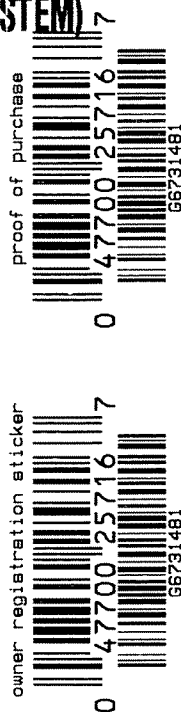


G673 1481

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

- INSTRUCTION BOOK 3518

**BM FORM**

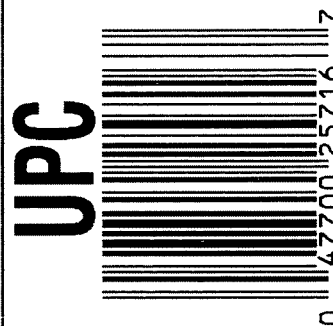


ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

**G6731481**



## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL #

66731481

| OP #         | OPERATION NAME                                                 | READINGS            | DATE    | INITIAL |
|--------------|----------------------------------------------------------------|---------------------|---------|---------|
| 410          | SERIALIZE BOLT HANDLE                                          |                     | 3-4-08  | LR      |
| 420          | ASSEMBLE ACTION                                                |                     | 3-4-08  | LR      |
| 430          | ASSEMBLE TO STOCK                                              |                     | 3-4-08  | TRW     |
| 440          | PROOF                                                          |                     | 3-4-08  | TRW     |
| 460          | CHECK HEADSPACE                                                |                     | 3-4-08  | TRW     |
| 470          | DIS-ASSEMBLE ACTION                                            |                     | 3-5-08  | TRW     |
| 480          | MAGNAFLUX BBL ACTION                                           |                     | 3/6/08  | LR      |
| 490          | MAGNAFLUX BOLT                                                 |                     |         |         |
| 500          | ROLLMARK CALIBER                                               |                     | 3-5-08  | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                   |                     | 3-5-08  | TRW     |
| 520          | GOFF BLAST BBL / REC                                           |                     | 3-7-08  | DL      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                              |                     | 3-17-08 | CW      |
|              | (BOLT)                                                         |                     |         |         |
| 560          | RE-ASSEMBLE ACTION                                             |                     |         |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                            |                     | 3-18-08 | Fm      |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD |                     | 3-18-08 | Fm      |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                         |                     | 3-18-08 | Fm      |
|              | D) OIL FIRING PIN ASSEMBLY                                     |                     | 3-20-08 | LR      |
|              | E) ADJUST TRIGGER PULL<br>TO MIN. SETTING AND<br>STAKE         | 2.50 LBS +/- .5 LBS |         |         |

F004 REV 5/2006

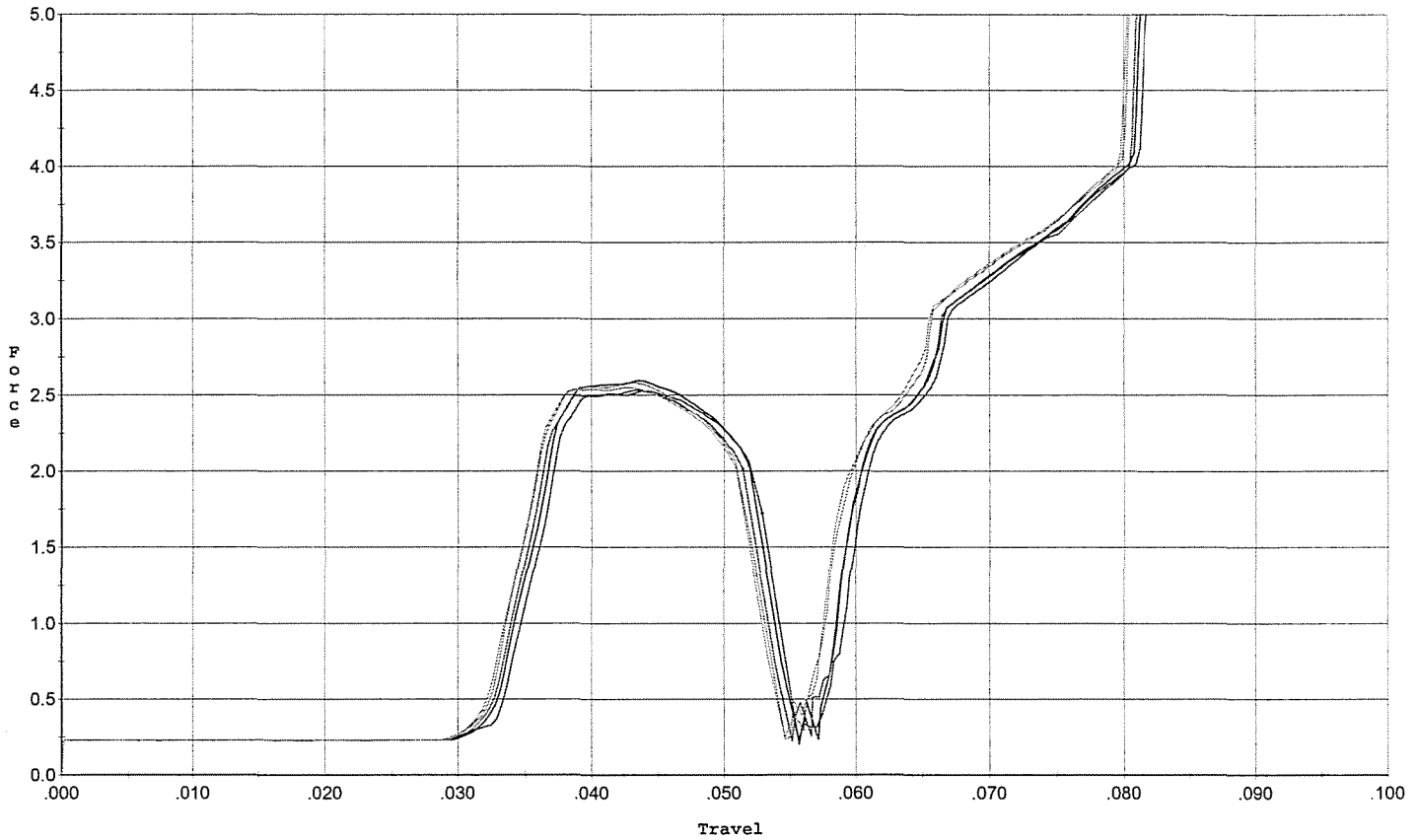
|              |                                                                       |                                           |                                                             |         |     |
|--------------|-----------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------|---------|-----|
| 560          | F) SAFETY ON FORCE                                                    | 2 LBS MIN<br>10 LBS MAX                   | <u>6</u> <u>6.5</u> <u>6.5</u>                              | 4-2-08  | Fm  |
| CONT.        |                                                                       |                                           |                                                             |         |     |
|              | G) SAFETY OFF FORCE                                                   | 2 LBS MIN                                 | <u>5</u> <u>5</u> <u>4.5</u>                                | 4-2-08  | Fm  |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                             |                                           |                                                             |         |     |
|              | I) FIRING PIN INDENT                                                  | .020 MIN                                  | <u>.021</u> <u>.022</u> <u>.021</u>                         | 4-2-08  | Fm  |
|              | J) ASSEMBLE STOCK                                                     |                                           |                                                             | 3-28-08 | RTL |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                           |                                           |                                                             | 4-2-08  | Fm  |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                              |                                           |                                                             | 4-9-08  | RPD |
|              | M) IRON SIGHT<br>ALIGNMENT                                            |                                           |                                                             | 4-9-08  | RPD |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER |                                           |                                                             | 4-9-08  | RPD |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                           |                                           | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 3-28-08 | TRW |
|              | MALFUNCTION                                                           |                                           | CORRECTION                                                  |         |     |
|              | MALFUNCTION                                                           |                                           | CORRECTION                                                  |         |     |
|              | MALFUNCTION                                                           |                                           | CORRECTION                                                  |         |     |
|              | MALFUNCTION                                                           |                                           | CORRECTION                                                  |         |     |
| 660          | INSPECT FOR LIVE AMMO                                                 |                                           |                                                             | 3-28-08 | RP  |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                      |                                           |                                                             | 4-9-08  | RTL |
|              | B) TRIGGER PULL                                                       | +/- .5 LBS<br>MIN 2.50 LBS<br>MAX 4.0 LBS | <u>2.69</u> <u>2.56</u> <u>2.62</u> <u>2.58</u> <u>2.60</u> | 4-9-08  | RTL |
|              | C) FUNCTION                                                           |                                           |                                                             | 4-9-08  | RTL |
| 690          | PACK                                                                  |                                           |                                                             | 4/14/08 | Fm  |

