

G-6645608

**ORDER 25732**

M/24 7.62 NATO (RIFLE ONLY)

**UPC**



**ORDER 25732**

M/24 7.62 NATO (RIFLE ONLY)

**UPC**



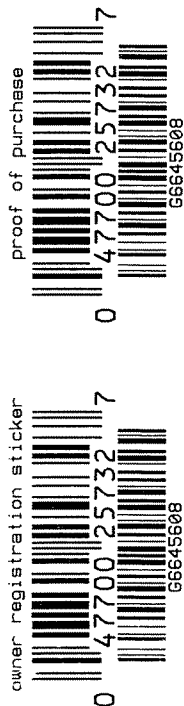
SERIAL NO.



**M/24 7.62 NATO (RIFLE ONLY)**  
**BOLT ACTION CENTERFIRE RIFLE**  
**24" BARREL 7.62 NATO**

- INSTRUCTION BOOK 3518

**DD FORM 200348**



**ORDER NO. 25732**

**BARREL LENGTH 24"**

**CAPACITY 5**

**G6645608**



## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6645608

| OP #         | OPERATION NAME                                                                                                                         | READINGS             | DATE    | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------|---------|
| 410          | SERIALIZE BOLT HANDLE                                                                                                                  |                      | 5-18-07 | RTZ     |
| 420          | ASSEMBLE ACTION                                                                                                                        |                      | 5-16-07 | R.P.D.  |
| 430          | ASSEMBLE TO STOCK                                                                                                                      |                      | 5-17-07 | Fm      |
| 440          | PROOF                                                                                                                                  | MAGNA - FLUX         | 5-17-07 | TRW     |
| 460          | CHECK HEADSPACE                                                                                                                        | MAY 21 2008          | 5-17-07 | TRW     |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    |                      | 5-18-07 | RTZ     |
| 480          | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR <u>unus</u> | 5/21/07 | unus    |
| 490          | MAGNAFLUX BOLT                                                                                                                         |                      |         |         |
| 500          | ROLLMARK CALIBER                                                                                                                       |                      | 5-21-07 | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                      | 5-21-07 | TRW     |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                      | 5-22-07 | LB      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                      |         |         |
|              | (BOLT)                                                                                                                                 |                      | 5/23/07 | RB      |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                      |         |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                      | 5-31-07 | R.P.D.  |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                      | 5-31-07 | R.P.D.  |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                      | 5-31-07 | R.P.D.  |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                      | 5-31-07 | R.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

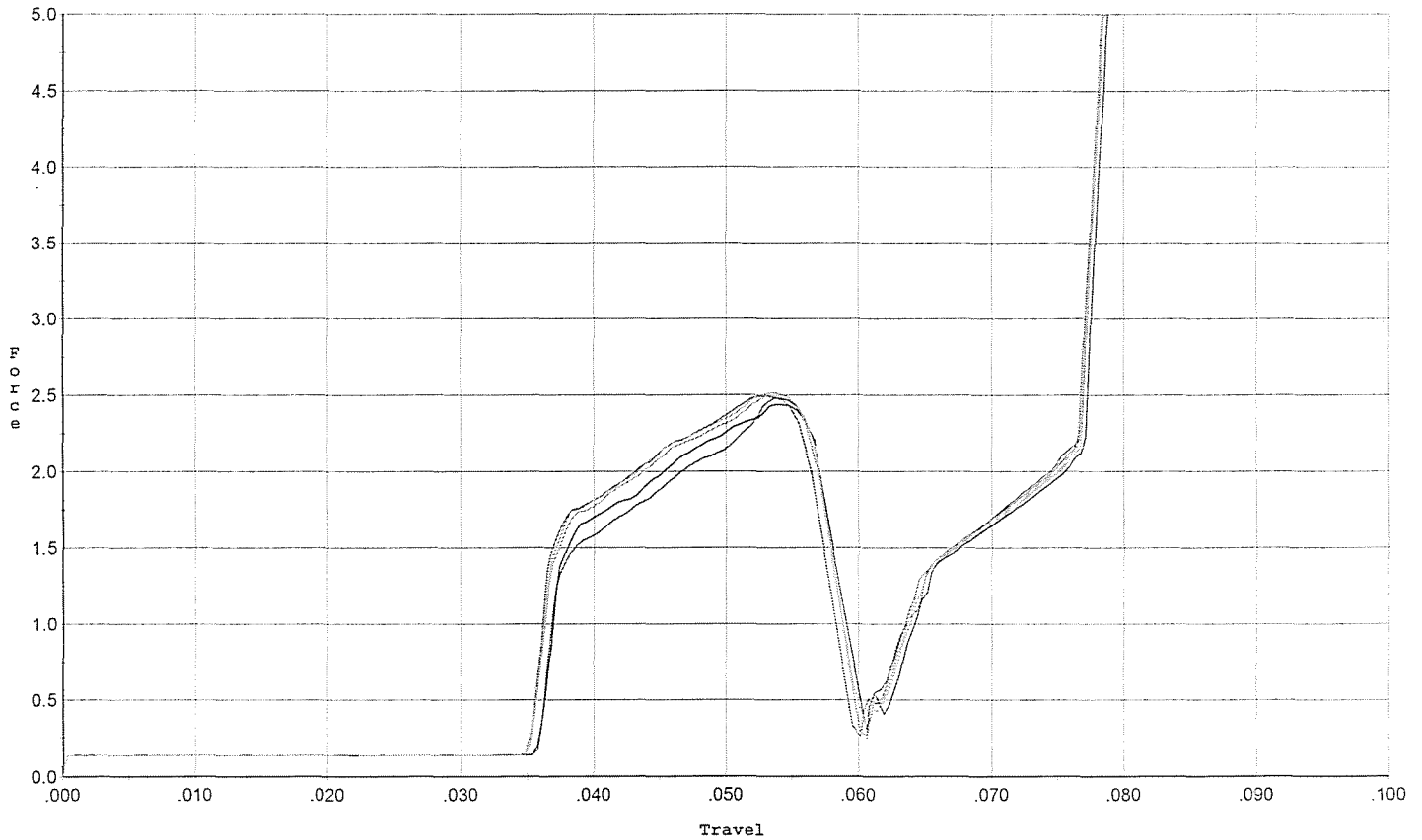
|              |                                                                       |                                           |             |             |             |             |             |        |    |
|--------------|-----------------------------------------------------------------------|-------------------------------------------|-------------|-------------|-------------|-------------|-------------|--------|----|
| 560          | F) SAFETY ON FORCE                                                    | 2 LBS MIN<br>10 LBS MAX                   | <u>7.0</u>  | <u>6.0</u>  | <u>6.0</u>  | 6-7-07      | Fm          |        |    |
| CONT.        |                                                                       |                                           |             |             |             |             |             |        |    |
|              | G) SAFETY OFF FORCE                                                   | 2 LBS MIN                                 | <u>4</u>    | <u>4</u>    | <u>4</u>    | 6-7-07      | Fm          |        |    |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                             |                                           |             |             |             |             |             |        |    |
|              | I) FIRING PIN INDENT                                                  | .020 MIN                                  | <u>.023</u> | <u>.024</u> | <u>.023</u> | 6-7-07      | Fm          |        |    |
|              | J) ASSEMBLE STOCK                                                     |                                           |             |             |             | 5-31-07     | P.P.D.      |        |    |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                           |                                           |             |             |             | 6-13-07     | P.P.D.      |        |    |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                              |                                           |             |             |             |             |             |        |    |
|              | M) IRON SIGHT<br>ALIGNMENT                                            |                                           |             |             |             |             |             |        |    |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER |                                           |             |             |             |             |             |        |    |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                           |                                           | <u>PASS</u> | FAIL        |             | 6/1/07      | ~           |        |    |
|              |                                                                       |                                           | <u>PASS</u> | FAIL        |             |             |             |        |    |
|              | MALFUNCTION                                                           | CORRECTION                                |             |             |             |             |             |        |    |
|              | MALFUNCTION                                                           | CORRECTION                                |             |             | N/A         |             |             |        |    |
|              | MALFUNCTION                                                           | CORRECTION                                |             |             |             |             |             |        |    |
|              | MALFUNCTION                                                           | CORRECTION                                |             |             |             |             |             |        |    |
| 660          | INSPECT FOR LIVE AMMO                                                 |                                           |             |             |             | 6-1-07      | SD          |        |    |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                      |                                           |             |             |             | 6/8/07      | ~           |        |    |
|              | B) TRIGGER PULL                                                       | +/- .5 LBS<br>MIN 2.50 LBS<br>MAX 4.0 LBS | <u>2.68</u> | <u>2.51</u> | <u>2.58</u> | <u>2.47</u> | <u>2.40</u> | 6-7-07 | Fm |
|              | C) FUNCTION                                                           |                                           |             |             |             | 6/8/07      | ~           |        |    |
| 690          | PACK                                                                  |                                           |             |             |             | 6-13-07     | RA          |        |    |

