

G6645607

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

- INSTRUCTION BOOK 3518

DD FORM 200348



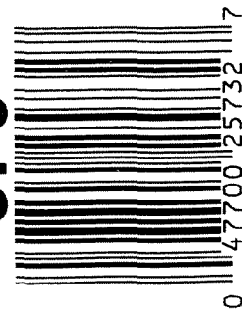
ORDER NO. **25732**

BARREL LENGTH 24"

CAPACITY 5

**G6645607**

**UPC**



**ORDER 25732**

M/24 7.62 NATO (RIFLE ONLY)

**UPC**



**ORDER 25732**

M/24 7.62 NATO (RIFLE ONLY)

**UPC**



SERIAL NO.



GUN SERIAL # 66645607

| OP #         | OPERATION NAME                                                                                                                         | READINGS                                          | DATE    | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|---------|---------|
| 410          | SERIALIZE BOLT HANDLE                                                                                                                  |                                                   | 5-7-07  | TR      |
| 420          | ASSEMBLE ACTION                                                                                                                        |                                                   | 5-4-07  | SPD     |
| 430          | ASSEMBLE TO STOCK                                                                                                                      |                                                   | 5-7-07  | TR      |
| 440          | PROOF                                                                                                                                  |                                                   | 5-7-07  | Fm      |
| 460          | CHECK HEADSPACE                                                                                                                        |                                                   | 5-7-07  | Fm      |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    |                                                   |         |         |
| 480          | MAGNAFLUX BBL ACTION                                                                                                                   | MAGNA - FLUX<br>MAY 10 2008<br>OPERATOR <u>mm</u> | 5/10/07 | mm      |
| 490          | MAGNAFLUX BOLT                                                                                                                         |                                                   |         |         |
| 500          | ROLLMARK CALIBER                                                                                                                       |                                                   | 5-9-07  | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                                                   | 5-9-07  | TR      |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                                                   | 5-10-07 | LB      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                                                   |         |         |
|              | (BOLT)                                                                                                                                 |                                                   | 5-17-07 | W       |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                                                   |         |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                                                   | 5-17-07 | SPD     |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                                                   | 5-17-07 | SPD     |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                                                   | 5-17-07 | SPD     |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                                                   | 5-24-07 | SPD     |
|              | 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

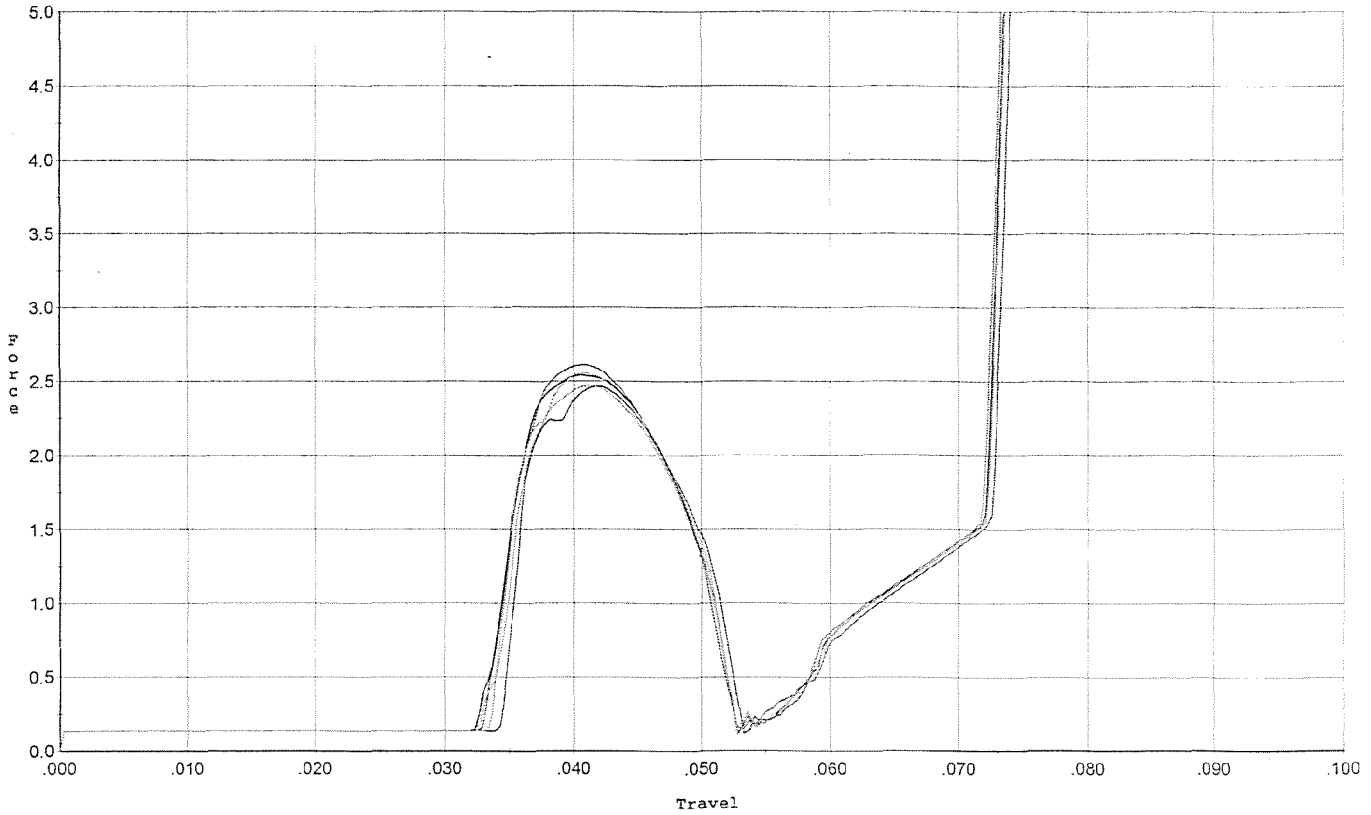
| OP #         | OPERATION NAME                                                           | READINGS                                               | DATE    | INITIAL |
|--------------|--------------------------------------------------------------------------|--------------------------------------------------------|---------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>7.25</u> <u>7.50</u> <u>7.25</u>                    | 6/1/07  | mm      |
| CONT.        |                                                                          |                                                        |         |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>4.50</u> <u>4.75</u> <u>5.25</u>                    | 6/7/07  | mm      |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                        |         |         |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.024</u> <u>.024</u> <u>.024</u>                    | 6/7/07  | mm      |
|              | J) ASSEMBLE STOCK                                                        |                                                        | 5-24-07 | P.P.D.  |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                        | 6-7-07  | 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<br><u>PASS</u> FAIL                   | 5/31/07 | mm      |
|              | MALFUNCTION                                                              | CORRECTION                                             |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                             |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                             |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                             |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                        | 5-31-07 | SD      |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                        | 6-7-07  | P.P.D.  |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>266</u> <u>267</u> <u>279</u> <u>251</u> <u>250</u> | 6/7/07  | mm      |
|              | C) FUNCTION                                                              |                                                        | 6-7-07  | P.P.D.  |
| 690          | PACK                                                                     |                                                        | 6/11-07 | RA      |

