

G6591709

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

- INSTRUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker



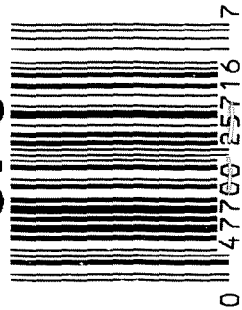
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6591709

UPC



**ORDER 25716**  
M/24 7.62 NATO S.W.S. (COMPLETE SYST  
**UPC**



**ORDER 25716**  
M/24 7.62 NATO S.W.S. (COMPLETE SYST  
**UPC**



SERIAL NO.



## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6591709

| OP #         | OPERATION NAME                                                                                                                         | READINGS                | DATE     | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------|---------|
| 410          | SERIALIZE BOLT HANDLE                                                                                                                  |                         | 10-6-06  | RTZ     |
| 420          | ASSEMBLE ACTION                                                                                                                        |                         | 10-6-06  | BLG     |
| 430          | ASSEMBLE TO STOCK                                                                                                                      |                         | 10-7-06  | WRC     |
| 440          | PROOF                                                                                                                                  |                         | 10-7-06  | TRLW    |
| 460          | CHECK HEADSPACE                                                                                                                        | MAGNA-FLUX<br>INSPECTED | 10-7-06  | TRLW    |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    | OCT 10 2006             | 10-9-06  | RTZ     |
| 480          | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR <u>APD</u>     | 11-10-06 | APD     |
| 490          | MAGNAFLUX BOLT                                                                                                                         |                         |          |         |
| 500          | ROLLMARK CALIBER                                                                                                                       |                         | 10-10-06 | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                         | 10-9-06  | TRLW    |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                         | 10-11-06 | LB      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                         |          |         |
|              | (BOLT)                                                                                                                                 |                         | 10/18/06 | TRB     |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                         | 10-25-06 | SD      |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                         |          |         |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                         | 10-25-06 | SD      |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                         | 10-25-06 | SD      |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                         | 11-7-06  | BLG     |
|              | 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

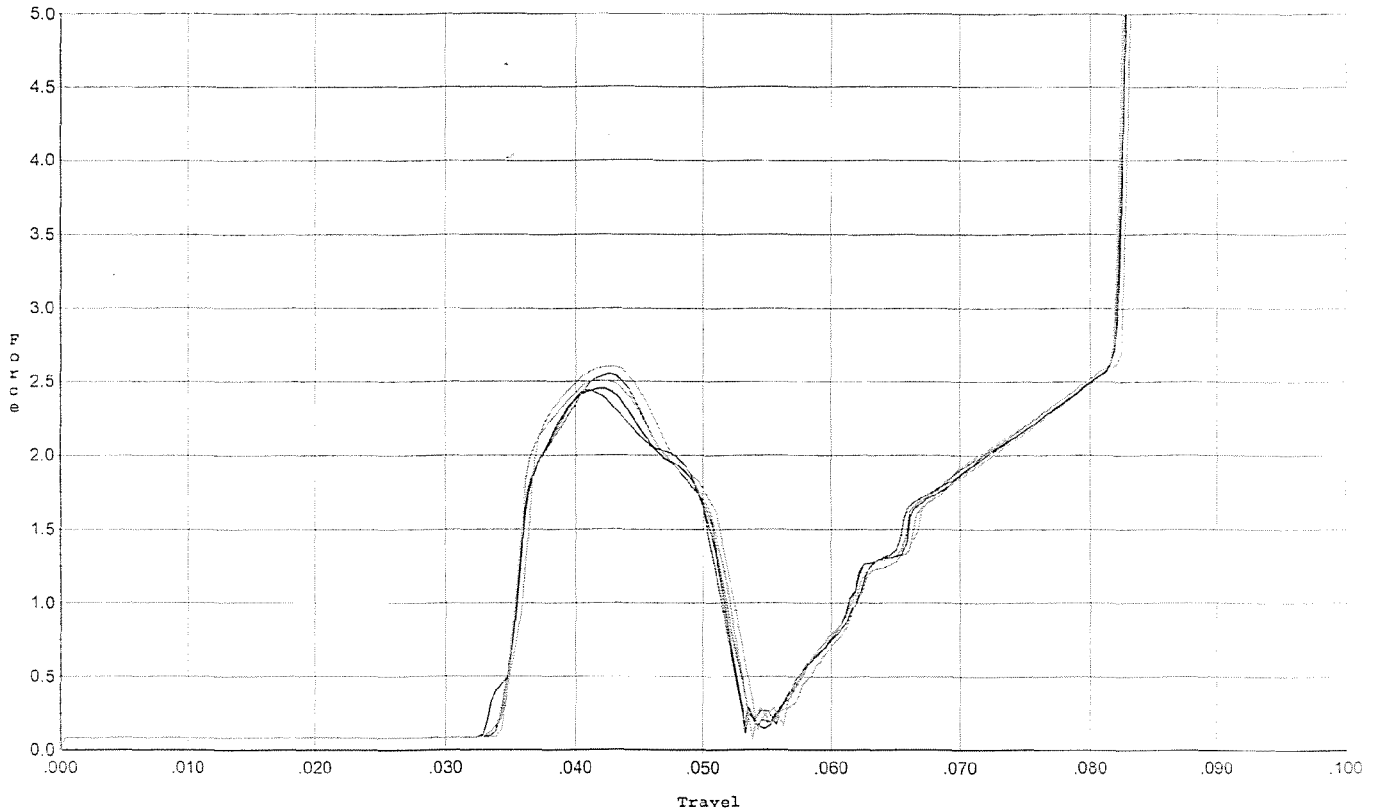
| OP #         | OP # 0 BARBER M24 M169909                                                | READINGS                                               | DATE     | INITIAL |
|--------------|--------------------------------------------------------------------------|--------------------------------------------------------|----------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>50</u> <u>40</u> <u>40</u>                          | 11-14-06 | SD      |
| CONT.        | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>70</u> <u>65</u> <u>70</u>                          | 11-14-06 | SD      |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                        |          |         |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.025</u> <u>.025</u> <u>.024</u>                    | 11-14-06 | SD      |
|              | J) ASSEMBLE STOCK                                                        |                                                        | 11-7-06  | BLS     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                        | 11-17-06 | L.P.D.  |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                        | 11-17-06 | RTZ     |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                        | 11-17-06 | RTZ     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                        | 11-17-06 | RTZ     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | PASS FAIL<br><u>PASS</u> FAIL                          | 11/7/06  | non     |
|              | MALFUNCTION <sup>lazy</sup> <sub>ejector</sub>                           | CORRECTION OK                                          | 11/14/06 | non     |
|              | MALFUNCTION                                                              | CORRECTION                                             |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                             |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                             |          |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                        | 11-7-06  | L.P.D.  |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                        | 11-17-06 | L.P.D.  |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>240</u> <u>249</u> <u>240</u> <u>253</u> <u>264</u> | 11/14/06 | non     |
|              | C) FUNCTION                                                              |                                                        | 11-17-06 | L.P.D.  |
| 690          | PACK                                                                     |                                                        | 2207     | DA      |