F004 REV 5/2006

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 5/31/07

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



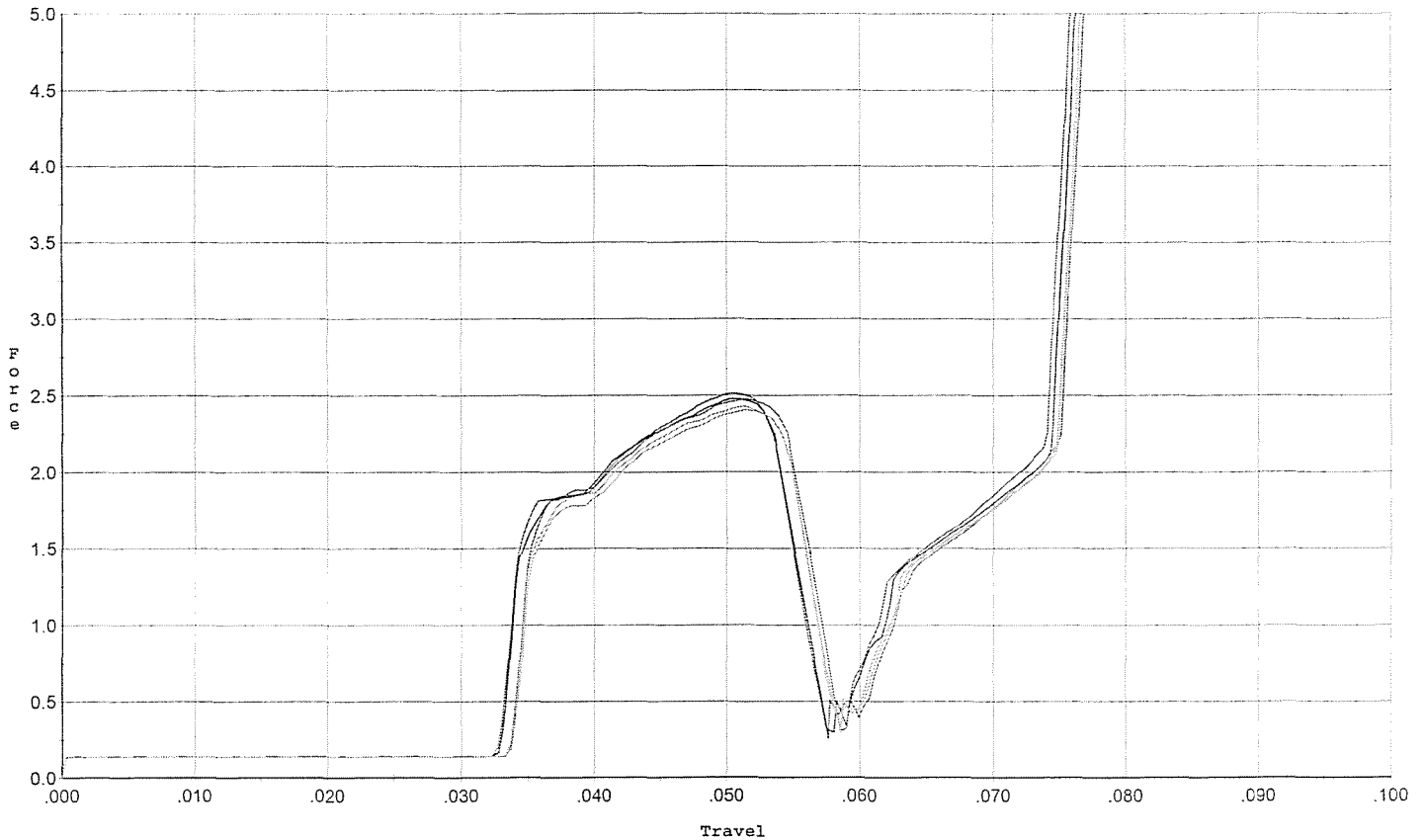
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.481      | 0.057             | 0.036           | 0.028      | 0.046             |           | Set Trigger |
| 2 | 2.439      | 0.057             | 0.036           | 0.028      | 0.047             |           | Set Trigger |
| 3 | 2.491      | 0.056             | 0.035           | 0.028      | 0.049             |           | Set Trigger |
| 4 | 2.513      | 0.057             | 0.035           | 0.028      | 0.050             |           | Set Trigger |
| 5 | 2.499      | 0.057             | 0.035           | 0.028      | 0.050             |           | Set Trigger |

Avg 2.48

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 5/31/07

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



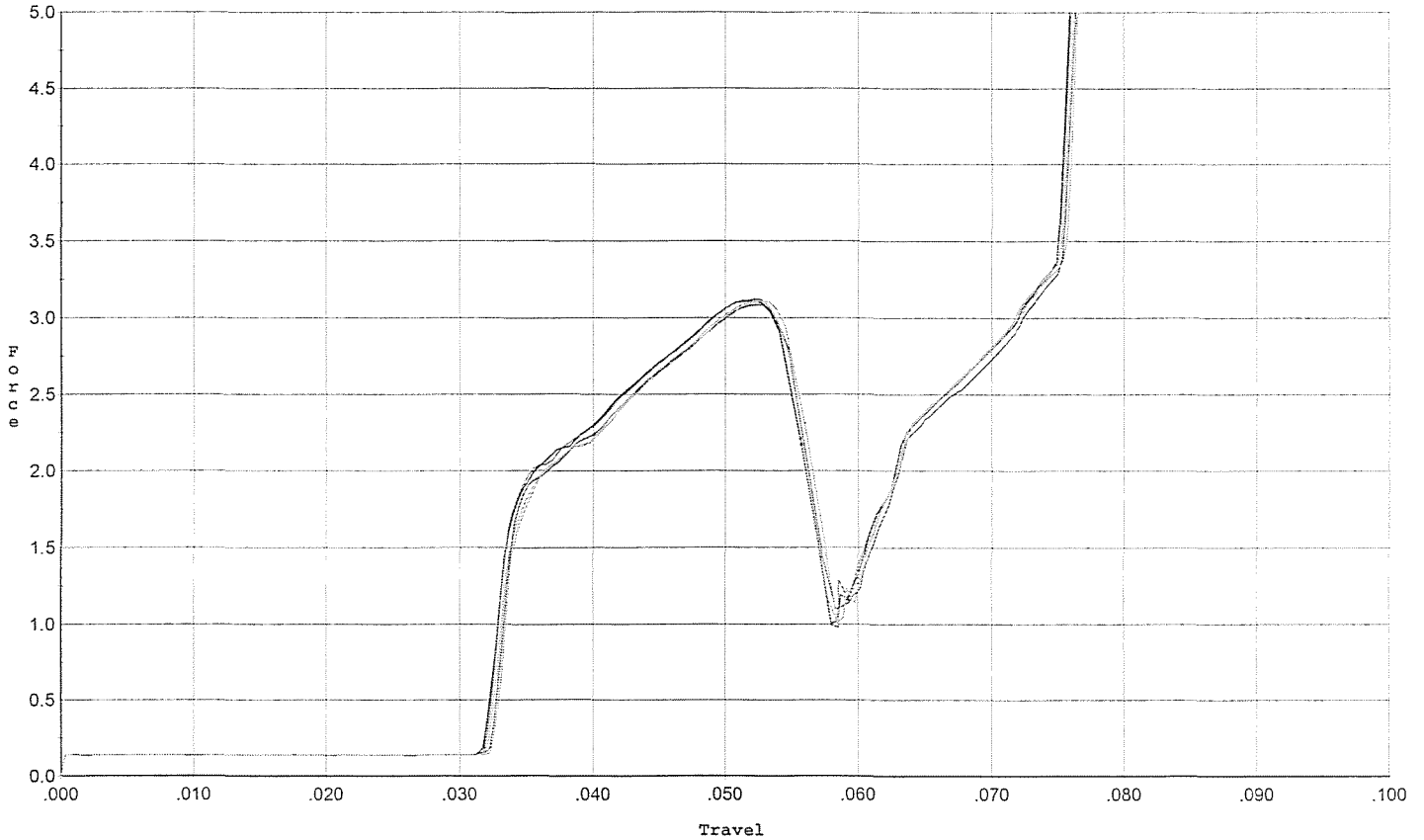
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.513      | 0.054             | 0.033           | 0.028      | 0.049             |           | Set Trigger |
| 2 | 2.477      | 0.054             | 0.033           | 0.029      | 0.048             |           | Set Trigger |
| 3 | 2.476      | 0.056             | 0.034           | 0.028      | 0.051             |           | Set Trigger |
| 4 | 2.428      | 0.055             | 0.034           | 0.028      | 0.049             |           | Set Trigger |
| 5 | 2.404      | 0.055             | 0.034           | 0.028      | 0.048             |           | Set Trigger |