F004 REV 5/2006

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 5/24

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



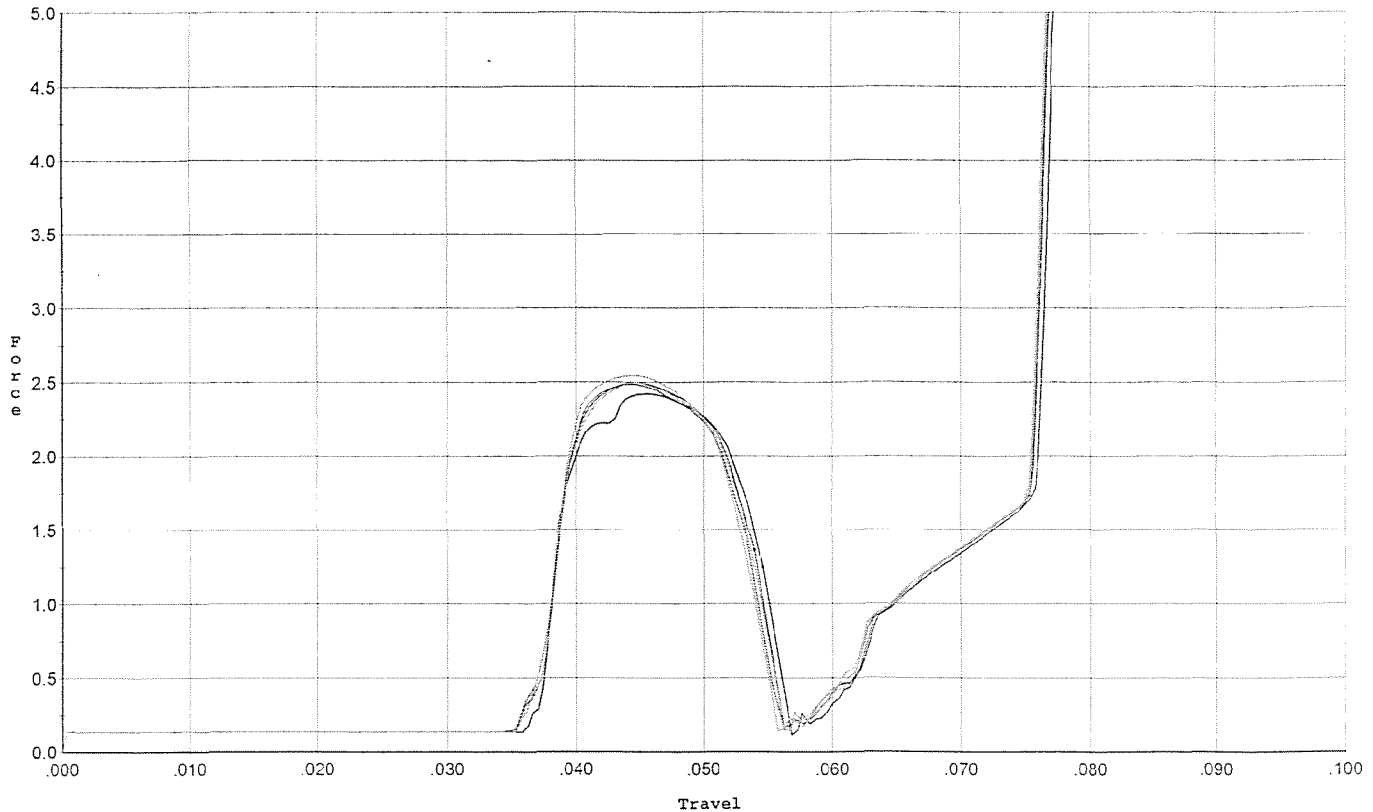
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.464      | 0.051             | 0.035           | 0.031      | 0.038             |           | Set Trigger |
| 2 | 2.542      | 0.051             | 0.033           | 0.031      | 0.040             |           | Set Trigger |
| 3 | 2.609      | 0.050             | 0.033           | 0.031      | 0.039             |           | Set Trigger |
| 4 | 2.555      | 0.051             | 0.034           | 0.031      | 0.039             |           | Set Trigger |
| 5 | 2.472      | 0.051             | 0.033           | 0.031      | 0.038             |           | Set Trigger |

Avg 2.52

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 5/24

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



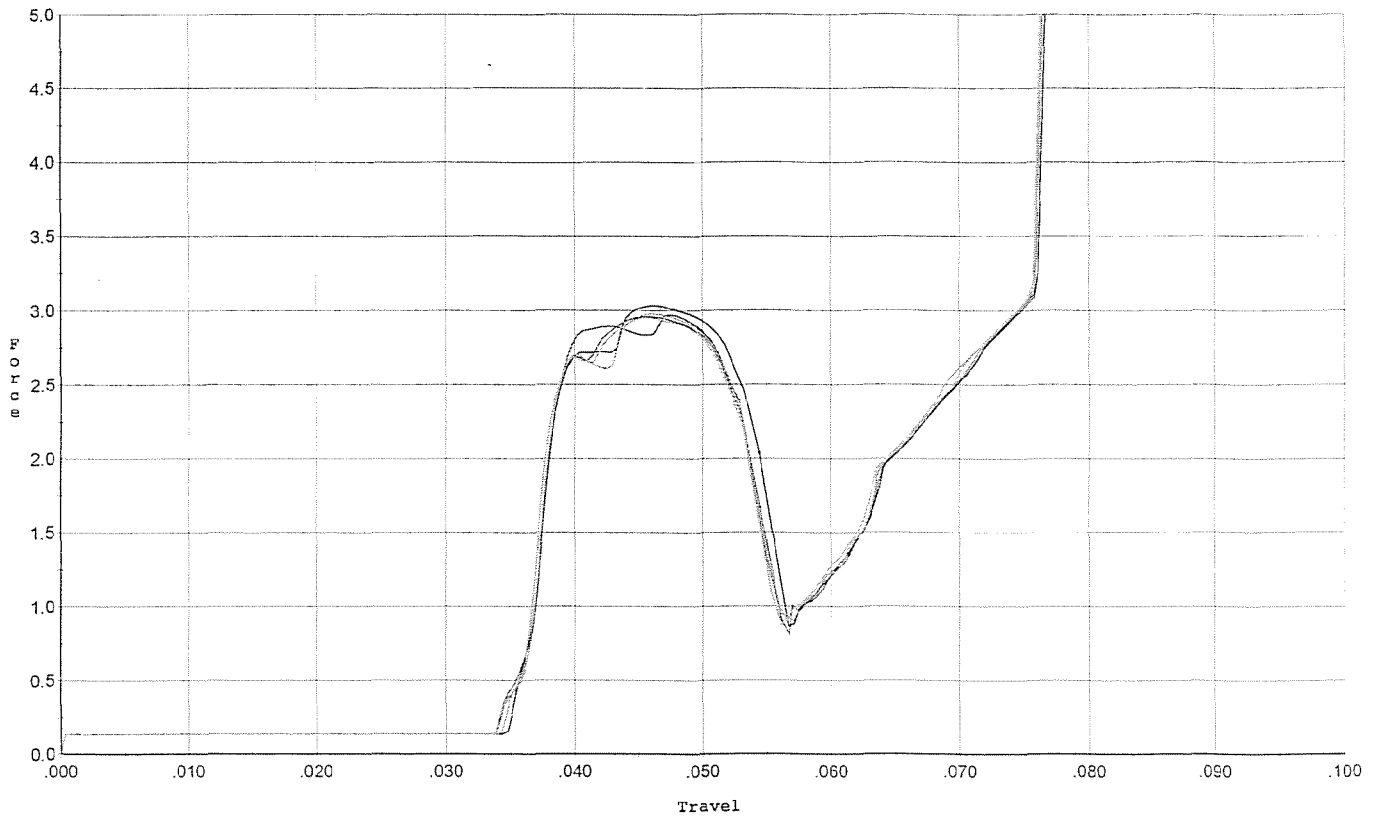
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.499      | 0.054             | 0.036           | 0.030      | 0.041             |           | Set Trigger |
| 2 | 2.423      | 0.055             | 0.037           | 0.030      | 0.041             |           | Set Trigger |
| 3 | 2.484      | 0.053             | 0.036           | 0.031      | 0.040             |           | Set Trigger |
| 4 | 2.544      | 0.054             | 0.036           | 0.031      | 0.041             |           | Set Trigger |
| 5 | 2.497      | 0.054             | 0.036           | 0.030      | 0.041             |           | Set Trigger |

