

36577311

**M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)**  
**BOLT ACTION CENTERFIRE RIFLE**  
**24" BARREL 7.62 NATO**

- INSTRUCTION BOOK 3518

proof of purchase



owner registration sticker



**DD FORM**

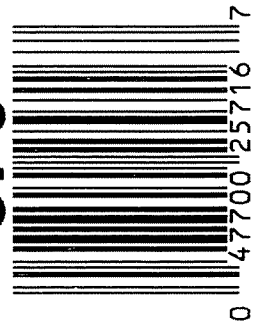
**ORDER NO. 25716**

**BARREL LENGTH 24"**

**CAPACITY 6**

**G6577311**

**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.



## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL #

G-6577311

| OP #            | OPERATION NAME                                                                                                                         | READINGS | DATE     | INITIAL |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------|----------|----------|---------|
| 410             | SERIALIZE BOLT HANDLE                                                                                                                  |          | 10-7-06  | BLC     |
| 420             | ASSEMBLE ACTION                                                                                                                        |          | 10-9-06  | RTZ     |
| 430             | ASSEMBLE TO STOCK                                                                                                                      |          | 10-10-06 | RP      |
| 440             | PROOF                                                                                                                                  |          | 10-10-06 | TRW     |
| 460             | CHECK HEADSPACE                                                                                                                        |          | 10-10-06 | TRW     |
| 470             | DIS-ASSEMBLE ACTION                                                                                                                    |          | 10-11-06 | RTZ     |
| 480             | MAGNAFLUX BBL ACTION                                                                                                                   |          | 10/13/06 | unns    |
| 490             | MAGNAFLUX BOLT                                                                                                                         |          |          |         |
| 500             | ROLLMARK CALIBER                                                                                                                       |          | 10-13-06 | CW      |
| 510             | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |          | 10-11-06 | TRW     |
| 520             | GOFF BLAST BBL / REC                                                                                                                   |          | 10-14-06 | LB      |
| 530 &<br>540    | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |          |          |         |
|                 | (BOLT)                                                                                                                                 |          | 10/16/06 | RB      |
| 560             | RE-ASSEMBLE ACTION<br>A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                              |          | 10-17-06 | SD      |
|                 | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |          | 10-17-06 | SD      |
|                 | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |          | 10-17-06 | SD      |
|                 | D) OIL FIRING PIN ASSEMBLY                                                                                                             |          | 10-23-06 | BLC     |
|                 | 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 |                                                                                                                                        |          |          |         |

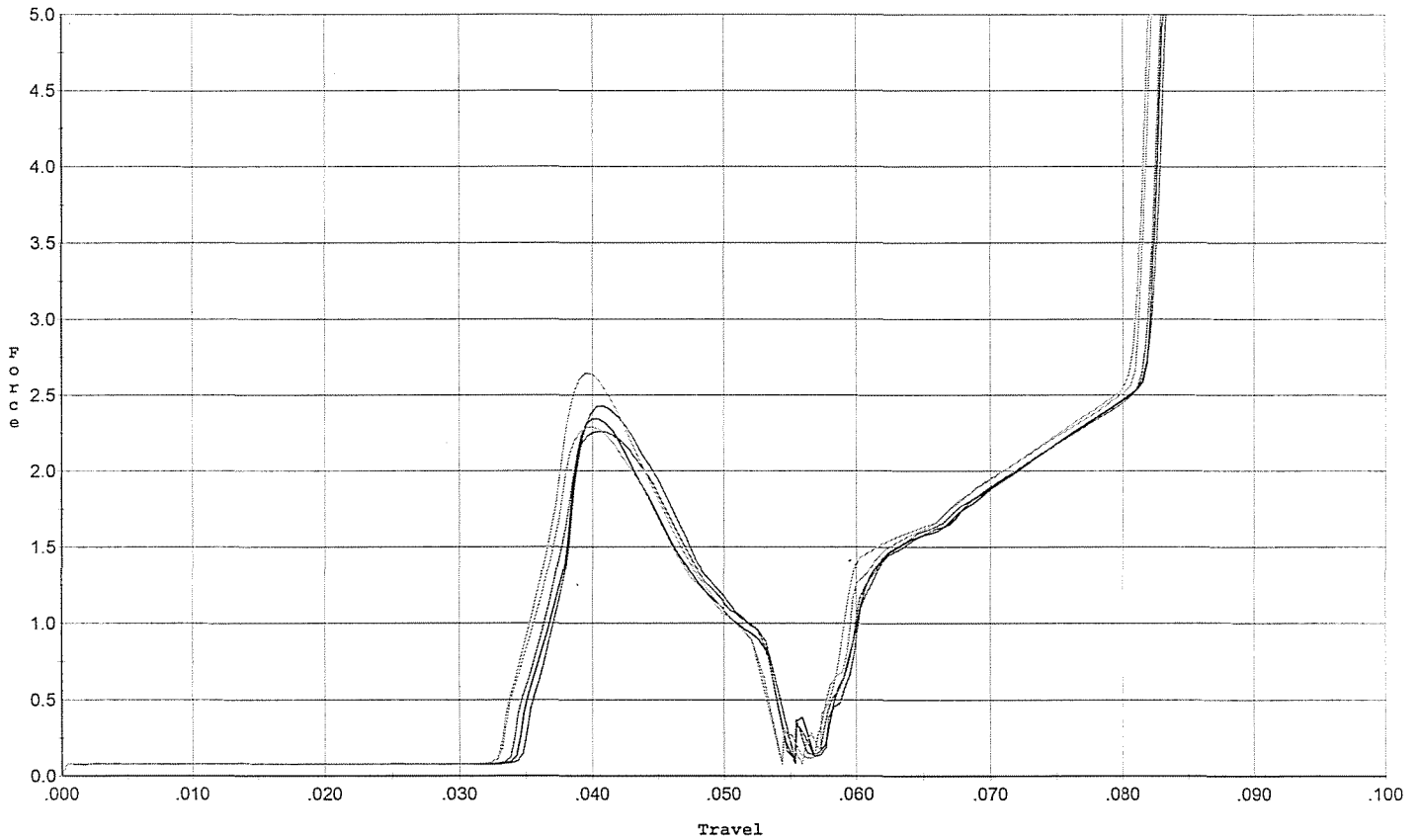
|              |                                                                       |                                           |             |             |             |             |             |          |     |
|--------------|-----------------------------------------------------------------------|-------------------------------------------|-------------|-------------|-------------|-------------|-------------|----------|-----|
| 560          | F) SAFETY ON FORCE                                                    | 2 LBS MIN<br>10 LBS MAX                   | <u>6.0</u>  | <u>6.5</u>  | <u>6.5</u>  | 11/13/06    | nom         |          |     |
| CONT.        |                                                                       |                                           |             |             |             |             |             |          |     |
|              | G) SAFETY OFF FORCE                                                   | 2 LBS MIN                                 | <u>4.0</u>  | <u>4.0</u>  | <u>4.5</u>  | 11/13/06    | nom         |          |     |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                             |                                           |             |             |             |             |             |          |     |
|              | I) FIRING PIN INDENT                                                  | .020 MIN                                  | <u>.024</u> | <u>.024</u> | <u>.024</u> | 11/13/06    | nom         |          |     |
|              | J) ASSEMBLE STOCK                                                     |                                           |             |             |             | 10-23-06    | BLC         |          |     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                           |                                           |             |             |             | 11-16-06    | L.P.D.      |          |     |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                              |                                           |             |             |             | 10-23-06    | BLC         |          |     |
|              | M) IRON SIGHT<br>ALIGNMENT                                            |                                           |             |             |             | 10-23-06    | BLC         |          |     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER |                                           |             |             |             | 10-23-06    | BLC         |          |     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                           |                                           | <u>PASS</u> | FAIL        |             |             |             |          |     |
|              |                                                                       |                                           | <u>PASS</u> | FAIL        |             | 10-24-06    | TRW         |          |     |
|              | MALFUNCTION                                                           |                                           | CORRECTION  |             |             |             |             |          |     |
|              | MALFUNCTION                                                           |                                           | CORRECTION  |             |             |             |             |          |     |
|              | MALFUNCTION                                                           |                                           | CORRECTION  |             |             |             |             |          |     |
|              | MALFUNCTION                                                           |                                           | CORRECTION  |             |             |             |             |          |     |
| 660          | INSPECT FOR LIVE AMMO                                                 |                                           |             |             |             | 10-24-06    | RP          |          |     |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                      |                                           |             |             |             | 11-16-06    | L.P.D.      |          |     |
|              | B) TRIGGER PULL                                                       | +/- .5 LBS<br>MIN 2.50 LBS<br>MAX 4.0 LBS | <u>2.67</u> | <u>2.39</u> | <u>2.34</u> | <u>2.25</u> | <u>2.19</u> | 11/12/06 | nom |
|              | C) FUNCTION                                                           |                                           |             |             |             | 11-16-06    | L.P.D.      |          |     |
| 690          | PACK                                                                  |                                           |             |             |             | 11/13/06    | RA          |          |     |