Aug ~~2.48~~ RP  
2.46

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 5/31/07

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 | 3.085      | 0.055             | 0.032           | 0.027      | 0.061             |           | Set Trigger |
| 2 | 3.110      | 0.056             | 0.032           | 0.027      | 0.063             |           | Set Trigger |
| 3 | 3.123      | 0.056             | 0.032           | 0.027      | 0.063             |           | Set Trigger |
| 4 | 3.112      | 0.055             | 0.032           | 0.027      | 0.061             |           | Set Trigger |
| 5 | 3.108      | 0.056             | 0.033           | 0.027      | 0.062             |           | Set Trigger |

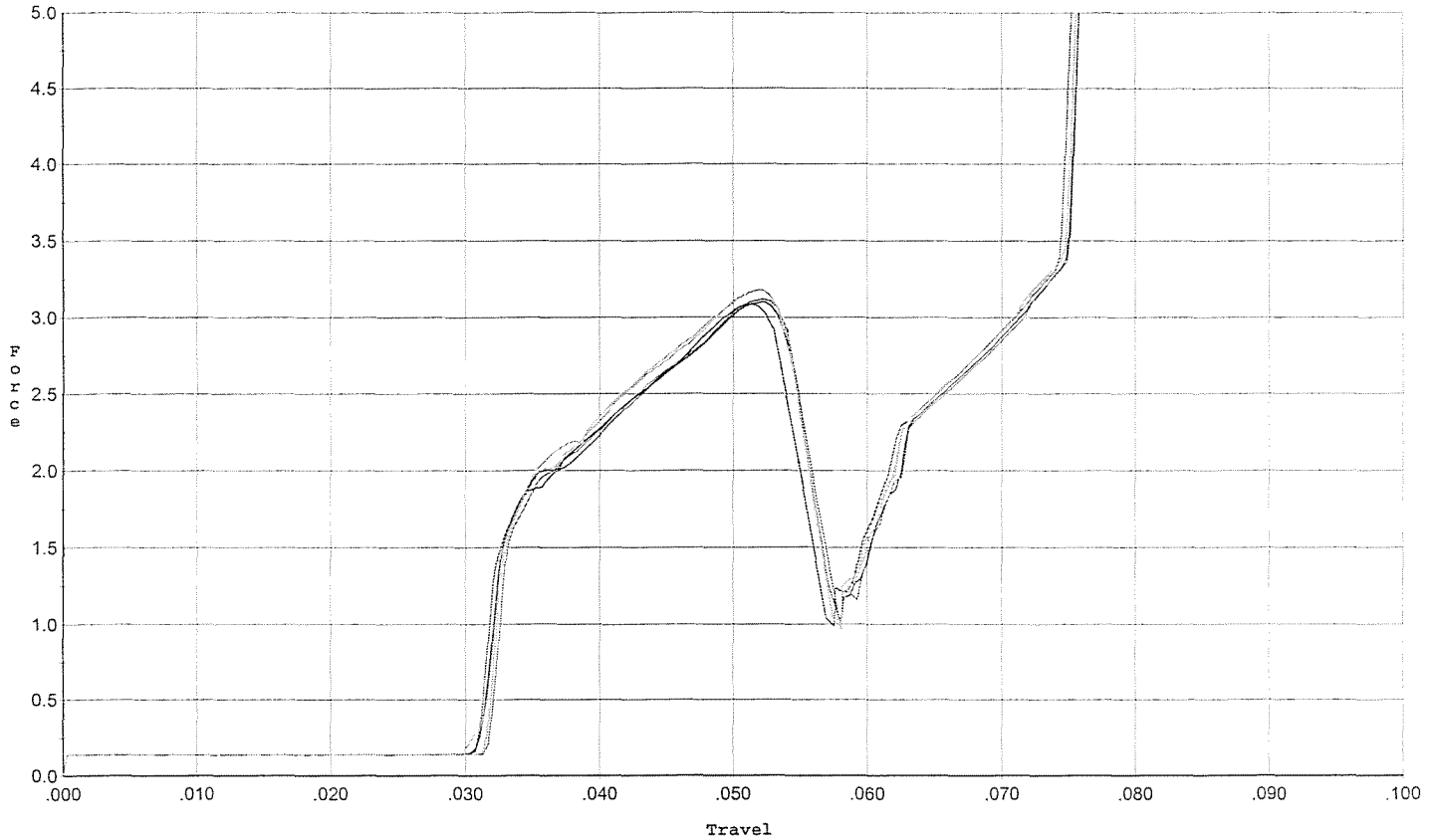
Avg 3.10



# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 5/31/07

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



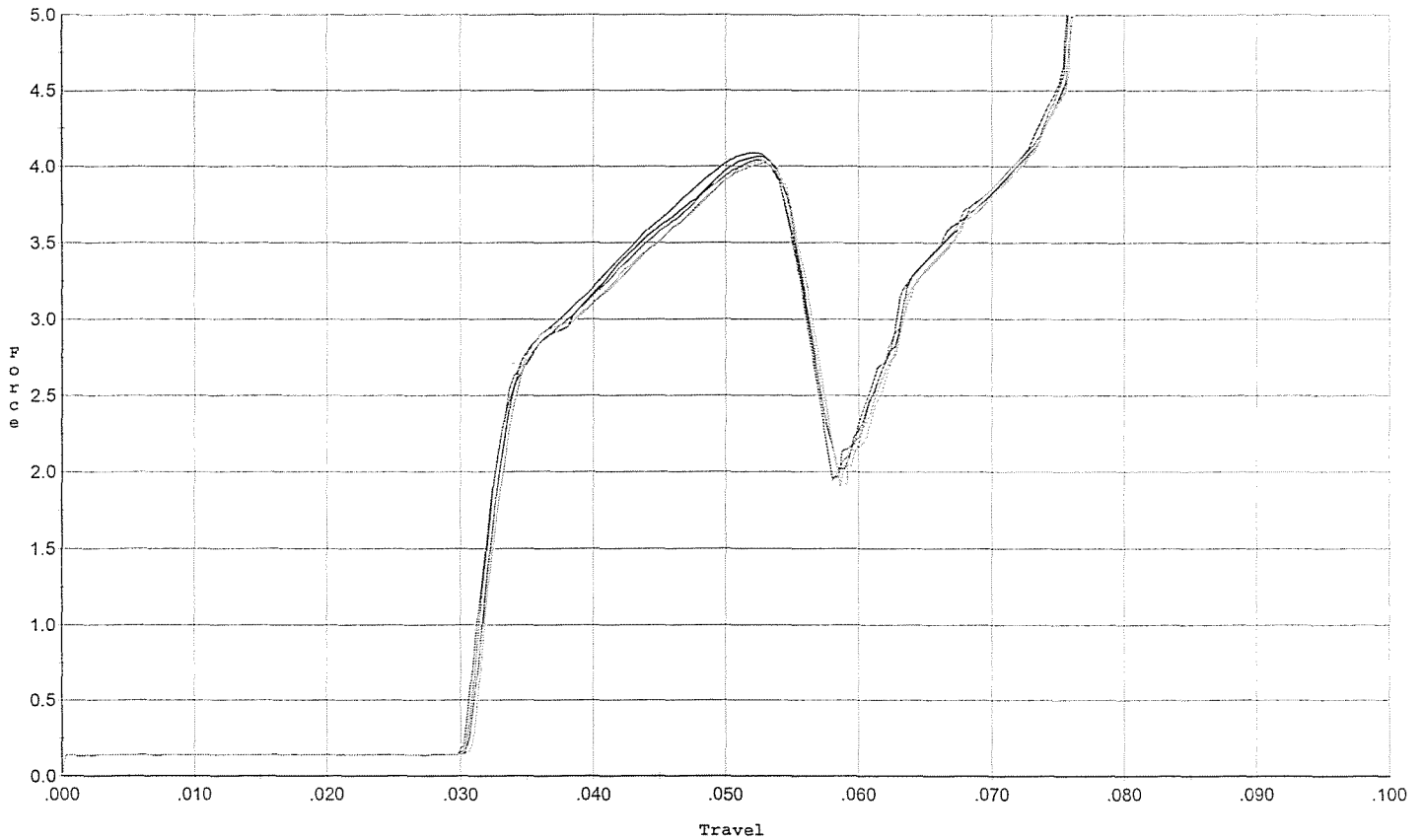
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.088      | 0.055             | 0.031           | 0.027      | 0.061             |           | Set Trigger |
| 2 | 3.103      | 0.054             | 0.031           | 0.027      | 0.061             |           | Set Trigger |