Avg 2.48

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 5/24

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



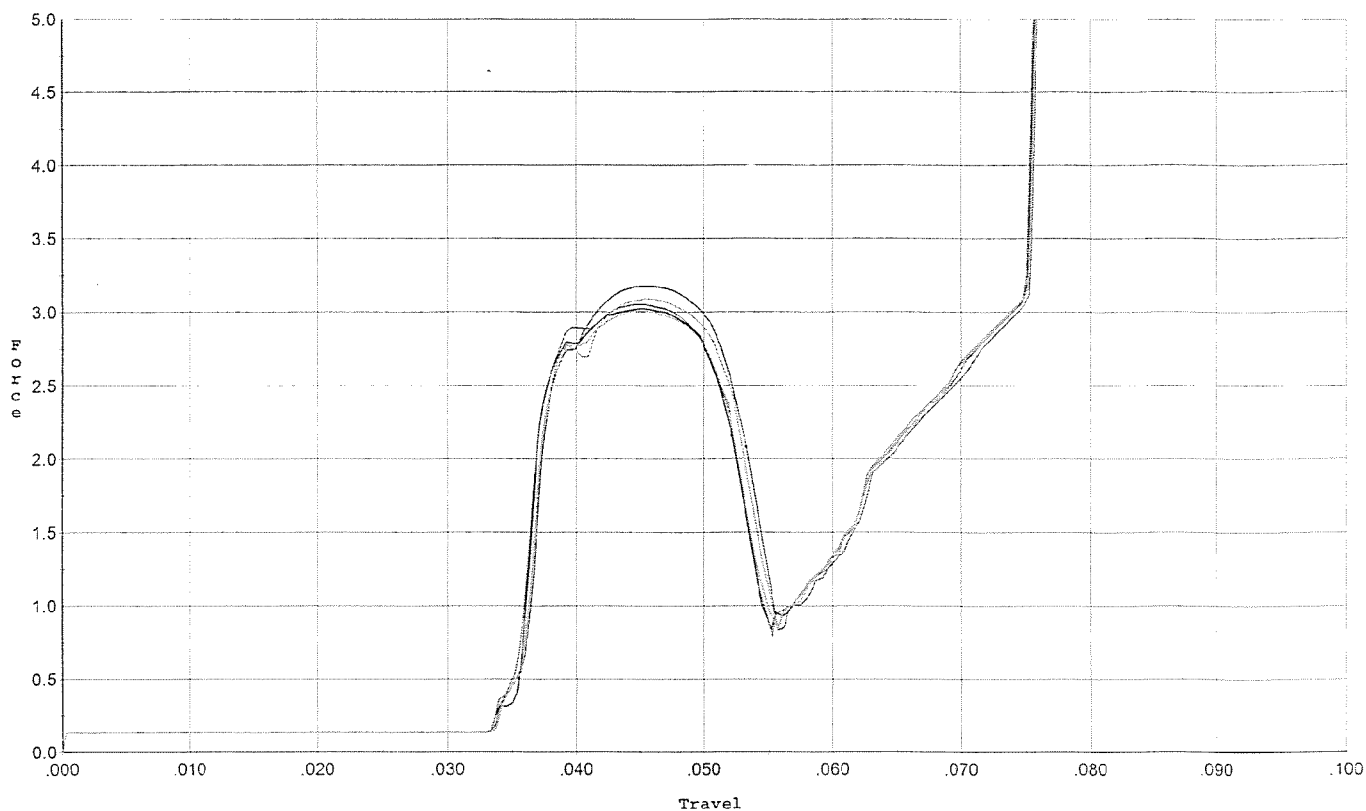
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.971      | 0.054             | 0.034           | 0.029      | 0.053             |           | Set Trigger |
| 2 | 3.032      | 0.054             | 0.035           | 0.029      | 0.054             |           | Set Trigger |
| 3 | 2.959      | 0.053             | 0.034           | 0.029      | 0.050             |           | Set Trigger |
| 4 | 2.951      | 0.053             | 0.034           | 0.029      | 0.050             |           | Set Trigger |
| 5 | 2.980      | 0.053             | 0.035           | 0.029      | 0.050             |           | Set Trigger |

Aug 2.97

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 5/24

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



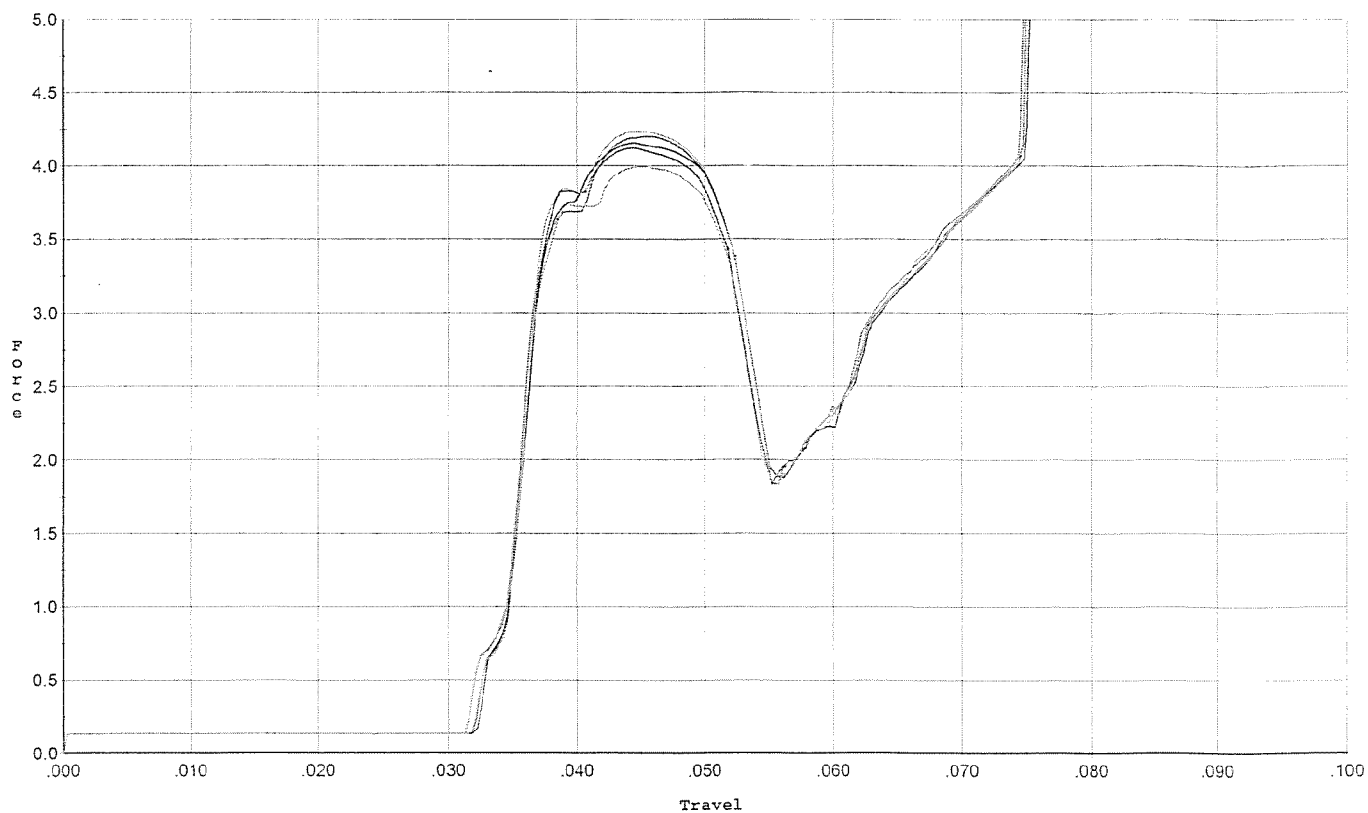
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.176      | 0.053             | 0.034           | 0.029      | 0.054             |           | Set Trigger |
| 2 | 3.021      | 0.052             | 0.034           | 0.030      | 0.051             |           | Set Trigger |
| 3 | 3.052      | 0.052             | 0.034           | 0.030      | 0.051             |           | Set Trigger |
| 4 | 3.006      | 0.052             | 0.034           | 0.030      | 0.050             |           | Set Trigger |
| 5 | 3.088      | 0.052             | 0.034           | 0.029      | 0.052             |           | Set Trigger |