F004 REV 5/2006

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 11/06/06

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



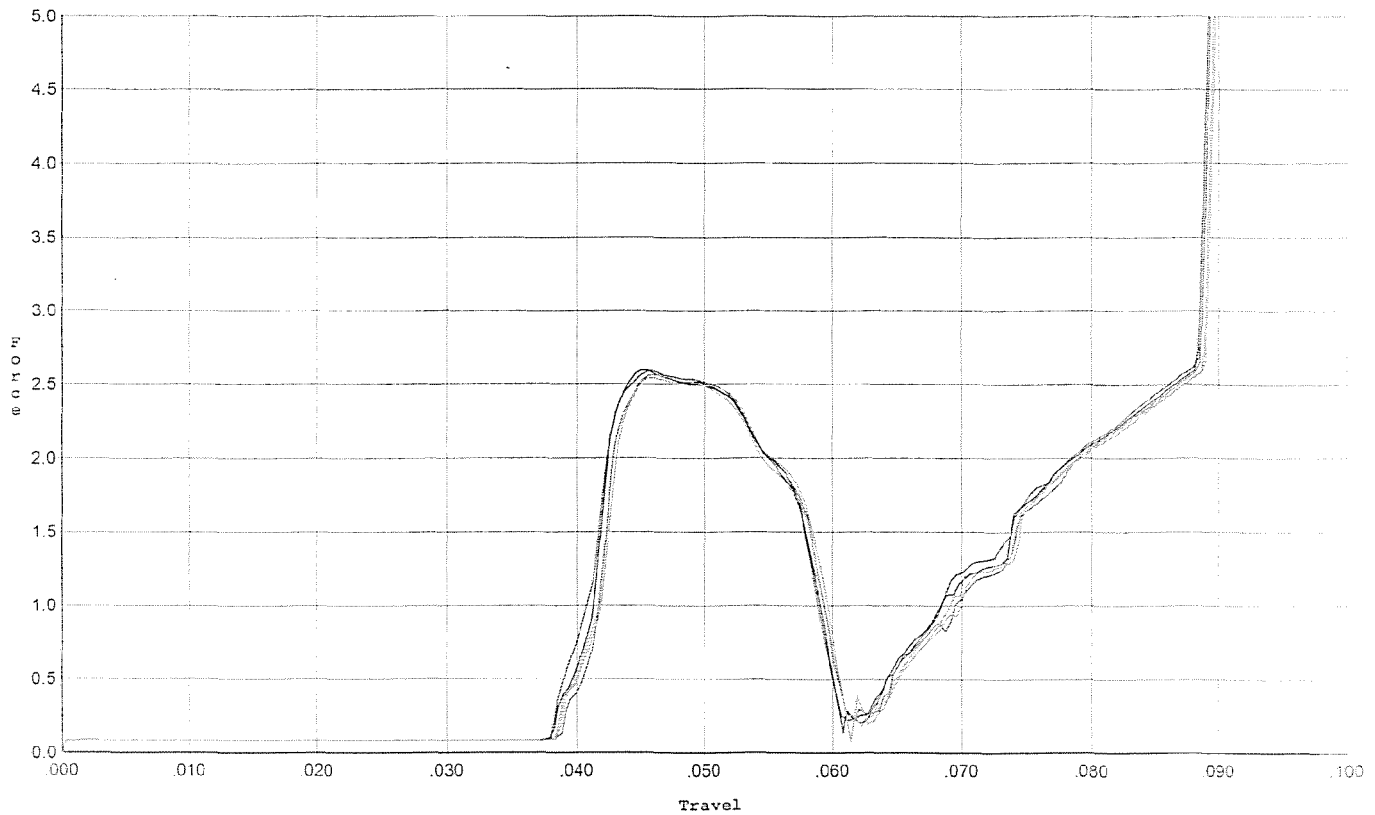
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.444      | 0.052             | 0.034           | 0.037      | 0.036             |           | Set Trigger |
| 2 | 2.455      | 0.051             | 0.033           | 0.037      | 0.036             |           | Set Trigger |
| 3 | 2.551      | 0.051             | 0.035           | 0.037      | 0.036             |           | Set Trigger |
| 4 | 2.599      | 0.053             | 0.034           | 0.037      | 0.039             |           | Set Trigger |
| 5 | 2.506      | 0.052             | 0.035           | 0.036      | 0.038             |           | Set Trigger |

AVG 2.51

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 11/06/06

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



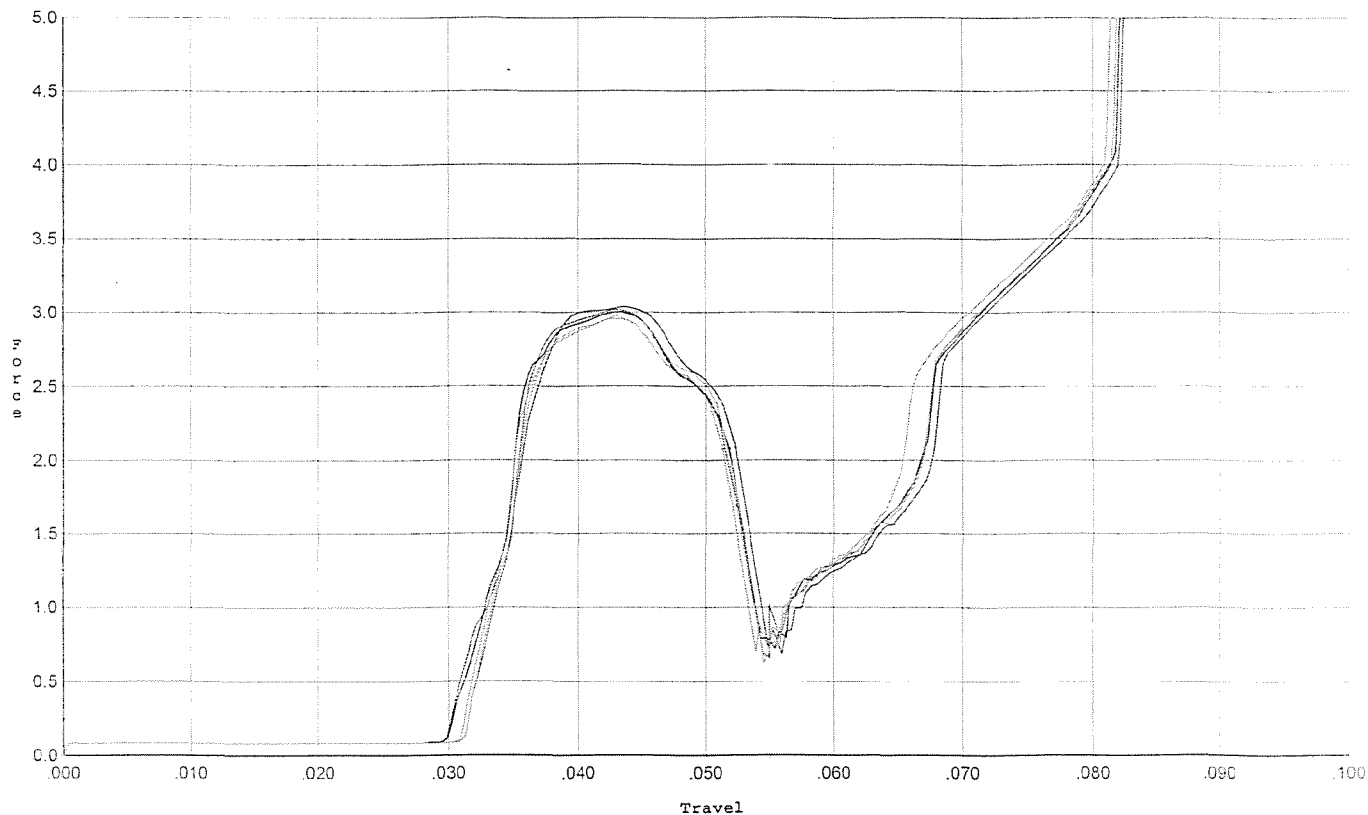
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.590      | 0.058             | 0.038           | 0.038      | 0.043             |           | Set Trigger |
| 2 | 2.593      | 0.059             | 0.038           | 0.038      | 0.044             |           | Set Trigger |
| 3 | 2.564      | 0.058             | 0.039           | 0.038      | 0.042             |           | Set Trigger |
| 4 | 2.541      | 0.059             | 0.039           | 0.038      | 0.043             |           | Set Trigger |
| 5 | 2.562      | 0.058             | 0.039           | 0.039      | 0.042             |           | Set Trigger |