F004 REV 5/2006

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 10/09/06

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



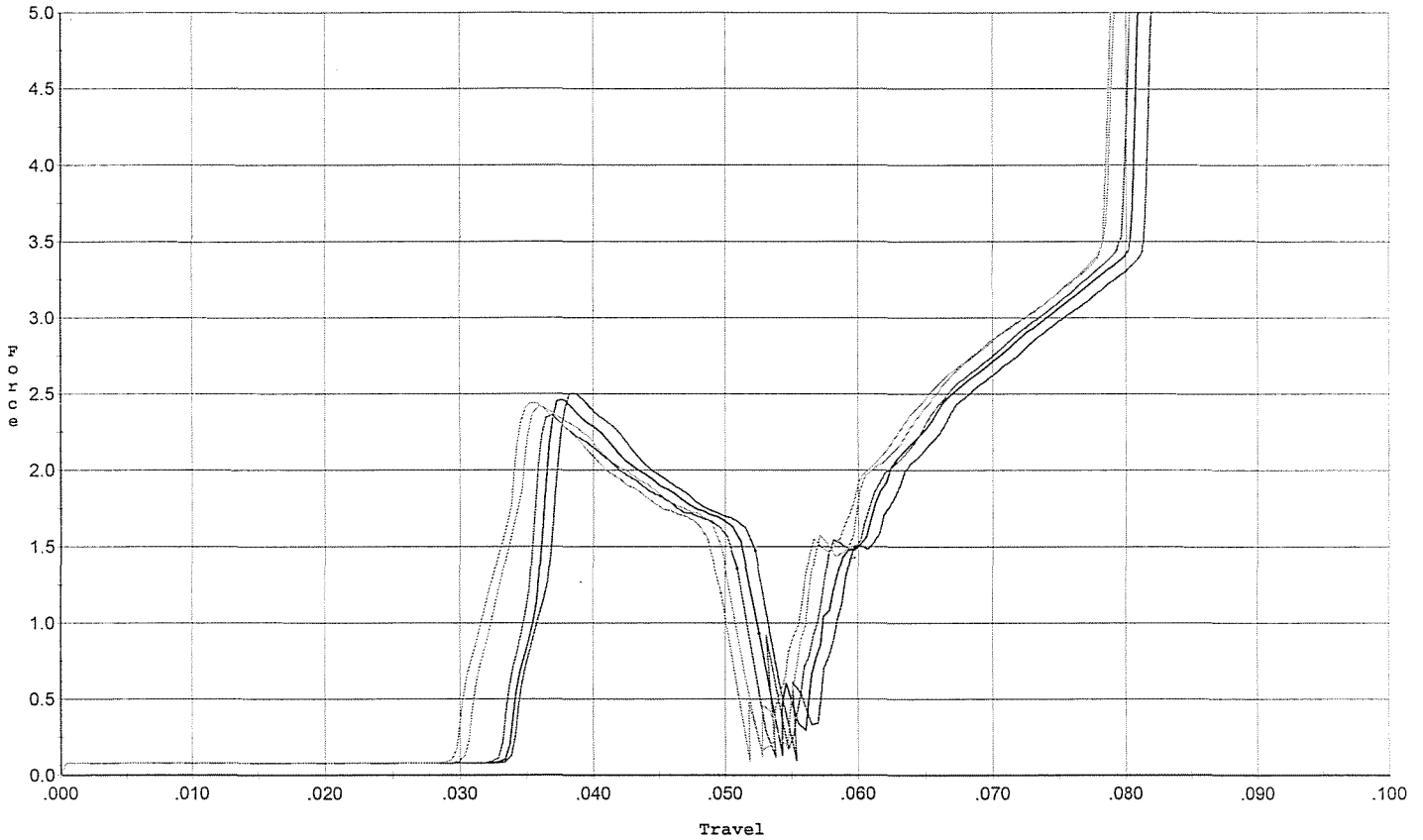
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.430      | 0.054             | 0.035           | 0.037      | 0.032             |           | Set Trigger |
| 2 | 2.344      | 0.053             | 0.035           | 0.037      | 0.030             |           | Set Trigger |
| 3 | 2.261      | 0.053             | 0.034           | 0.036      | 0.032             |           | Set Trigger |
| 4 | 2.289      | 0.053             | 0.033           | 0.036      | 0.032             |           | Set Trigger |
| 5 | 2.644      | 0.053             | 0.033           | 0.036      | 0.034             |           | Set Trigger |

AUG 2.39

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 10/09/06

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



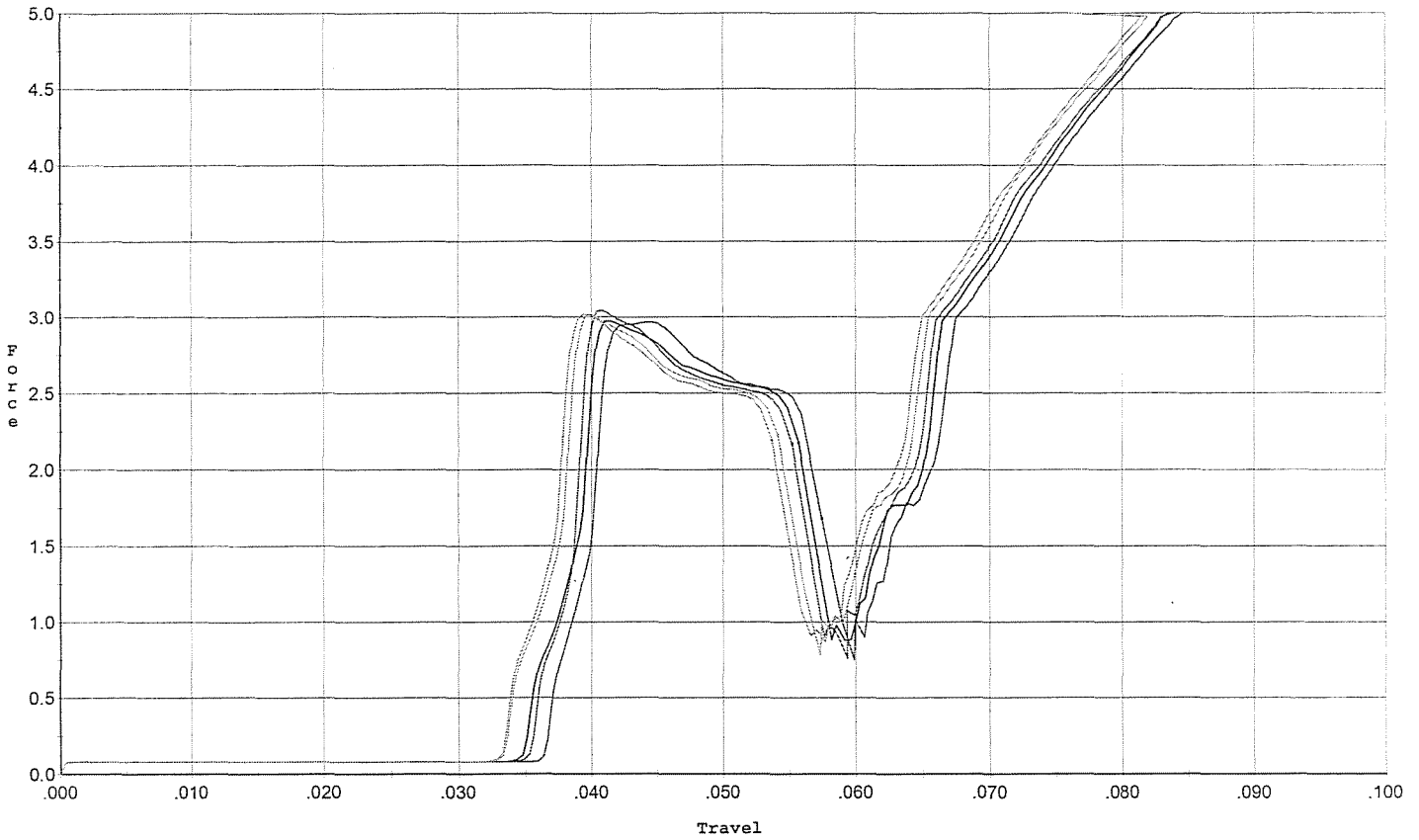
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.501      | 0.052             | 0.034           | 0.036      | 0.037             |           | Set Trigger |
| 2 | 2.464      | 0.053             | 0.034           | 0.035      | 0.036             |           | Set Trigger |
| 3 | 2.363      | 0.051             | 0.033           | 0.035      | 0.035             |           | Set Trigger |
| 4 | 2.418      | 0.050             | 0.031           | 0.034      | 0.038             |           | Set Trigger |
| 5 | 2.443      | 0.050             | 0.030           | 0.034      | 0.038             |           | Set Trigger |

