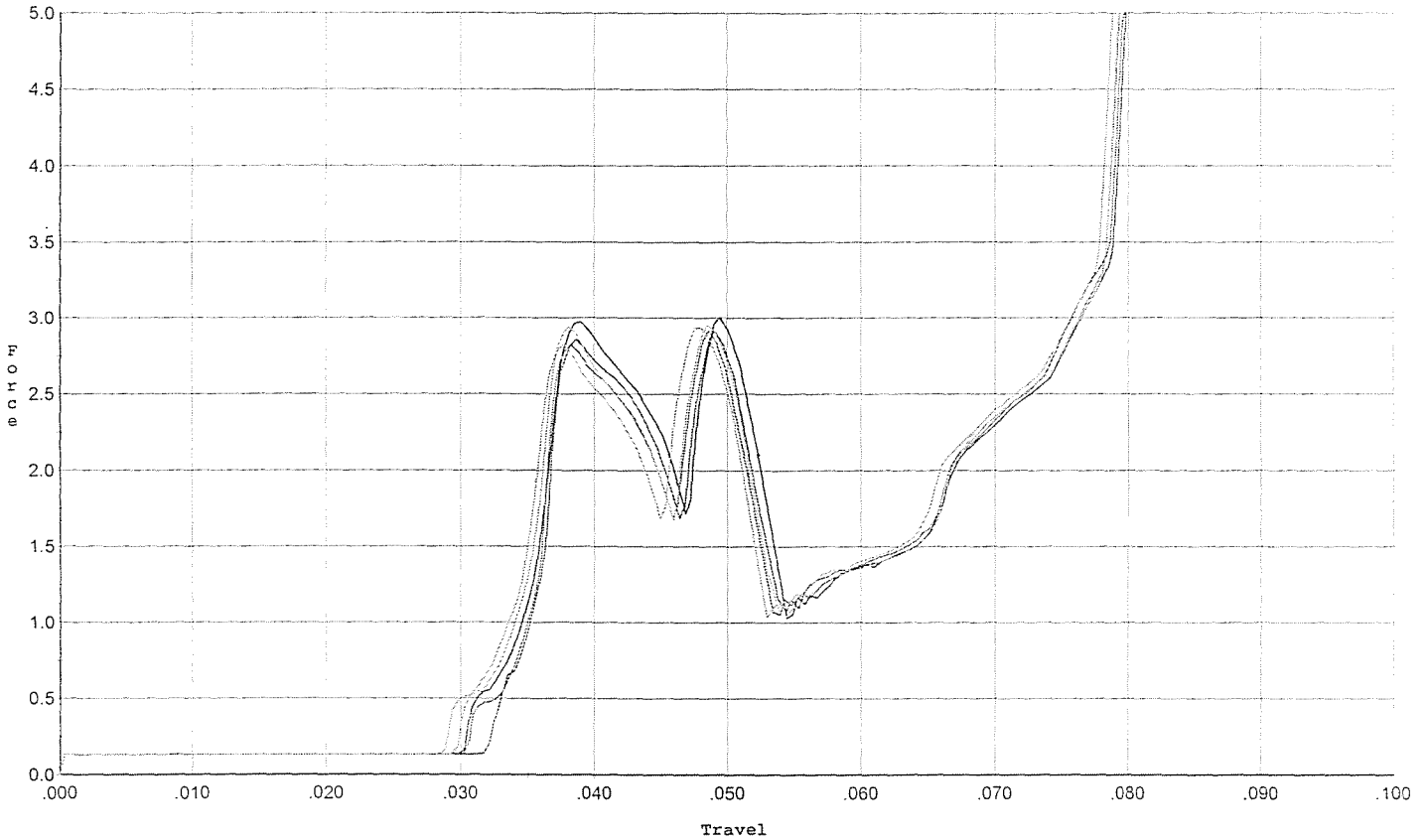
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.720      | 0.064             | 0.045           | 0.033      | 0.042             |           | Set Trigger |
| 2 | 2.680      | 0.064             | 0.046           | 0.033      | 0.038             |           | Set Trigger |
| 3 | 2.486      | 0.063             | 0.045           | 0.034      | 0.037             |           | Set Trigger |
| 4 | 2.538      | 0.063             | 0.044           | 0.033      | 0.040             |           | Set Trigger |
| 5 | 2.601      | 0.064             | 0.044           | 0.032      | 0.043             |           | Set Trigger |