Avg 2.57

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 11/05/06

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



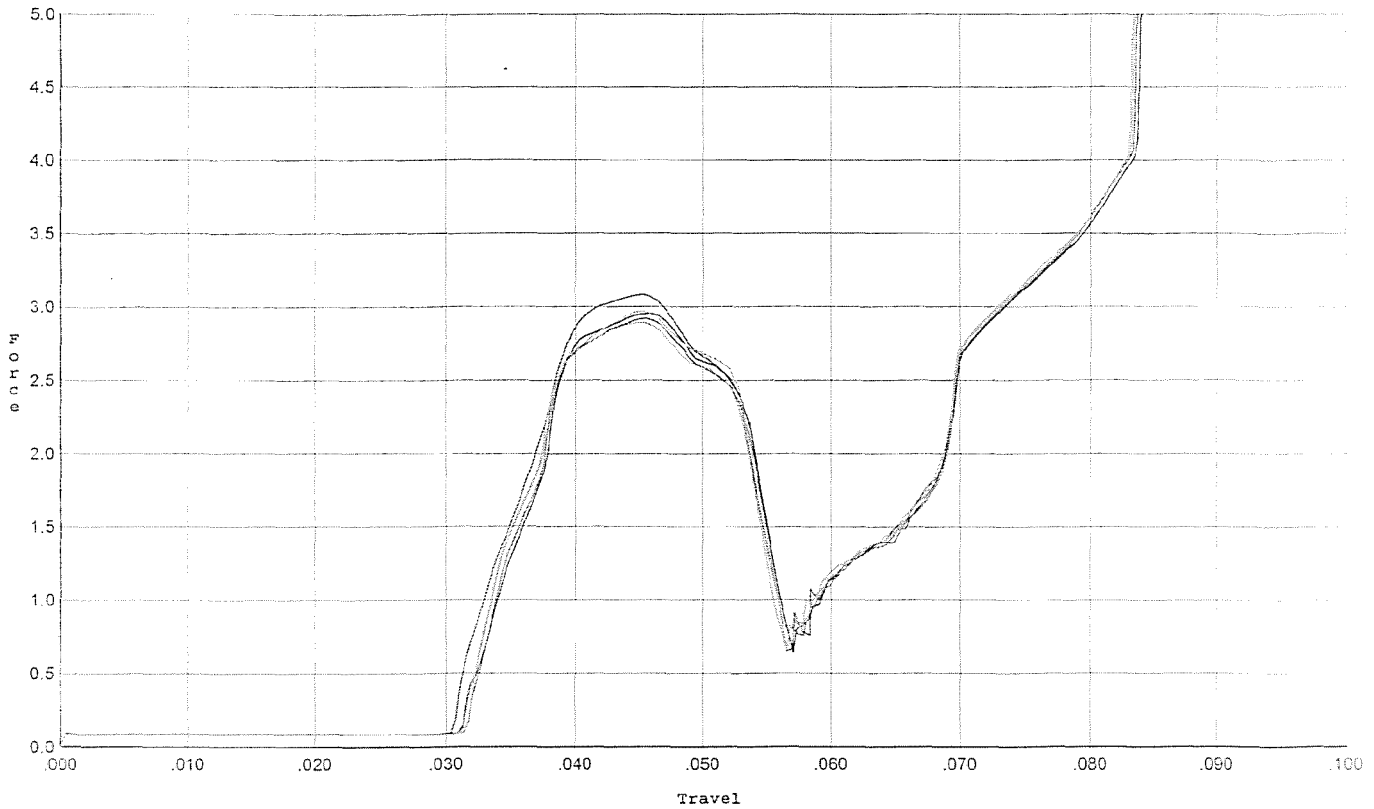
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.036      | 0.052             | 0.030           | 0.034      | 0.055             |           | Set Trigger |
| 2 | 3.002      | 0.052             | 0.030           | 0.035      | 0.053             |           | Set Trigger |
| 3 | 3.018      | 0.052             | 0.032           | 0.034      | 0.053             |           | Set Trigger |
| 4 | 2.984      | 0.052             | 0.032           | 0.034      | 0.052             |           | Set Trigger |
| 5 | 2.958      | 0.051             | 0.031           | 0.034      | 0.051             |           | Set Trigger |

Aug 3.00

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putsch 11/06/06

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



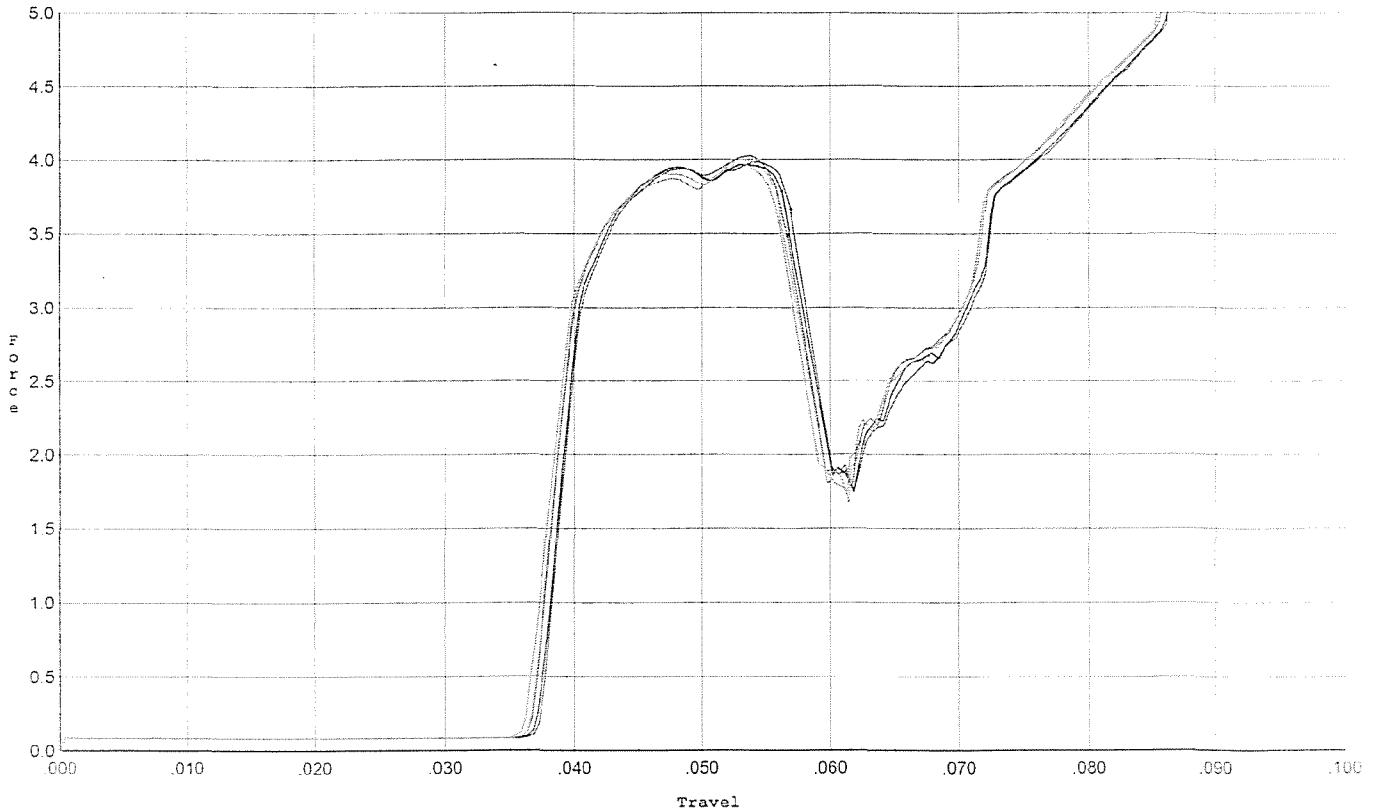
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.082      | 0.054             | 0.031           | 0.034      | 0.057             |           | Set Trigger |
| 2 | 2.951      | 0.054             | 0.031           | 0.035      | 0.054             |           | Set Trigger |
| 3 | 2.920      | 0.053             | 0.032           | 0.035      | 0.052             |           | Set Trigger |
| 4 | 2.892      | 0.053             | 0.032           | 0.034      | 0.053             |           | Set Trigger |
| 5 | 2.969      | 0.054             | 0.032           | 0.034      | 0.055             |           | Set Trigger |