| 3 | 3.120      | 0.054             | 0.032           | 0.027      | 0.060             |           | Set Trigger |
| 4 | 3.177      | 0.054             | 0.031           | 0.027      | 0.063             |           | Set Trigger |
| 5 | 3.180      | 0.054             | 0.032           | 0.027      | 0.062             |           | Set Trigger |

Avg 3.13

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 5/31/07

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



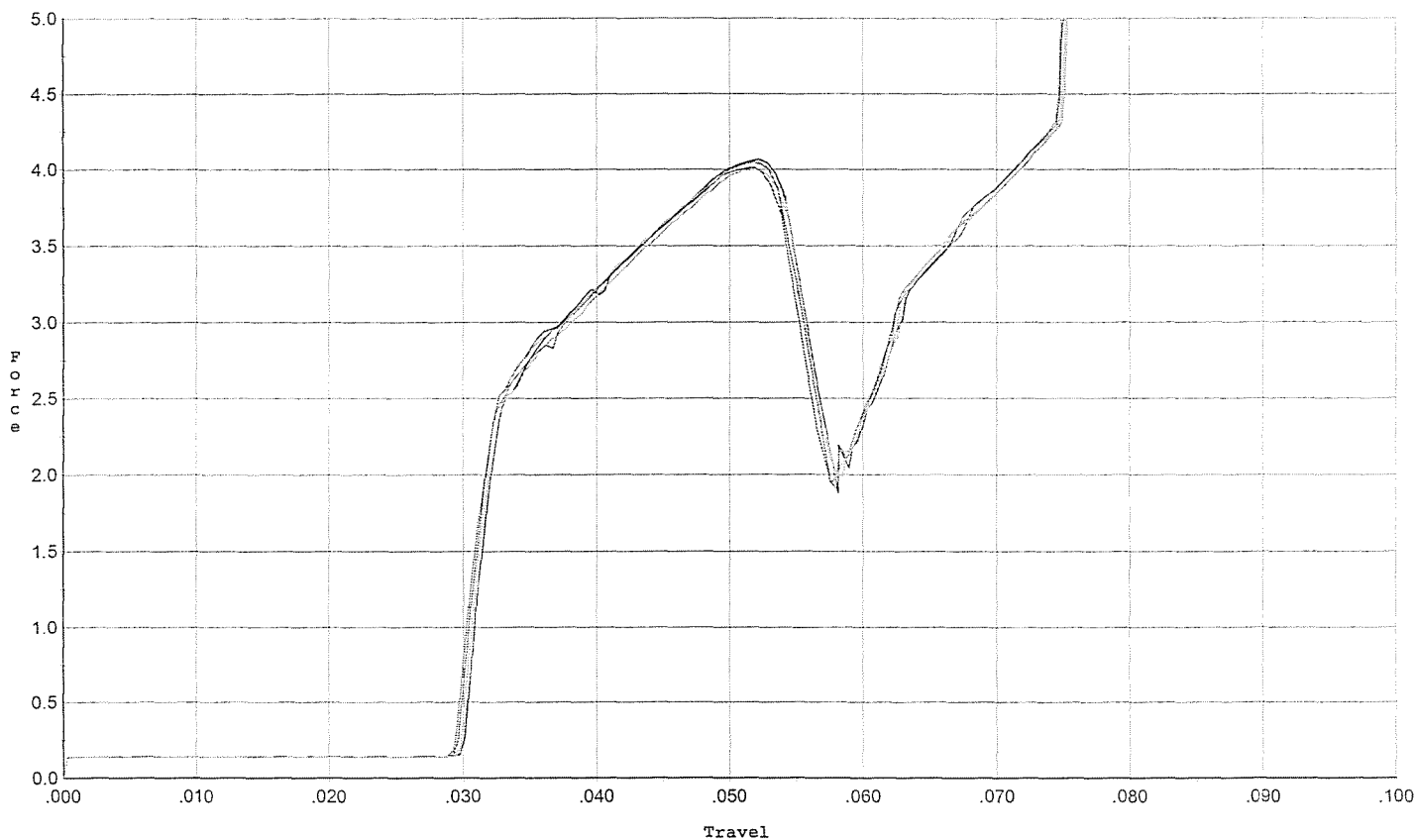
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.085      | 0.055             | 0.030           | 0.025      | 0.087             |           | Set Trigger |
| 2 | 4.064      | 0.055             | 0.031           | 0.025      | 0.085             |           | Set Trigger |
| 3 | 4.042      | 0.055             | 0.031           | 0.025      | 0.085             |           | Set Trigger |
| 4 | 4.037      | 0.056             | 0.031           | 0.025      | 0.086             |           | Set Trigger |
| 5 | 4.020      | 0.055             | 0.031           | 0.025      | 0.083             |           | Set Trigger |