F004 REV 5/2006

# Trigger Profile [ lbs,inch ]

**Profile** SWS  
**GunType:** Rifle  
**Make:** Remington  
**Note:** R. Putch 1/16/08

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



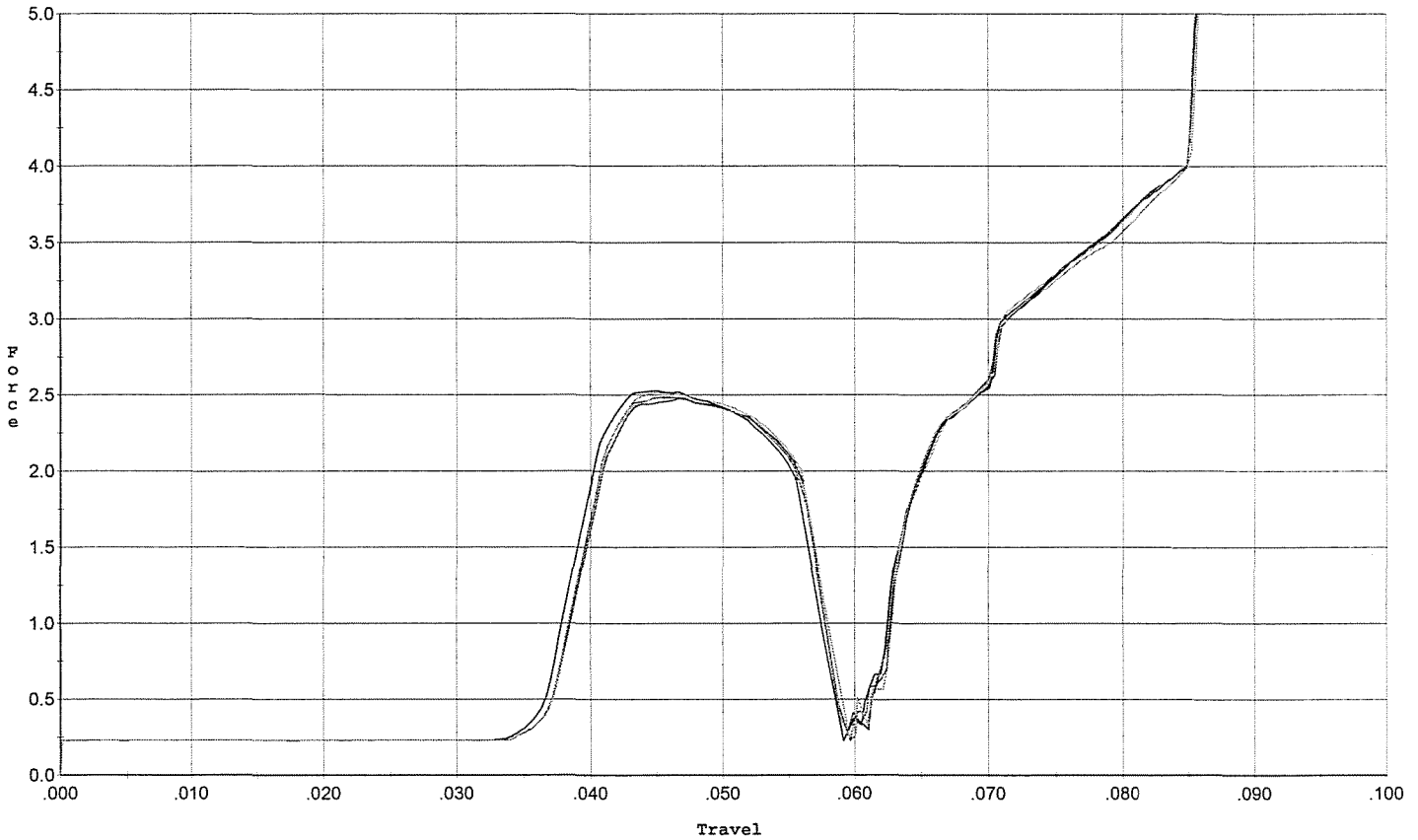
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.528      | 0.053             | 0.033           | 0.035      | 0.050             |           | Set Trigger |
| 2 | 2.596      | 0.052             | 0.033           | 0.034      | 0.050             |           | Set Trigger |
| 3 | 2.532      | 0.051             | 0.032           | 0.034      | 0.049             |           | Set Trigger |
| 4 | 2.550      | 0.051             | 0.032           | 0.034      | 0.049             |           | Set Trigger |
| 5 | 2.583      | 0.052             | 0.032           | 0.034      | 0.051             |           | Set Trigger |

AVG 2.55

# Trigger Profile [ lbs,inch ]

**Profile:** SWS  
**GunType:** Rifle  
**Make:** Remington  
**Note:** R. Putch 1/16/08

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



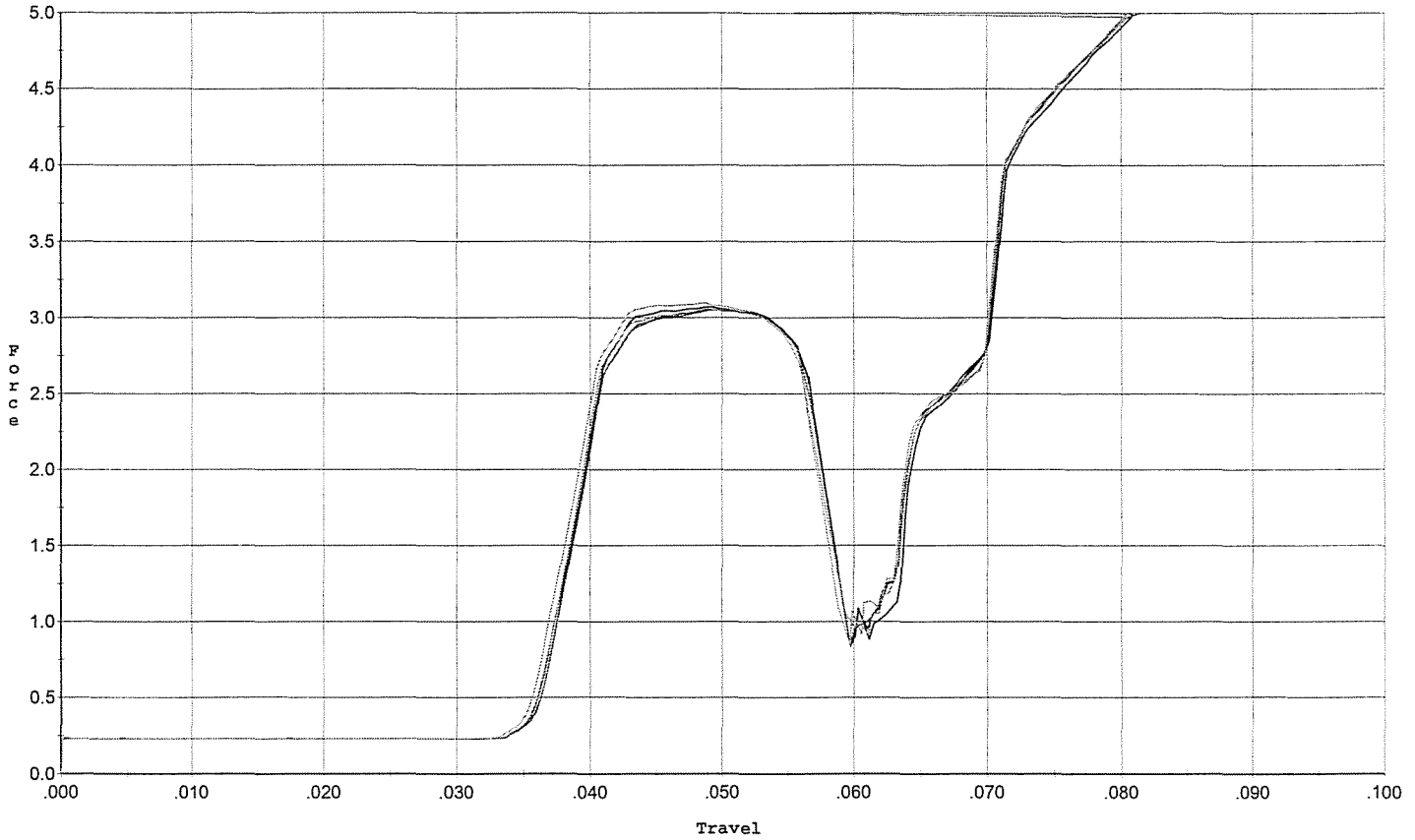
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.477      | 0.056             | 0.037           | 0.036      | 0.050             |           | Set Trigger |
| 2 | 2.526      | 0.056             | 0.036           | 0.036      | 0.050             |           | Set Trigger |
| 3 | 2.482      | 0.056             | 0.037           | 0.036      | 0.050             |           | Set Trigger |
| 4 | 2.492      | 0.056             | 0.037           | 0.036      | 0.050             |           | Set Trigger |
| 5 | 2.513      | 0.056             | 0.037           | 0.036      | 0.050             |           | Set Trigger |