Aug 2.96

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 11/06/06

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



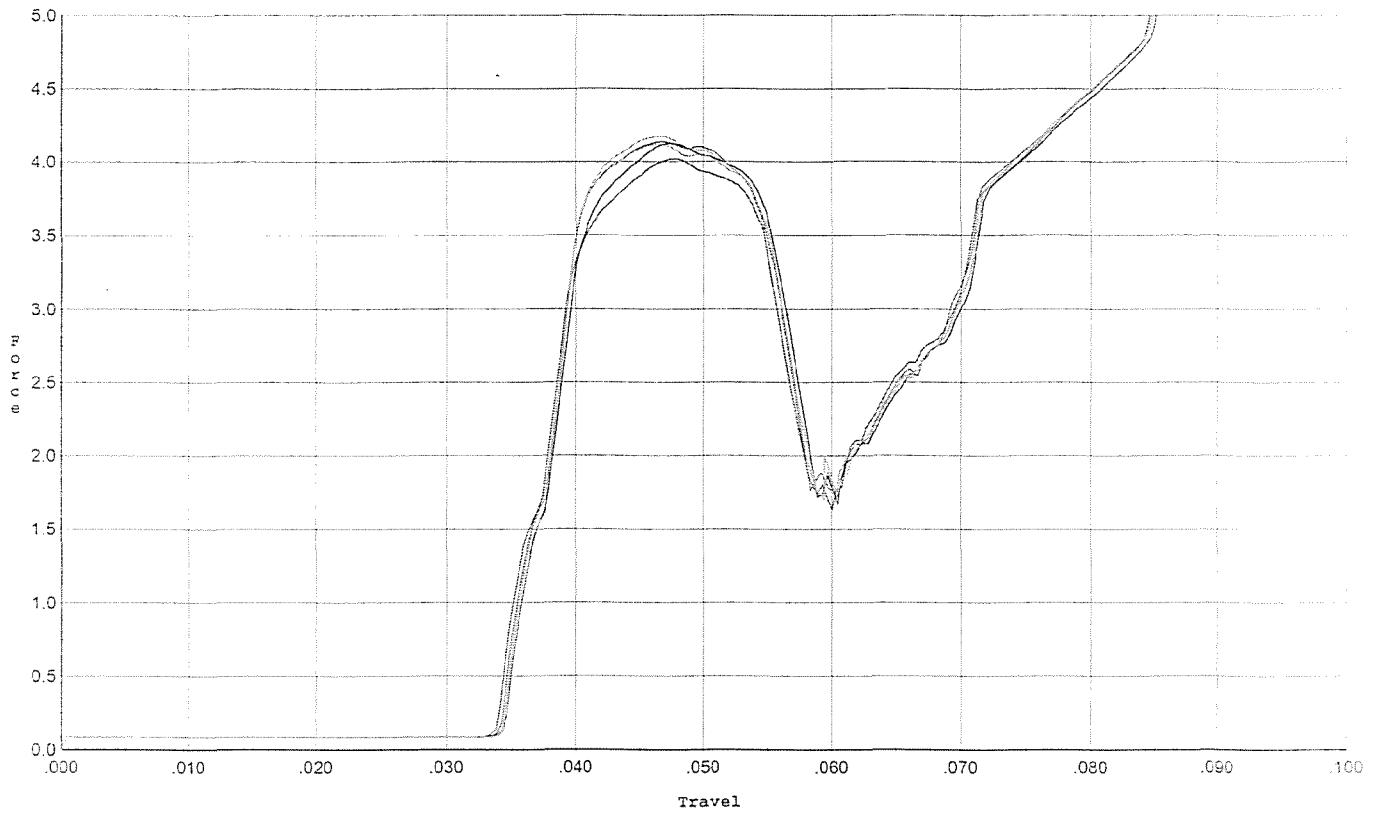
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.988      | 0.057             | 0.037           | 0.033      | 0.074             |           | Set Trigger |
| 2 | 3.968      | 0.056             | 0.037           | 0.034      | 0.073             |           | Set Trigger |
| 3 | 4.024      | 0.057             | 0.037           | 0.033      | 0.075             |           | Set Trigger |
| 4 | 3.998      | 0.057             | 0.037           | 0.033      | 0.076             |           | Set Trigger |
| 5 | 3.973      | 0.056             | 0.036           | 0.033      | 0.073             |           | Set Trigger |