2.61 Avg

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 6/20/07

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



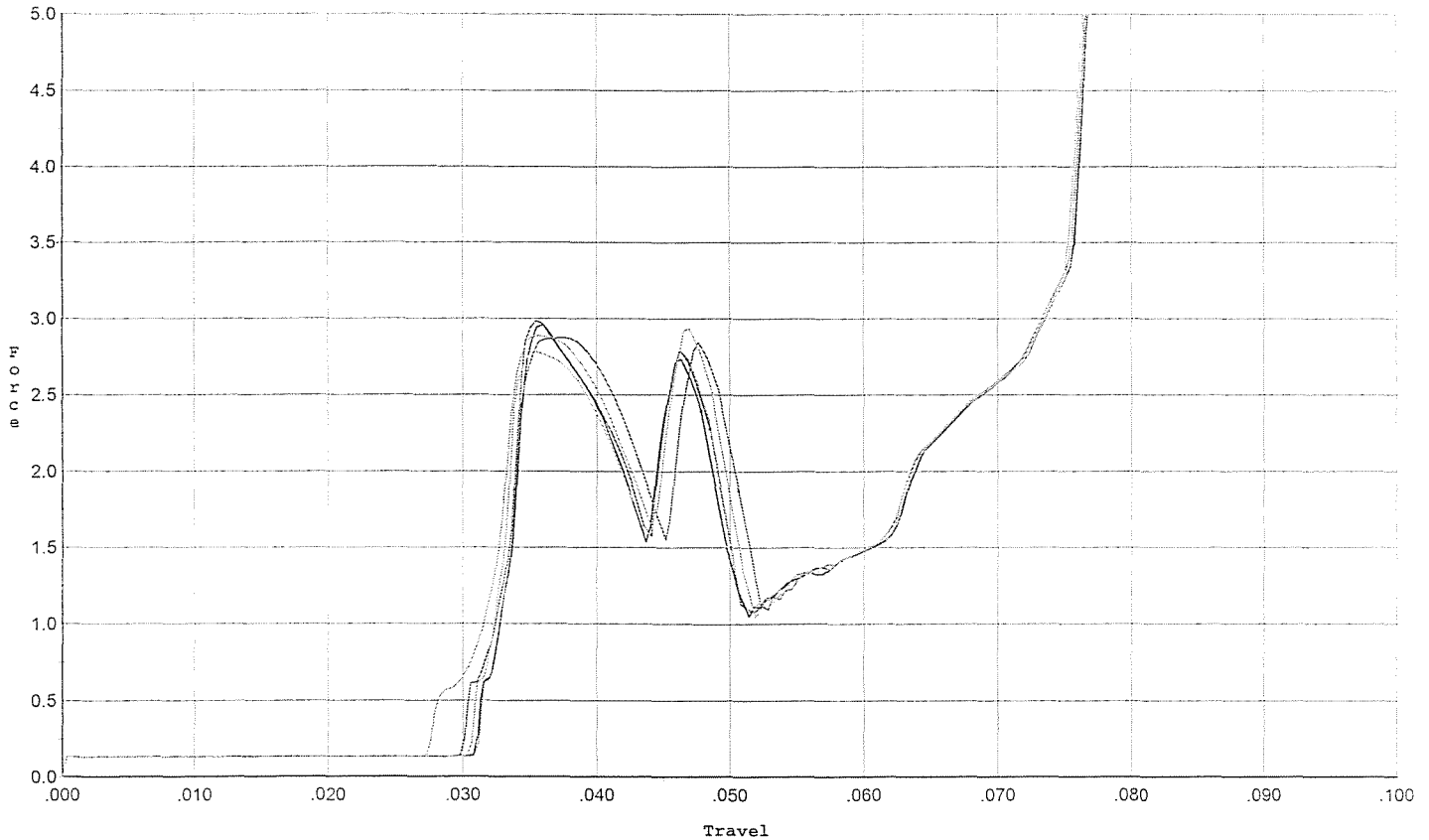
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.912      | 0.051             | 0.032           | 0.034      | 0.045             |           | Set Trigger |
| 2 | 3.004      | 0.052             | 0.031           | 0.033      | 0.050             |           | Set Trigger |
| 3 | 2.918      | 0.051             | 0.031           | 0.034      | 0.046             |           | Set Trigger |
| 4 | 2.951      | 0.051             | 0.030           | 0.033      | 0.048             |           | Set Trigger |
| 5 | 2.933      | 0.050             | 0.029           | 0.033      | 0.047             |           | Set Trigger |

2.94 Avg.

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 6/20/07

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



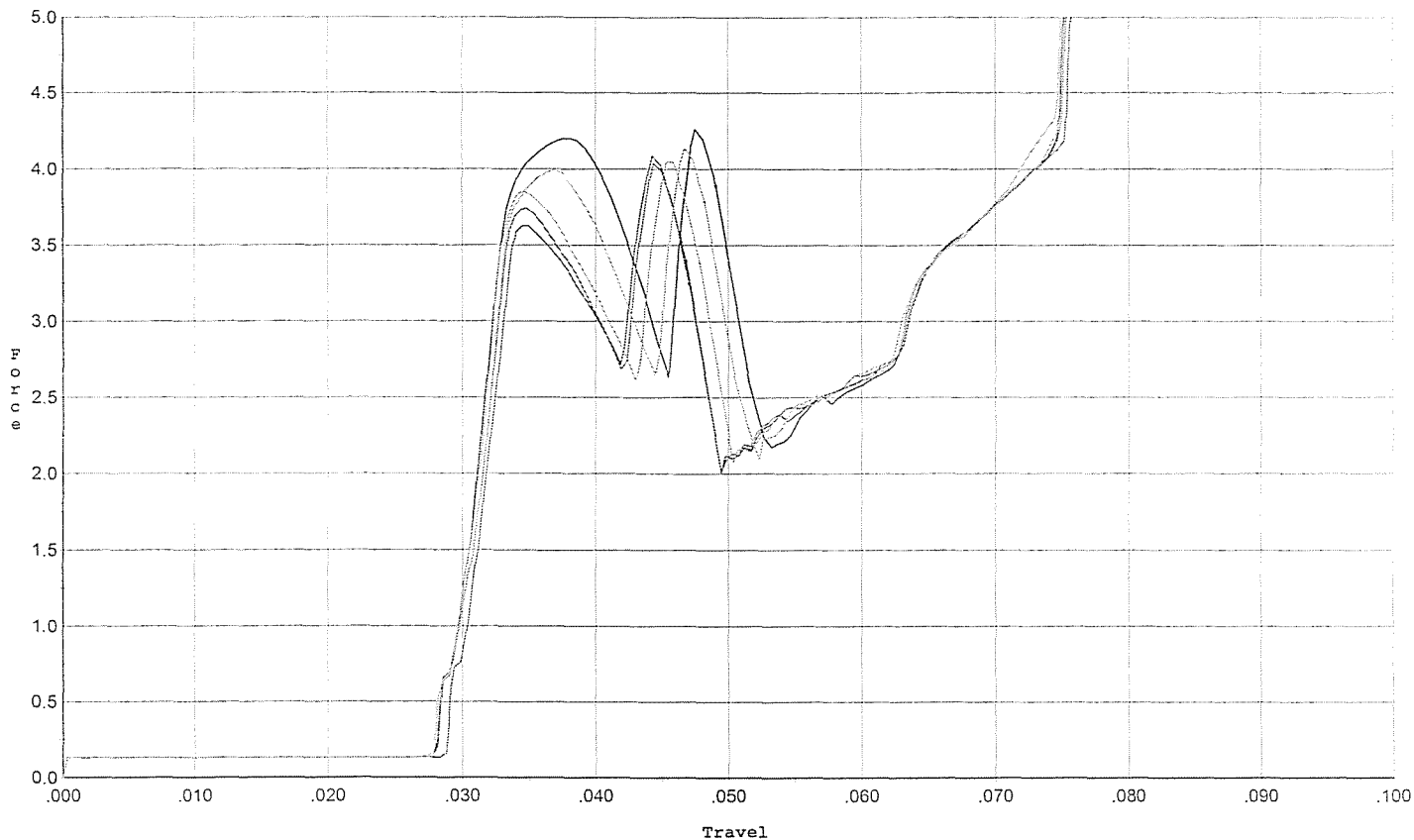
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.986      | 0.049             | 0.030           | 0.033      | 0.045             |           | Set Trigger |
| 2 | 2.958      | 0.048             | 0.031           | 0.033      | 0.042             |           | Set Trigger |
| 3 | 2.877      | 0.051             | 0.031           | 0.032      | 0.048             |           | Set Trigger |
| 4 | 2.793      | 0.048             | 0.031           | 0.033      | 0.044             |           | Set Trigger |
| 5 | 2.936      | 0.049             | 0.028           | 0.032      | 0.049             |           | Set Trigger |

2.9/ Aug.