Aug 4.05

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 5/31/07

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



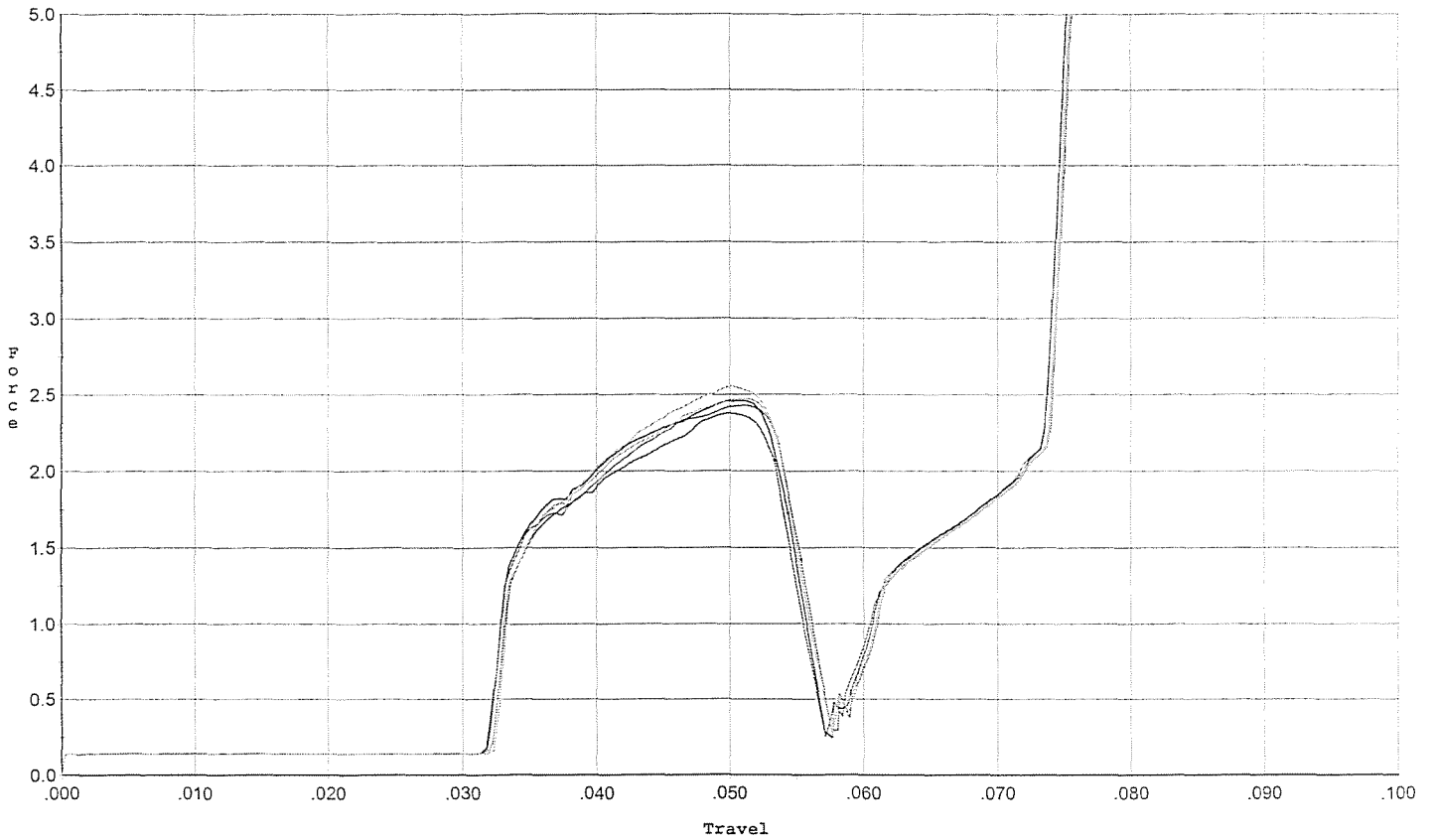
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.049      | 0.055             | 0.030           | 0.025      | 0.087             |           | Set Trigger |
| 2 | 4.064      | 0.054             | 0.030           | 0.025      | 0.085             |           | Set Trigger |
| 3 | 4.010      | 0.054             | 0.029           | 0.025      | 0.084             |           | Set Trigger |
| 4 | 4.043      | 0.054             | 0.030           | 0.025      | 0.086             |           | Set Trigger |
| 5 | 4.001      | 0.054             | 0.030           | 0.025      | 0.084             |           | Set Trigger |

Avg 4.03

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putsch 5/31/07

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



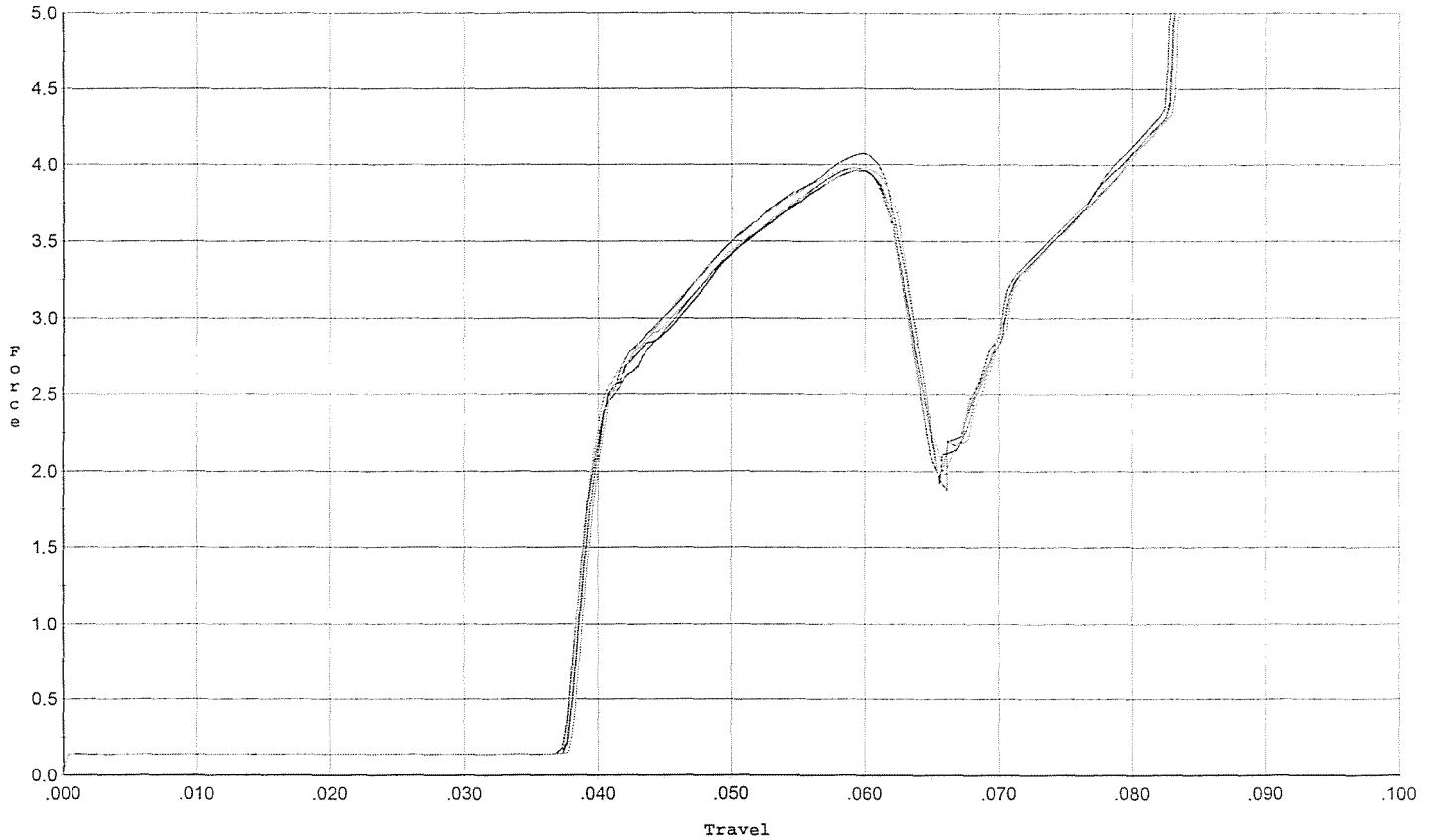
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.374      | 0.053             | 0.032           | 0.028      | 0.047             |           | Set Trigger |
| 2 | 2.461      | 0.054             | 0.032           | 0.028      | 0.050             |           | Set Trigger |
| 3 | 2.428      | 0.055             | 0.032           | 0.028      | 0.051             |           | Set Trigger |
| 4 | 2.556      | 0.054             | 0.033           | 0.028      | 0.050             |           | Set Trigger |
| 5 | 2.474      | 0.054             | 0.032           | 0.028      | 0.049             |           | Set Trigger |

Avg 2.45

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 5/31/07

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 | 3.976      | 0.062             | 0.038           | 0.025      | 0.086             |           | Set Trigger |
| 2 | 3.964      | 0.062             | 0.038           | 0.025      | 0.085             |           | Set Trigger |
| 3 | 4.072      | 0.063             | 0.038           | 0.025      | 0.090             |           | Set Trigger |
| 4 | 3.985      | 0.062             | 0.038           | 0.025      | 0.087             |           | Set Trigger |
| 5 | 3.966      | 0.062             | 0.038           | 0.025      | 0.087             |           | Set Trigger |