AUG 2.43

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 10/09/06

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



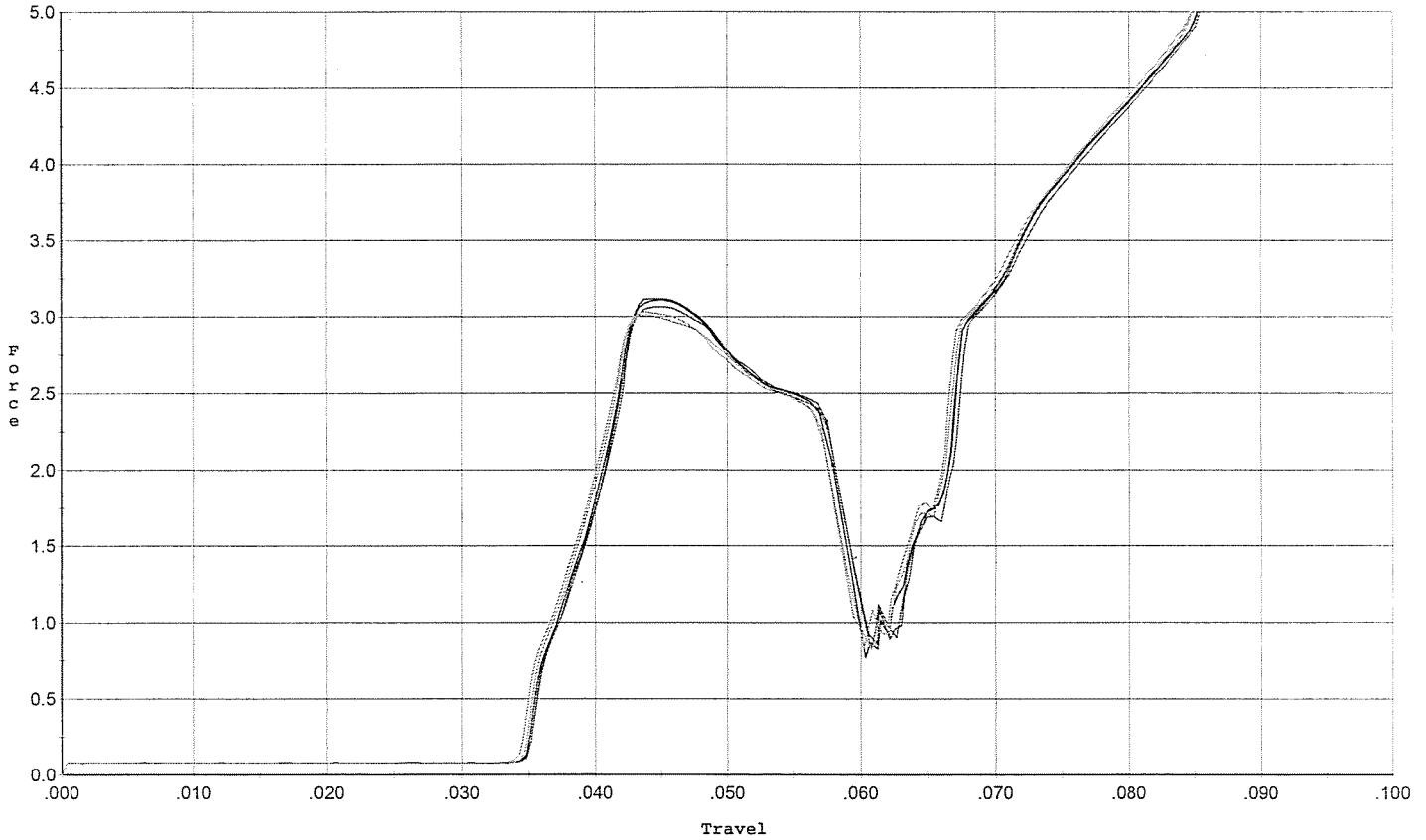
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.965      | 0.057             | 0.037           | 0.035      | 0.052             |           | Set Trigger |
| 2 | 2.973      | 0.056             | 0.035           | 0.035      | 0.052             |           | Set Trigger |
| 3 | 3.045      | 0.055             | 0.036           | 0.035      | 0.051             |           | Set Trigger |
| 4 | 3.019      | 0.054             | 0.034           | 0.034      | 0.051             |           | Set Trigger |
| 5 | 3.018      | 0.054             | 0.034           | 0.034      | 0.051             |           | Set Trigger |