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 6/20/07

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



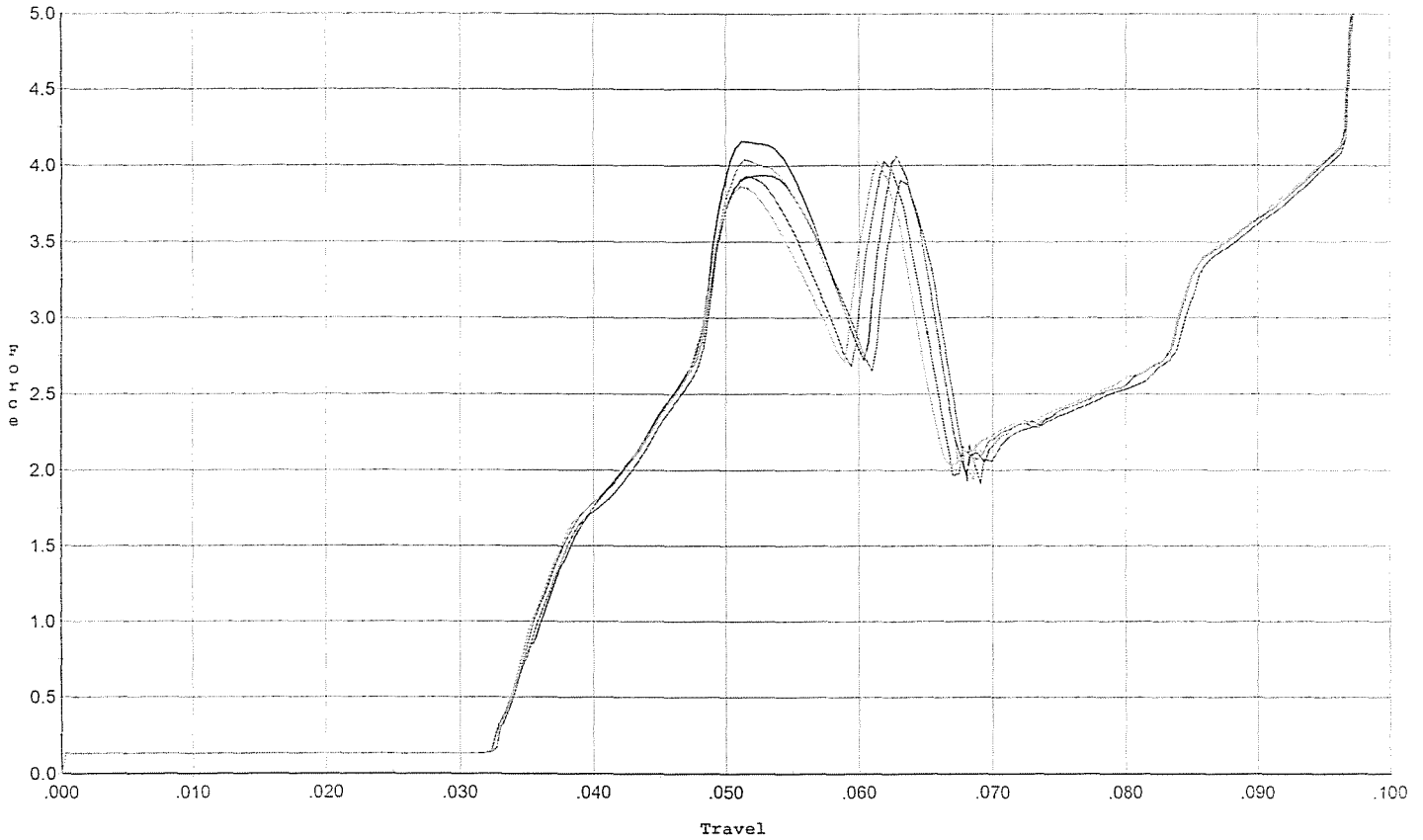
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.090      | 0.047             | 0.029           | 0.031      | 0.060             |           | Set Trigger |
| 2 | 4.259      | 0.049             | 0.028           | 0.029      | 0.076             |           | Set Trigger |
| 3 | 4.039      | 0.047             | 0.028           | 0.031      | 0.062             |           | Set Trigger |
| 4 | 4.134      | 0.048             | 0.028           | 0.030      | 0.070             |           | Set Trigger |
| 5 | 4.053      | 0.048             | 0.028           | 0.030      | 0.066             |           | Set Trigger |