AVG 2.49

# Trigger Profile [ lbs,inch ]

**Profile:** SWS  
**GunType:** Rifle  
**Make:** Remington  
**Note:** R. Putsch 1/16/08

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



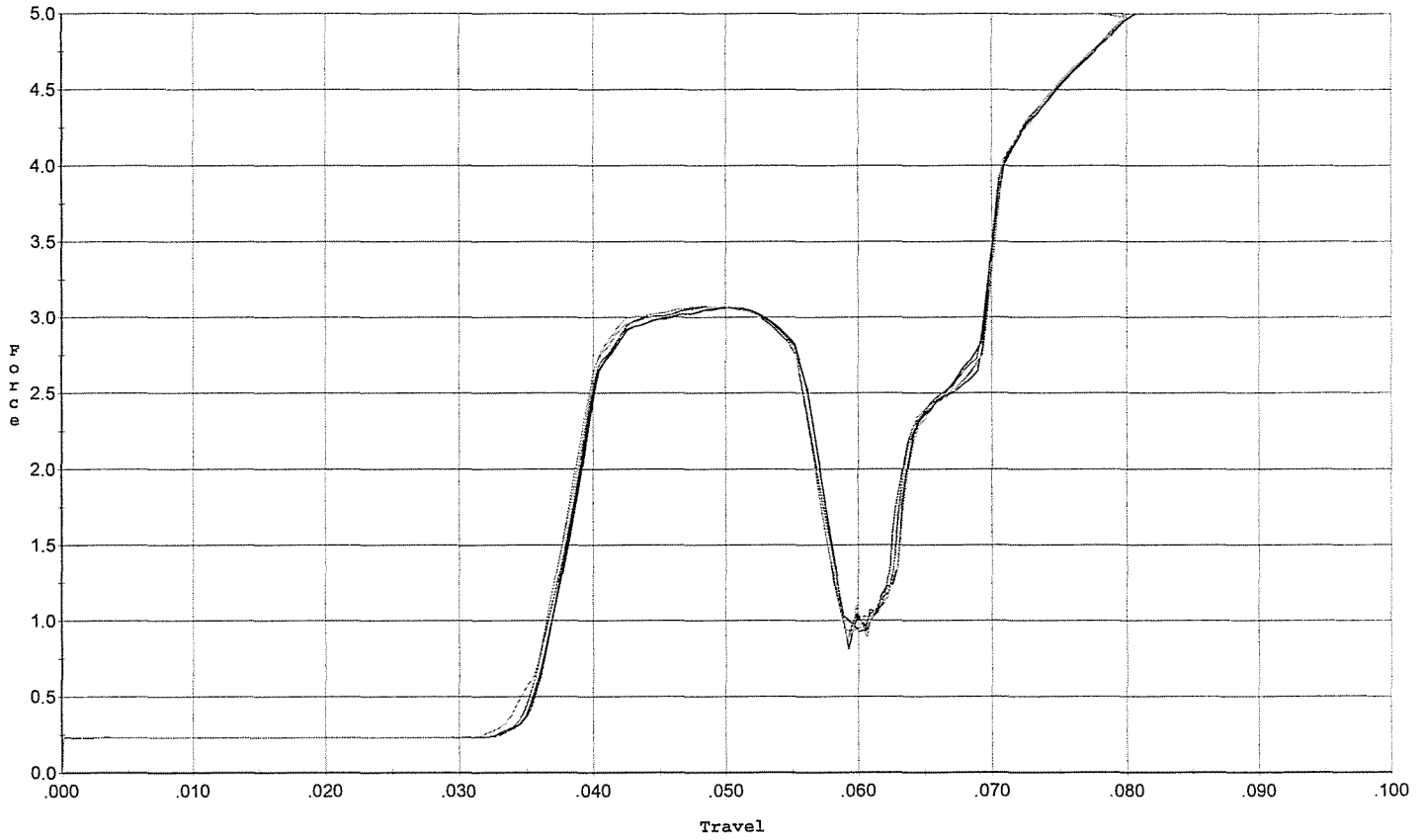
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.055      | 0.057             | 0.036           | 0.034      | 0.063             |           | Set Trigger |
| 2 | 3.070      | 0.057             | 0.036           | 0.035      | 0.064             |           | Set Trigger |
| 3 | 3.050      | 0.057             | 0.036           | 0.034      | 0.063             |           | Set Trigger |
| 4 | 3.095      | 0.056             | 0.035           | 0.035      | 0.064             |           | Set Trigger |
| 5 | 3.061      | 0.056             | 0.036           | 0.035      | 0.062             |           | Set Trigger |

AVG 3.06

# Trigger Profile [ lbs,inch ]

**Profile** SWS  
**GunType:** Rifle  
**Make:** Remington  
**Note:** R. Putch 1/16/08

**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 | 3.068      | 0.055             | 0.035           | 0.035      | 0.062             |           | Set Trigger |
| 2 | 3.068      | 0.056             | 0.035           | 0.034      | 0.063             |           | Set Trigger |
| 3 | 3.064      | 0.055             | 0.035           | 0.034      | 0.062             |           | Set Trigger |
| 4 | 3.071      | 0.055             | 0.034           | 0.034      | 0.063             |           | Set Trigger |
| 5 | 3.072      | 0.055             | 0.035           | 0.034      | 0.063             |           | Set Trigger |