AUG 3.00

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 10/09/06

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



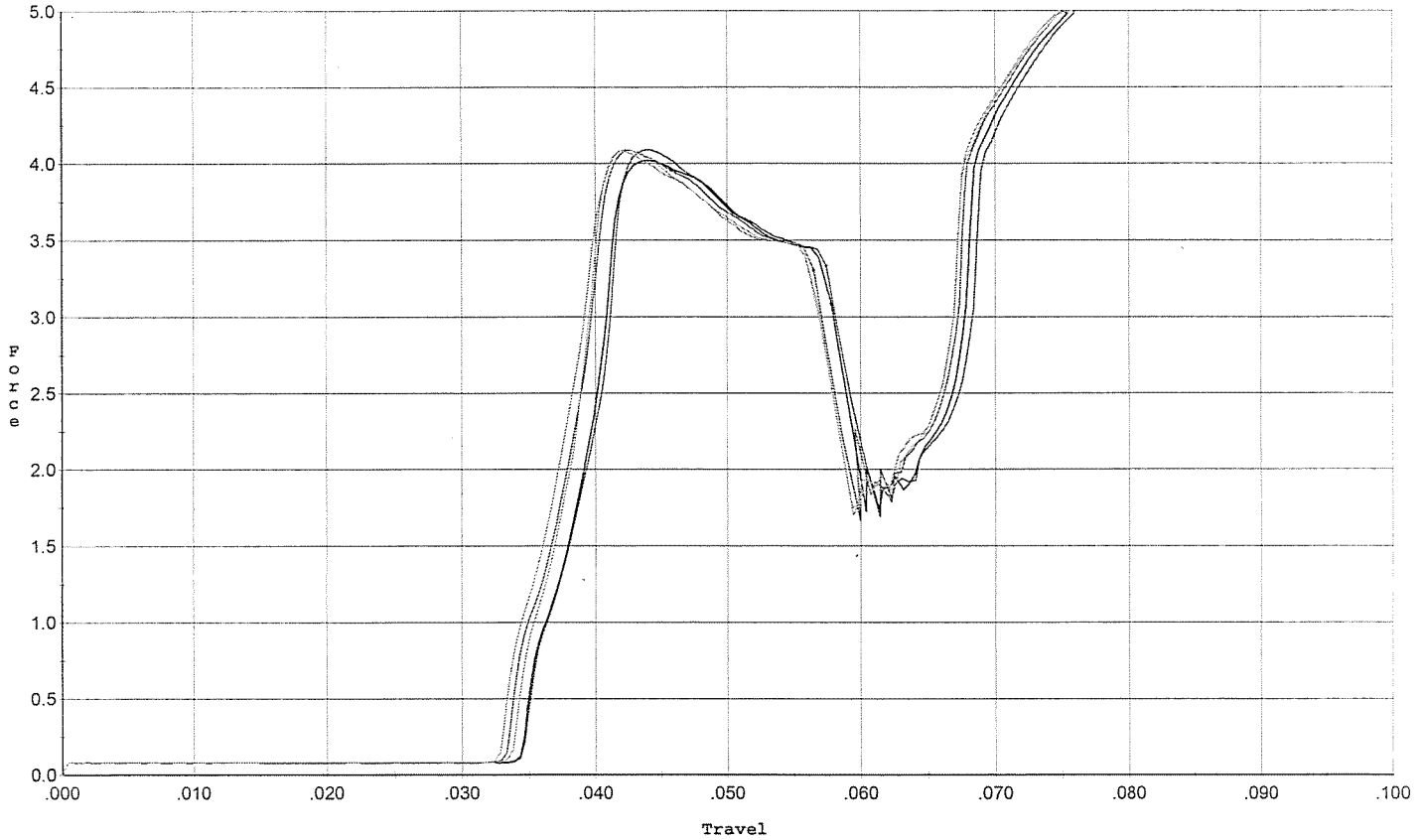
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.118      | 0.057             | 0.035           | 0.034      | 0.057             |           | Set Trigger |
| 2 | 3.109      | 0.058             | 0.035           | 0.034      | 0.057             |           | Set Trigger |
| 3 | 3.064      | 0.058             | 0.035           | 0.034      | 0.056             |           | Set Trigger |
| 4 | 3.032      | 0.057             | 0.035           | 0.034      | 0.056             |           | Set Trigger |
| 5 | 3.013      | 0.057             | 0.035           | 0.034      | 0.056             |           | Set Trigger |

AVG 3.06

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 10/09/06

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



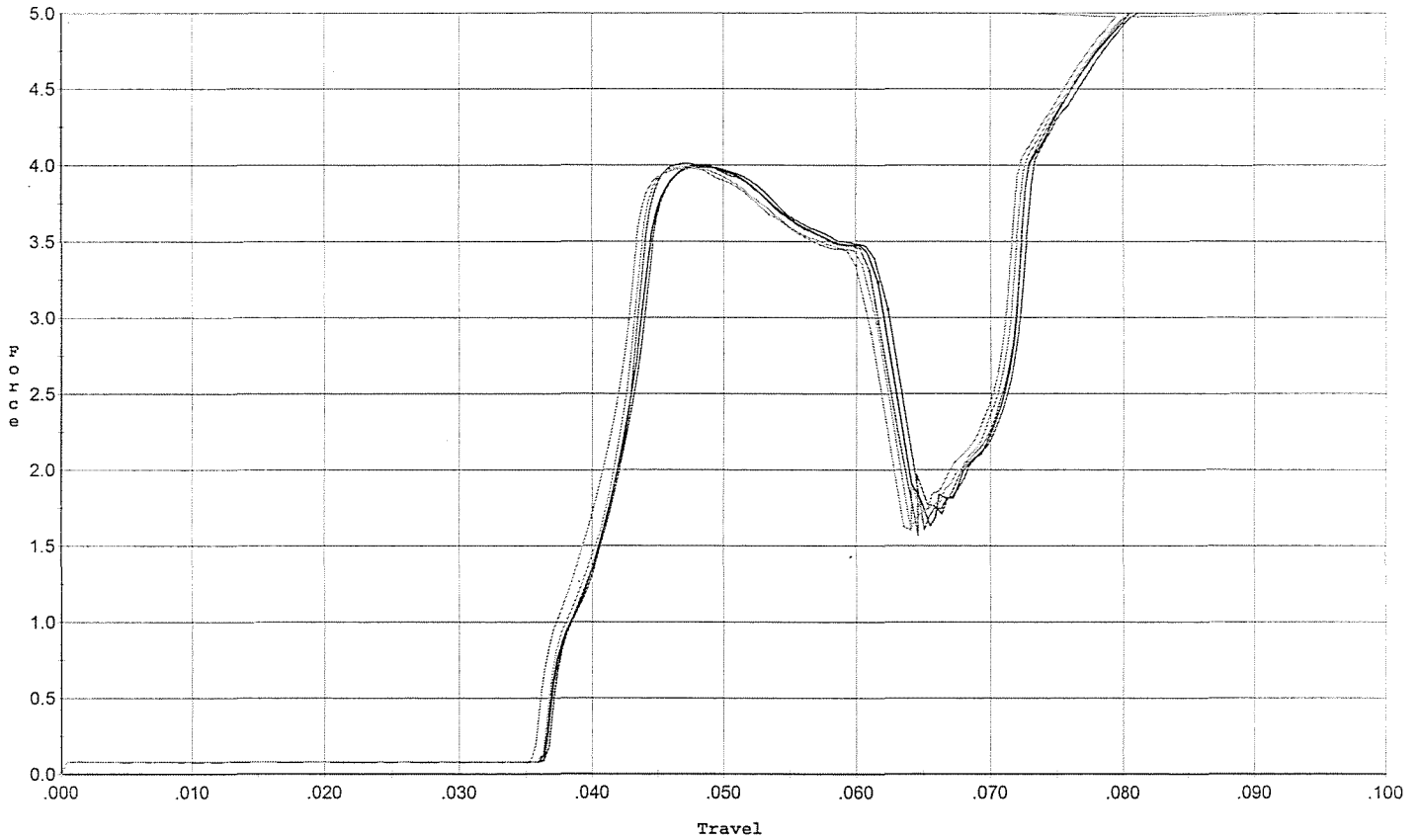
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.088      | 0.057             | 0.035           | 0.029      | 0.076             |           | Set Trigger |
| 2 | 4.022      | 0.058             | 0.035           | 0.028      | 0.077             |           | Set Trigger |
| 3 | 4.083      | 0.056             | 0.034           | 0.029      | 0.077             |           | Set Trigger |
| 4 | 4.081      | 0.057             | 0.034           | 0.029      | 0.077             |           | Set Trigger |
| 5 | 4.092      | 0.057             | 0.033           | 0.029      | 0.079             |           | Set Trigger |