4.114WS

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 6/20/07

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



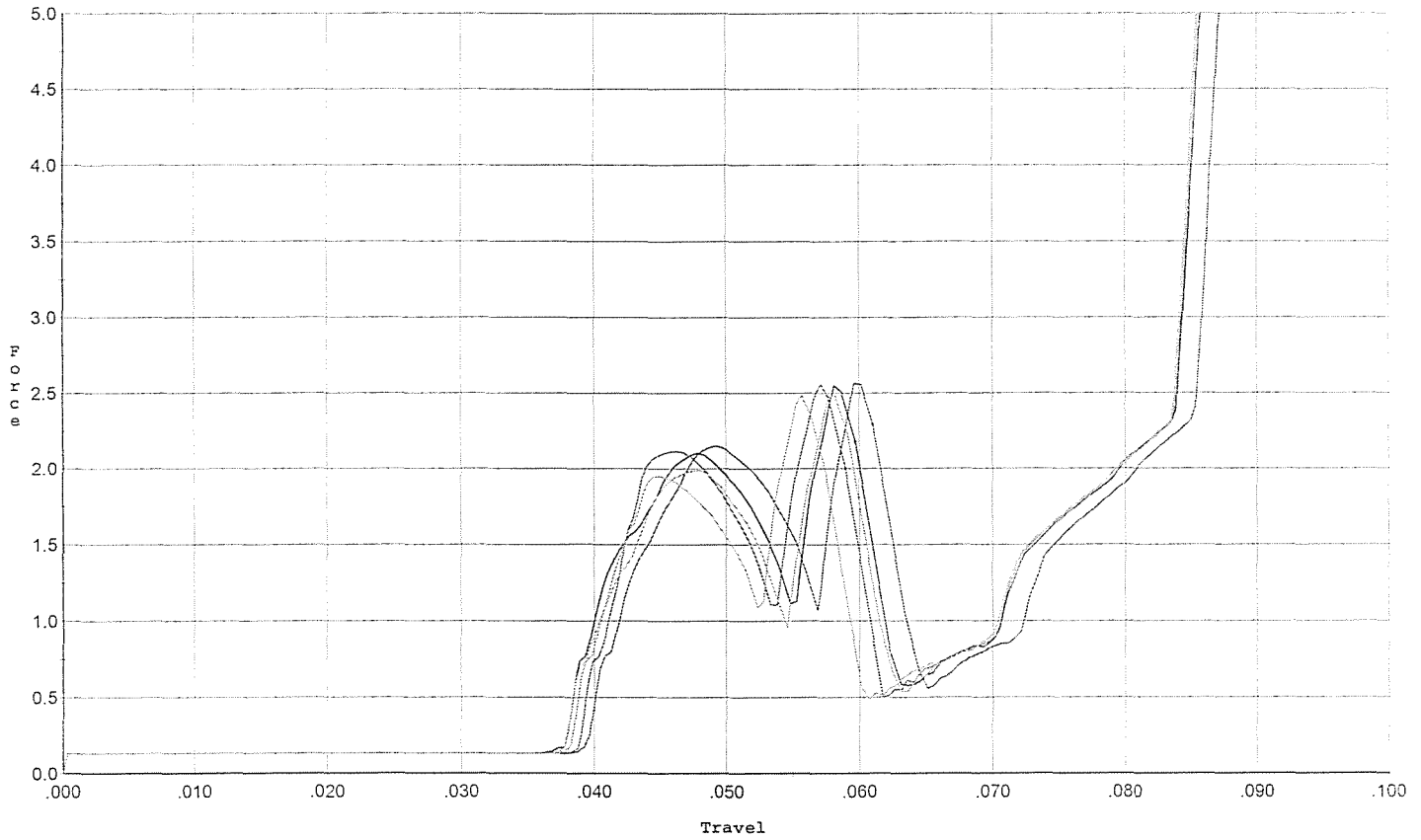
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.935      | 0.065             | 0.033           | 0.035      | 0.093             |           | Set Trigger |
| 2 | 4.158      | 0.065             | 0.033           | 0.036      | 0.093             |           | Set Trigger |
| 3 | 4.034      | 0.065             | 0.033           | 0.036      | 0.091             |           | Set Trigger |
| 4 | 4.030      | 0.063             | 0.033           | 0.037      | 0.086             |           | Set Trigger |
| 5 | 4.059      | 0.065             | 0.033           | 0.036      | 0.092             |           | Set Trigger |

4.04 Avg.

# Trigger Profile [ lbs,inch ]

Profile: SWS  
GunType: Rifle  
Make: Remington  
Note: M. McKinney 6/20/07

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



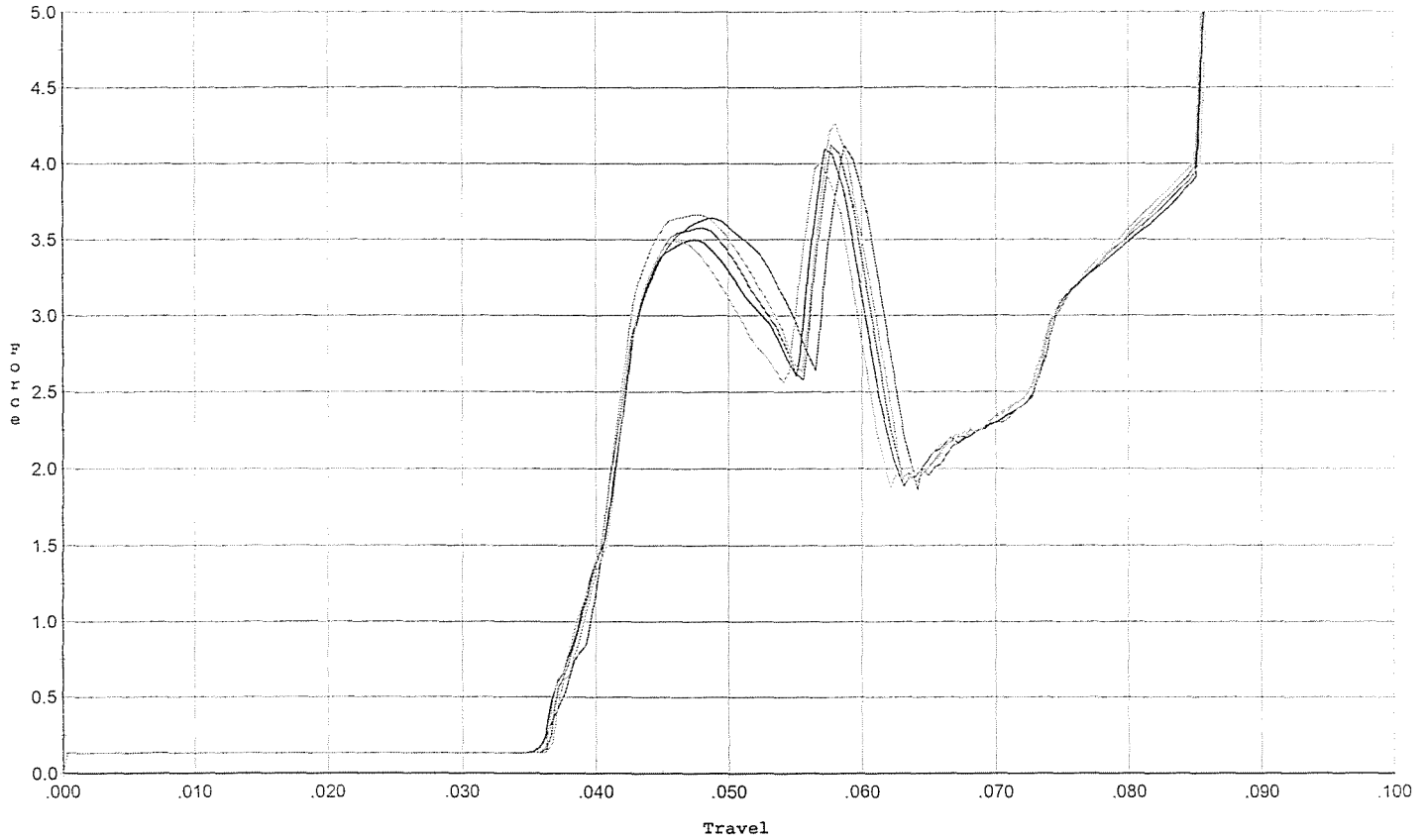
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.564      | 0.061             | 0.040           | 0.032      | 0.044             |           | Set Trigger |
| 2 | 2.551      | 0.060             | 0.038           | 0.032      | 0.043             |           | Set Trigger |
| 3 | 2.558      | 0.059             | 0.039           | 0.033      | 0.041             |           | Set Trigger |
| 4 | 2.483      | 0.058             | 0.039           | 0.035      | 0.038             |           | Set Trigger |
| 5 | 2.482      | 0.059             | 0.038           | 0.033      | 0.041             |           | Set Trigger |