Aug 399

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putsch 11/06/06

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



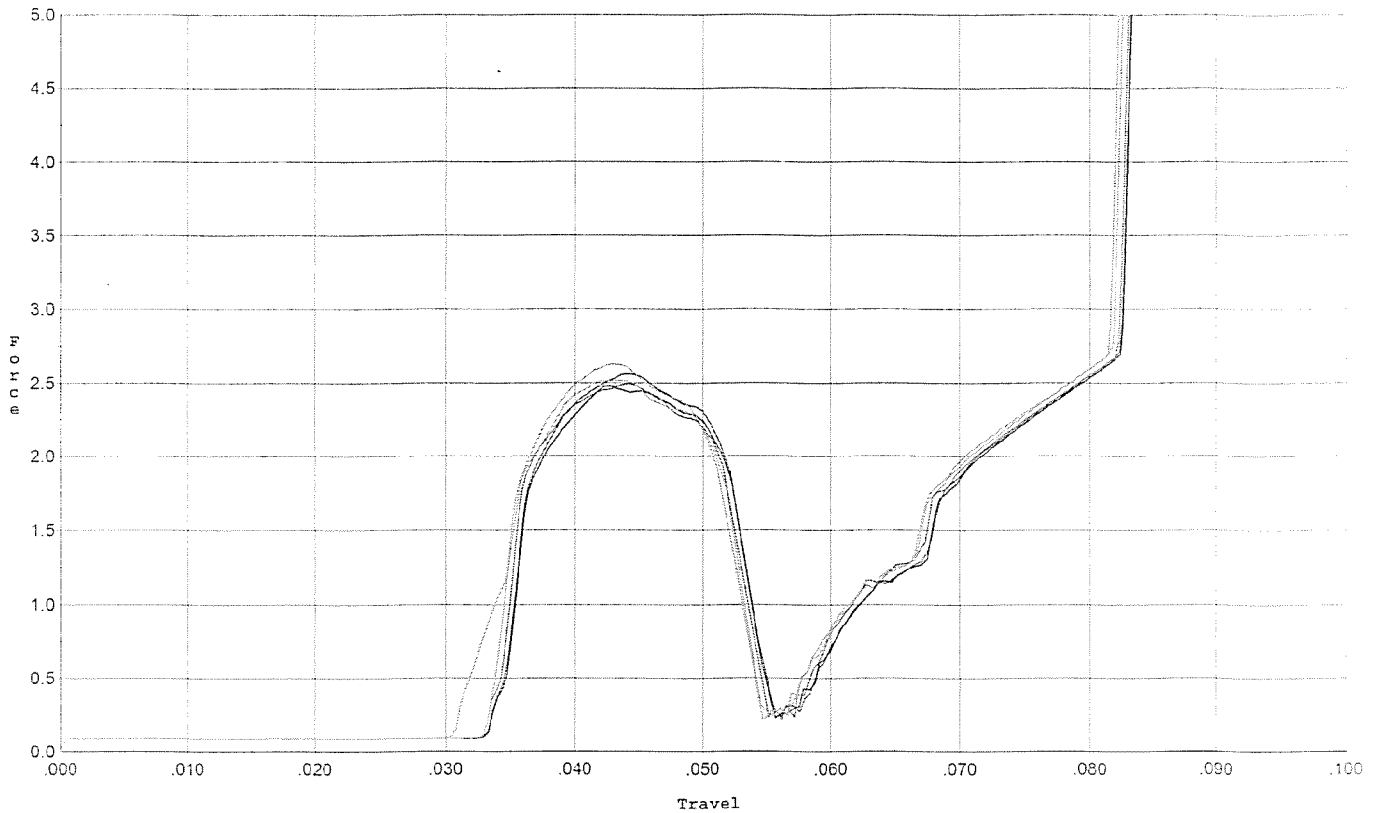
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.018      | 0.055             | 0.034           | 0.034      | 0.073             |           | Set Trigger |
| 2 | 4.125      | 0.056             | 0.035           | 0.034      | 0.077             |           | Set Trigger |
| 3 | 4.137      | 0.056             | 0.034           | 0.034      | 0.077             |           | Set Trigger |
| 4 | 4.173      | 0.055             | 0.035           | 0.034      | 0.076             |           | Set Trigger |
| 5 | 4.120      | 0.055             | 0.035           | 0.034      | 0.076             |           | Set Trigger |

Aug 4.11

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putsch 11/06/06

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



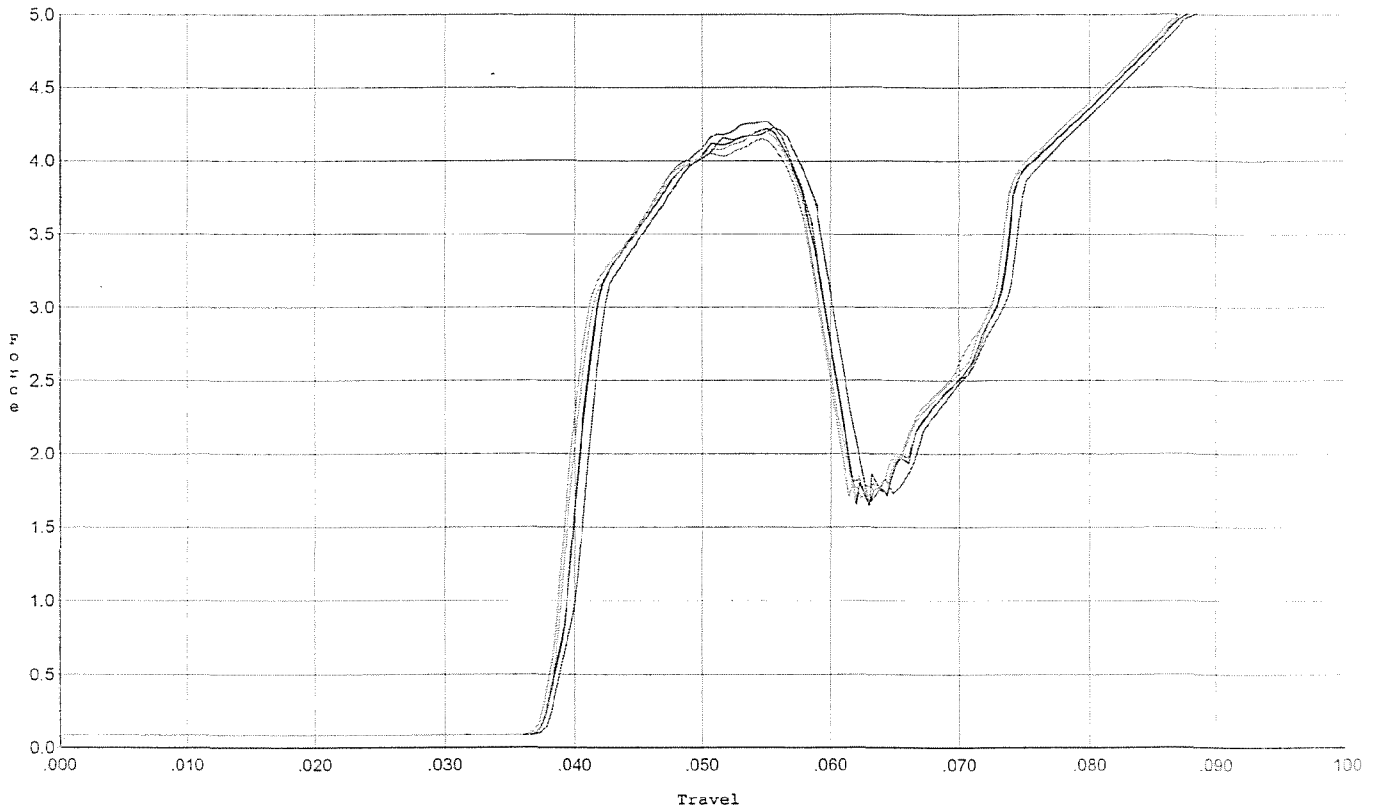
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.561      | 0.052             | 0.034           | 0.036      | 0.043             |           | Set Trigger |
| 2 | 2.482      | 0.052             | 0.034           | 0.036      | 0.042             |           | Set Trigger |
| 3 | 2.496      | 0.053             | 0.033           | 0.035      | 0.044             |           | Set Trigger |
| 4 | 2.518      | 0.052             | 0.033           | 0.035      | 0.043             |           | Set Trigger |
| 5 | 2.629      | 0.053             | 0.031           | 0.035      | 0.046             |           | Set Trigger |