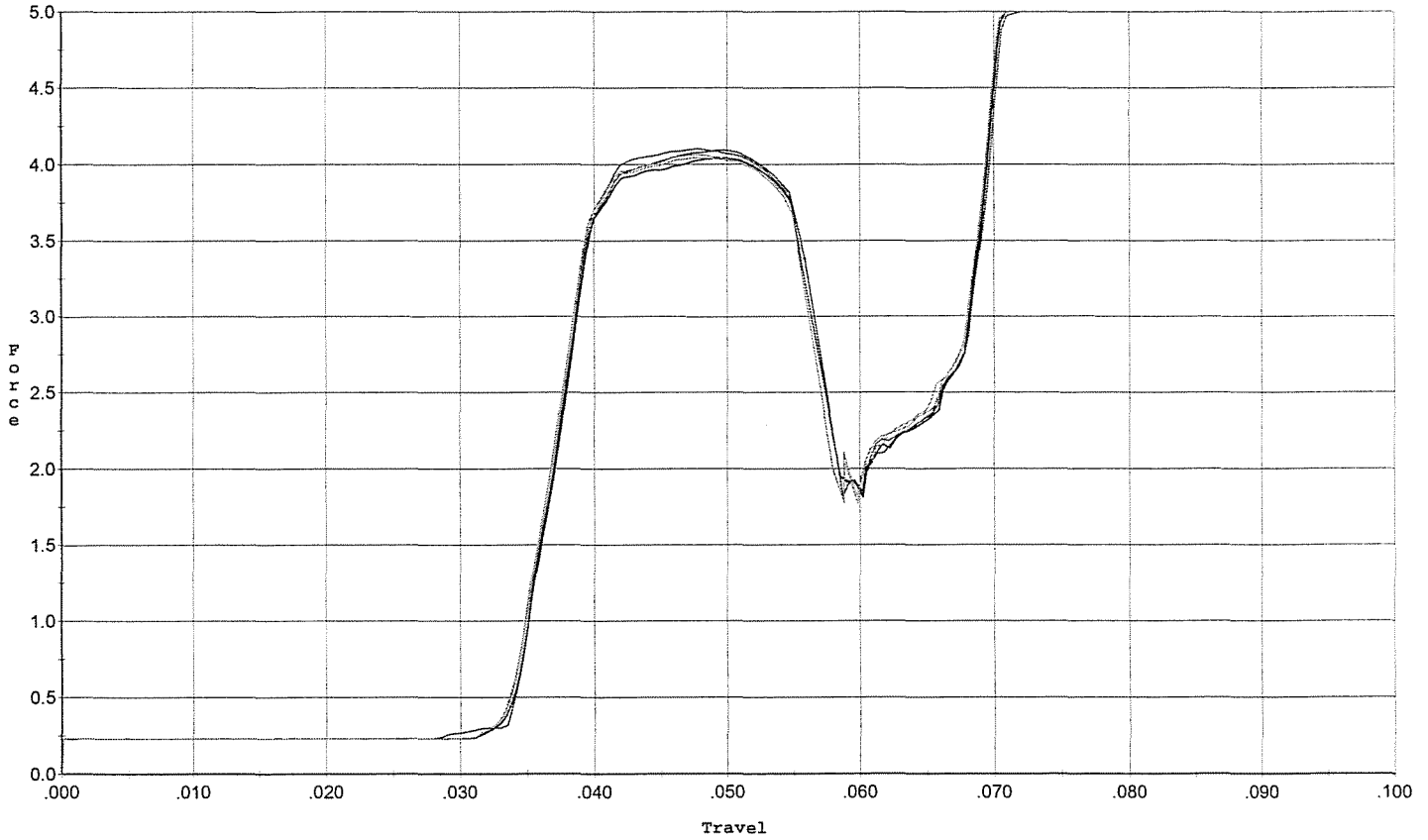
Avg 3.06



# Trigger Profile [ lbs,inch ]

**Profile:** SWS  
**GunType:** Rifle  
**Make:** Remington  
**Note:** R. Putch 1/16/08

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



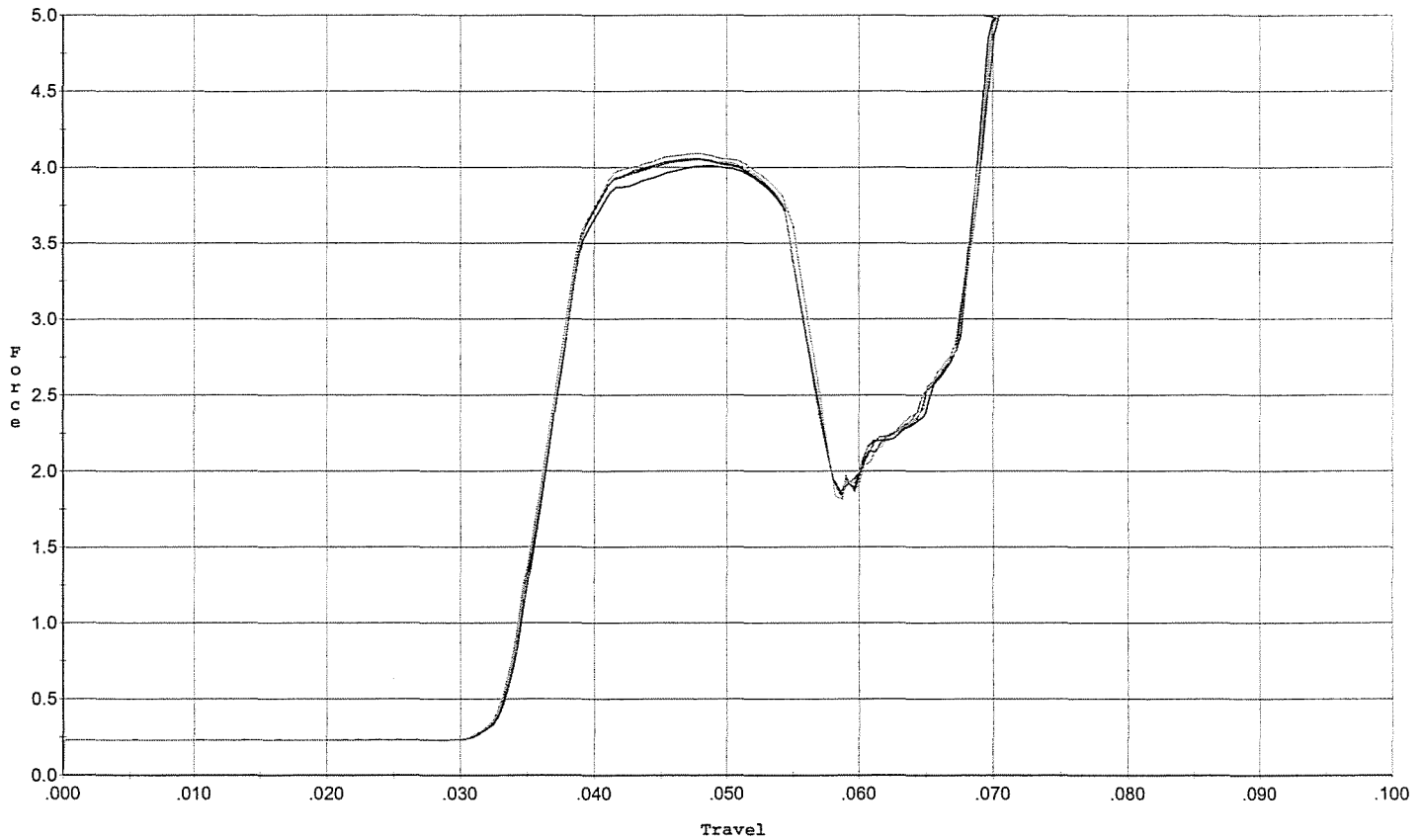
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.093      | 0.056             | 0.034           | 0.029      | 0.085             |           | Set Trigger |
| 2 | 4.042      | 0.055             | 0.034           | 0.030      | 0.082             |           | Set Trigger |
| 3 | 4.101      | 0.055             | 0.033           | 0.030      | 0.083             |           | Set Trigger |
| 4 | 4.042      | 0.055             | 0.033           | 0.030      | 0.083             |           | Set Trigger |
| 5 | 4.064      | 0.055             | 0.033           | 0.030      | 0.083             |           | Set Trigger |