2.53 Avg

# Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: M. McKinney 6/20/07

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 | 4.120      | 0.060             | 0.036           | 0.029      | 0.077             |           | Set Trigger |
| 2 | 4.099      | 0.059             | 0.036           | 0.031      | 0.071             |           | Set Trigger |
| 3 | 4.126      | 0.059             | 0.037           | 0.030      | 0.073             |           | Set Trigger |
| 4 | 4.012      | 0.058             | 0.037           | 0.032      | 0.068             |           | Set Trigger |
| 5 | 4.264      | 0.061             | 0.037           | 0.030      | 0.078             |           | Set Trigger |

4.12 Avg.

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6672602.\_\_\_0  
FILE DATE AND TIME: 09/04/2007 08:03

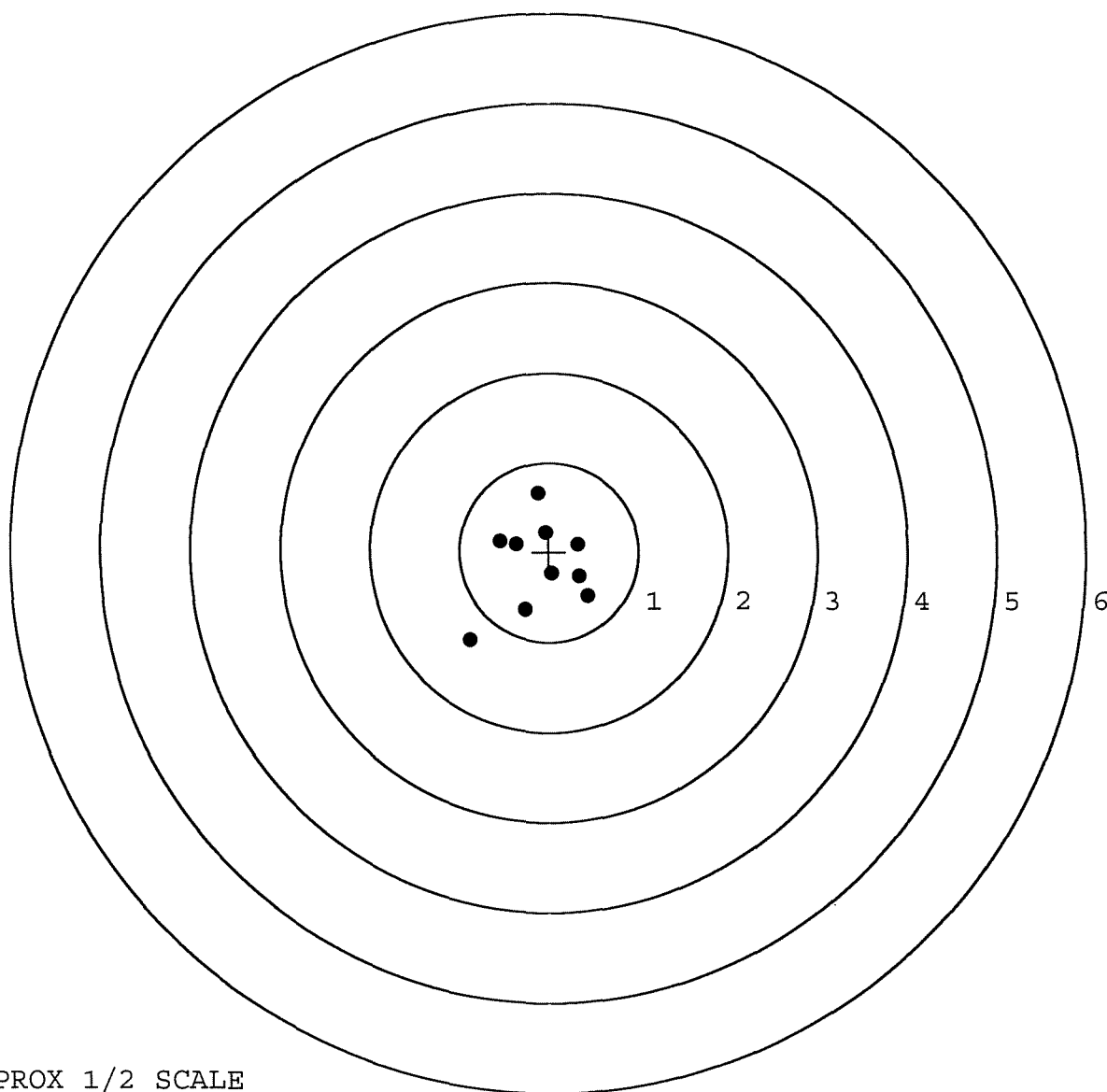
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.003  |
| The Average Y Centroid of the Five Target Set:              | -0.034 |
| The Average Point of Impact of the Five Target Set:         | 0.034  |
| The Average Mean Radius of the Five Target Set:             | 0.690  |
| The Distance from POA to Centroid Target #1:                | 0.186  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.207  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.277  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.171  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.336  |

SERIAL NUMBER: G6672602. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 09/04/2007  
FILE TIME: 08:03

X CENTROID: -0.110  
Y CENTROID: -0.150  
POA TO CENTROID: 0.186  
HORZ SPREAD: 1.314  
VERT SPREAD: 1.642  
GROUP SPREAD: 1.811  
MIN RADIUS: 0.168  
MAX RADIUS: 1.140  
MEAN RADIUS: 0.546  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.885 | -0.986 |
| 2:     | -0.262 | -0.649 |
| 3:     | 0.429  | -0.497 |
| 4:     | 0.336  | -0.276 |
| 5:     | 0.027  | -0.246 |
| 6:     | 0.322  | 0.084  |
| 7:     | -0.038 | 0.217  |
| 8:     | -0.544 | 0.117  |
| 9:     | -0.366 | 0.084  |
| 10:    | -0.121 | 0.656  |