Avg 3.06

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 5/24

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



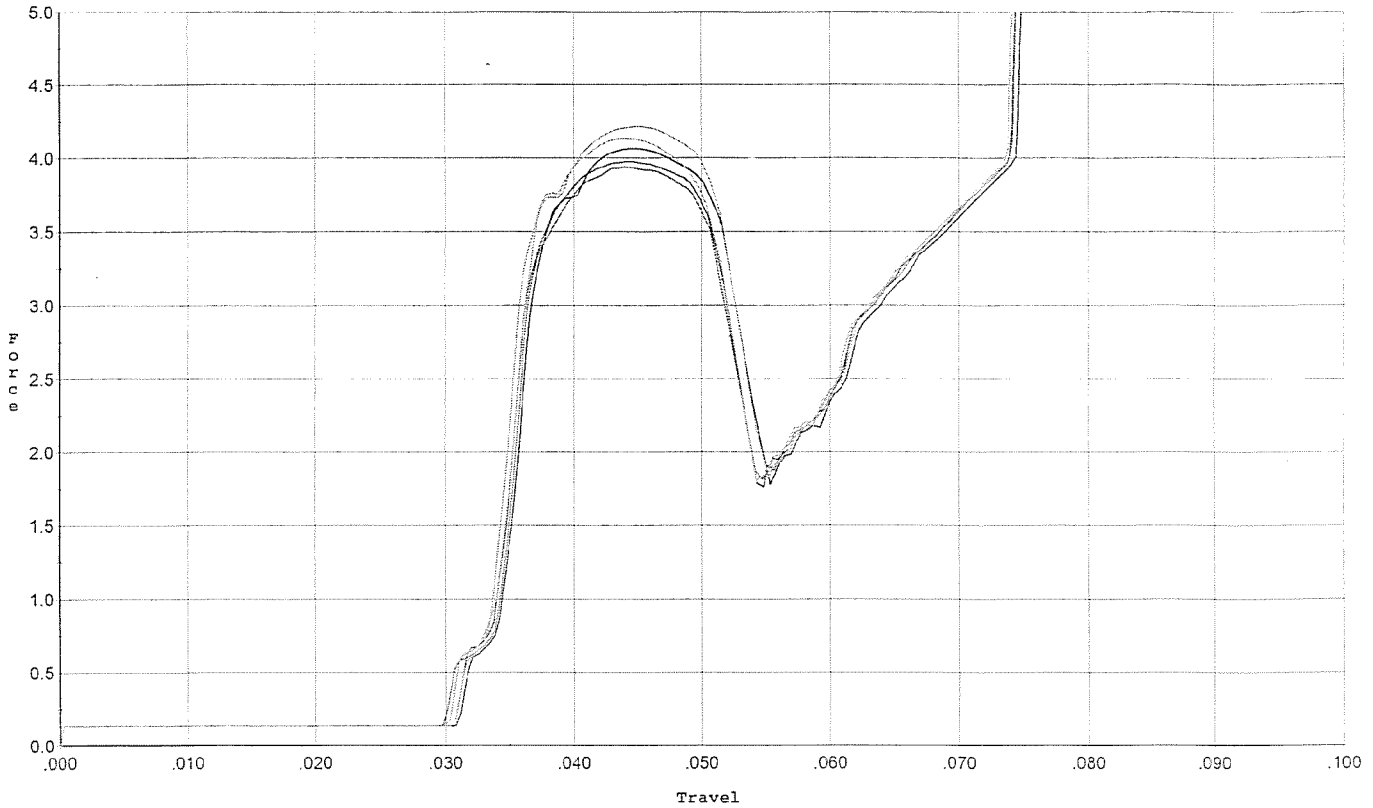
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.120      | 0.052             | 0.032           | 0.027      | 0.071             |           | Set Trigger |
| 2 | 4.153      | 0.052             | 0.033           | 0.027      | 0.073             |           | Set Trigger |
| 3 | 4.199      | 0.052             | 0.032           | 0.027      | 0.074             |           | Set Trigger |
| 4 | 4.234      | 0.052             | 0.032           | 0.027      | 0.075             |           | Set Trigger |
| 5 | 3.993      | 0.052             | 0.032           | 0.028      | 0.070             |           | Set Trigger |

AVG 4.14

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 5/24

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



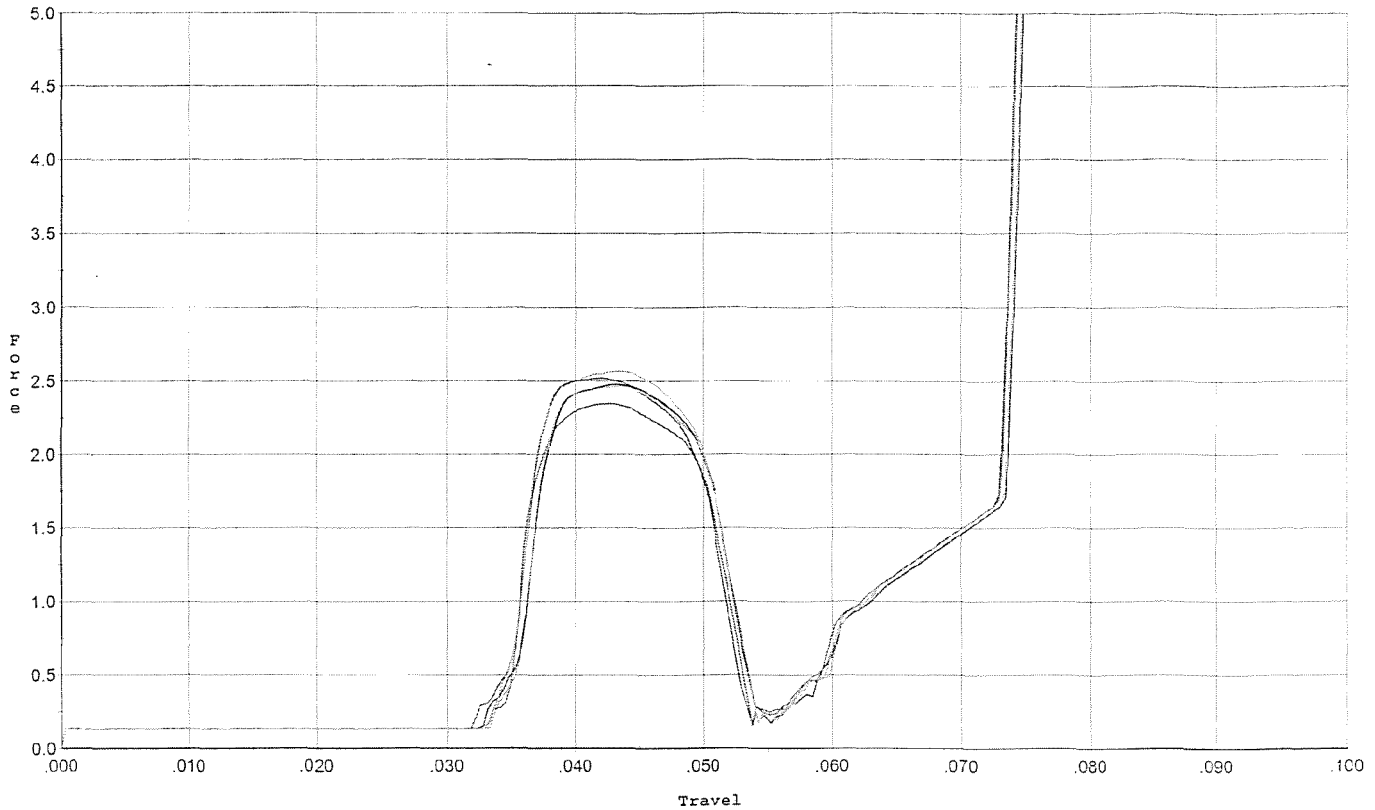
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.976      | 0.052             | 0.031           | 0.027      | 0.071             |           | Set Trigger |
| 2 | 4.065      | 0.052             | 0.031           | 0.027      | 0.071             |           | Set Trigger |
| 3 | 3.940      | 0.052             | 0.030           | 0.027      | 0.070             |           | Set Trigger |
| 4 | 4.134      | 0.051             | 0.031           | 0.027      | 0.073             |           | Set Trigger |
| 5 | 4.215      | 0.051             | 0.031           | 0.027      | 0.075             |           | Set Trigger |