AUG 4.07

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 10/09/06

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



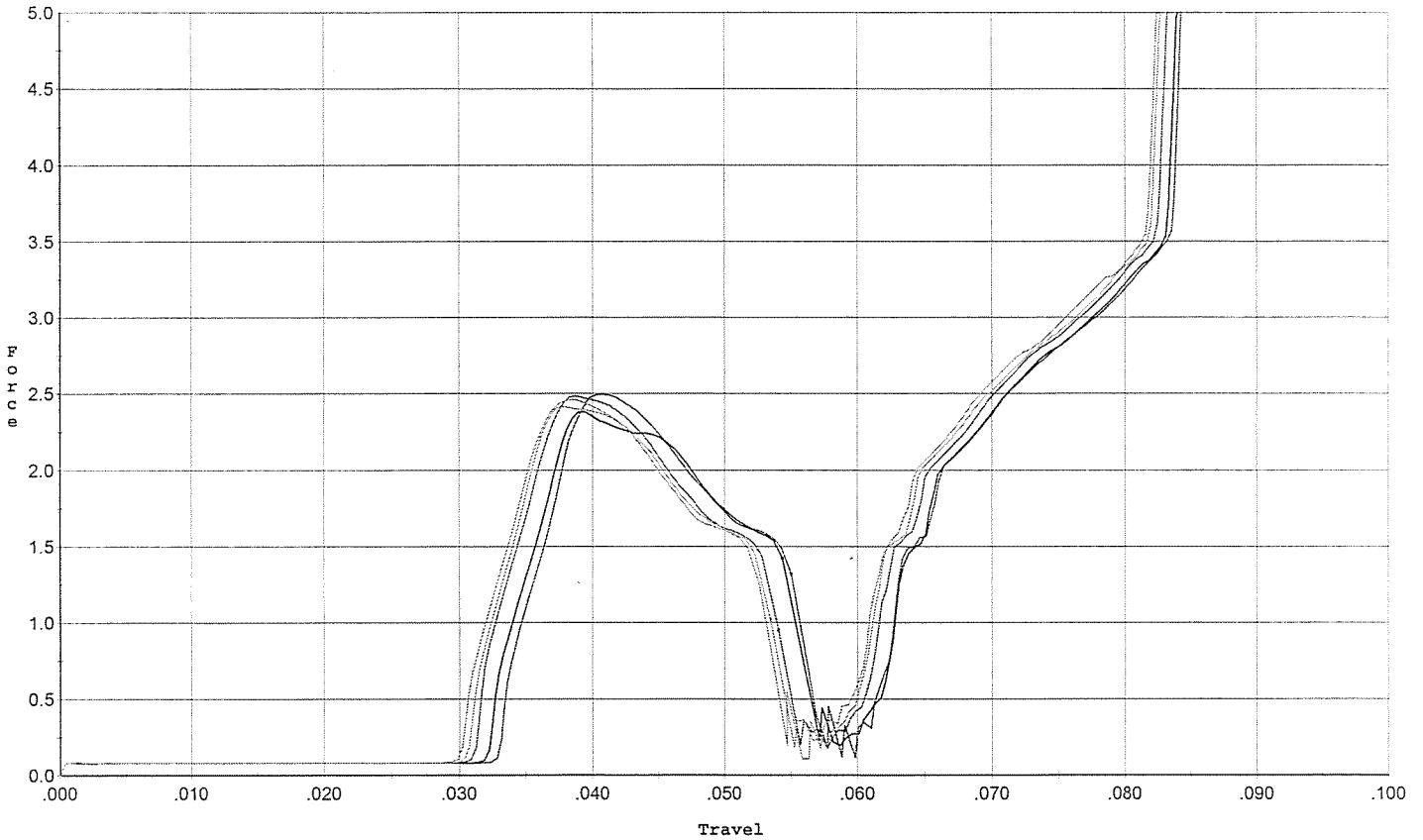
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.988      | 0.062             | 0.037           | 0.030      | 0.084             |           | Set Trigger |
| 2 | 3.998      | 0.062             | 0.037           | 0.030      | 0.082             |           | Set Trigger |
| 3 | 4.011      | 0.061             | 0.037           | 0.030      | 0.081             |           | Set Trigger |
| 4 | 3.988      | 0.061             | 0.036           | 0.030      | 0.082             |           | Set Trigger |
| 5 | 3.978      | 0.061             | 0.036           | 0.030      | 0.082             |           | Set Trigger |

AVG 3.99

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 10/09/06

Model: M/24  
Serial No: Form #F005  
Trigger: reset to 2.5 for final test



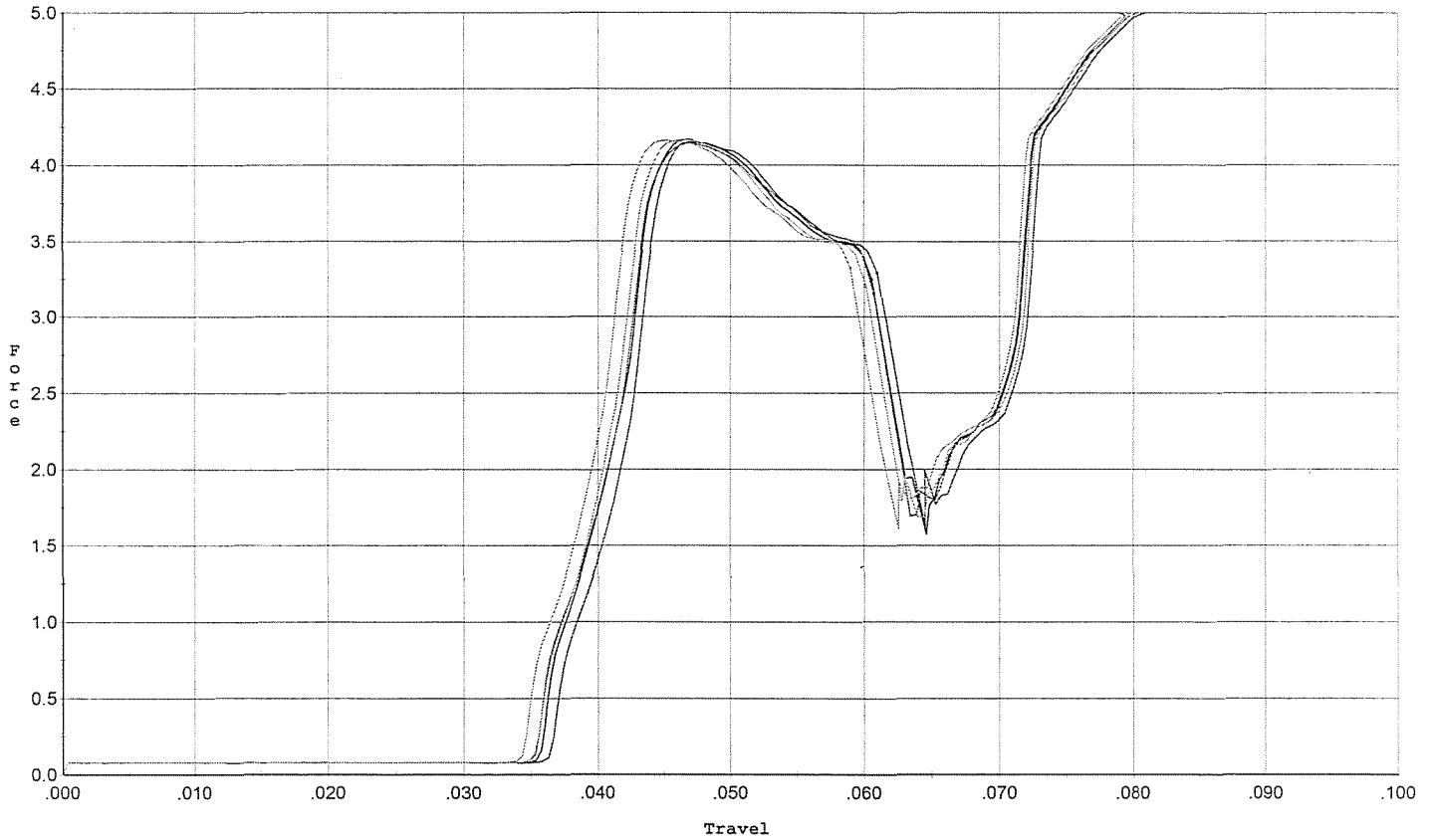
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.495      | 0.055             | 0.033           | 0.035      | 0.043             |           | Set Trigger |
| 2 | 2.382      | 0.054             | 0.032           | 0.035      | 0.043             |           | Set Trigger |
| 3 | 2.485      | 0.054             | 0.031           | 0.035      | 0.044             |           | Set Trigger |
| 4 | 2.414      | 0.053             | 0.031           | 0.035      | 0.044             |           | Set Trigger |
| 5 | 2.458      | 0.053             | 0.030           | 0.035      | 0.044             |           | Set Trigger |

AVG 2.44

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 10/09/06

Model: M/24  
Serial No: Form #F005  
Trigger: reset to 4.0 for target & accuracy



| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.154      | 0.061             | 0.037           | 0.028      | 0.082             |           | Set Trigger |
| 2 | 4.169      | 0.061             | 0.036           | 0.028      | 0.083             |           | Set Trigger |
| 3 | 4.145      | 0.061             | 0.036           | 0.028      | 0.084             |           | Set Trigger |
| 4 | 4.168      | 0.060             | 0.036           | 0.028      | 0.083             |           | Set Trigger |
| 5 | 4.162      | 0.059             | 0.035           | 0.029      | 0.083             |           | Set Trigger |