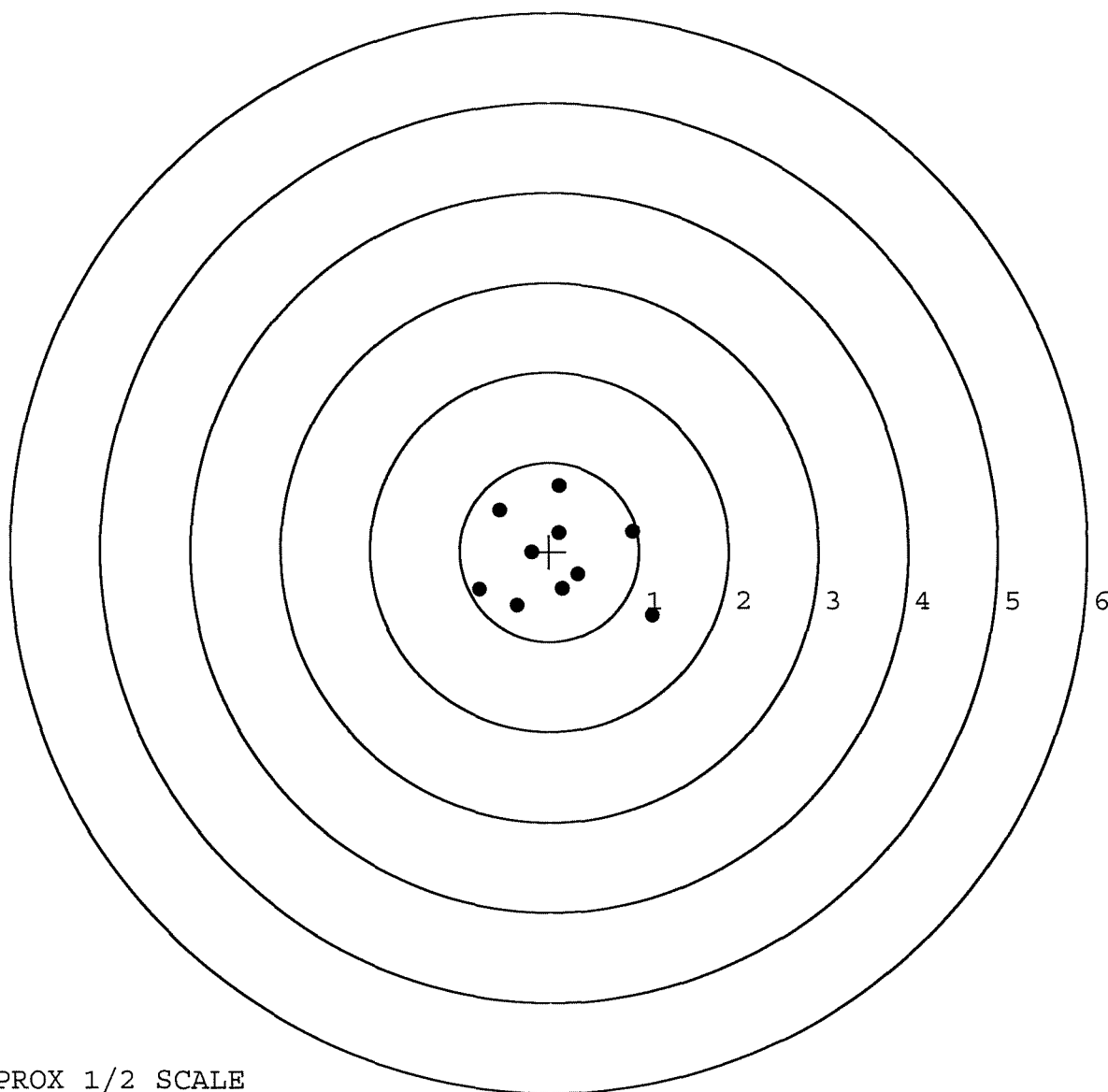


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6672602. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 09/04/2007  
FILE TIME: 08:03

X CENTROID: 0.085  
Y CENTROID: -0.080  
POA TO CENTROID: 0.117  
HORZ SPREAD: 1.930  
VERT SPREAD: 1.459  
GROUP SPREAD: 2.073  
MIN RADIUS: 0.291  
MAX RADIUS: 1.239  
MEAN RADIUS: 0.664  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.784 | -0.422 |
| 2:     | -0.364 | -0.606 |
| 3:     | 1.146  | -0.720 |
| 4:     | 0.142  | -0.417 |
| 5:     | 0.319  | -0.259 |
| 6:     | 0.929  | 0.221  |
| 7:     | 0.107  | 0.210  |
| 8:     | -0.198 | -0.011 |
| 9:     | 0.110  | 0.739  |
| 10:    | -0.558 | 0.461  |