Avg 4.06

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 5/24

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



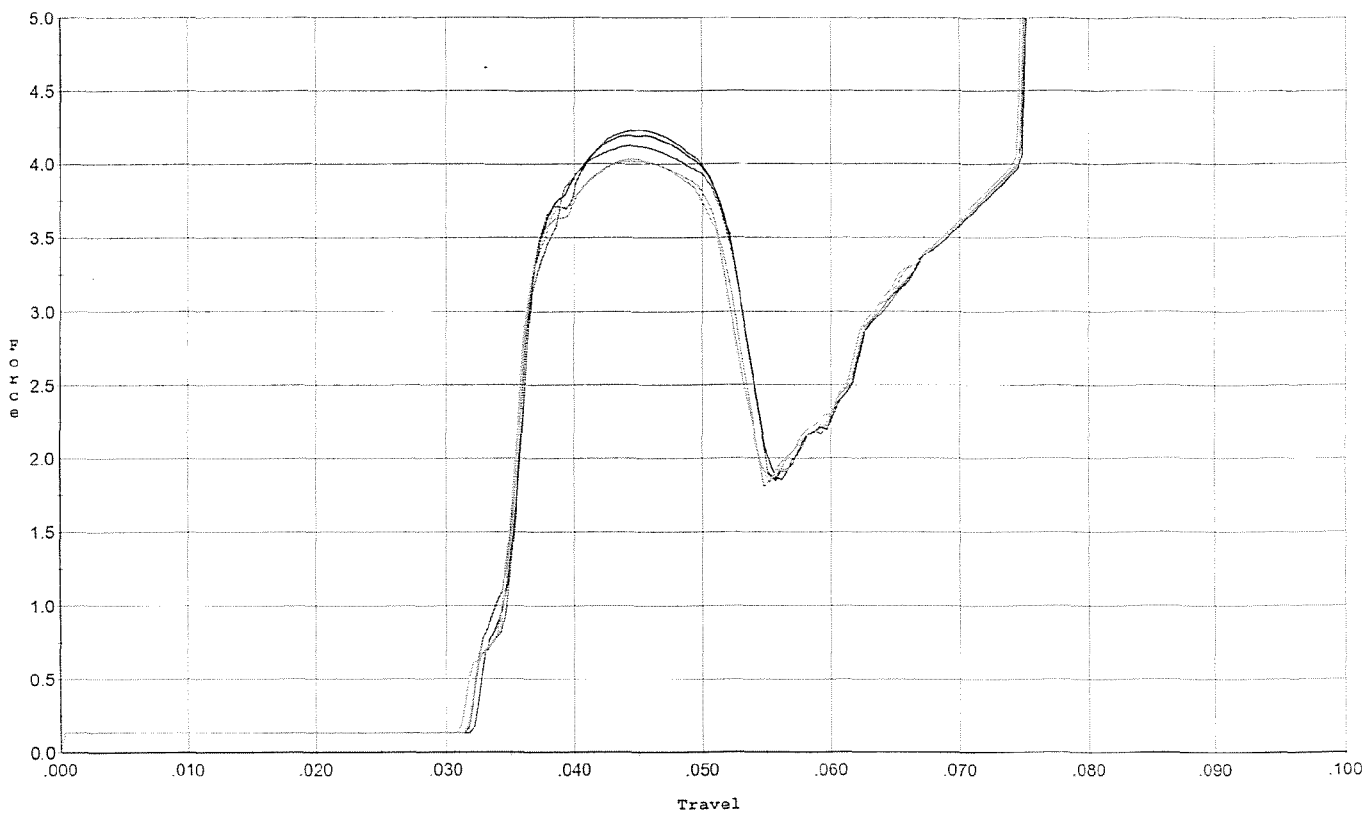
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.520      | 0.050             | 0.032           | 0.031      | 0.040             |           | Set Trigger |
| 2 | 2.477      | 0.051             | 0.033           | 0.031      | 0.039             |           | Set Trigger |
| 3 | 2.347      | 0.052             | 0.034           | 0.030      | 0.039             |           | Set Trigger |
| 4 | 2.566      | 0.051             | 0.033           | 0.030      | 0.041             |           | Set Trigger |
| 5 | 2.466      | 0.051             | 0.034           | 0.031      | 0.039             |           | Set Trigger |

Avg 2.47

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 5/24

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 | 4.234      | 0.052             | 0.032           | 0.027      | 0.075             |           | Set Trigger |
| 2 | 4.196      | 0.052             | 0.032           | 0.027      | 0.074             |           | Set Trigger |
| 3 | 4.123      | 0.052             | 0.032           | 0.027      | 0.074             |           | Set Trigger |
| 4 | 4.034      | 0.051             | 0.031           | 0.028      | 0.070             |           | Set Trigger |
| 5 | 4.018      | 0.052             | 0.032           | 0.027      | 0.071             |           | Set Trigger |