AVG 4.16

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577311.\_\_\_0

FILE DATE AND TIME: 10/25/2006 14:54

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.248  |
| The Average Y Centroid of the Five Target Set:              | -0.072 |
| The Average Point of Impact of the Five Target Set:         | 0.259  |
| The Average Mean Radius of the Five Target Set:             | 0.707  |
| The Distance from POA to Centroid Target #1:                | 0.268  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.196  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.388  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.205  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.658  |

SERIAL NUMBER: G6577311. \_\_0

TARGET NUMBER: 1

FILE DATE: 10/25/2006

FILE TIME: 14:54

X CENTROID: 0.241

Y CENTROID: 0.117

POA TO CENTROID: 0.268

HORZ SPREAD: 1.407

VERT SPREAD: 2.252

GROUP SPREAD: 2.287

MIN RADIUS: 0.259

MAX RADIUS: 1.308

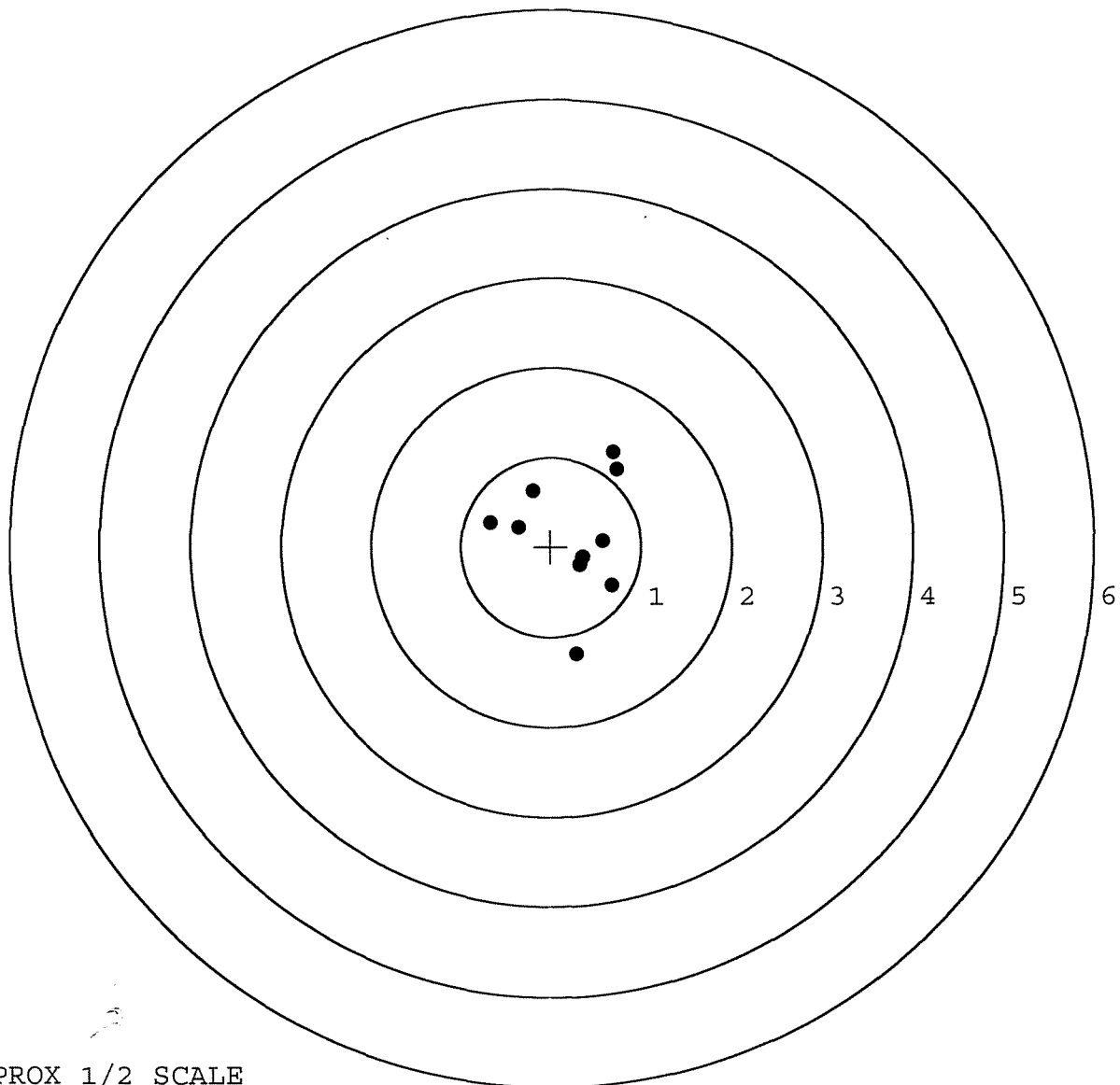
MEAN RADIUS: 0.710

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.692  | 1.062  |
| 2:     | 0.732  | 0.869  |
| 3:     | 0.579  | 0.068  |
| 4:     | 0.322  | -0.205 |
| 5:     | 0.358  | -0.114 |
| 6:     | 0.677  | -0.427 |
| 7:     | 0.291  | -1.190 |
| 8:     | -0.675 | 0.267  |
| 9:     | -0.365 | 0.216  |
| 10:    | -0.205 | 0.625  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577311. \_\_0