Avg 3.99

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6645608.\_\_\_0

FILE DATE AND TIME: 06/01/2007 23:25

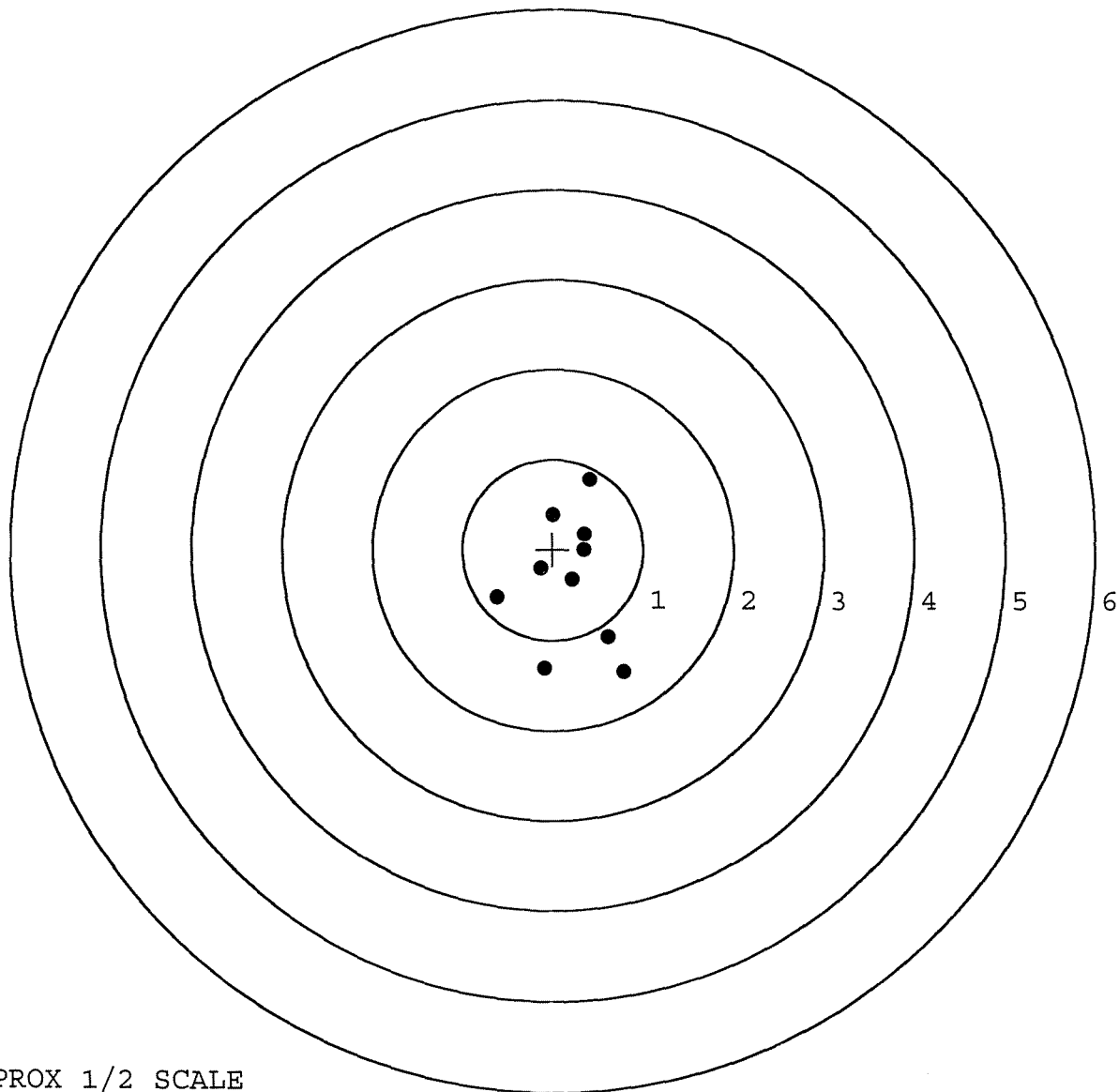
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.062  |
| The Average Y Centroid of the Five Target Set:              | -0.220 |
| The Average Point of Impact of the Five Target Set:         | 0.228  |
| The Average Mean Radius of the Five Target Set:             | 0.748  |
| The Distance from POA to Centroid Target #1:                | 0.390  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.489  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.137  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.067  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.197  |

SERIAL NUMBER: G6645608. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 06/01/2007  
FILE TIME: 23:25

X CENTROID: 0.192  
Y CENTROID: -0.339  
POA TO CENTROID: 0.390  
HORZ SPREAD: 1.415  
VERT SPREAD: 2.122  
GROUP SPREAD: 2.158  
MIN RADIUS: 0.031  
MAX RADIUS: 1.177  
MEAN RADIUS: 0.694  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.003 | 0.386  |
| 2:     | 0.409  | 0.774  |
| 3:     | 0.357  | 0.171  |
| 4:     | 0.348  | -0.013 |
| 5:     | 0.223  | -0.335 |
| 6:     | -0.130 | -0.217 |
| 7:     | -0.616 | -0.529 |
| 8:     | 0.626  | -0.961 |
| 9:     | 0.799  | -1.348 |
| 10:    | -0.092 | -1.318 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6645608. 0