Avg 4.12

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6645607.\_\_\_0

FILE DATE AND TIME: 06/01/2007 15:28

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

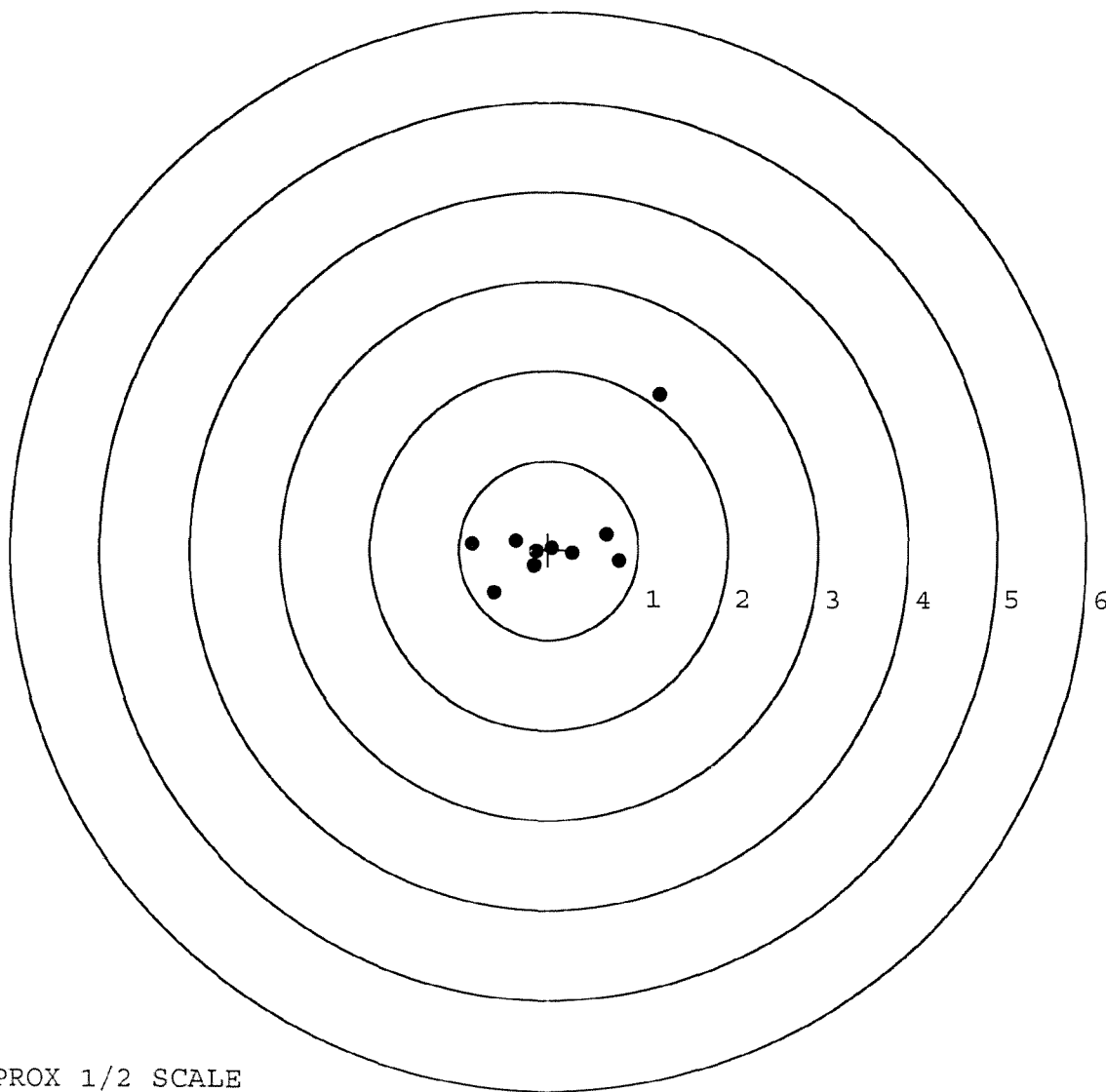
|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.120 |
| The Average Y Centroid of the Five Target Set:              | 0.012 |
| The Average Point of Impact of the Five Target Set:         | 0.120 |
| The Average Mean Radius of the Five Target Set:             | 0.640 |
| The Distance from POA to Centroid Target #1:                | 0.150 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.126 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.224 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.169 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.181 |

**BARBER - M24 0172312**

SERIAL NUMBER: G6645607. \_\_0  
 TARGET NUMBER: 1  
 FILE DATE: 06/01/2007  
 FILE TIME: 15:28

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.852 | 0.063  |
| 2:     | -0.610 | -0.486 |
| 3:     | -0.363 | 0.095  |
| 4:     | -0.163 | -0.176 |
| 5:     | 0.044  | 0.026  |
| 6:     | 0.270  | -0.046 |
| 7:     | 0.789  | -0.132 |
| 8:     | 0.640  | 0.172  |
| 9:     | 1.239  | 1.736  |
| 10:    | -0.139 | -0.015 |

X CENTROID: 0.086  
 Y CENTROID: 0.124  
 POA TO CENTROID: 0.150  
 HORZ SPREAD: 2.091  
 VERT SPREAD: 2.222  
 GROUP SPREAD: 2.891  
 MIN RADIUS: 0.106  
 MAX RADIUS: 1.982  
 MEAN RADIUS: 0.661  
 # IN 1 IN DIAMETER: 5  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

**BARBER - M24 0172313**

SERIAL NUMBER: G6645607. 0

TARGET NUMBER: 2

FILE DATE: 06/01/2007

FILE TIME: 15:28

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.477  | 0.845  |
| 2:     | 0.787  | 0.422  |
| 3:     | 0.351  | 0.132  |
| 4:     | 0.170  | 0.057  |
| 5:     | -0.140 | -0.243 |
| 6:     | -0.390 | -0.442 |
| 7:     | -0.492 | -0.884 |
| 8:     | 0.241  | 0.088  |
| 9:     | 0.259  | 0.154  |
| 10:    | 0.440  | 0.178  |