Avg 2.53

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putsch 11/06/06

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



| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.226      | 0.059             | 0.038           | 0.034      | 0.077             |           | Set Trigger |
| 2 | 4.217      | 0.059             | 0.038           | 0.033      | 0.078             |           | Set Trigger |
| 3 | 4.268      | 0.059             | 0.038           | 0.033      | 0.078             |           | Set Trigger |
| 4 | 4.211      | 0.058             | 0.038           | 0.033      | 0.076             |           | Set Trigger |
| 5 | 4.147      | 0.058             | 0.037           | 0.033      | 0.077             |           | Set Trigger |

Aug 4.21

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591709.\_\_\_0  
FILE DATE AND TIME: 11/08/2006 14:25

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

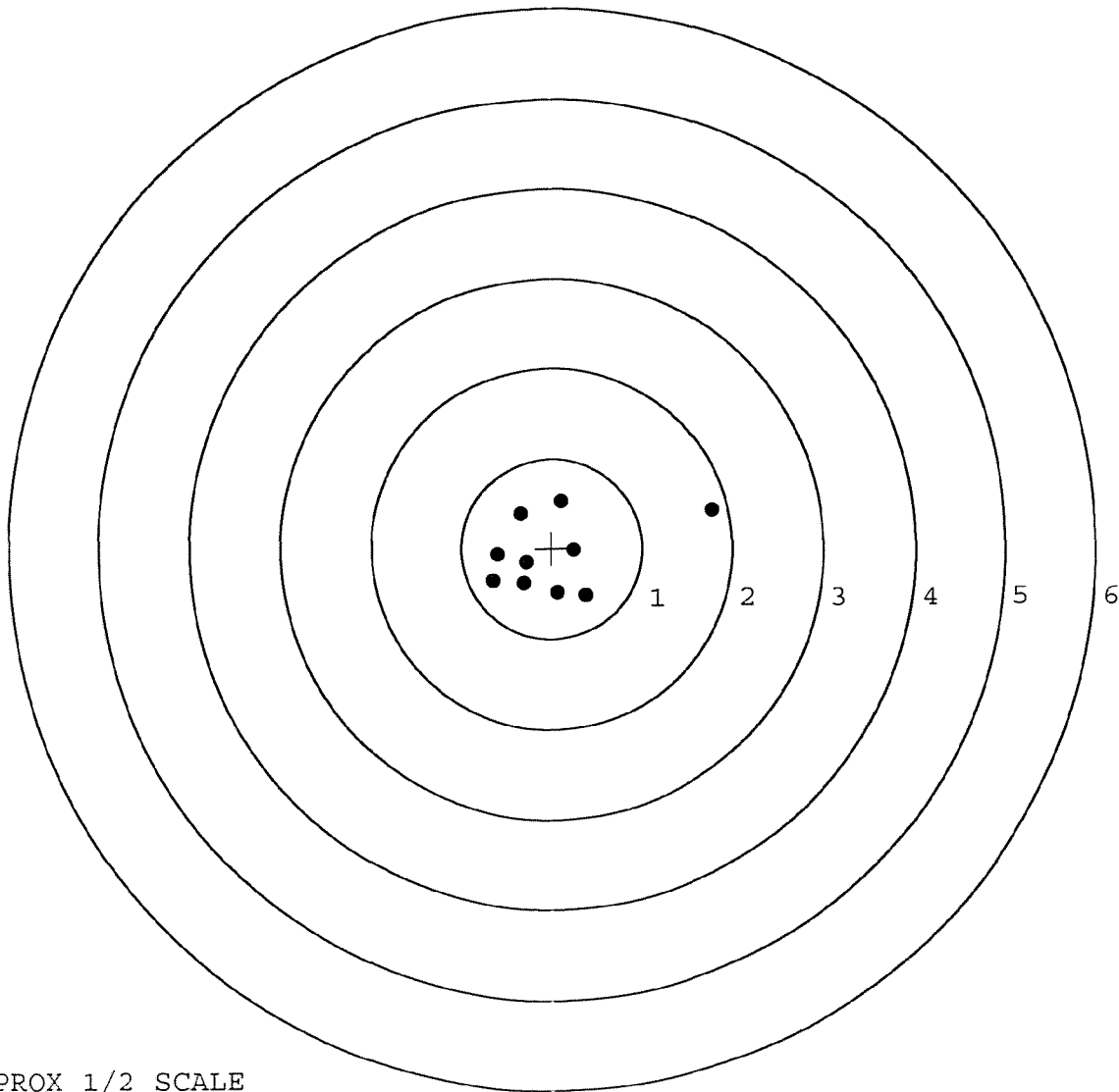
|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.052 |
| The Average Y Centroid of the Five Target Set:              | -0.065 |
| The Average Point of Impact of the Five Target Set:         | 0.084  |
| The Average Mean Radius of the Five Target Set:             | 0.649  |
| The Distance from POA to Centroid Target #1:                | 0.081  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.138  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.171  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.053  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.204  |

**BARBER - M24 0169919**

SERIAL NUMBER: G6591709. \_\_0  
 TARGET NUMBER: 1  
 FILE DATE: 11/08/2006  
 FILE TIME: 14:25

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.777  | 0.419  |
| 2:     | 0.118  | 0.526  |
| 3:     | -0.334 | 0.391  |
| 4:     | 0.248  | -0.021 |
| 5:     | 0.384  | -0.533 |
| 6:     | 0.070  | -0.499 |
| 7:     | -0.281 | -0.160 |
| 8:     | -0.311 | -0.387 |
| 9:     | -0.605 | -0.068 |
| 10:    | -0.648 | -0.366 |

X CENTROID: 0.042  
 Y CENTROID: -0.070  
 POA TO CENTROID: 0.081  
 HORZ SPREAD: 2.425  
 VERT SPREAD: 1.059  
 GROUP SPREAD: 2.549  
 MIN RADIUS: 0.212  
 MAX RADIUS: 1.803  
 MEAN RADIUS: 0.642  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 9