TARGET NUMBER: 2

FILE DATE: 06/01/2007

FILE TIME: 23:25

X CENTROID: -0.142

Y CENTROID: 0.018

POA TO CENTROID: 0.143

HORZ SPREAD: 1.777

VERT SPREAD: 3.041

GROUP SPREAD: 3.160

MIN RADIUS: 0.125

MAX RADIUS: 1.812

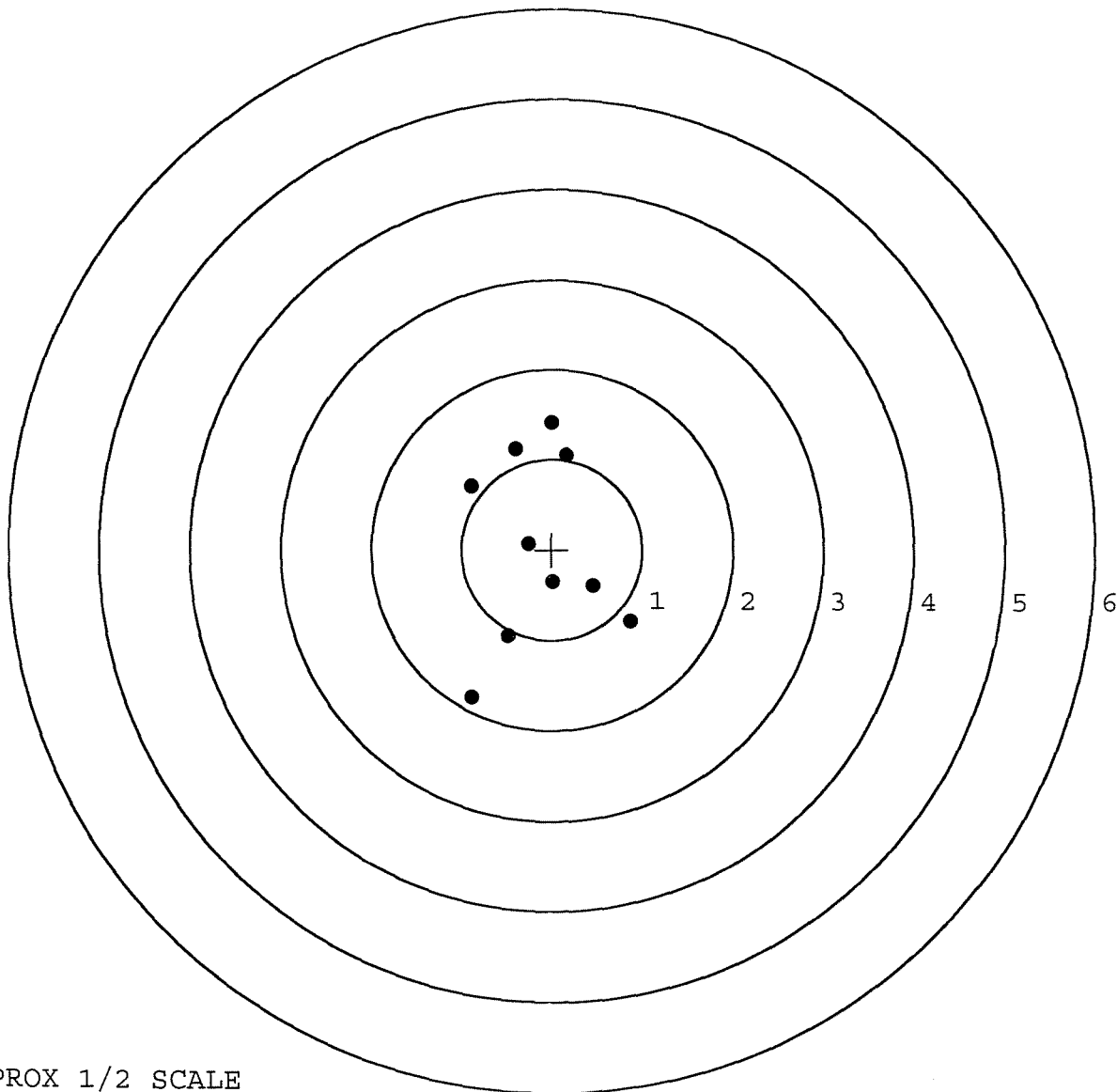
MEAN RADIUS: 1.002

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 3

# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.258 | 0.063  |
| 2:     | 0.017  | -0.360 |
| 3:     | 0.466  | -0.398 |
| 4:     | 0.878  | -0.793 |
| 5:     | -0.474 | -0.956 |
| 6:     | -0.878 | -1.637 |
| 7:     | -0.899 | 0.703  |
| 8:     | -0.408 | 1.110  |
| 9:     | -0.019 | 1.404  |
| 10:    | 0.159  | 1.046  |



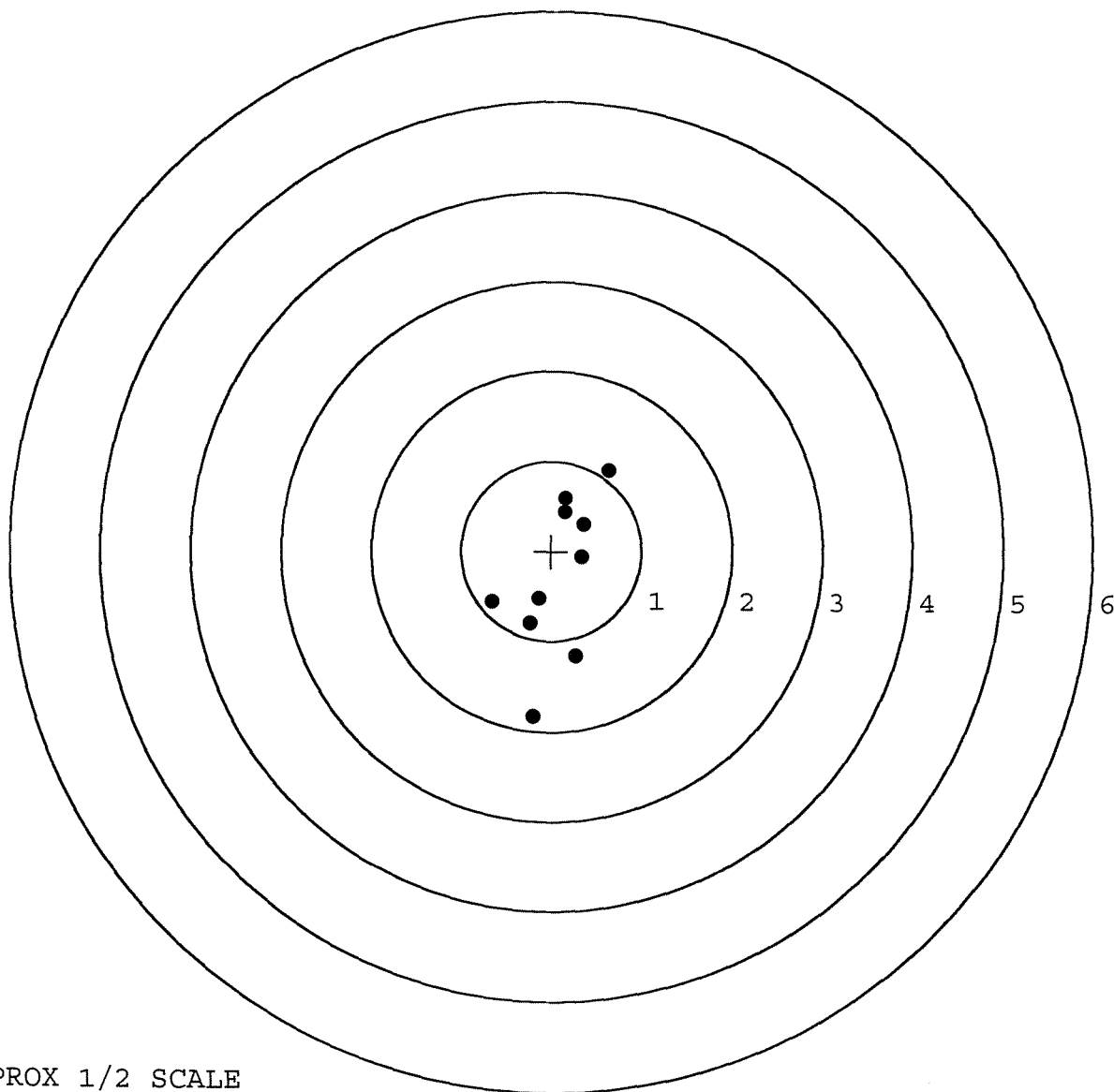
TARGET APPROX 1/2 SCALE



SERIAL NUMBER: G6645608. 0  
TARGET NUMBER: 3  
FILE DATE: 06/01/2007  
FILE TIME: 23:25

X CENTROID: 0.071  
Y CENTROID: -0.275  
POA TO CENTROID: 0.284  
HORZ SPREAD: 1.282  
VERT SPREAD: 2.739  
GROUP SPREAD: 2.859  
MIN RADIUS: 0.334  
MAX RADIUS: 1.586  
MEAN RADIUS: 0.811  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.159  | 0.593  |
| 2:     | 0.149  | 0.437  |
| 3:     | 0.363  | 0.302  |
| 4:     | 0.346  | -0.065 |
| 5:     | -0.655 | -0.568 |
| 6:     | -0.134 | -0.539 |
| 7:     | -0.233 | -0.809 |
| 8:     | 0.282  | -1.164 |
| 9:     | -0.191 | -1.839 |
| 10:    | 0.627  | 0.900  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6645608. 0