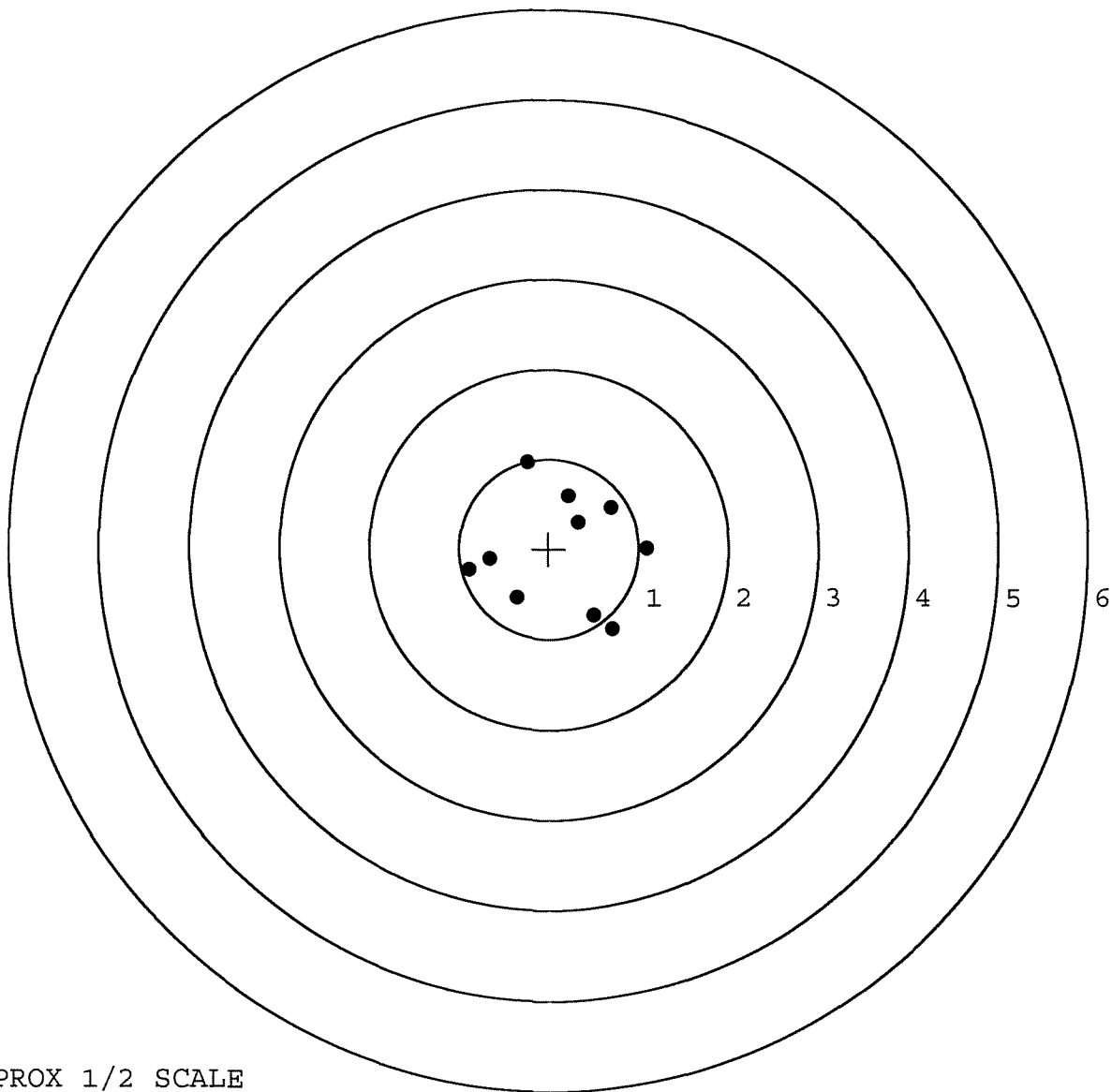


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6672602.\_\_\_0  
TARGET NUMBER: 3  
FILE DATE: 09/04/2007  
FILE TIME: 08:03

X CENTROID: 0.138  
Y CENTROID: -0.025  
POA TO CENTROID: 0.140  
HORZ SPREAD: 1.984  
VERT SPREAD: 1.861  
GROUP SPREAD: 2.086  
MIN RADIUS: 0.373  
MAX RADIUS: 1.055  
MEAN RADIUS: 0.815  
# IN 1 IN DIAMETER: 1  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.892 | -0.240 |
| 2:     | -0.654 | -0.118 |
| 3:     | -0.359 | -0.553 |
| 4:     | 0.706  | -0.900 |
| 5:     | 0.495  | -0.741 |
| 6:     | 1.092  | -0.005 |
| 7:     | 0.323  | 0.298  |
| 8:     | 0.689  | 0.457  |
| 9:     | 0.214  | 0.587  |
| 10:    | -0.236 | 0.961  |

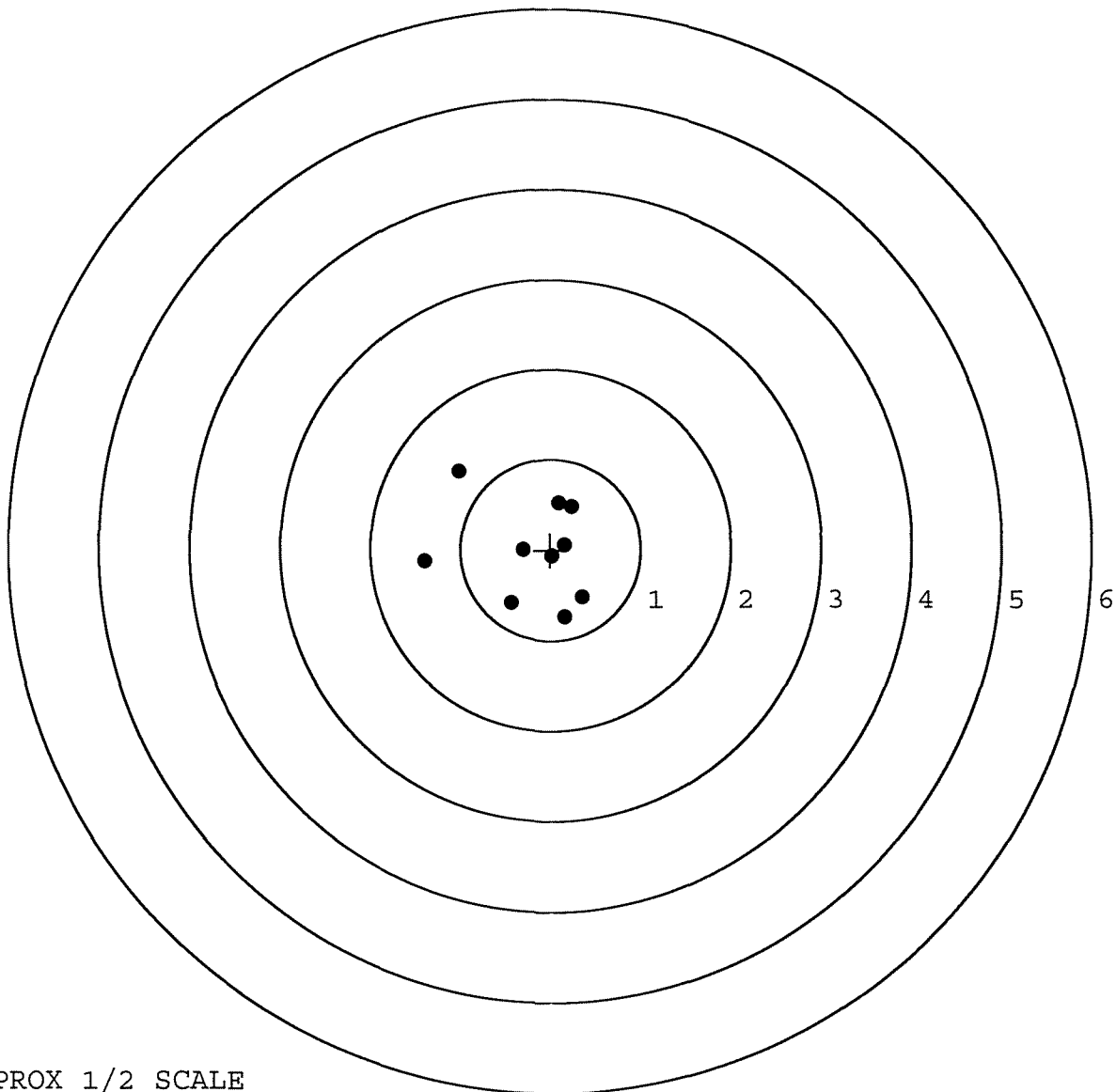


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6672602.\_\_\_0  
TARGET NUMBER: 4  
FILE DATE: 09/04/2007  
FILE TIME: 08:03