X CENTROID: 0.170

Y CENTROID: 0.031

POA TO CENTROID: 0.173

HORZ SPREAD: 1.279

VERT SPREAD: 1.729

GROUP SPREAD: 1.982

MIN RADIUS: 0.026

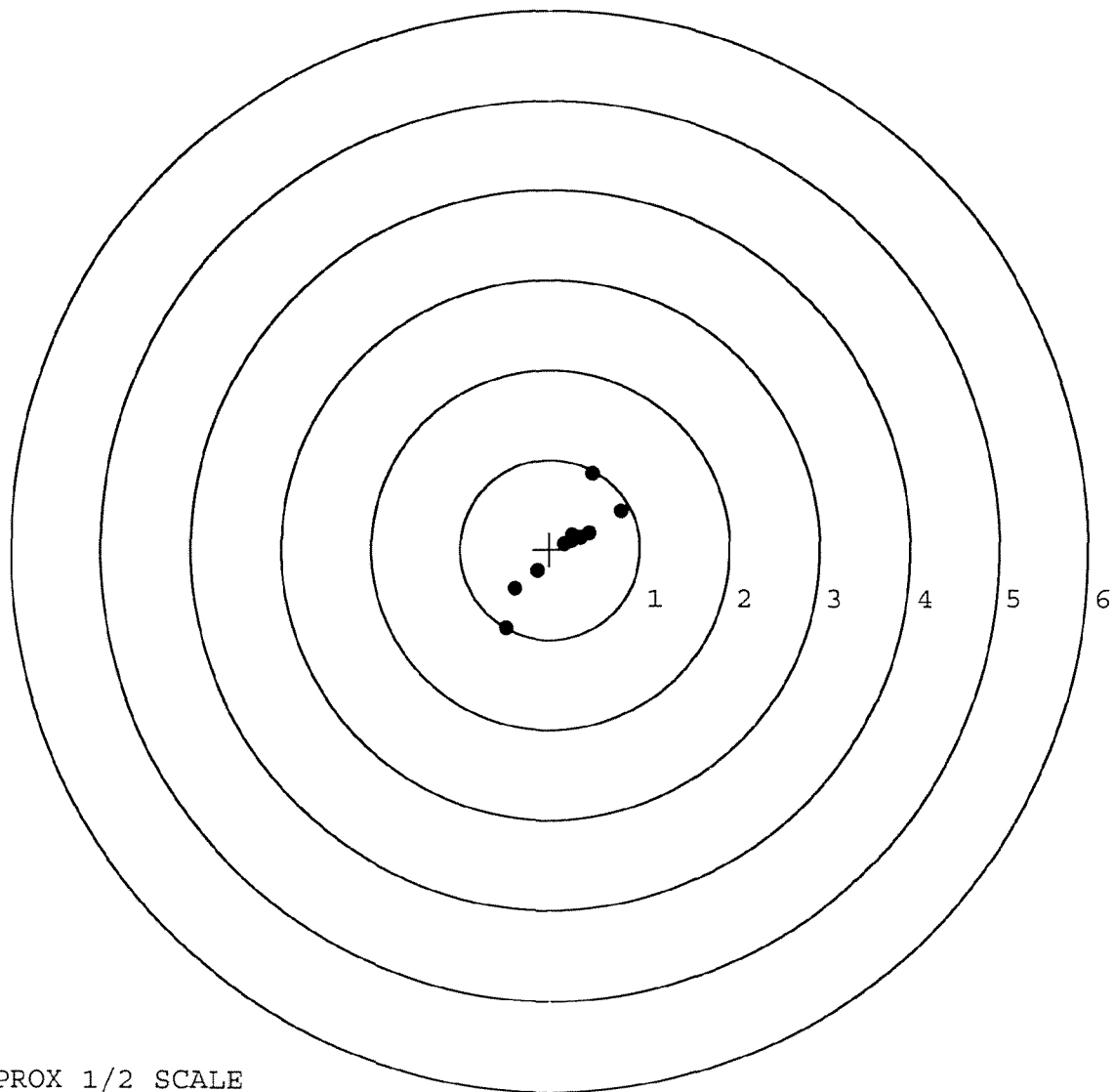
MAX RADIUS: 1.129

MEAN RADIUS: 0.466

# IN 1 IN DIAMETER: 6

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



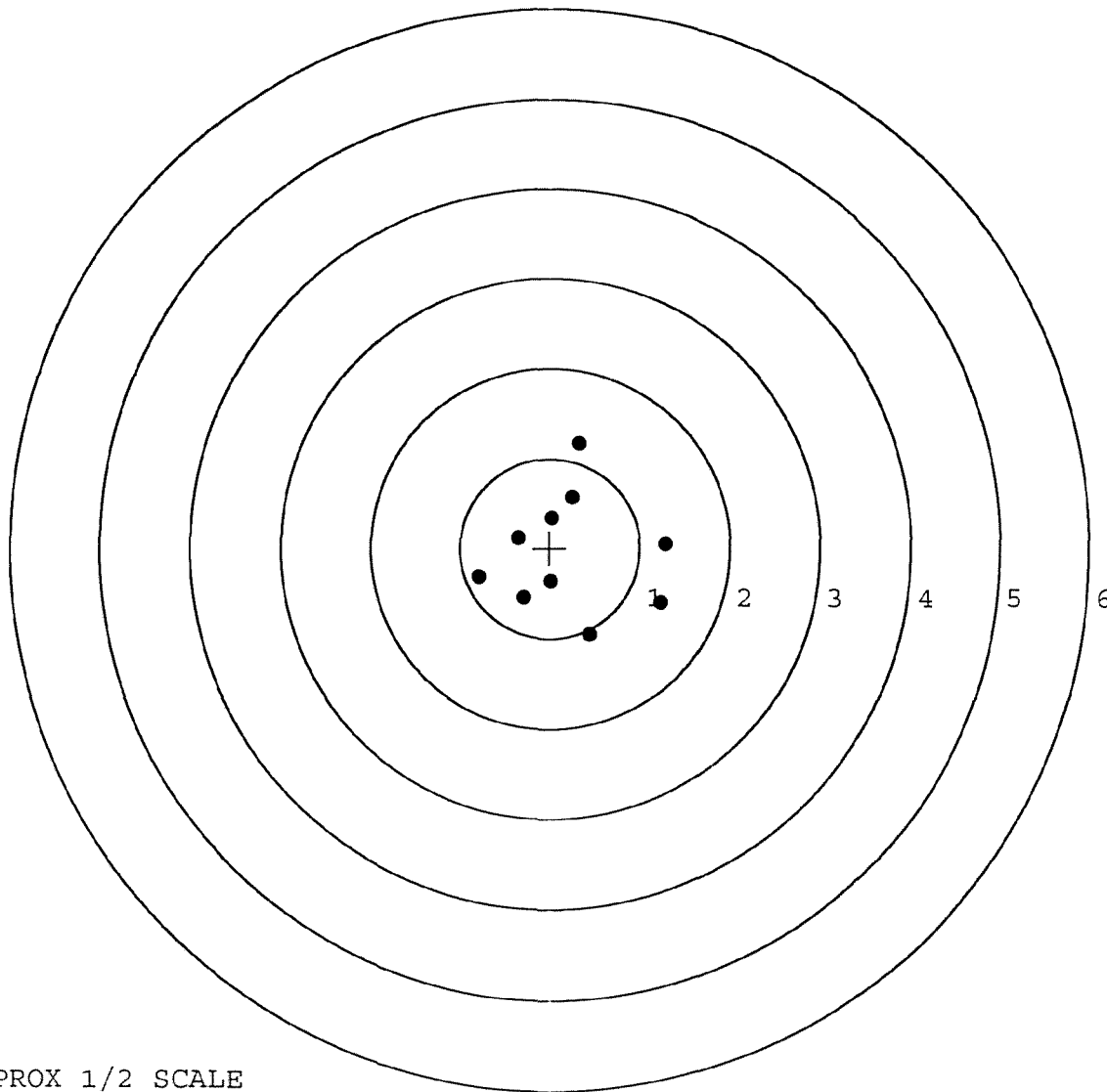
TARGET APPROX 1/2 SCALE

**BARBER - M24 0172314**

SERIAL NUMBER: G6645607. 0  
 TARGET NUMBER: 3  
 FILE DATE: 06/01/2007  
 FILE TIME: 15:28

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.327  | 1.171  |
| 2:     | 0.250  | 0.571  |
| 3:     | 0.025  | 0.339  |
| 4:     | -0.357 | 0.109  |
| 5:     | 0.020  | -0.378 |
| 6:     | -0.291 | -0.556 |
| 7:     | -0.792 | -0.325 |
| 8:     | 0.442  | -0.962 |
| 9:     | 1.231  | -0.610 |
| 10:    | 1.281  | 0.046  |

X CENTROID: 0.214  
 Y CENTROID: -0.060  
 POA TO CENTROID: 0.222  
 HORZ SPREAD: 2.073  
 VERT SPREAD: 2.133  
 GROUP SPREAD: 2.136  
 MIN RADIUS: 0.373  
 MAX RADIUS: 1.236  
 MEAN RADIUS: 0.818  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 6  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0172315**

SERIAL NUMBER: G6645607. 0

TARGET NUMBER: 4

FILE DATE: 06/01/2007

FILE TIME: 15:28

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.111 | 0.947  |
| 2:     | -0.213 | 0.504  |
| 3:     | -0.344 | 0.152  |
| 4:     | -0.353 | -0.077 |
| 5:     | -0.337 | -0.585 |
| 6:     | 0.040  | -0.702 |
| 7:     | 0.247  | -0.346 |
| 8:     | 0.549  | -0.174 |
| 9:     | 0.517  | 0.112  |
| 10:    | -0.330 | 0.200  |