TARGET NUMBER: 4

FILE DATE: 06/01/2007

FILE TIME: 23:25

X CENTROID: 0.139

Y CENTROID: -0.297

POA TO CENTROID: 0.328

HORZ SPREAD: 1.461

VERT SPREAD: 2.083

GROUP SPREAD: 2.126

MIN RADIUS: 0.129

MAX RADIUS: 1.212

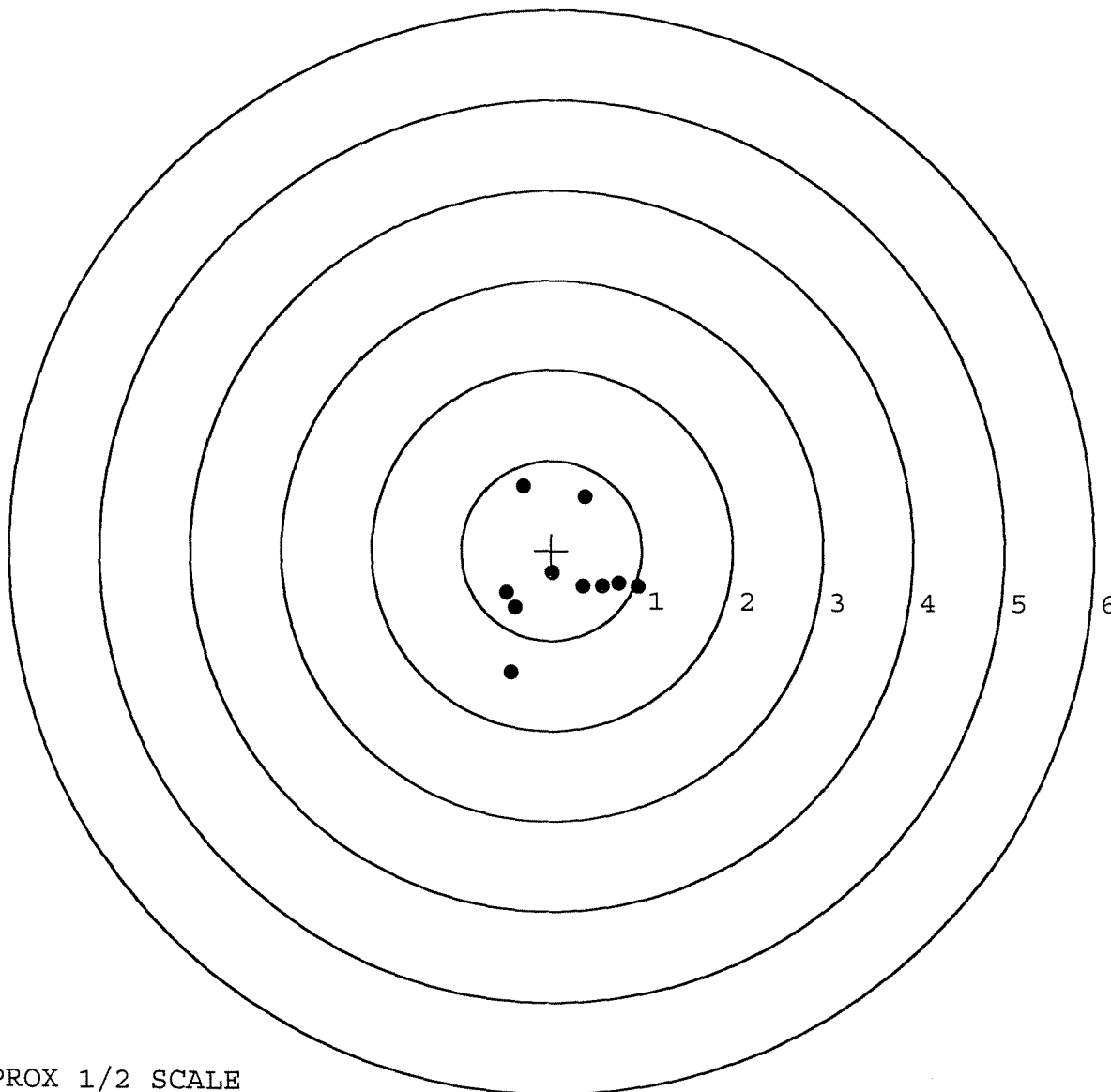
MEAN RADIUS: 0.681

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.314 | 0.718  |
| 2:     | 0.369  | 0.604  |
| 3:     | -0.497 | -0.478 |
| 4:     | -0.396 | -0.646 |
| 5:     | 0.018  | -0.253 |
| 6:     | 0.360  | -0.395 |
| 7:     | 0.570  | -0.399 |
| 8:     | 0.964  | -0.397 |
| 9:     | -0.434 | -1.365 |
| 10:    | 0.750  | -0.364 |

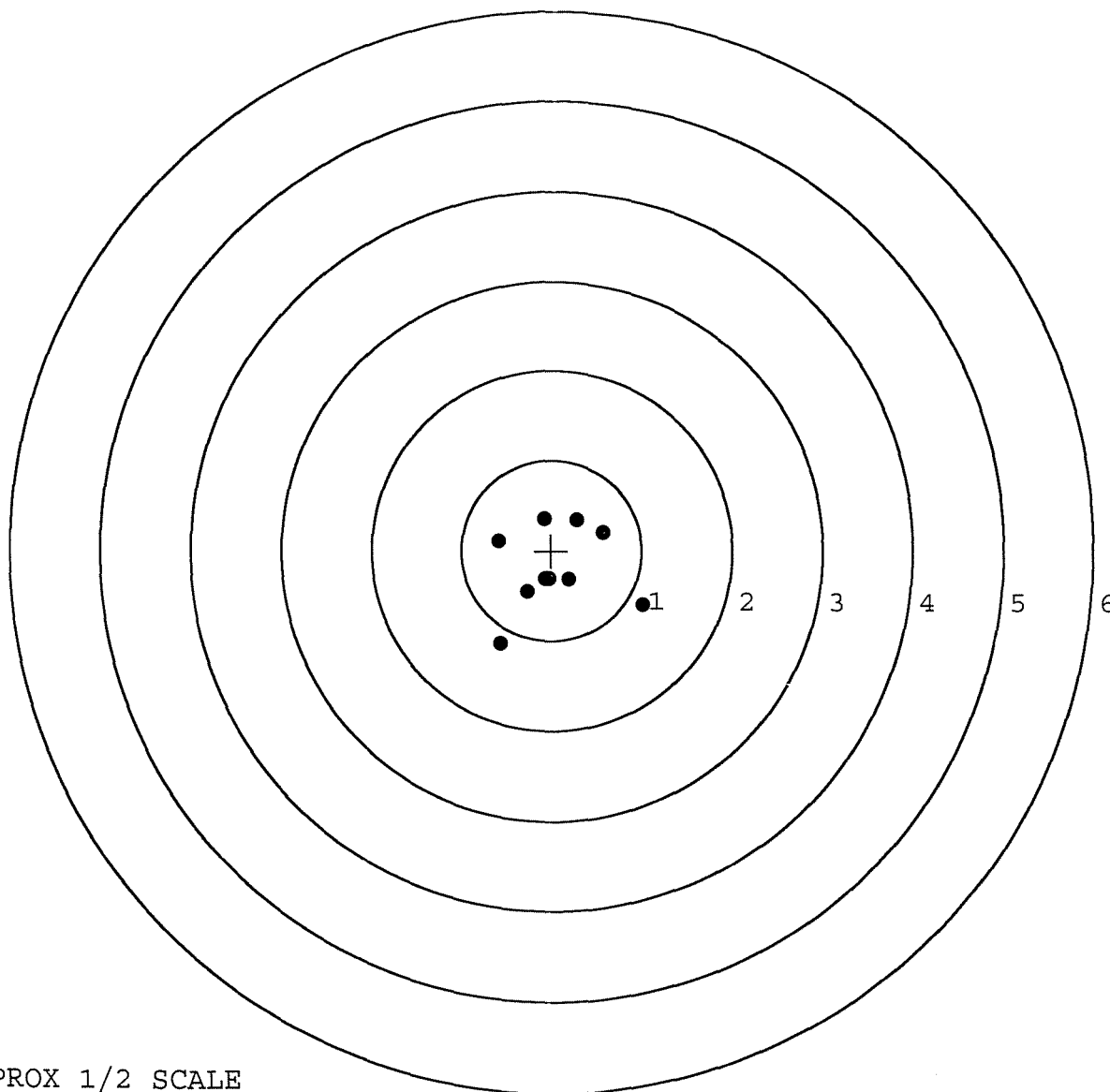


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6645608. 0  
TARGET NUMBER: 5  
FILE DATE: 06/01/2007  
FILE TIME: 23:25

X CENTROID: 0.049  
Y CENTROID: -0.204  
POA TO CENTROID: 0.210  
HORZ SPREAD: 1.595  
VERT SPREAD: 1.397  
GROUP SPREAD: 1.743  
MIN RADIUS: 0.142  
MAX RADIUS: 1.044  
MEAN RADIUS: 0.552  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.580 | 0.103  |
| 2:     | -0.082 | 0.358  |
| 3:     | 0.285  | 0.346  |
| 4:     | 0.571  | 0.212  |
| 5:     | -0.260 | -0.463 |
| 6:     | -0.068 | -0.314 |
| 7:     | 0.199  | -0.325 |
| 8:     | 1.015  | -0.600 |
| 9:     | -0.556 | -1.039 |
| 10:    | -0.033 | -0.320 |



TARGET APPROX 1/2 SCALE