X CENTROID: -0.215  
Y CENTROID: -0.015  
POA TO CENTROID: 0.215  
HORZ SPREAD: 1.746  
VERT SPREAD: 1.605  
GROUP SPREAD: 1.789  
MIN RADIUS: 0.089  
MAX RADIUS: 1.189  
MEAN RADIUS: 0.655  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.015 | 0.863  |
| 2:     | -1.398 | -0.133 |
| 3:     | -0.436 | -0.587 |
| 4:     | 0.160  | -0.742 |
| 5:     | 0.348  | -0.525 |
| 6:     | -0.303 | -0.004 |
| 7:     | 0.159  | 0.059  |
| 8:     | 0.231  | 0.479  |
| 9:     | 0.090  | 0.514  |
| 10:    | 0.016  | -0.070 |

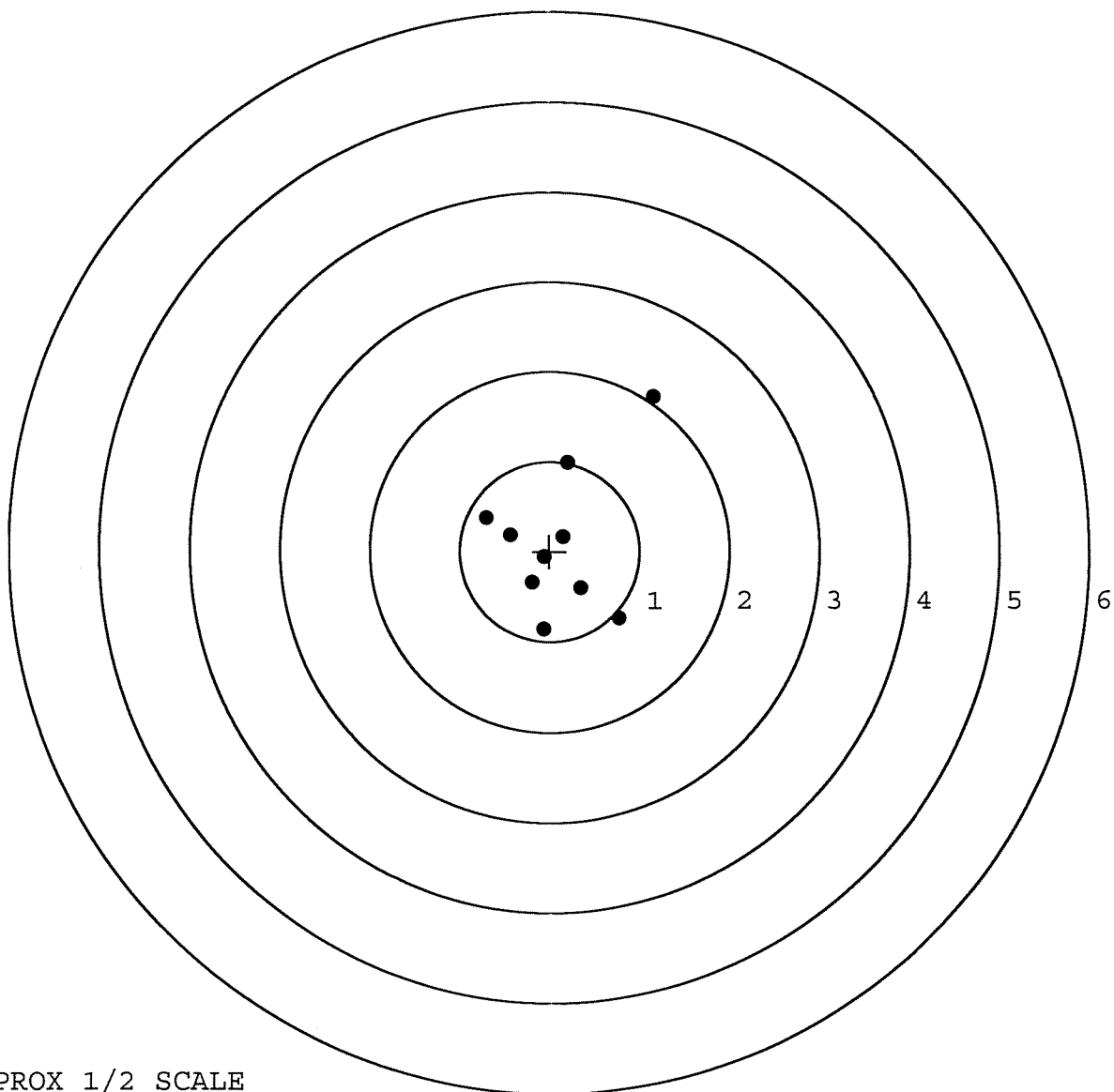


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6672602. 0  
TARGET NUMBER: 5  
FILE DATE: 09/04/2007  
FILE TIME: 08:03

X CENTROID: 0.116  
Y CENTROID: 0.099  
POA TO CENTROID: 0.153  
HORZ SPREAD: 1.859  
VERT SPREAD: 2.582  
GROUP SPREAD: 2.859  
MIN RADIUS: 0.074  
MAX RADIUS: 1.922  
MEAN RADIUS: 0.771  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.157  | 1.715  |
| 2:     | 0.200  | 0.989  |
| 3:     | -0.702 | 0.378  |
| 4:     | -0.434 | 0.186  |
| 5:     | 0.150  | 0.165  |
| 6:     | -0.194 | -0.348 |
| 7:     | 0.343  | -0.411 |
| 8:     | 0.771  | -0.753 |
| 9:     | -0.070 | -0.867 |
| 10:    | -0.061 | -0.060 |



TARGET APPROX 1/2 SCALE