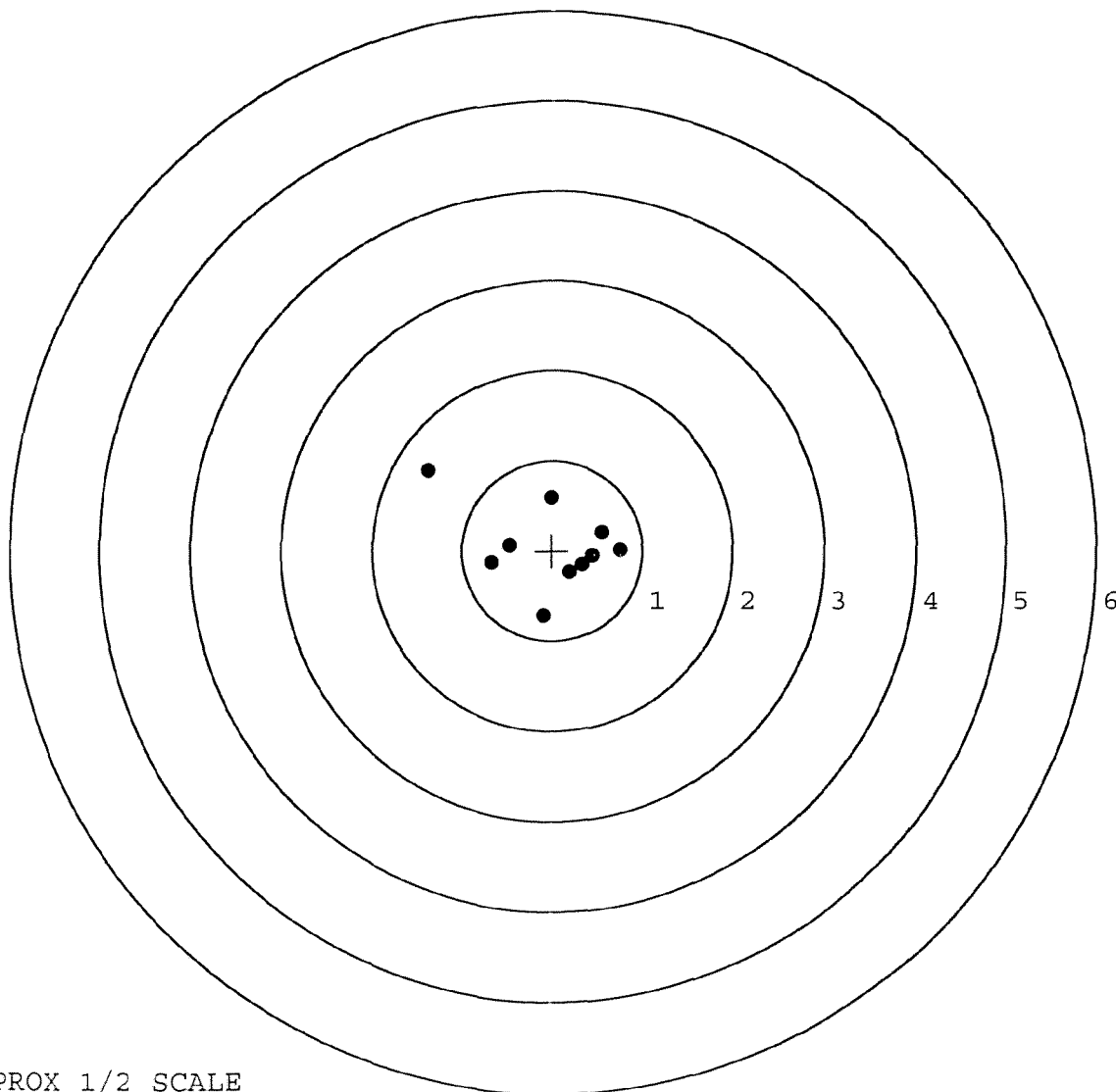
TARGET APPROX 1/2 SCALE

**BARBER - M24 0169920**

SERIAL NUMBER: G6591709. \_\_0  
 TARGET NUMBER: 2  
 FILE DATE: 11/08/2006  
 FILE TIME: 14:25

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.011 | 0.589  |
| 2:     | -0.473 | 0.065  |
| 3:     | -0.669 | -0.129 |
| 4:     | -0.098 | -0.727 |
| 5:     | 0.195  | -0.244 |
| 6:     | 0.335  | -0.154 |
| 7:     | 0.758  | 0.016  |
| 8:     | 0.550  | 0.213  |
| 9:     | 0.447  | -0.055 |
| 10:    | -1.378 | 0.884  |

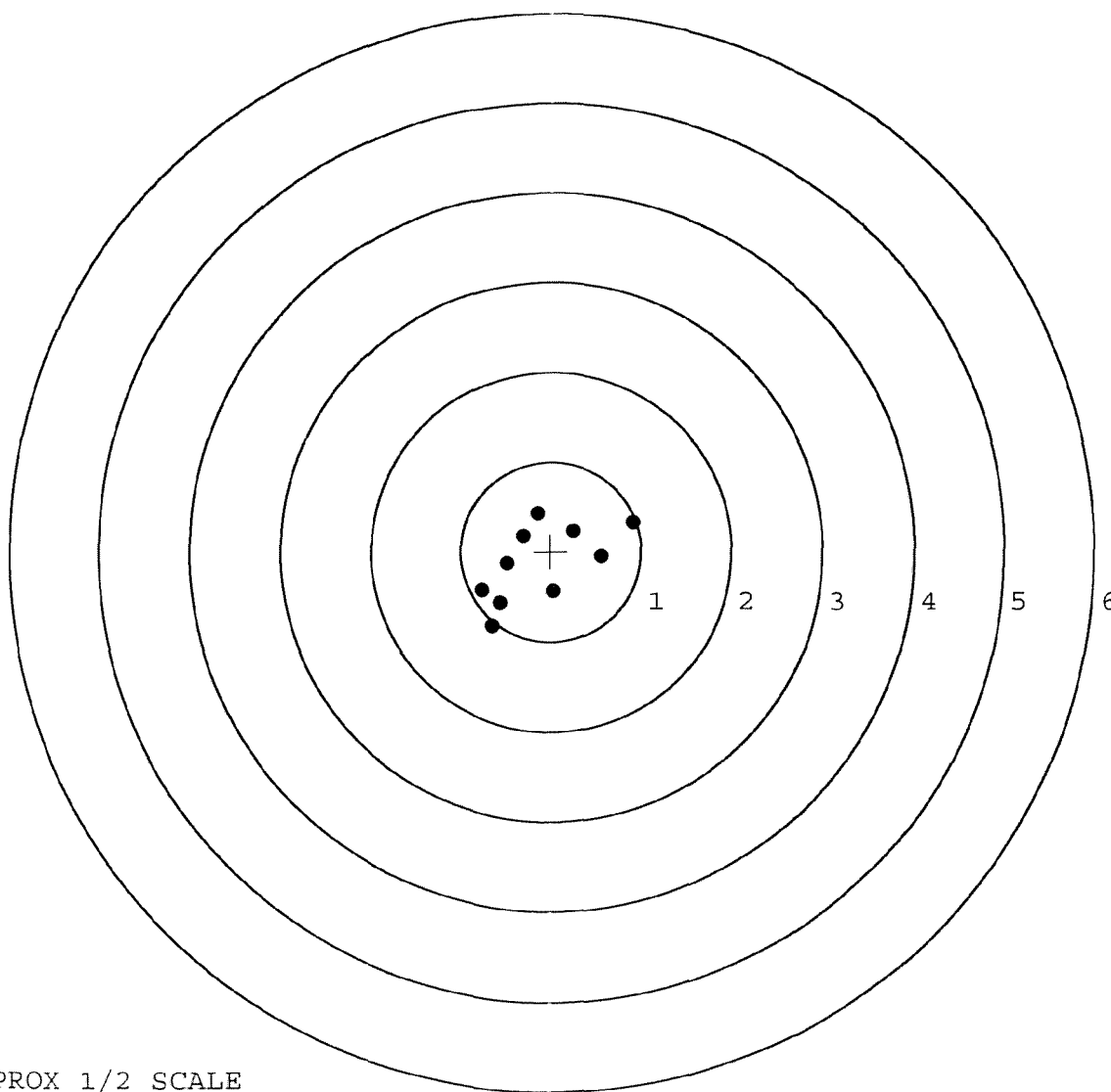
X CENTROID: -0.034  
 Y CENTROID: 0.046  
 POA TO CENTROID: 0.057  
 HORZ SPREAD: 2.136  
 VERT SPREAD: 1.611  
 GROUP SPREAD: 2.306  
 MIN RADIUS: 0.370  
 MAX RADIUS: 1.584  
 MEAN RADIUS: 0.668  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