AVG 4.06

# Trigger Profile [ lbs,inch ]

**Profile:** SWS  
**GunType:** Rifle  
**Make:** Remington  
**Note:** R. Putch 1/16/08

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



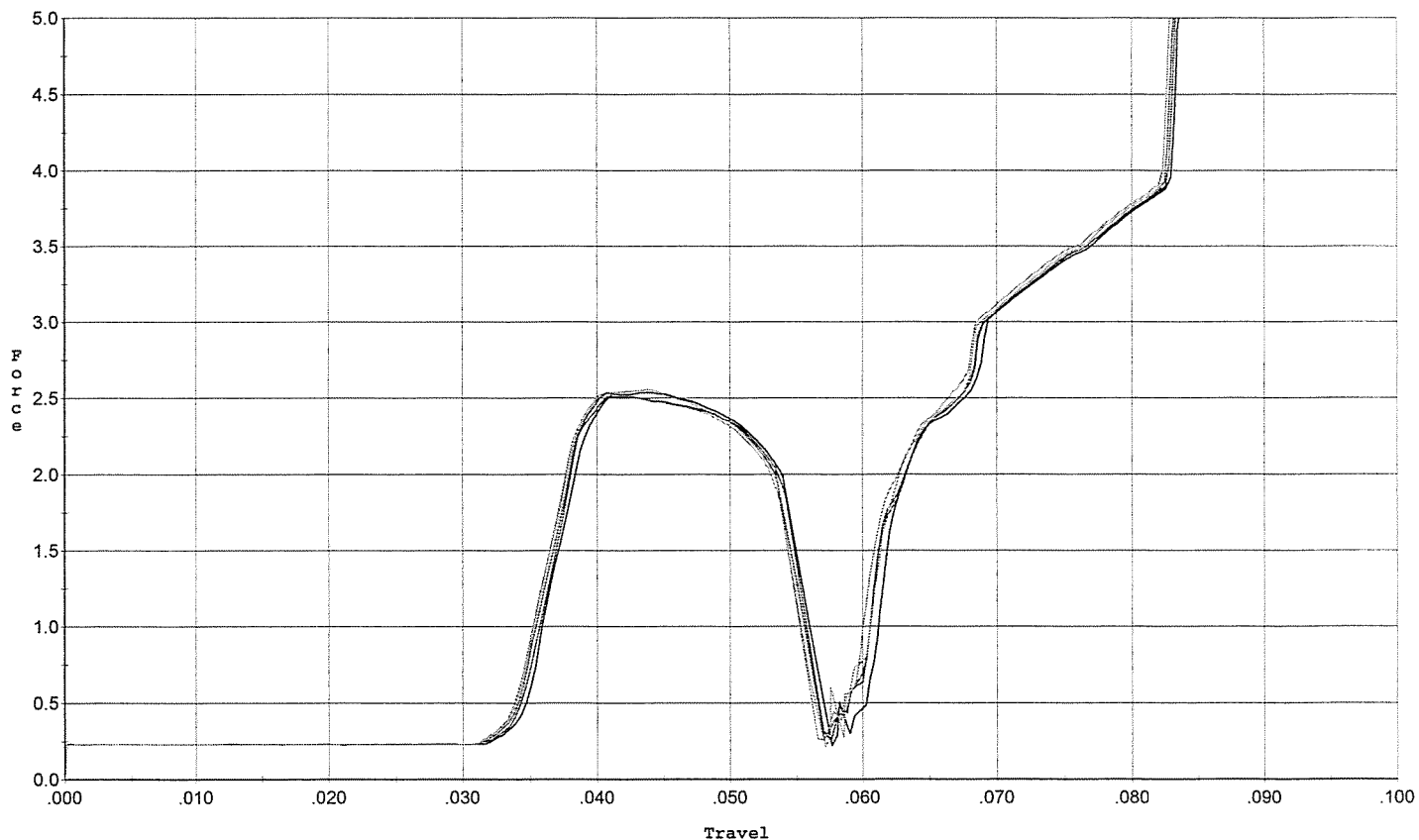
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.050      | 0.054             | 0.033           | 0.030      | 0.082             |           | Set Trigger |
| 2 | 4.011      | 0.054             | 0.033           | 0.030      | 0.082             |           | Set Trigger |
| 3 | 4.058      | 0.054             | 0.033           | 0.030      | 0.082             |           | Set Trigger |
| 4 | 4.091      | 0.055             | 0.033           | 0.029      | 0.085             |           | Set Trigger |
| 5 | 4.050      | 0.054             | 0.033           | 0.030      | 0.083             |           | Set Trigger |

AVG 4.05

# Trigger Profile [ lbs,inch ]

**Profile** SWS  
**GunType:** Rifle  
**Make:** Remington  
**Note:** R. Putch 1/16/08

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



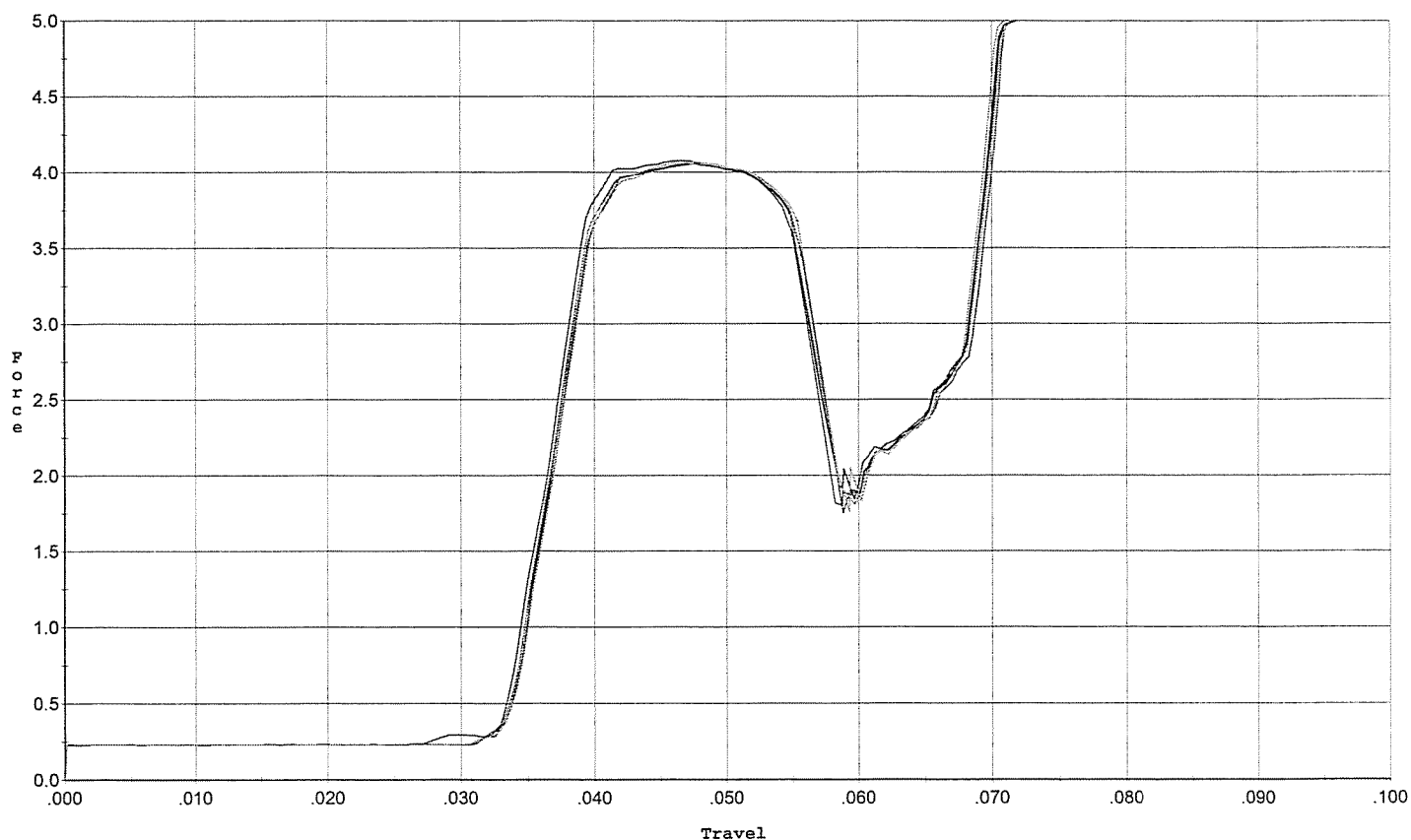
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.511      | 0.054             | 0.034           | 0.035      | 0.051             |           | Set Trigger |
| 2 | 2.536      | 0.054             | 0.034           | 0.035      | 0.051             |           | Set Trigger |
| 3 | 2.530      | 0.055             | 0.034           | 0.035      | 0.052             |           | Set Trigger |
| 4 | 2.553      | 0.053             | 0.034           | 0.035      | 0.051             |           | Set Trigger |
| 5 | 2.533      | 0.054             | 0.034           | 0.035      | 0.051             |           | Set Trigger |

Avg 2.53

# Trigger Profile [ lbs,inch ]

**Profile:** SWS  
**GunType:** Rifle  
**Make:** Remington  
**Note:** R. Putsch 1/16/08

**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 | 4.076      | 0.055             | 0.033           | 0.030      | 0.085             |           | Set Trigger |
| 2 | 4.053      | 0.055             | 0.033           | 0.030      | 0.083             |           | Set Trigger |
| 3 | 4.058      | 0.056             | 0.034           | 0.030      | 0.085             |           | Set Trigger |
| 4 | 4.052      | 0.055             | 0.033           | 0.030      | 0.084             |           | Set Trigger |
| 5 | 4.069      | 0.055             | 0.033           | 0.030      | 0.083             |           | Set Trigger |

AVG 4.06

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6731481.\_\_\_0

FILE DATE AND TIME: 03/31/2008 05:53

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.034 |
| The Average Y Centroid of the Five Target Set:              | -0.130 |
| The Average Point of Impact of the Five Target Set:         | 0.134  |
| The Average Mean Radius of the Five Target Set:             | 0.729  |
| The Distance from POA to Centroid Target #1:                | 0.267  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.287  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.240  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.098  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.205  |

SERIAL NUMBER: G6731481. 0

TARGET NUMBER: 1

FILE DATE: 03/31/2008

FILE TIME: 05:53

X CENTROID: -0.026

Y CENTROID: -0.265

POA TO CENTROID: 0.267

HORZ SPREAD: 1.703

VERT SPREAD: 2.133

GROUP SPREAD: 2.343

MIN RADIUS: 0.287

MAX RADIUS: 1.258

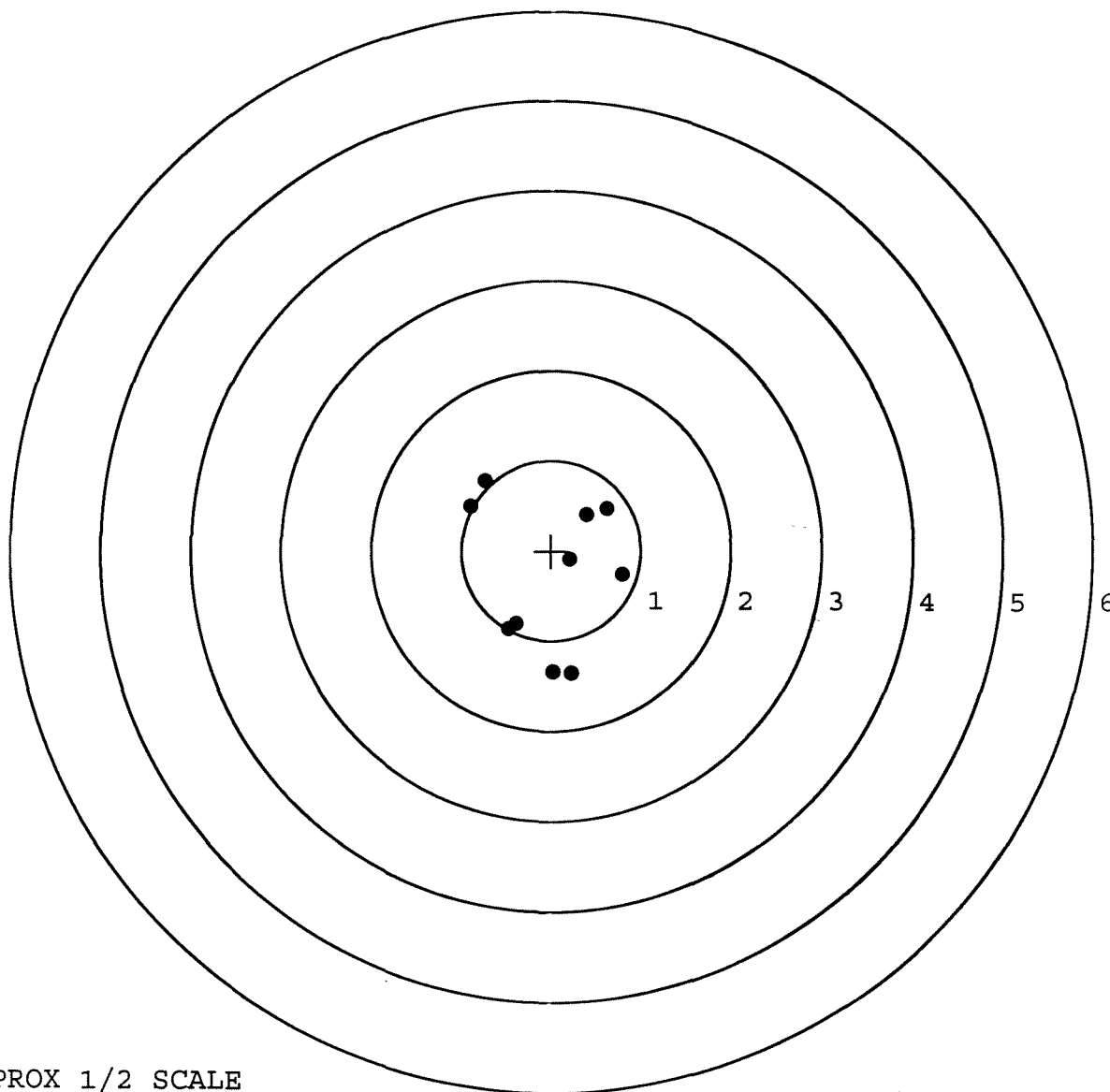
MEAN RADIUS: 0.893

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.227  | -1.365 |
| 2:     | 0.021  | -1.352 |
| 3:     | -0.474 | -0.880 |
| 4:     | -0.393 | -0.819 |
| 5:     | 0.209  | -0.100 |
| 6:     | 0.797  | -0.266 |
| 7:     | 0.387  | 0.403  |
| 8:     | 0.616  | 0.470  |
| 9:     | -0.743 | 0.768  |
| 10:    | -0.906 | 0.487  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6731481. 0

TARGET NUMBER: 2

FILE DATE: 03/31/2008

FILE TIME: 05:53

X CENTROID: 0.172

Y CENTROID: -0.057

POA TO CENTROID: 0.182

HORZ SPREAD: 1.863

VERT SPREAD: 1.009

GROUP SPREAD: 1.966

MIN RADIUS: 0.155

MAX RADIUS: 1.167

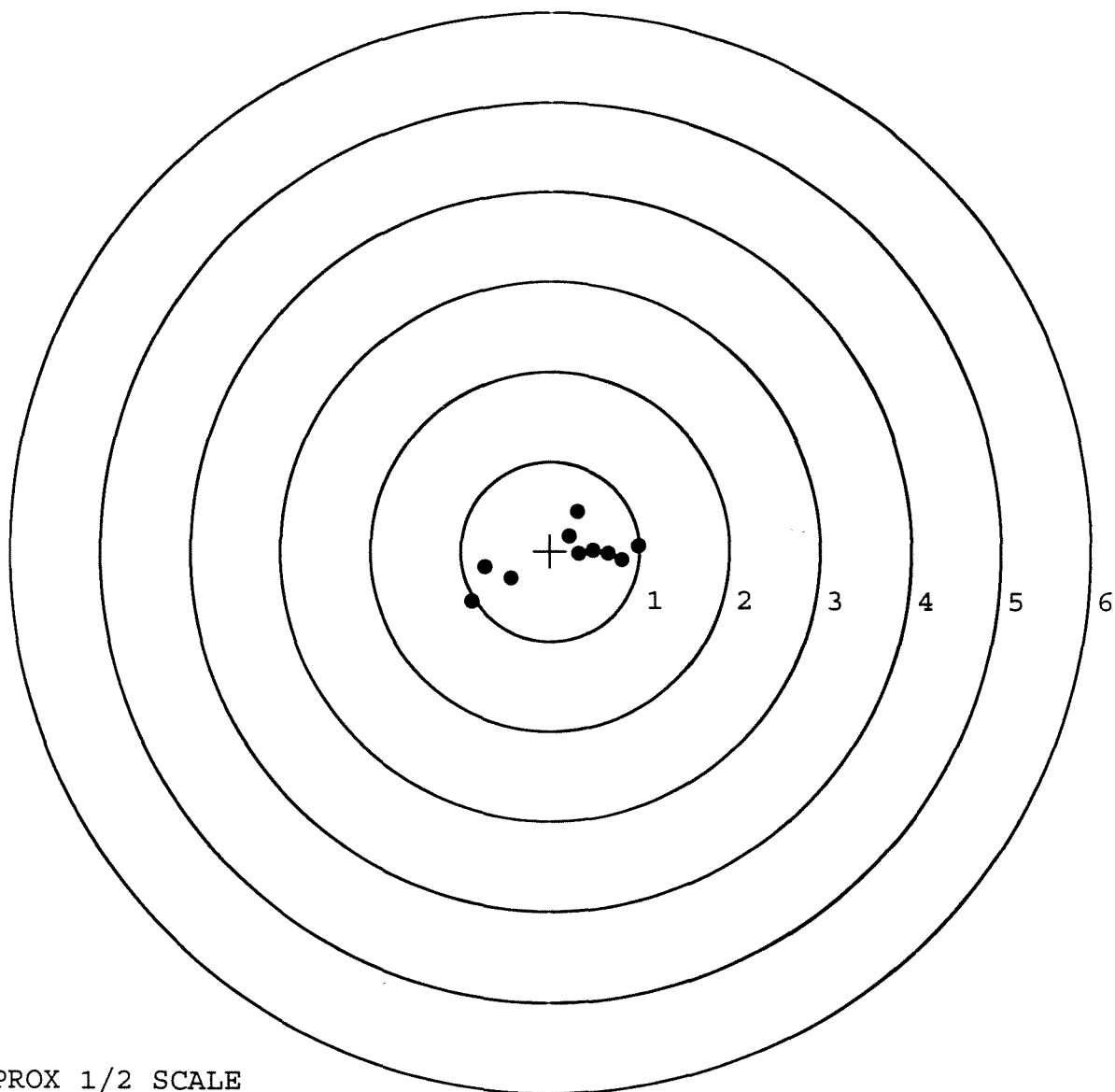
MEAN RADIUS: 0.588

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.875 | -0.573 |
| 2:     | -0.437 | -0.312 |
| 3:     | -0.727 | -0.190 |
| 4:     | 0.300  | 0.436  |
| 5:     | 0.212  | 0.160  |
| 6:     | 0.324  | -0.027 |
| 7:     | 0.486  | 0.008  |
| 8:     | 0.647  | -0.027 |
| 9:     | 0.988  | 0.056  |
| 10:    | 0.806  | -0.105 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6731481. 0

TARGET NUMBER: 3

FILE DATE: 03/31/2008

FILE TIME: 05:53

X CENTROID: -0.188

Y CENTROID: -0.089

POA TO CENTROID: 0.208

HORZ SPREAD: 1.831

VERT SPREAD: 2.232

GROUP SPREAD: 2.380

MIN RADIUS: 0.119

MAX RADIUS: 1.415

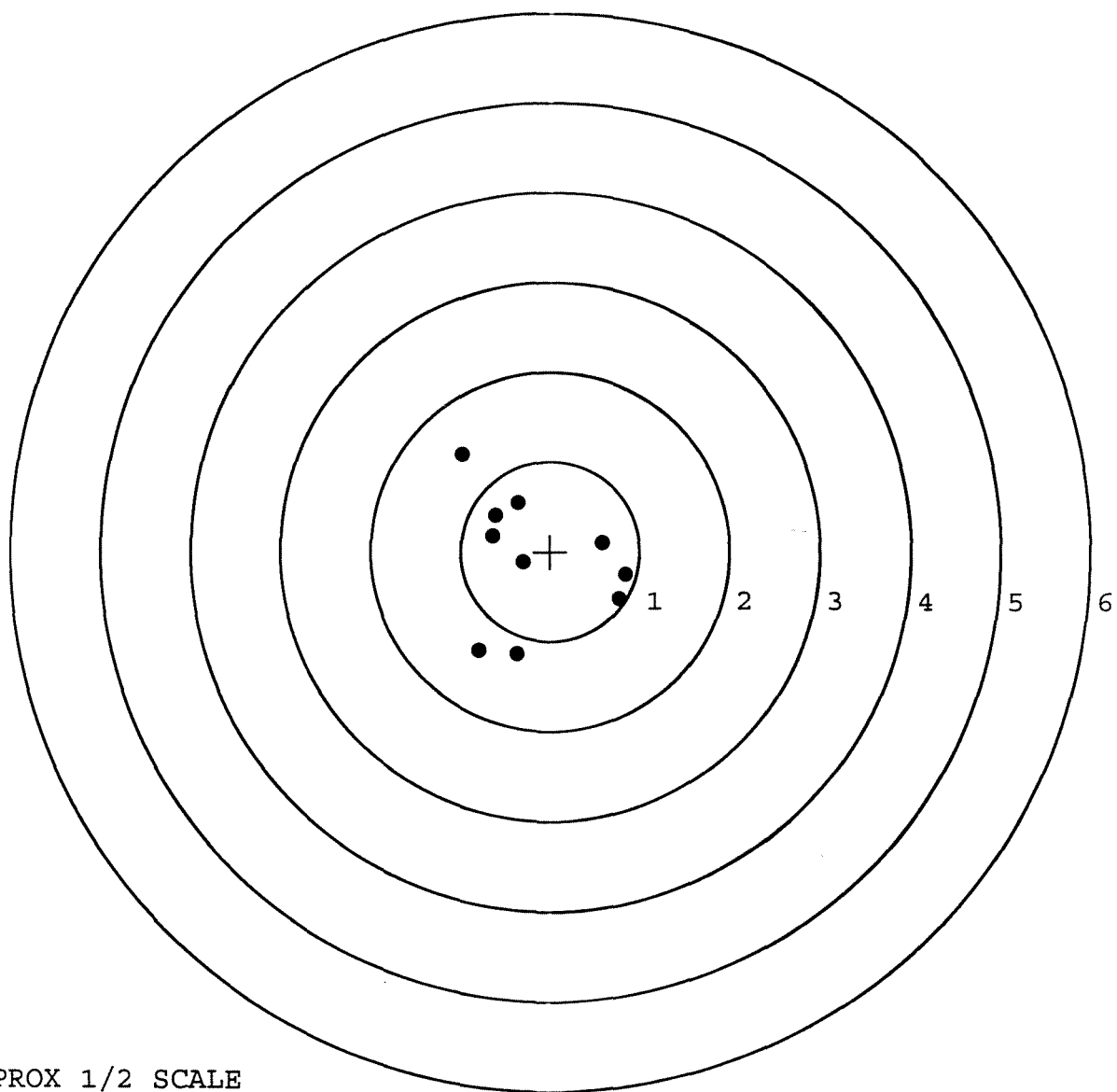
MEAN RADIUS: 0.852

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 5

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.769  | -0.528 |
| 2:     | 0.844  | -0.254 |
| 3:     | 0.581  | 0.096  |
| 4:     | -0.302 | -0.123 |
| 5:     | -0.647 | 0.171  |
| 6:     | -0.614 | 0.399  |
| 7:     | -0.366 | 0.535  |
| 8:     | -0.987 | 1.079  |
| 9:     | -0.367 | -1.153 |
| 10:    | -0.794 | -1.113 |