TARGET NUMBER: 2

FILE DATE: 10/25/2006

FILE TIME: 14:54

X CENTROID: 0.255

Y CENTROID: -0.078

POA TO CENTROID: 0.267

HORZ SPREAD: 2.150

VERT SPREAD: 2.018

GROUP SPREAD: 2.455

MIN RADIUS: 0.090

MAX RADIUS: 1.410

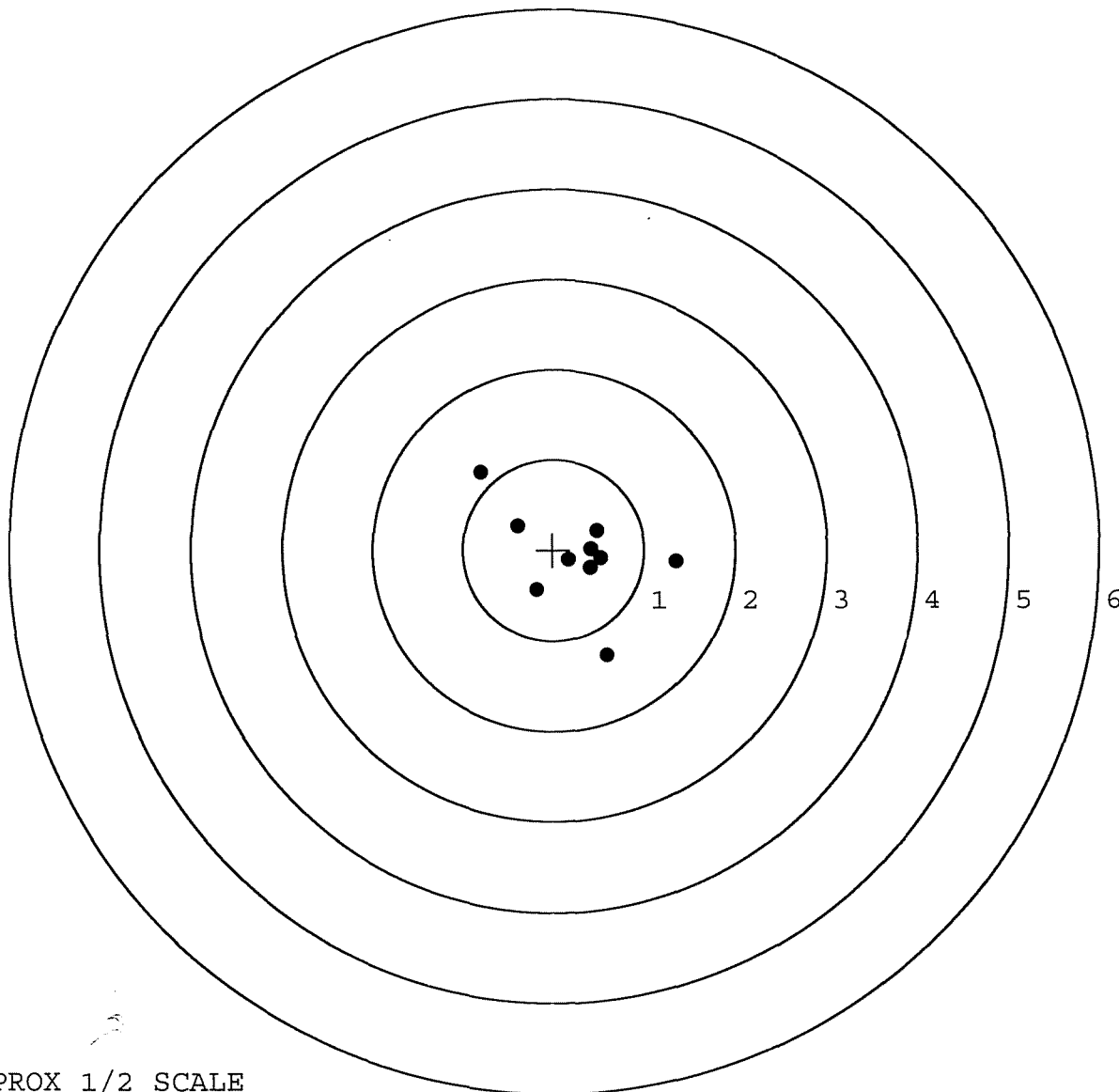
MEAN RADIUS: 0.606

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.803 | 0.854  |
| 2:     | -0.398 | 0.263  |
| 3:     | 1.347  | -0.133 |
| 4:     | 0.595  | -1.164 |
| 5:     | -0.181 | -0.446 |
| 6:     | 0.170  | -0.107 |
| 7:     | 0.410  | -0.194 |
| 8:     | 0.417  | 0.018  |
| 9:     | 0.474  | 0.219  |
| 10:    | 0.524  | -0.090 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577311. 0

TARGET NUMBER: 3

FILE DATE: 10/25/2006

FILE TIME: 14:54

X CENTROID: -0.057

Y CENTROID: -0.132

POA TO CENTROID: 0.144

HORZ SPREAD: 1.707

VERT SPREAD: 1.737

GROUP SPREAD: 1.971

MIN RADIUS: 0.229

MAX RADIUS: 1.036

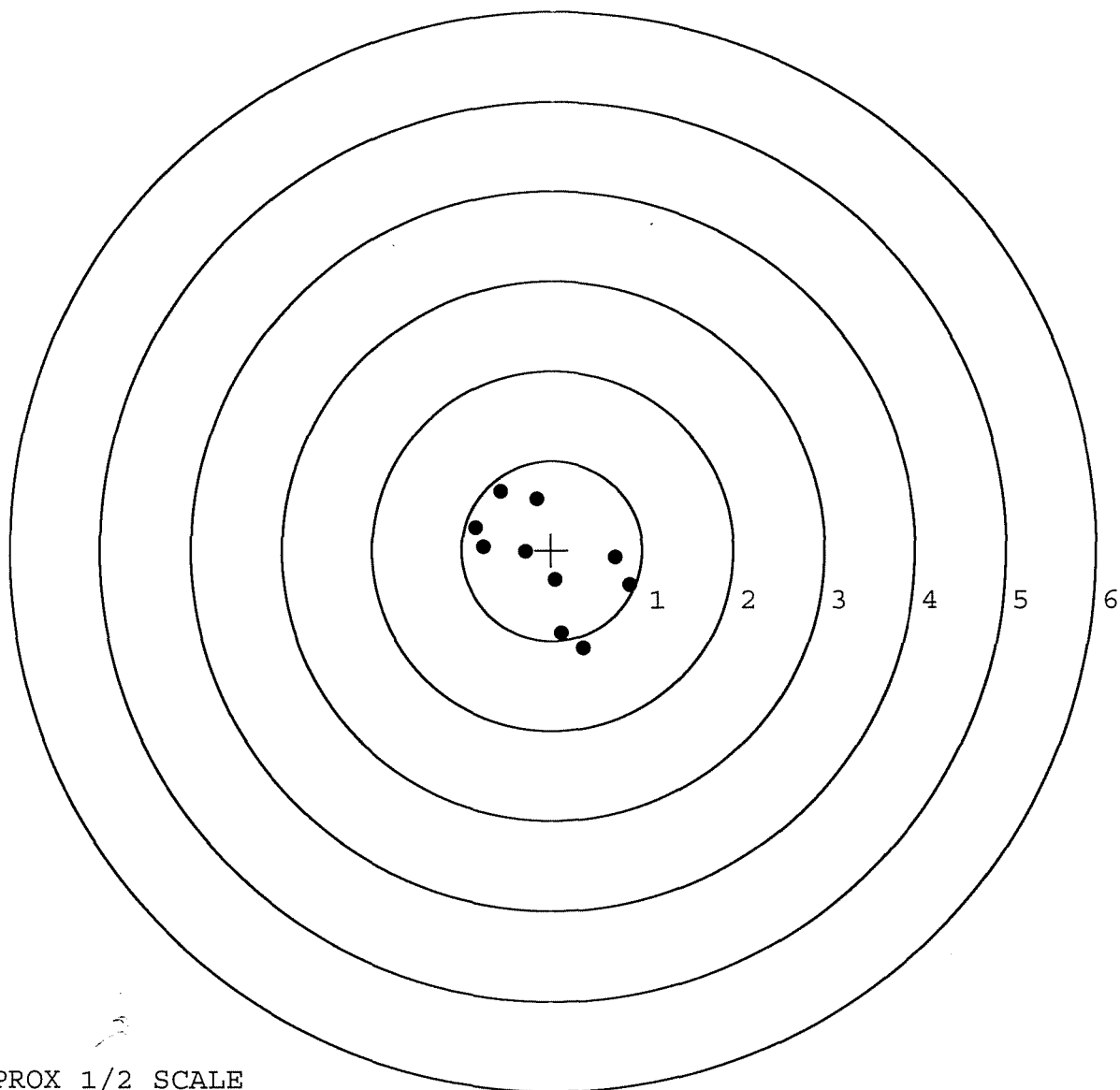
MEAN RADIUS: 0.730

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.705  | -0.081 |
| 2:     | 0.860  | -0.387 |
| 3:     | 0.041  | -0.339 |
| 4:     | -0.292 | -0.022 |
| 5:     | 0.107  | -0.922 |
| 6:     | 0.358  | -1.081 |
| 7:     | -0.758 | 0.039  |
| 8:     | -0.847 | 0.247  |
| 9:     | -0.573 | 0.656  |
| 10:    | -0.172 | 0.573  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577311. \_\_0