X CENTROID: -0.033

Y CENTROID: 0.003

POA TO CENTROID: 0.034

HORZ SPREAD: 0.902

VERT SPREAD: 1.649

GROUP SPREAD: 1.656

MIN RADIUS: 0.329

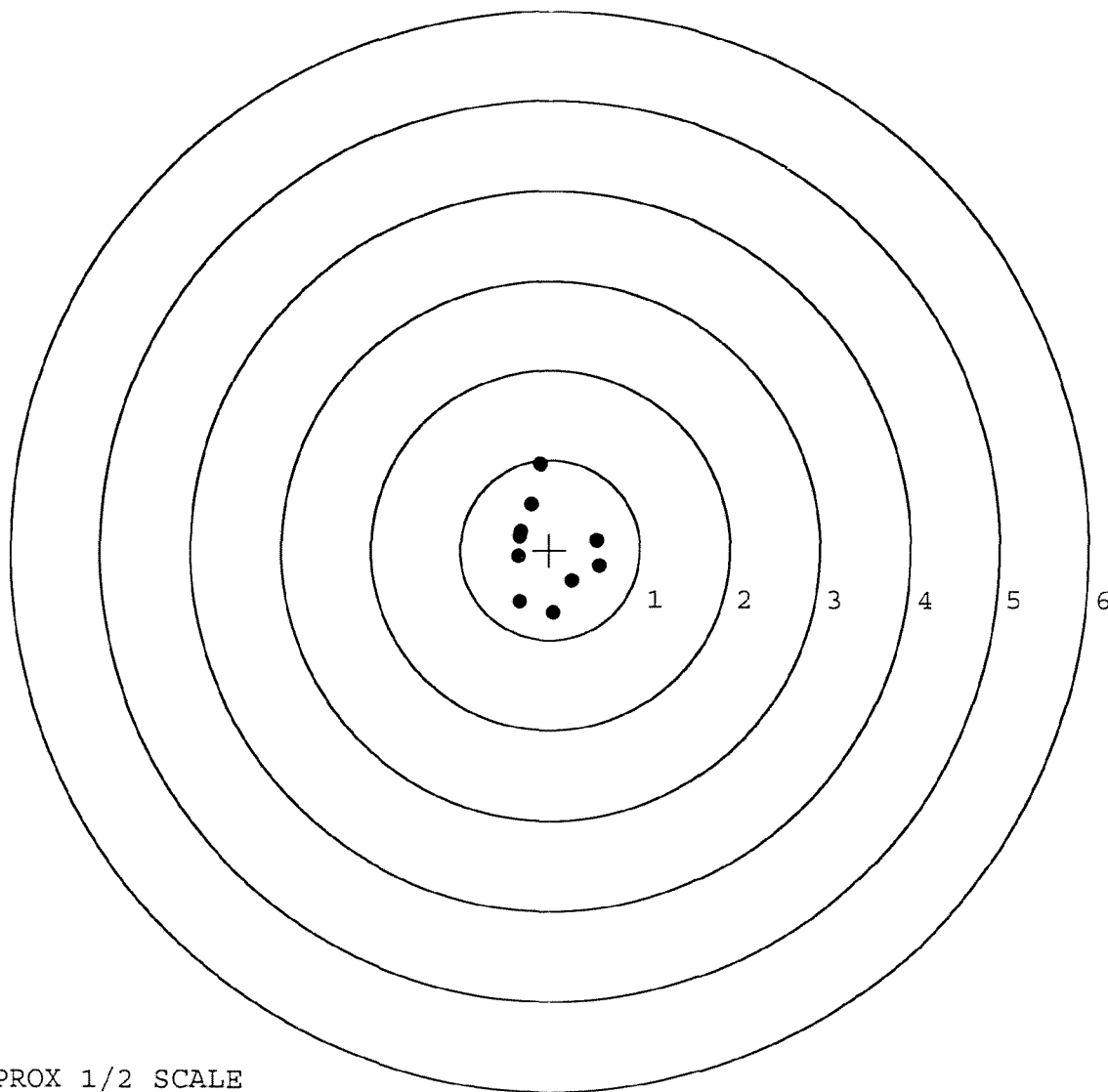
MAX RADIUS: 0.947

MEAN RADIUS: 0.550

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



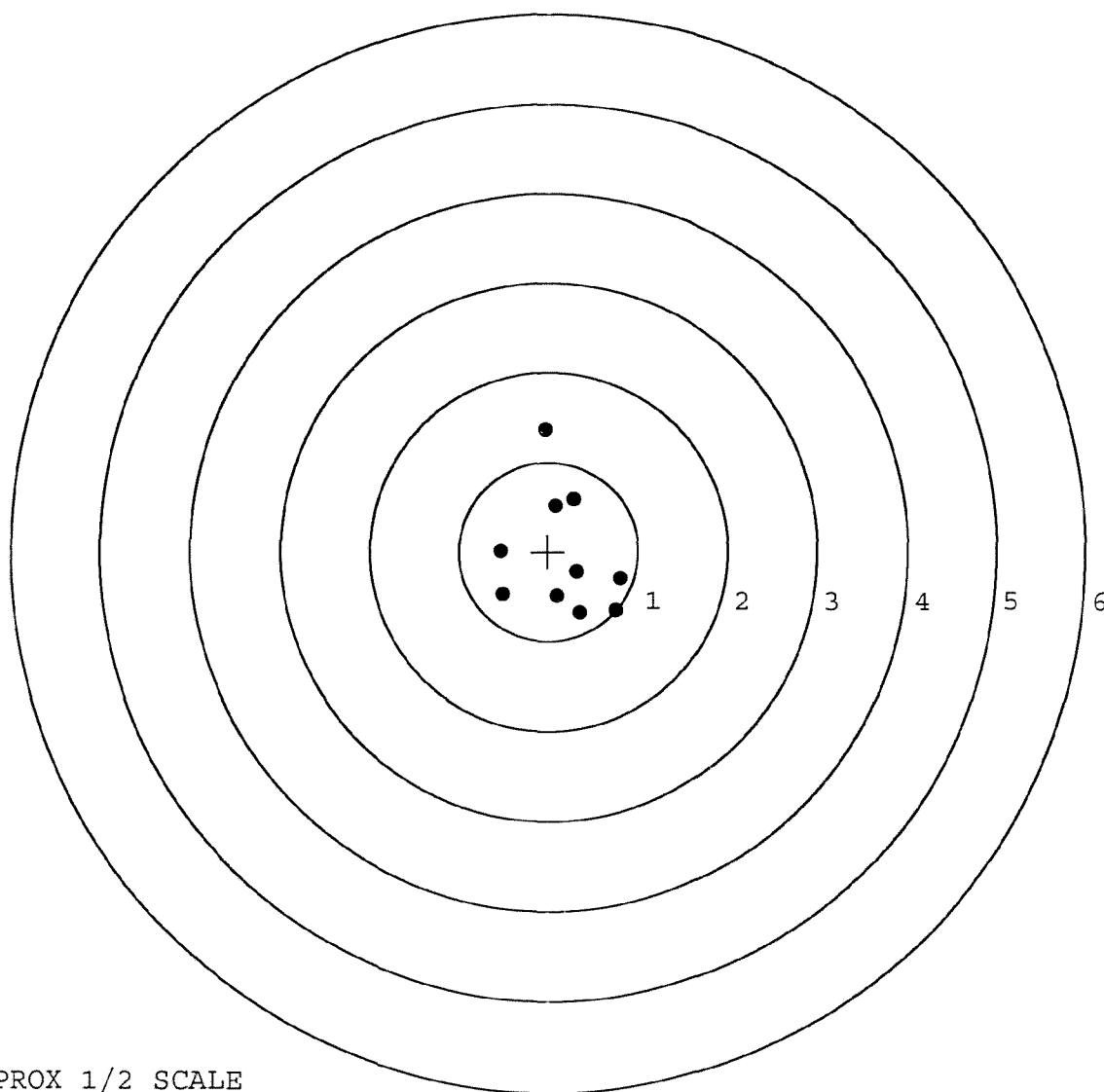
TARGET APPROX 1/2 SCALE

**BARBER - M24 0172316**

SERIAL NUMBER: G6645607. \_\_0  
 TARGET NUMBER: 5  
 FILE DATE: 06/01/2007  
 FILE TIME: 15:28

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.083  | 0.512  |
| 2:     | 0.280  | 0.583  |
| 3:     | -0.530 | 0.012  |
| 4:     | -0.512 | -0.482 |
| 5:     | 0.326  | -0.231 |
| 6:     | 0.105  | -0.504 |
| 7:     | 0.355  | -0.692 |
| 8:     | 0.749  | -0.662 |
| 9:     | 0.803  | -0.300 |
| 10:    | -0.039 | 1.363  |

X CENTROID: 0.162  
 Y CENTROID: -0.040  
 POA TO CENTROID: 0.167  
 HORZ SPREAD: 1.333  
 VERT SPREAD: 2.055  
 GROUP SPREAD: 2.173  
 MIN RADIUS: 0.252  
 MAX RADIUS: 1.417  
 MEAN RADIUS: 0.706  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE