

G6677037

**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



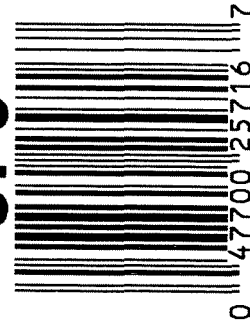
**ORDER NO. 25716**

**BARREL LENGTH 24"**

**CAPACITY 6**

**G6677037**

**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.



GUN SERIAL # G-6677037

| OP #         | OPERATION NAME                                                 | READINGS            | DATE    | INITIAL |
|--------------|----------------------------------------------------------------|---------------------|---------|---------|
| 410          | SERIALIZE BOLT HANDLE                                          |                     | 8-9-07  | SPJ     |
| 420          | ASSEMBLE ACTION                                                |                     | 7-24-07 | SD      |
| 430          | ASSEMBLE TO STOCK                                              |                     | 7/27/07 | non     |
| 440          | PROOF                                                          | MAGNA - FLUX        | 7/27/07 | non     |
| 460          | CHECK HEADSPACE                                                | AUG 1 8 2007        | 7/27/07 | non     |
| 470          | DIS-ASSEMBLE ACTION                                            |                     | 8-2-07  | SD      |
| 480          | MAGNAFLUX BBL ACTION                                           | OPERATOR <u>ems</u> | 8/13/07 | ems     |
| 490          | MAGNAFLUX BOLT                                                 |                     |         |         |
| 500          | ROLLMARK CALIBER                                               |                     | 8-13-07 | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                   |                     | 8-10-07 | TRW     |
| 520          | GOFF BLAST BBL / REC                                           |                     | 8/13/07 | KG      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                              |                     |         |         |
|              | (BOLT)                                                         |                     | 8/23/07 | RB      |
| 560          | RE-ASSEMBLE ACTION                                             |                     | 8-23-07 | SD      |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                            |                     |         |         |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD |                     | 8-23-07 | SD      |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                         |                     | 8-23-07 | SD      |
|              | D) OIL FIRING PIN ASSEMBLY                                     |                     | 8/24/07 | SPJ     |
|              | E) ADJUST TRIGGER PULL<br>TO MIN. SETTING AND<br>STAKE         | 2.50 LBS +/- .5 LBS |         |         |

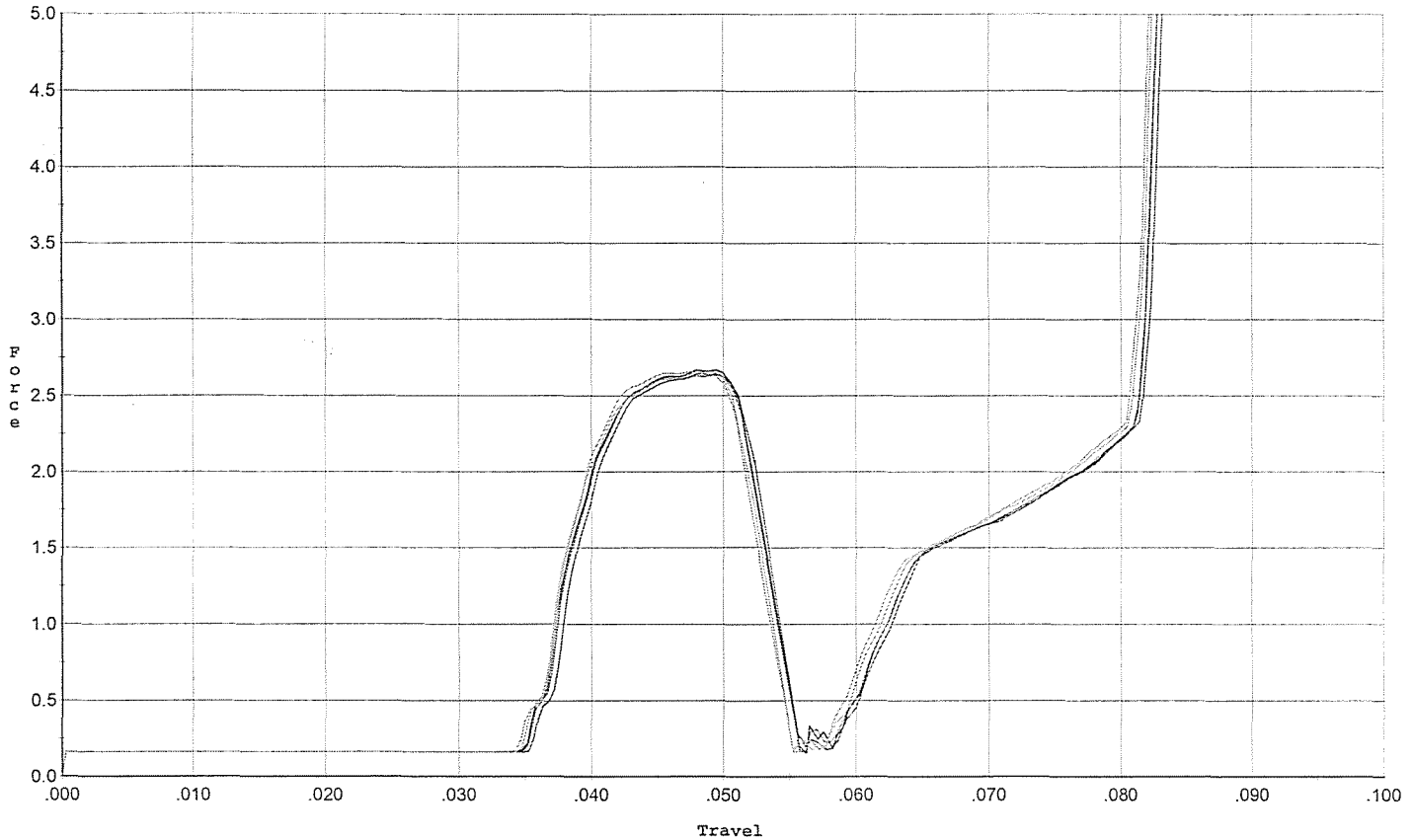
F004 REV 5/2006

|                      |                                                                       |                                           |                                 |      |      |                |        |         |     |
|----------------------|-----------------------------------------------------------------------|-------------------------------------------|---------------------------------|------|------|----------------|--------|---------|-----|
| BARBER - M24 0173809 |                                                                       |                                           |                                 |      |      |                |        |         |     |
| 560                  | F) SAFETY ON FORCE                                                    | 2 LBS MIN<br>10 LBS MAX                   | 6.2                             | 6.2  | 6.2  | 8/28/07        | RP     |         |     |
| CONT.                |                                                                       |                                           |                                 |      |      | 8/28/07        | RP     |         |     |
|                      | G) SAFETY OFF FORCE                                                   | 2 LBS MIN                                 | 4.0                             | 4.0  | 4.2  |                |        |         |     |
|                      | H) TRIGGER PULL TEST<br>AND RETAINABILITY                             |                                           |                                 |      |      |                |        |         |     |
|                      | I) FIRING PIN INDENT                                                  | .020 MIN                                  | .024                            | .024 | .024 | 8/28/07        | RP     |         |     |
|                      | J) ASSEMBLE STOCK                                                     |                                           |                                 |      |      | 8/24/07        | R.P.D. |         |     |
|                      | K) ASSEMBLE SWIVEL<br>STUDS                                           |                                           |                                 |      |      | 8/28/07        | RP     |         |     |
|                      | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                              |                                           |                                 |      |      | 8-29-07        | RTZ    |         |     |
|                      | M) IRON SIGHT<br>ALIGNMENT                                            |                                           |                                 |      |      | 8-29-07        | RTZ    |         |     |
|                      | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER |                                           |                                 |      |      | 8-29-07        | RTZ    |         |     |
| 640 &<br>650         | FUNCTION TEST AND<br>TARGET                                           |                                           | <div>PASS</div> <div>PASS</div> |      |      | FAIL           | FAIL   | 8-28-07 | TRW |
|                      | MALFUNCTION                                                           |                                           | CORRECTION                      |      |      | <div>N/A</div> |        |         |     |
|                      | MALFUNCTION                                                           |                                           | CORRECTION                      |      |      |                |        |         |     |
|                      | MALFUNCTION                                                           |                                           | CORRECTION                      |      |      |                |        |         |     |
|                      | MALFUNCTION                                                           |                                           | CORRECTION                      |      |      |                |        |         |     |
| 660                  | INSPECT FOR LIVE AMMO                                                 |                                           |                                 |      |      | 8-28-07        | Fm     |         |     |
| 670                  | FINAL INSPECTION<br>A) HEADSPACE                                      |                                           |                                 |      |      | 8-29-07        | RTZ    |         |     |
|                      | B) TRIGGER PULL                                                       | +/- .5 LBS<br>MIN 2.50 LBS<br>MAX 4.0 LBS | 2.52                            | 2.58 | 2.59 | 2.67           | 2.74   | 8/28/07 | RP  |
|                      | C) FUNCTION                                                           |                                           |                                 |      |      |                |        |         |     |
| 690                  | PACK                                                                  |                                           |                                 |      |      | 8/29/07        | DA     |         |     |

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 8/16/07

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



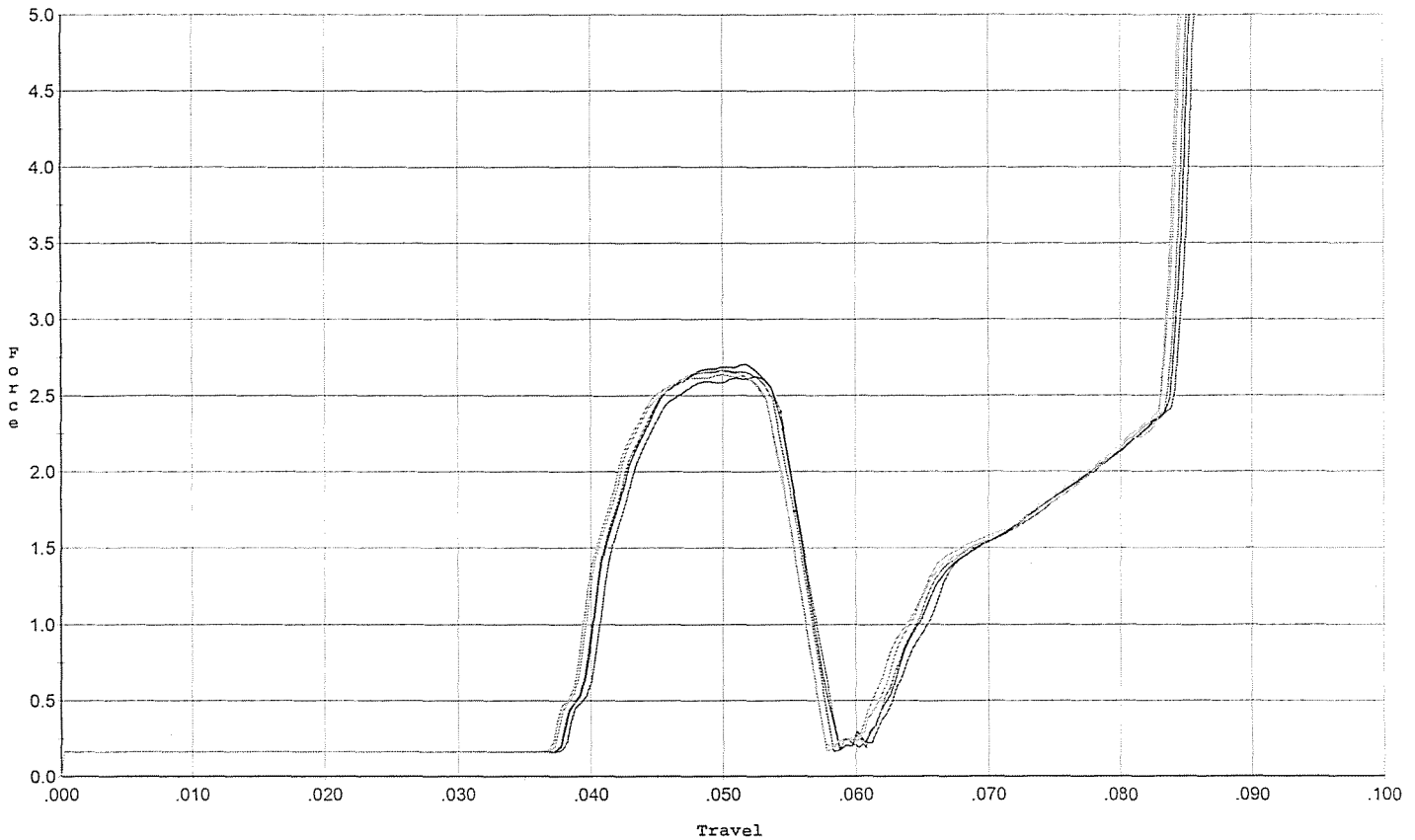
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.647      | 0.052             | 0.036           | 0.037      | 0.042             |           | Set Trigger |
| 2 | 2.669      | 0.053             | 0.035           | 0.036      | 0.044             |           | Set Trigger |
| 3 | 2.647      | 0.051             | 0.036           | 0.037      | 0.041             |           | Set Trigger |
| 4 | 2.664      | 0.052             | 0.035           | 0.036      | 0.043             |           | Set Trigger |
| 5 | 2.644      | 0.051             | 0.035           | 0.037      | 0.041             |           | Set Trigger |

AVG 2.65

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 8/16/07

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



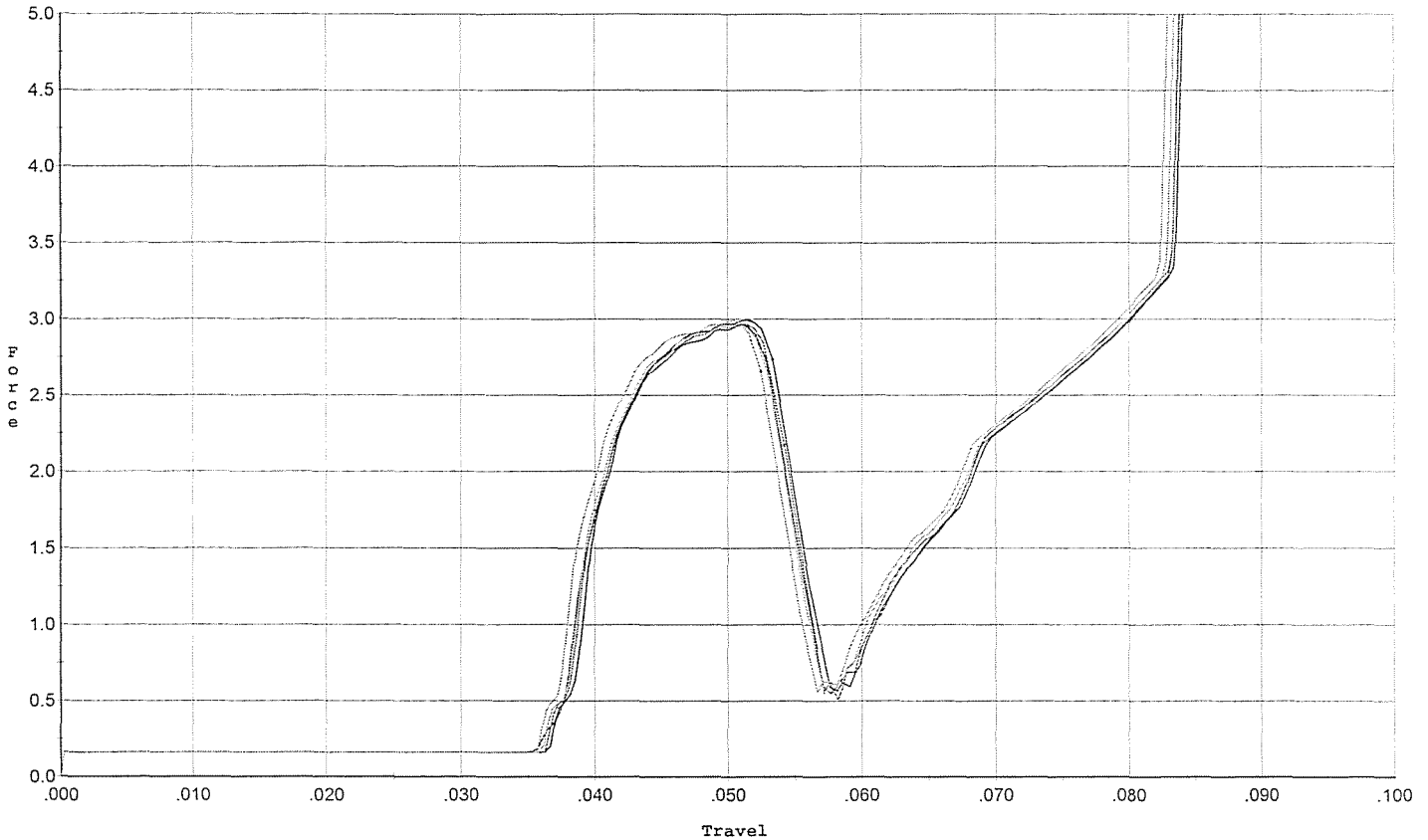
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.628      | 0.054             | 0.038           | 0.037      | 0.041             |           | Set Trigger |
| 2 | 2.704      | 0.055             | 0.038           | 0.037      | 0.043             |           | Set Trigger |
| 3 | 2.664      | 0.055             | 0.038           | 0.037      | 0.044             |           | Set Trigger |
| 4 | 2.638      | 0.055             | 0.038           | 0.037      | 0.043             |           | Set Trigger |
| 5 | 2.668      | 0.055             | 0.037           | 0.037      | 0.044             |           | Set Trigger |

AVG 2.66

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 8/16/07

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



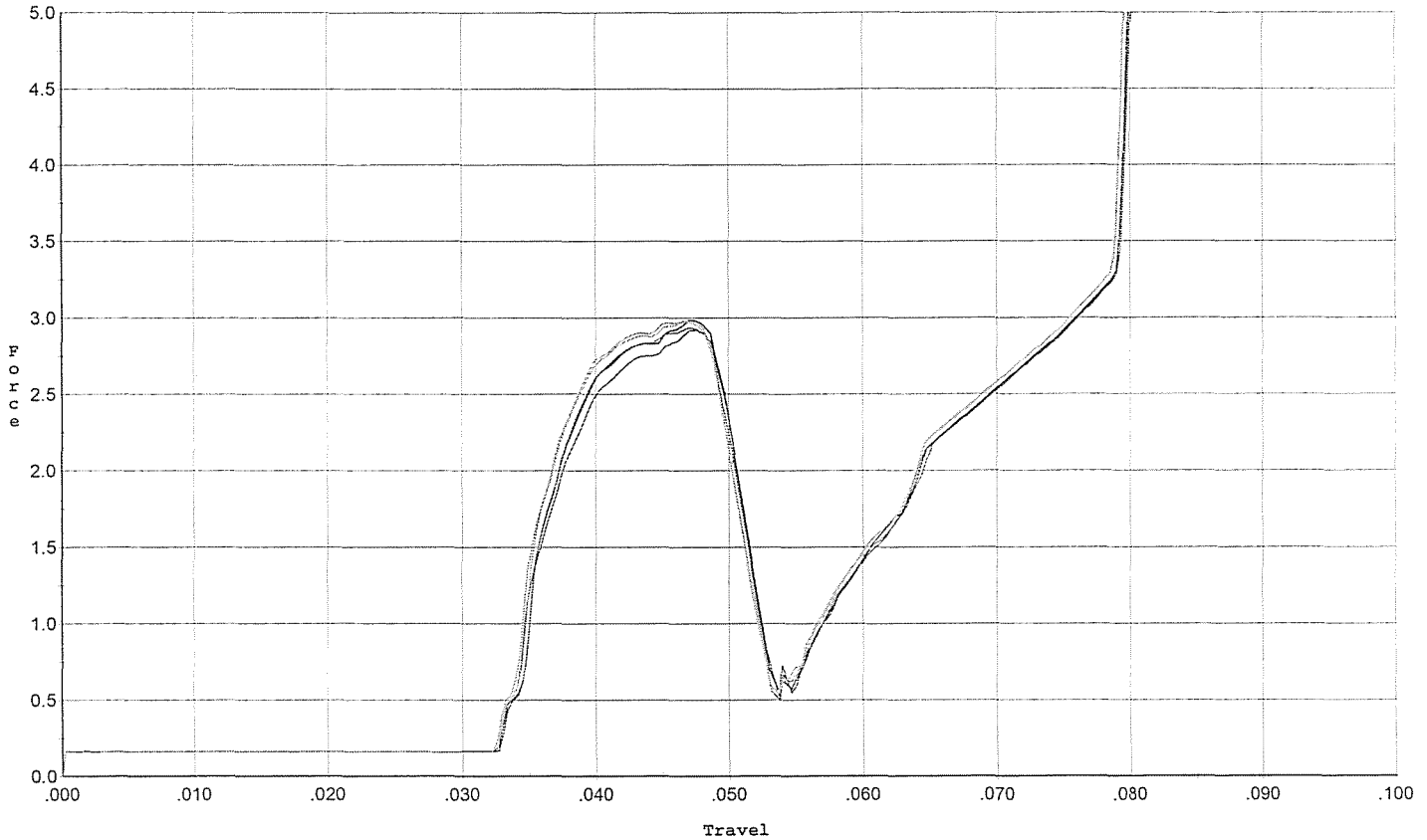
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.968      | 0.053             | 0.036           | 0.036      | 0.046             |           | Set Trigger |
| 2 | 2.996      | 0.053             | 0.037           | 0.036      | 0.047             |           | Set Trigger |
| 3 | 2.966      | 0.054             | 0.037           | 0.036      | 0.048             |           | Set Trigger |
| 4 | 2.958      | 0.053             | 0.036           | 0.036      | 0.047             |           | Set Trigger |
| 5 | 2.993      | 0.052             | 0.036           | 0.036      | 0.047             |           | Set Trigger |

Avg 2.97

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 8/16/07

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



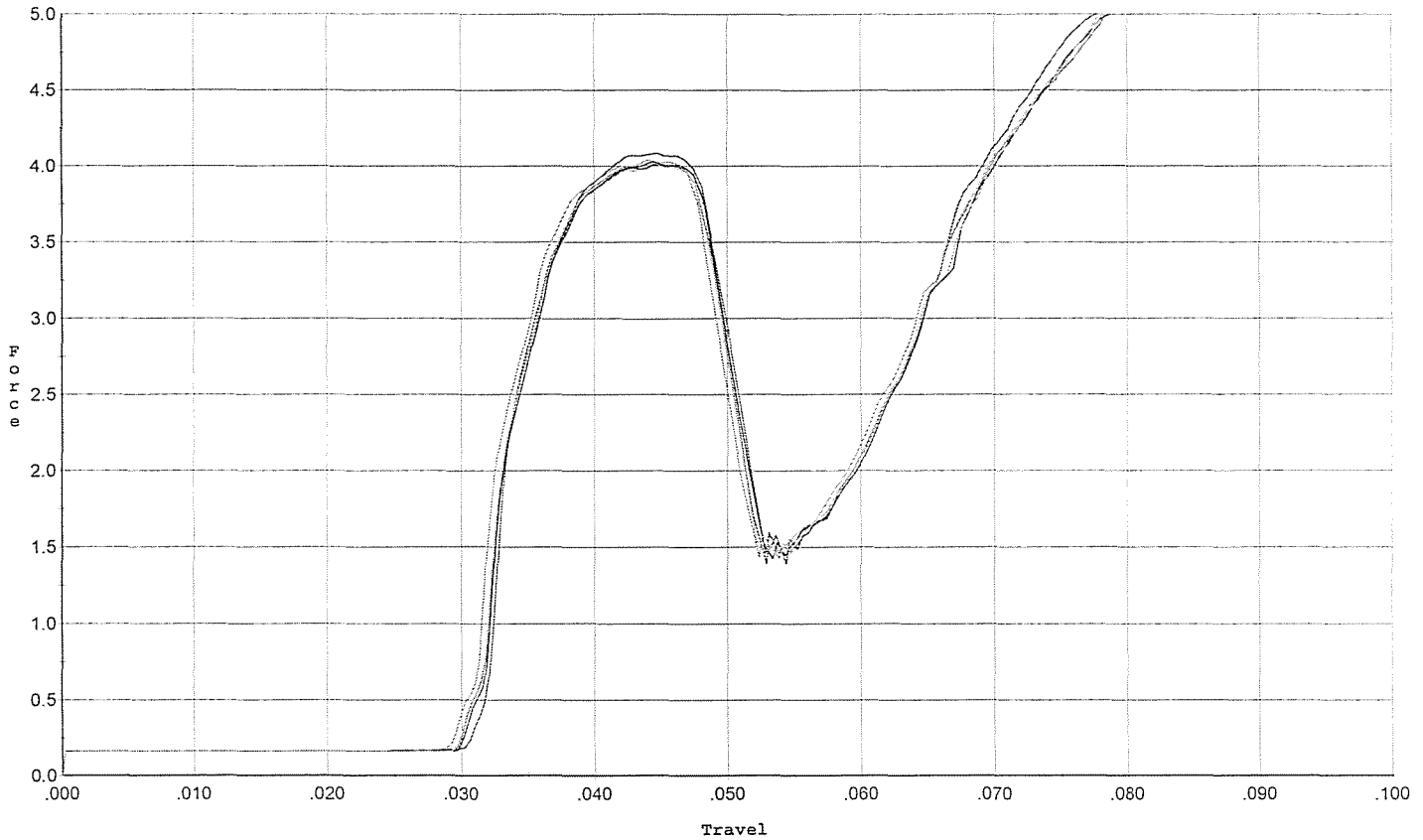
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.920      | 0.050             | 0.033           | 0.035      | 0.045             |           | Set Trigger |
| 2 | 2.984      | 0.050             | 0.033           | 0.035      | 0.046             |           | Set Trigger |
| 3 | 2.935      | 0.050             | 0.033           | 0.035      | 0.046             |           | Set Trigger |
| 4 | 2.973      | 0.049             | 0.033           | 0.035      | 0.045             |           | Set Trigger |
| 5 | 2.980      | 0.049             | 0.033           | 0.035      | 0.046             |           | Set Trigger |

AVG 2.95

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 8/16/07

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



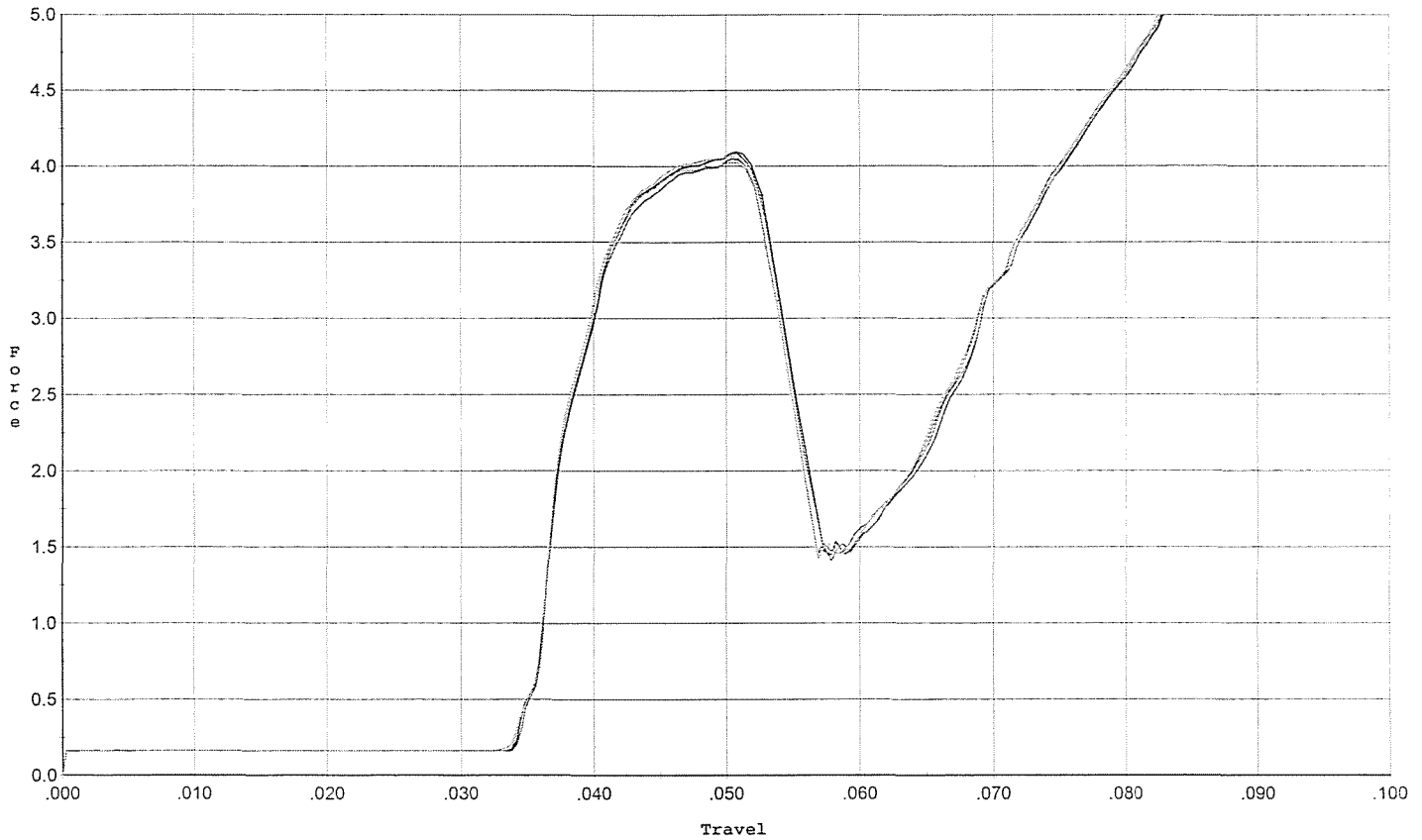
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.084      | 0.050             | 0.031           | 0.032      | 0.069             |           | Set Trigger |
| 2 | 4.008      | 0.048             | 0.030           | 0.032      | 0.066             |           | Set Trigger |
| 3 | 4.028      | 0.049             | 0.030           | 0.032      | 0.067             |           | Set Trigger |
| 4 | 4.020      | 0.049             | 0.030           | 0.032      | 0.067             |           | Set Trigger |
| 5 | 4.036      | 0.048             | 0.030           | 0.032      | 0.066             |           | Set Trigger |

Avg 4.03

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 8/16/07

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



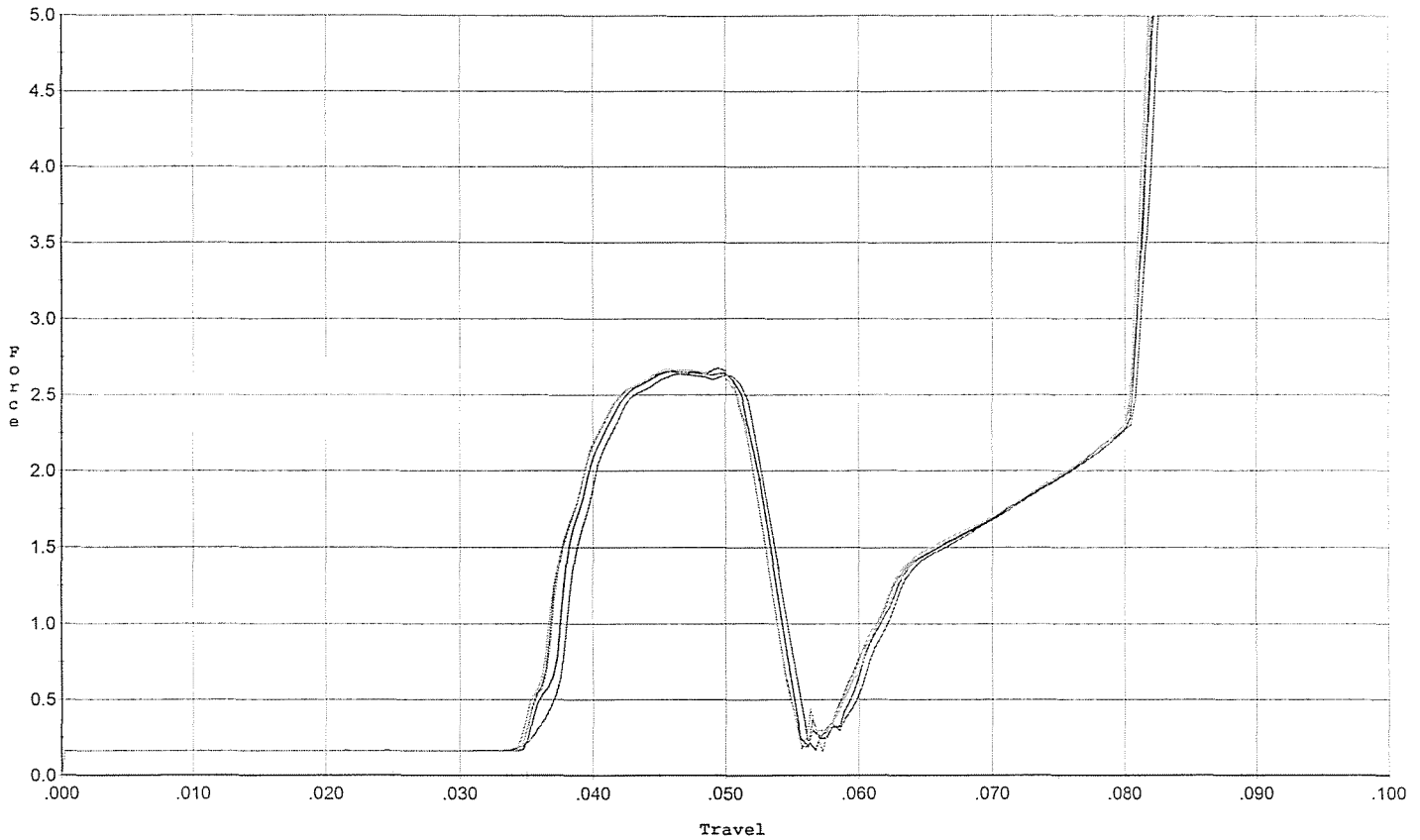
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.047      | 0.054             | 0.035           | 0.034      | 0.069             |           | Set Trigger |
| 2 | 4.095      | 0.053             | 0.034           | 0.034      | 0.069             |           | Set Trigger |
| 3 | 4.086      | 0.053             | 0.035           | 0.034      | 0.069             |           | Set Trigger |
| 4 | 4.065      | 0.054             | 0.034           | 0.033      | 0.070             |           | Set Trigger |
| 5 | 4.026      | 0.054             | 0.034           | 0.034      | 0.070             |           | Set Trigger |

Avg 4.06

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 8/16/07

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



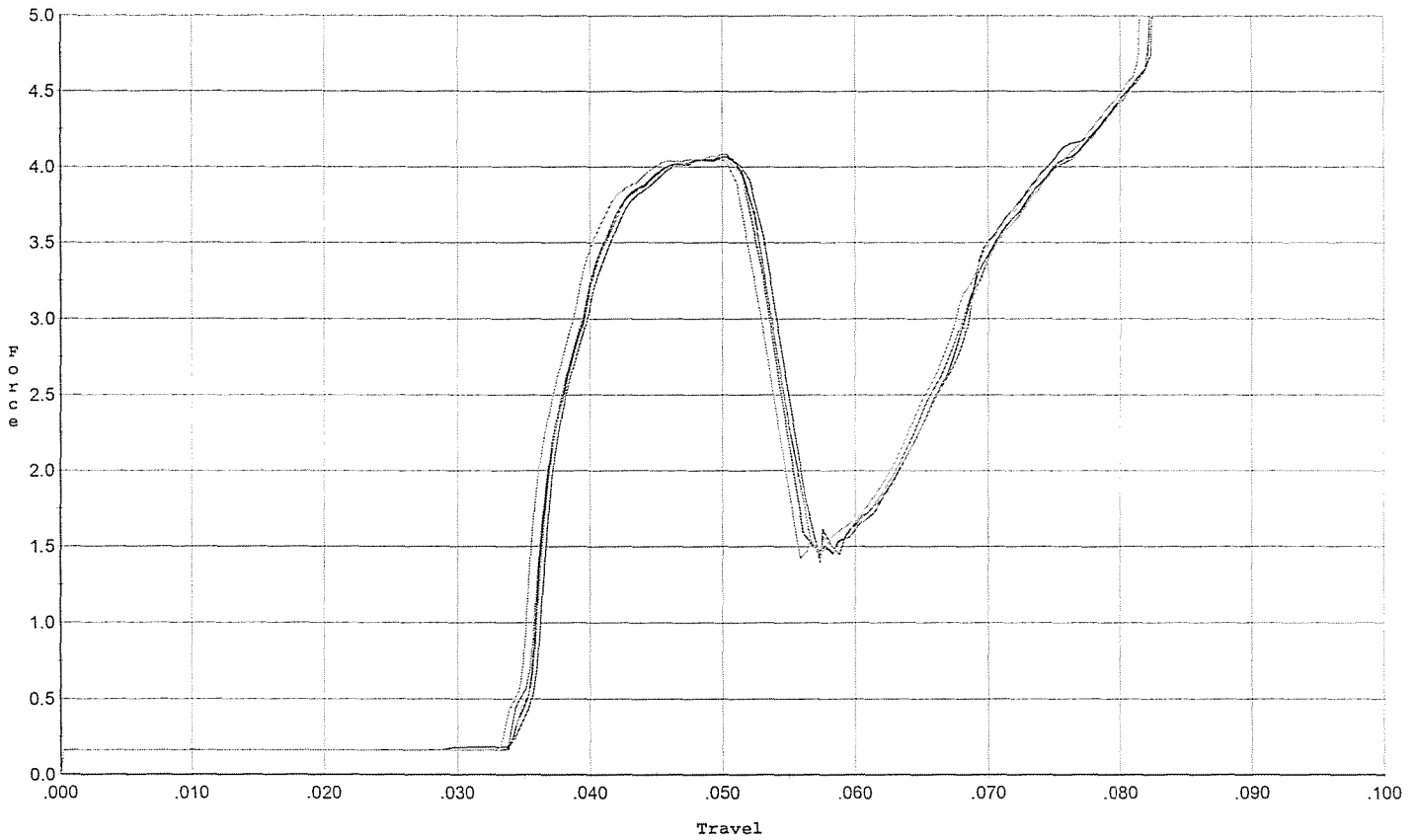
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.639      | 0.054             | 0.036           | 0.036      | 0.044             |           | Set Trigger |
| 2 | 2.658      | 0.053             | 0.035           | 0.036      | 0.044             |           | Set Trigger |
| 3 | 2.678      | 0.051             | 0.035           | 0.036      | 0.043             |           | Set Trigger |
| 4 | 2.682      | 0.051             | 0.035           | 0.036      | 0.043             |           | Set Trigger |
| 5 | 2.672      | 0.052             | 0.035           | 0.036      | 0.043             |           | Set Trigger |

AVG 2.66

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 8/16/07

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 | 4.066      | 0.053             | 0.035           | 0.033      | 0.069             |           | Set Trigger |
| 2 | 4.066      | 0.052             | 0.034           | 0.034      | 0.068             |           | Set Trigger |
| 3 | 4.084      | 0.053             | 0.034           | 0.034      | 0.069             |           | Set Trigger |
| 4 | 4.049      | 0.053             | 0.034           | 0.034      | 0.068             |           | Set Trigger |
| 5 | 4.070      | 0.053             | 0.034           | 0.034      | 0.070             |           | Set Trigger |

AVG 4.06

## SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIRE TRIAL NUMBER / DATASET NAME: G6677037.\_\_0  
FILE AND TIME: 08/29/2007 05:06

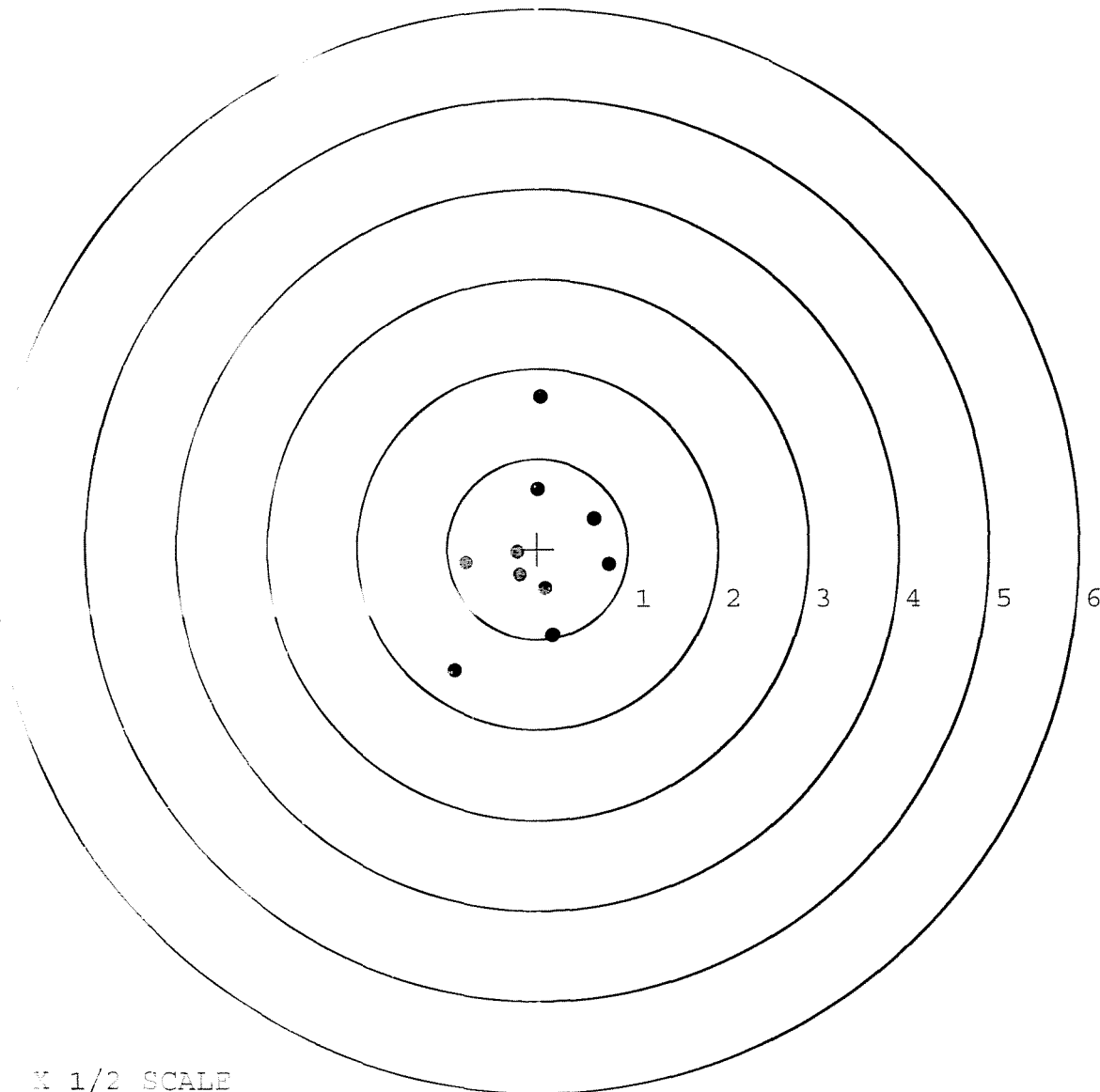
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                         |        |
|---------------------------------------------------------|--------|
| Average X Centroid of the Five Target Set:              | 0.090  |
| Average Y Centroid of the Five Target Set:              | -0.045 |
| Average Point of Impact of the Five Target Set:         | 0.100  |
| Average Mean Radius of the Five Target Set:             | 0.978  |
| Distance from POA to Centroid Target #1:                | 0.085  |
| Distance from Centroid Target #2 to Centroid Target #1: | 0.160  |
| Distance from Centroid Target #3 to Centroid Target #1: | 0.229  |
| Distance from Centroid Target #4 to Centroid Target #1: | 0.500  |
| Distance from Centroid Target #5 to Centroid Target #1: | 0.371  |

SERIAL NUMBER: G6677037. 0  
 TARGET ID: 1  
 FILE DATE: 08/29/2007  
 FILE TIME: 05:06

X CENTROID: -0.043  
 Y CENTROID: -0.074  
 POA TO CEN: 0.085  
 HORZ SPREAD: 1.707  
 VERT SPREAD: 3.039  
 GROUP STANDARD: 3.186  
 MIN RANGE: 0.183  
 MAX RANGE: 1.759  
 MEAN RANGE: 0.817  
 # IN 1 METER: 3  
 # IN 2 METER: 8  
 # IN 3 METER: 8

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.788  | -0.176 |
| 2:     | 0.624  | 0.339  |
| 3:     | -0.001 | 0.663  |
| 4:     | 0.039  | 1.683  |
| 5:     | 0.163  | -0.965 |
| 6:     | -0.919 | -1.356 |
| 7:     | 0.084  | -0.444 |
| 8:     | -0.196 | -0.290 |
| 9:     | -0.222 | -0.039 |
| 10:    | -0.788 | -0.155 |

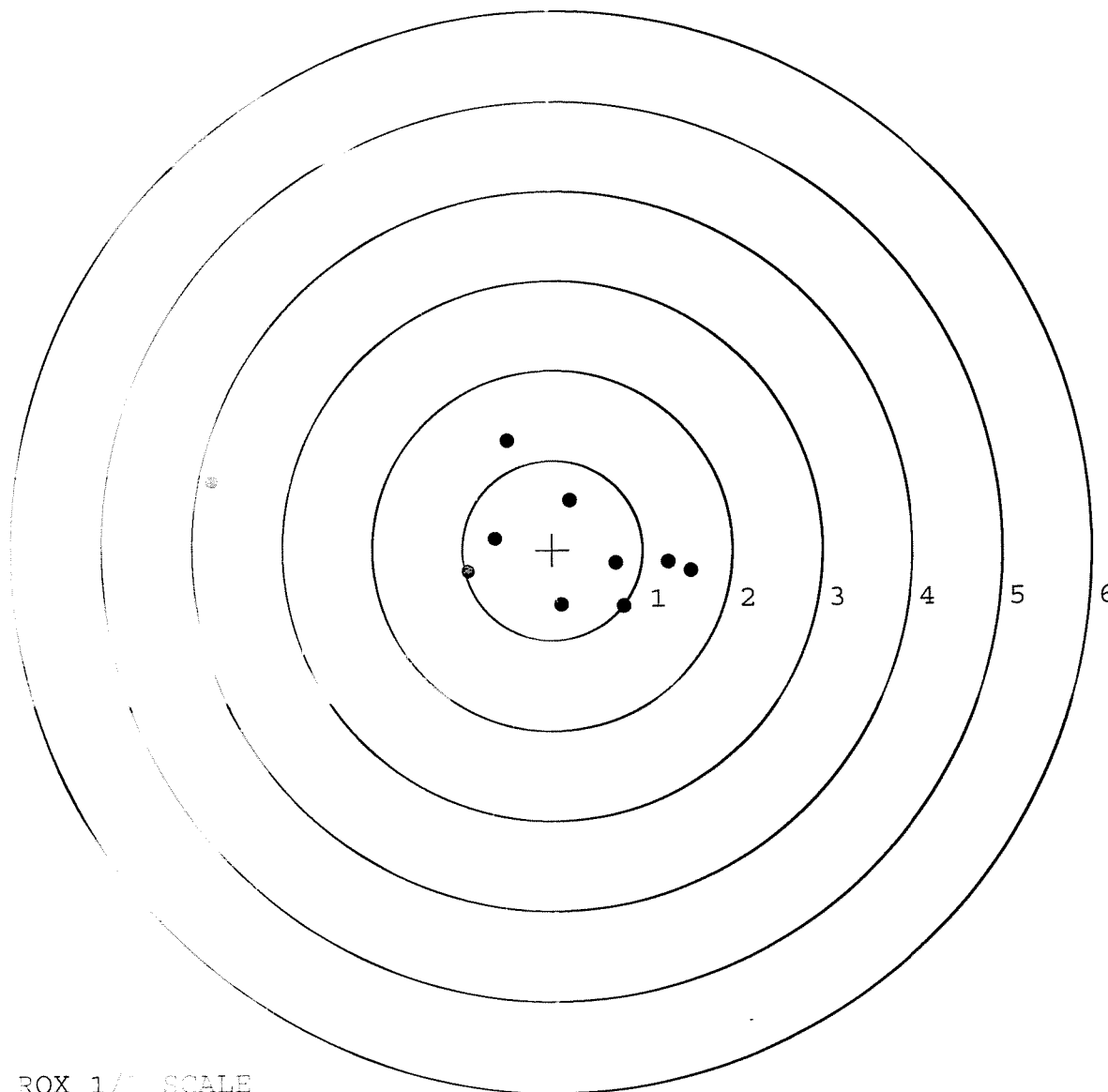


TARGET X 1/2 SCALE

SERIAL NUMBER: G6677037. 0  
 TARGET ID: 2  
 FILE DATE: 08/29/2007  
 FILE TIME: 05:06

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.539  | -0.247 |
| 2:     | 0.787  | -0.636 |
| 3:     | 0.702  | -0.160 |
| 4:     | 0.095  | -0.617 |
| 5:     | 0.196  | 0.547  |
| 6:     | -0.492 | 1.225  |
| 7:     | -0.636 | 0.131  |
| 8:     | -0.938 | -0.241 |
| 9:     | -3.772 | 0.783  |
| 10:    | 1.284  | -0.147 |

X CENTER: -0.123  
 Y CENTER: 0.064  
 POA TARGET ID: 0.139  
 HORZ: 5.311  
 VERT: 1.861  
 GROUP ID: 5.410  
 MIN RANGE: 0.517  
 MAX RANGE: 3.719  
 MEAN RANGE: 1.274  
 # IN 1 DIAMETER: 0  
 # IN 2 DIAMETER: 5  
 # IN 3 DIAMETER: 8

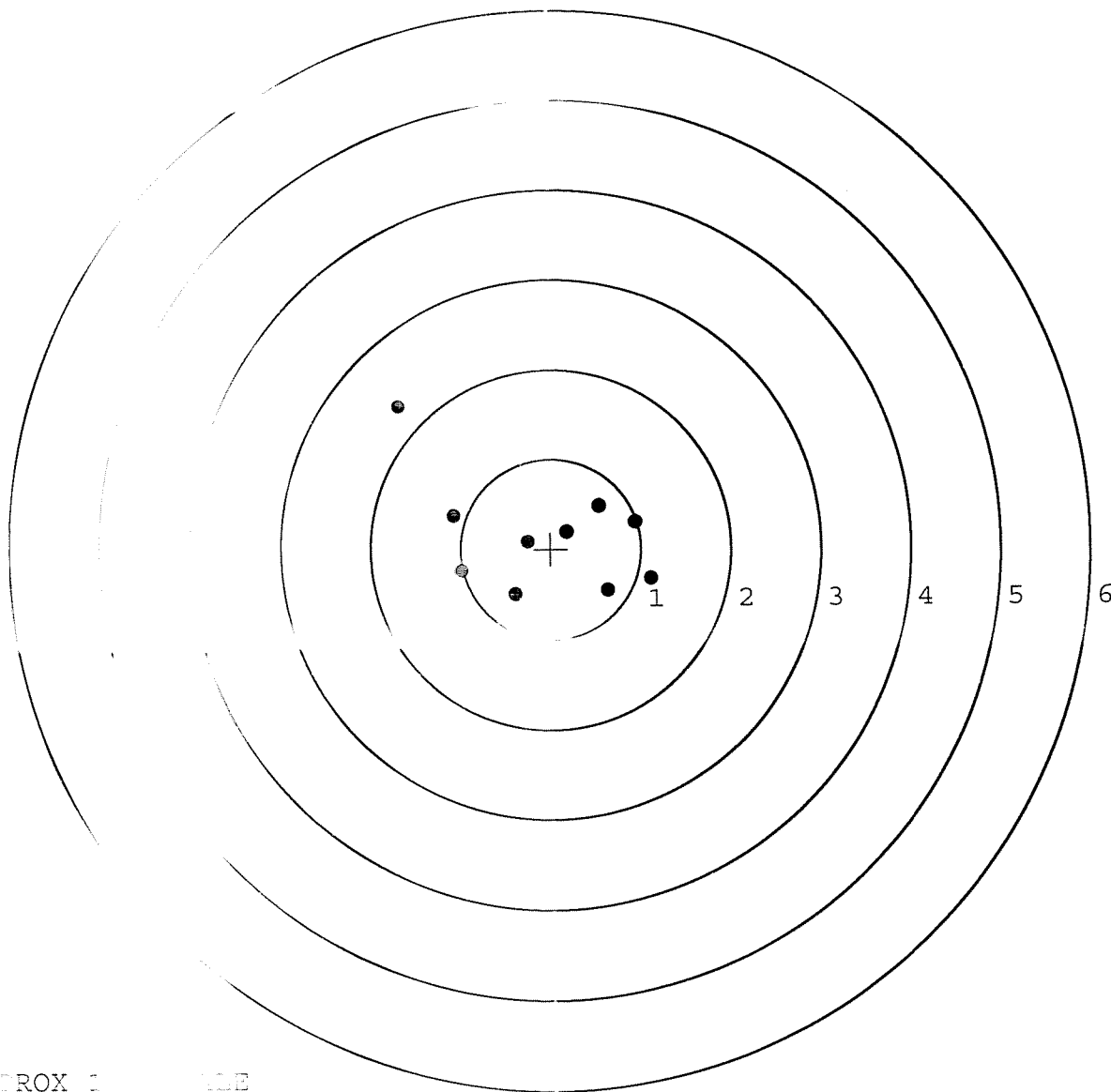


TARGET PROX 1/1 SCALE

SERIAL NUMBER: G6677037. 0  
 TARGET NUMBER: 3  
 FILE DATE: 08/29/2007  
 FILE TIME: 05:06

X CENTROID: -0.102  
 Y CENTROID: 0.147  
 PCA TRANSFORMED:  
 HORIZONTAL: 2.796  
 VERTICAL: 2.100  
 GROUP SPREAD: 3.400  
 MIN RADIUS: 0.171  
 MAX RADIUS: 0.147  
 MEAN RADIUS: 0.931  
 # in 1 DIAMETER: 2  
 # in 2 DIAMETER: 7  
 # in 3 DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.110  | -0.338 |
| 2:     | 0.934  | 0.295  |
| 3:     | 0.537  | 0.475  |
| 4:     | 0.632  | -0.461 |
| 5:     | 0.179  | 0.189  |
| 6:     | -0.260 | 0.083  |
| 7:     | -0.399 | -0.504 |
| 8:     | -0.991 | -0.241 |
| 9:     | -1.074 | 0.378  |
| 10:    | -1.686 | 1.596  |

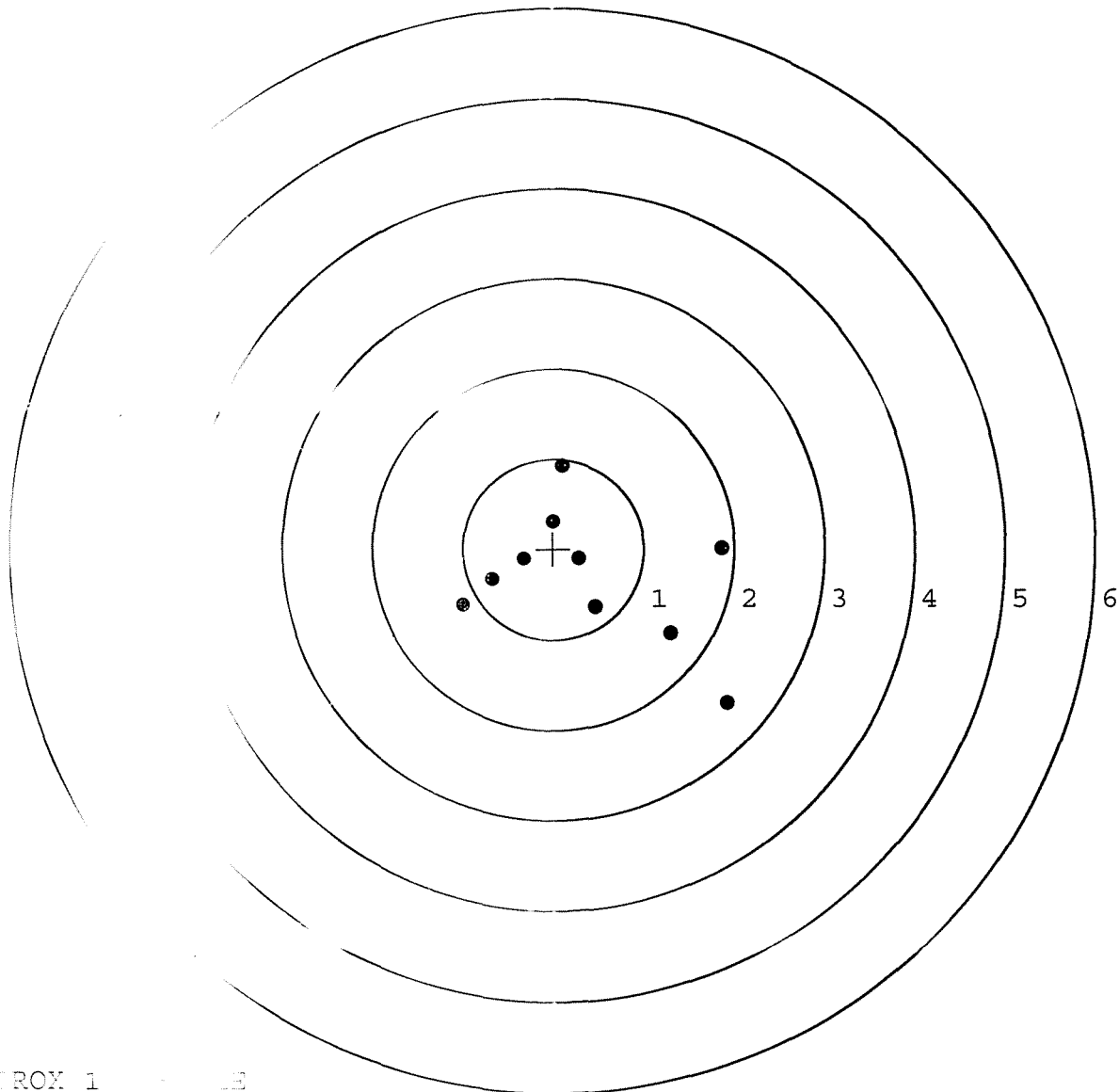


TARGET PROX 1. 1.110

SERIAL NUMBER: 00000027.00  
 TARGET NUMBER: 1  
 FILE DATE: 08/29/00  
 FILE TIME: 05:00

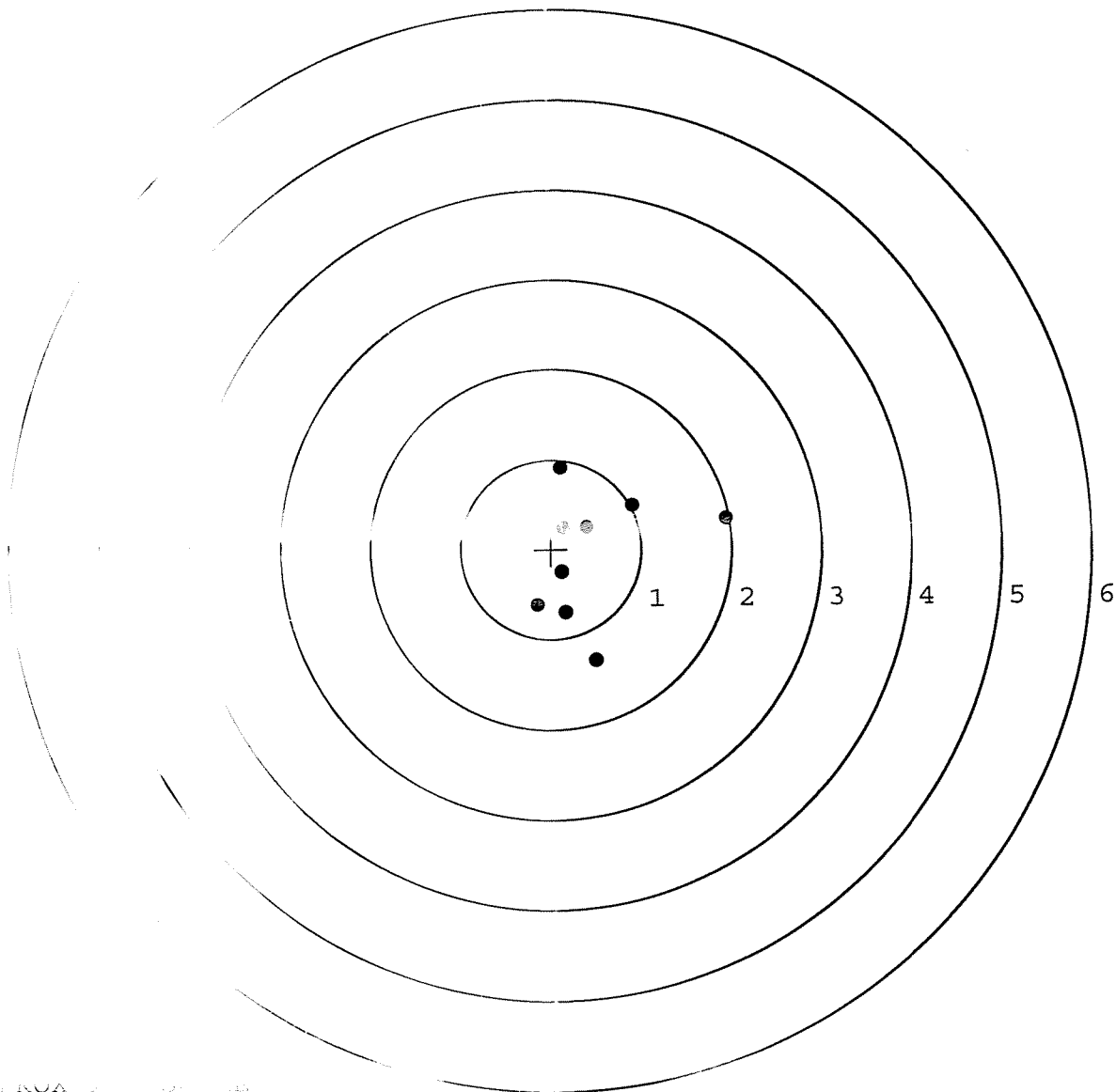
| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.916  | -1.702 |
| 2:     | 1.289  | -0.936 |
| 3:     | 1.866  | 0.011  |
| 4:     | 0.461  | -0.645 |
| 5:     | 0.284  | -0.108 |
| 6:     | -0.008 | 0.303  |
| 7:     | 0.105  | 0.921  |
| 8:     | -0.325 | -0.108 |
| 9:     | -0.677 | -0.339 |
| 10:    | -1.001 | -0.626 |

X CENTROID: 0.391  
 Y CENTROID: 0.323  
 POA TO CENTROID: 0.507  
 HORZ SPREAD: 2.917  
 VERT SPREAD: 2.623  
 GROUP SPREAD: 3.187  
 MIN RAD: 0.240  
 MAX RAD: 0.056  
 MEAN RAD: 0.048  
 # 1 1 DIAMETER 2  
 # 1 2 DIAMETER 4  
 # 1 3 DIAMETER 8



TARGET APPROX 1.000000

|                  |      |        |        |        |
|------------------|------|--------|--------|--------|
| SERIAL NUMBER: C | 7.0  | POINT# | X      | Y      |
| TARGET NUMBER:   |      | 1:     | 1.936  | 0.331  |
| FILE DATE: 08/26 |      | 2:     | 0.903  | 0.483  |
| FILE TIME: 05:0  |      | 3:     | -0.17  | -1.245 |
|                  |      | 4:     | -0.823 | 0.251  |
| X CENTROID:      | .326 | 5:     | 0.109  | 0.907  |
| Y CENTROID:      | .038 | 6:     | 0.396  | 0.245  |
| POA TO CENROID:  | .328 | 7:     | 0.137  | 0.237  |
| HORE SPREAD:     | .759 | 8:     | 0.116  | -0.258 |
| VERT SPREAD:     | .152 | 9:     | 0.155  | -0.711 |
| GROUP SPREAD:    | .760 | 10:    | -0.155 | -0.621 |
| MIN RADII:       | .292 |        |        |        |
| MAX RADII:       | .652 |        |        |        |
| MEAN RADII:      | .818 |        |        |        |
| # IN 1 IAMB:     | 3    |        |        |        |
| # IN 2 IAMB:     | 7    |        |        |        |
| # IN 3 IAMB:     | 9    |        |        |        |



TARGET AREA: 100.00