TARGET APPROX 1/2 SCALE



SERIAL NUMBER: G6731481. \_\_0

TARGET NUMBER: 4

FILE DATE: 03/31/2008

FILE TIME: 05:53

X CENTROID: -0.064

Y CENTROID: -0.175

POA TO CENTROID: 0.186

HORZ SPREAD: 2.766

VERT SPREAD: 1.900

GROUP SPREAD: 2.824

MIN RADIUS: 0.089

MAX RADIUS: 1.789

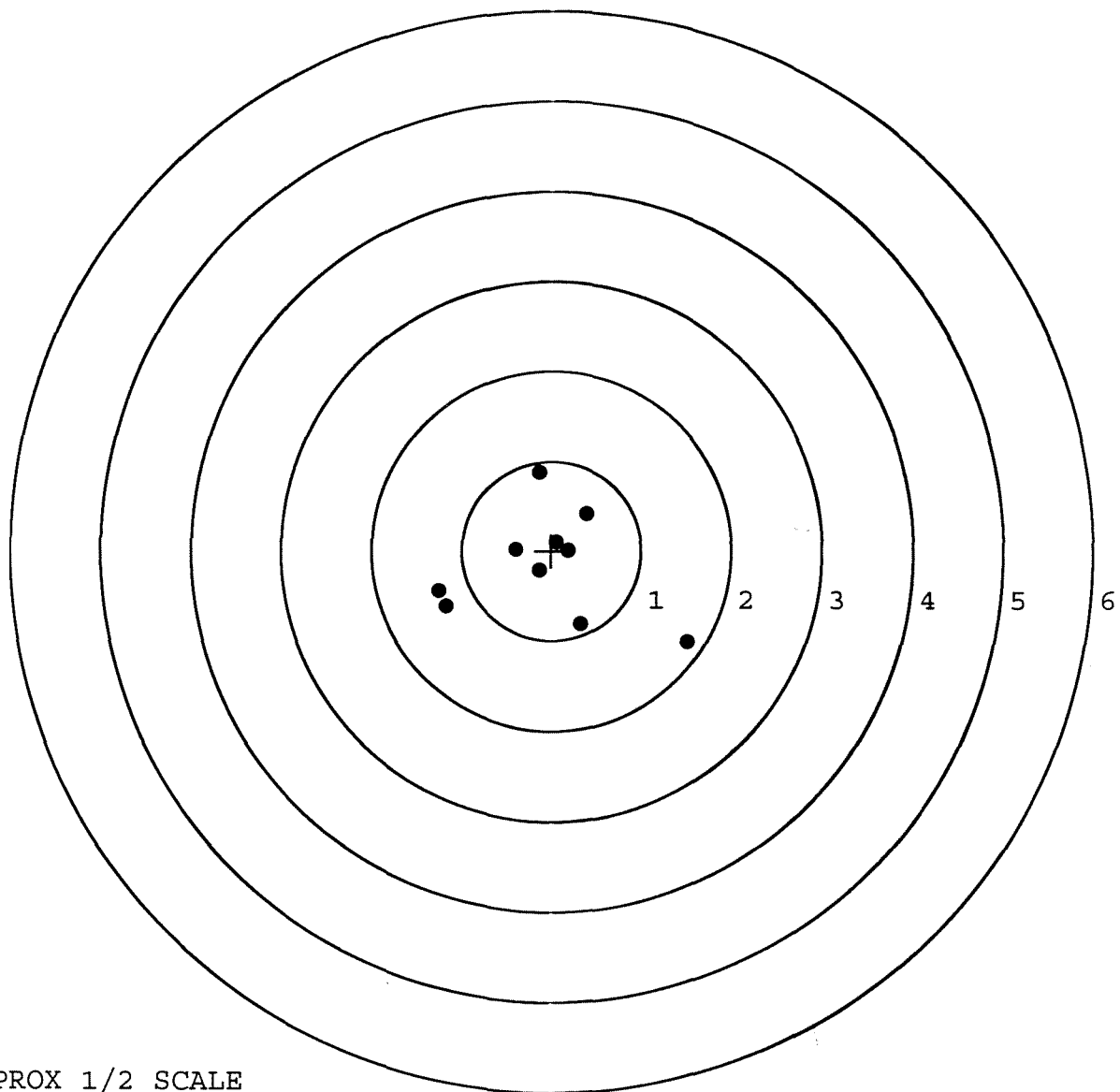
MEAN RADIUS: 0.784

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 9

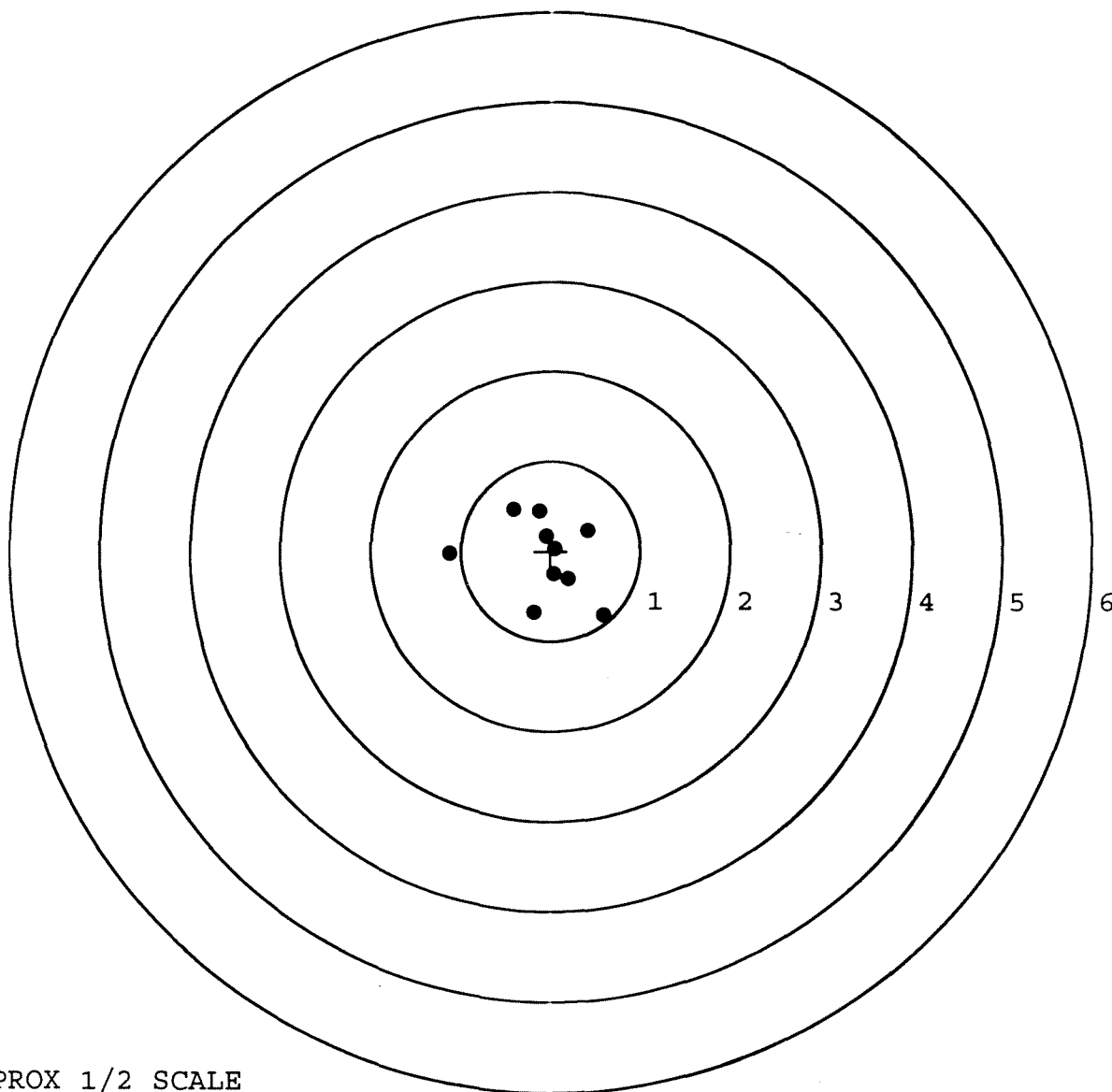
| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.510  | -1.025 |
| 2:     | 0.323  | -0.821 |
| 3:     | -1.177 | -0.628 |
| 4:     | -1.256 | -0.457 |
| 5:     | 0.391  | 0.413  |
| 6:     | -0.139 | -0.223 |
| 7:     | 0.188  | 0.005  |
| 8:     | 0.055  | 0.097  |
| 9:     | -0.395 | 0.015  |
| 10:    | -0.140 | 0.875  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6731481. 0  
TARGET NUMBER: 5  
FILE DATE: 03/31/2008  
FILE TIME: 05:53

|                     |        | POINT# | X      | Y      |
|---------------------|--------|--------|--------|--------|
| X CENTROID:         | -0.064 | 1:     | 0.587  | -0.708 |
| Y CENTROID:         | -0.064 | 2:     | -0.192 | -0.684 |
| POA TO CENTROID:    | 0.090  | 3:     | -1.126 | -0.030 |
| HORZ SPREAD:        | 1.713  | 4:     | 0.412  | 0.235  |
| VERT SPREAD:        | 1.178  | 5:     | 0.194  | -0.312 |
| GROUP SPREAD:       | 1.842  | 6:     | 0.039  | -0.257 |
| MIN RADIUS:         | 0.147  | 7:     | 0.051  | 0.028  |
| MAX RADIUS:         | 1.063  | 8:     | -0.051 | 0.170  |
| MEAN RADIUS:        | 0.529  | 9:     | -0.133 | 0.451  |
| # IN 1 IN DIAMETER: | 4      | 10:    | -0.418 | 0.470  |
| # IN 2 IN DIAMETER: | 9      |        |        |        |
| # in 3 IN DIAMETER: | 10     |        |        |        |



TARGET APPROX 1/2 SCALE