TARGET NUMBER: 4

FILE DATE: 10/25/2006

FILE TIME: 14:54

X CENTROID: 0.054

Y CENTROID: 0.032

POA TO CENTROID: 0.063

HORZ SPREAD: 2.025

VERT SPREAD: 1.909

GROUP SPREAD: 2.208

MIN RADIUS: 0.237

MAX RADIUS: 1.349

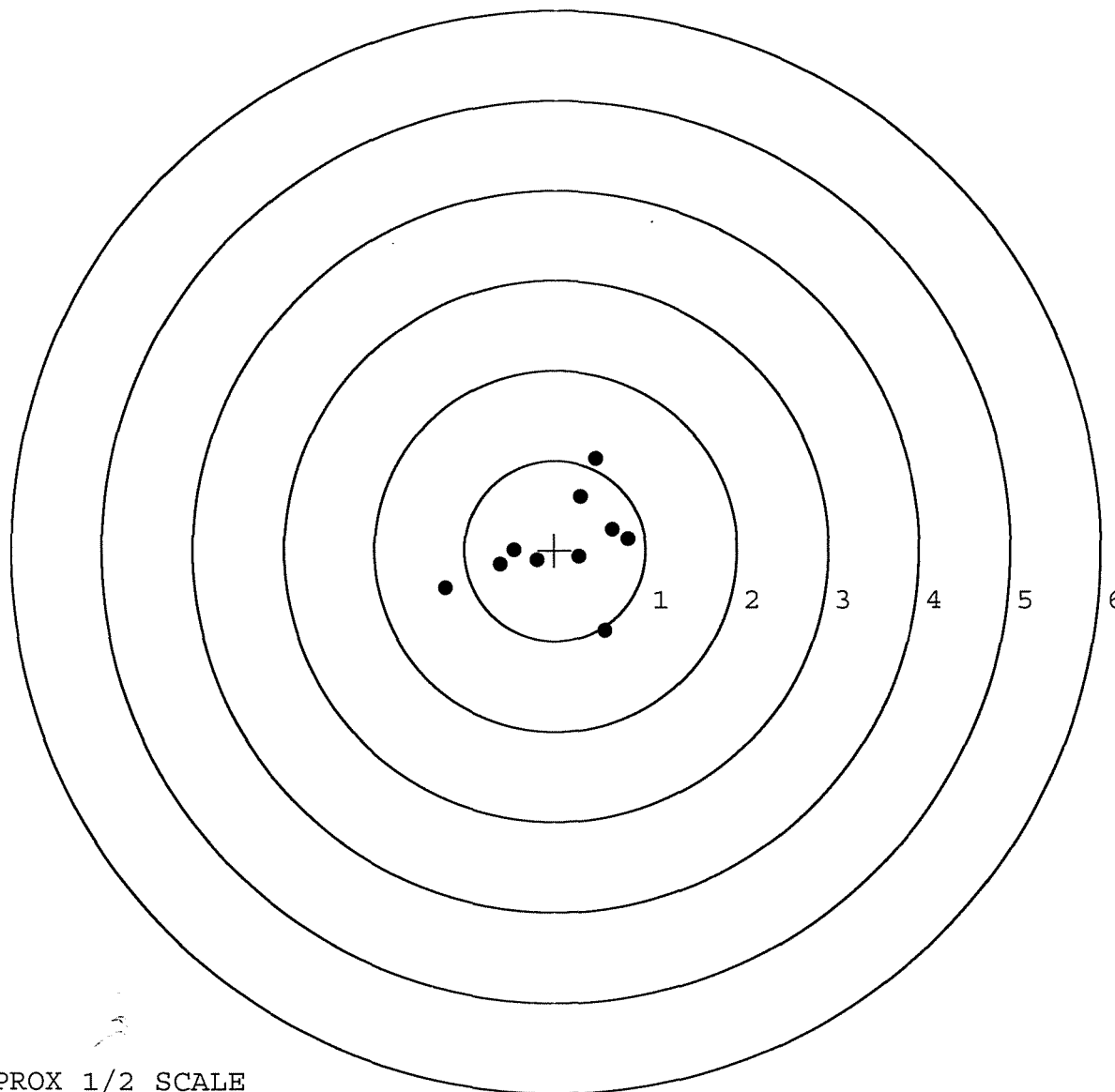
MEAN RADIUS: 0.717

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.450  | 1.022  |
| 2:     | 0.285  | 0.604  |
| 3:     | 0.633  | 0.240  |
| 4:     | 0.812  | 0.129  |
| 5:     | 0.268  | -0.068 |
| 6:     | 0.550  | -0.887 |
| 7:     | -0.196 | -0.117 |
| 8:     | -0.449 | -0.005 |
| 9:     | -0.601 | -0.162 |
| 10:    | -1.213 | -0.431 |

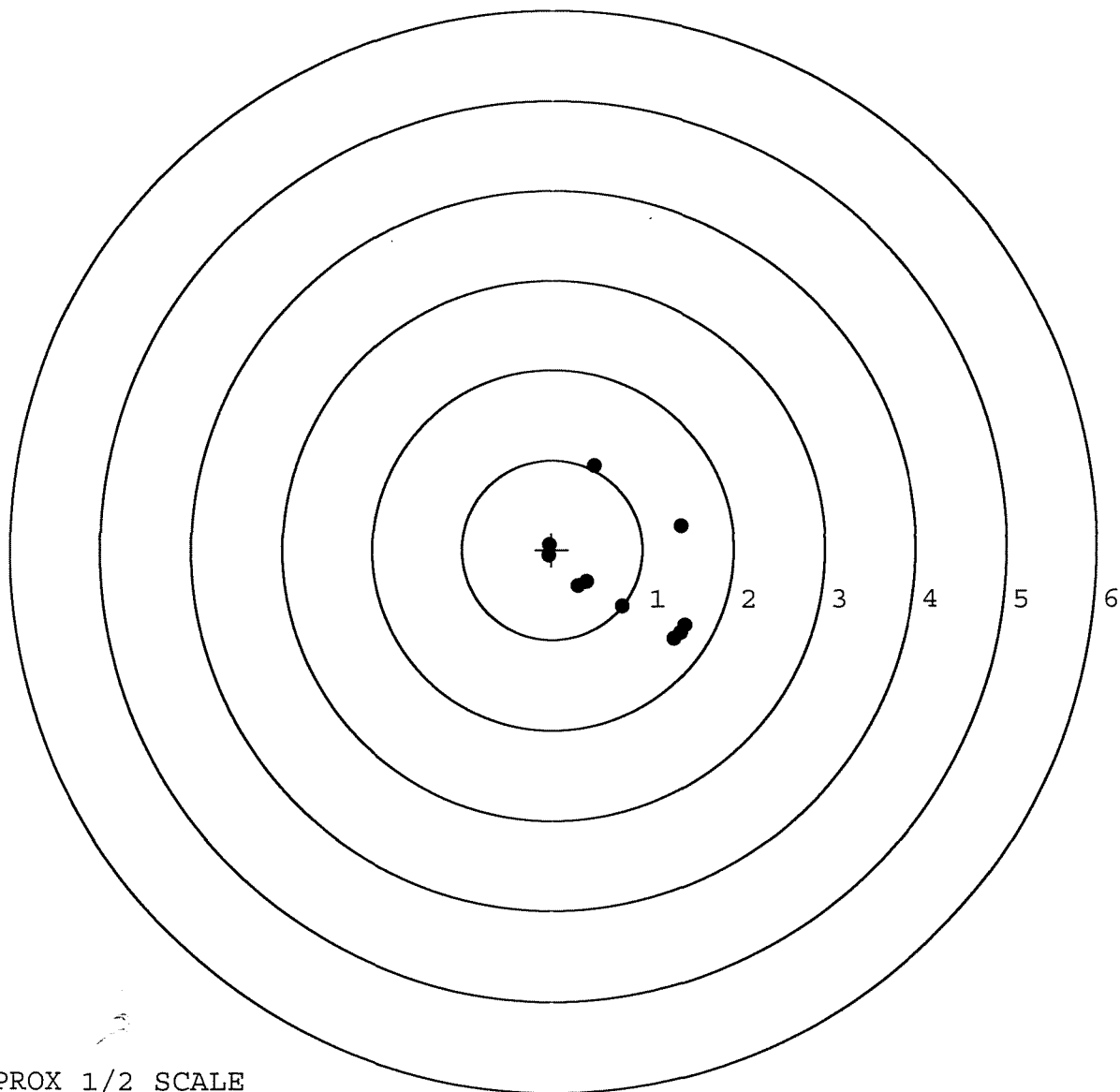


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577311.\_\_\_\_0  
TARGET NUMBER: 5  
FILE DATE: 10/25/2006  
FILE TIME: 14:54

X CENTROID: 0.749  
Y CENTROID: -0.301  
POA TO CENTROID: 0.807  
HORZ SPREAD: 1.498  
VERT SPREAD: 1.932  
GROUP SPREAD: 2.120  
MIN RADIUS: 0.340  
MAX RADIUS: 1.267  
MEAN RADIUS: 0.773  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.779  | -0.639 |
| 2:     | 0.470  | 0.935  |
| 3:     | 1.417  | 0.263  |
| 4:     | 1.460  | -0.850 |
| 5:     | 1.343  | -0.997 |
| 6:     | 0.383  | -0.363 |
| 7:     | -0.032 | 0.055  |
| 8:     | -0.038 | -0.071 |
| 9:     | 1.414  | -0.931 |
| 10:    | 0.293  | -0.410 |



TARGET APPROX 1/2 SCALE