**BARBER - M24 0169921**

|                            |        |        |        |
|----------------------------|--------|--------|--------|
| SERIAL NUMBER: G6591709. 0 | POINT# | X      | Y      |
| TARGET NUMBER: 3           | 1:     | 0.909  | 0.325  |
| FILE DATE: 11/08/2006      | 2:     | 0.561  | -0.054 |
| FILE TIME: 14:25           | 3:     | 0.252  | 0.221  |
|                            | 4:     | 0.029  | -0.452 |
| X CENTROID: -0.116         | 5:     | -0.148 | 0.420  |
| Y CENTROID: -0.135         | 6:     | -0.312 | 0.168  |
| POA TO CENTROID: 0.179     | 7:     | -0.481 | -0.135 |
| HORZ SPREAD: 1.671         | 8:     | -0.651 | -0.832 |
| VERT SPREAD: 1.252         | 9:     | -0.561 | -0.578 |
| GROUP SPREAD: 1.942        | 10:    | -0.762 | -0.437 |
| MIN RADIUS: 0.348          |        |        |        |
| MAX RADIUS: 1.124          |        |        |        |
| MEAN RADIUS: 0.617         |        |        |        |
| # IN 1 IN DIAMETER: 3      |        |        |        |
| # IN 2 IN DIAMETER: 9      |        |        |        |
| # in 3 IN DIAMETER: 10     |        |        |        |



TARGET APPROX 1/2 SCALE

**BARBER - M24 0169922**

SERIAL NUMBER: G6591709. \_\_0

TARGET NUMBER: 4

FILE DATE: 11/08/2006

FILE TIME: 14:25

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.254 | -0.856 |
| 2:     | -0.639 | -0.730 |
| 3:     | -0.629 | 0.358  |
| 4:     | 0.236  | 0.809  |
| 5:     | 0.657  | 0.224  |
| 6:     | 0.240  | 0.239  |
| 7:     | 0.297  | -0.283 |
| 8:     | -0.263 | -0.070 |
| 9:     | 0.205  | 0.096  |
| 10:    | 0.150  | -0.152 |

X CENTROID: 0.000

Y CENTROID: -0.037

POA TO CENTROID: 0.037

HORZ SPREAD: 1.296

VERT SPREAD: 1.665

GROUP SPREAD: 1.770

MIN RADIUS: 0.189

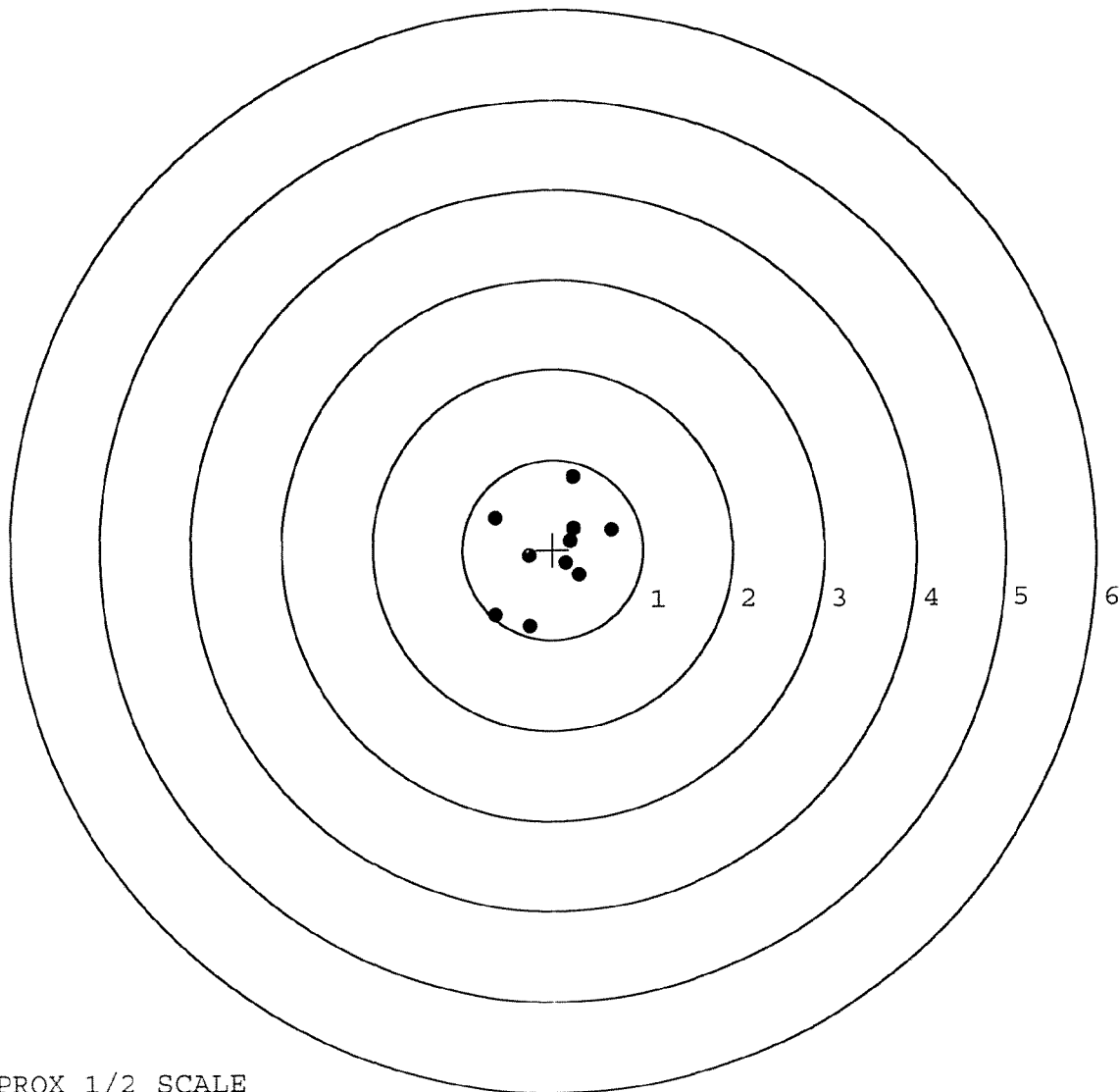
MAX RADIUS: 0.943

MEAN RADIUS: 0.558

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0169923**

SERIAL NUMBER: G6591709. \_\_0

TARGET NUMBER: 5

FILE DATE: 11/08/2006

FILE TIME: 14:25

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.907  | -0.123 |
| 2:     | 0.272  | -0.934 |
| 3:     | -1.317 | -1.122 |
| 4:     | -0.646 | -0.520 |
| 5:     | -0.717 | -0.234 |
| 6:     | -0.250 | -0.145 |
| 7:     | -0.037 | 0.284  |
| 8:     | -0.513 | 0.427  |
| 9:     | 0.420  | 0.461  |
| 10:    | 0.349  | 0.592  |

X CENTROID: -0.153

Y CENTROID: -0.131

POA TO CENTROID: 0.202

HORZ SPREAD: 2.224

VERT SPREAD: 1.714

GROUP SPREAD: 2.438

MIN RADIUS: 0.098

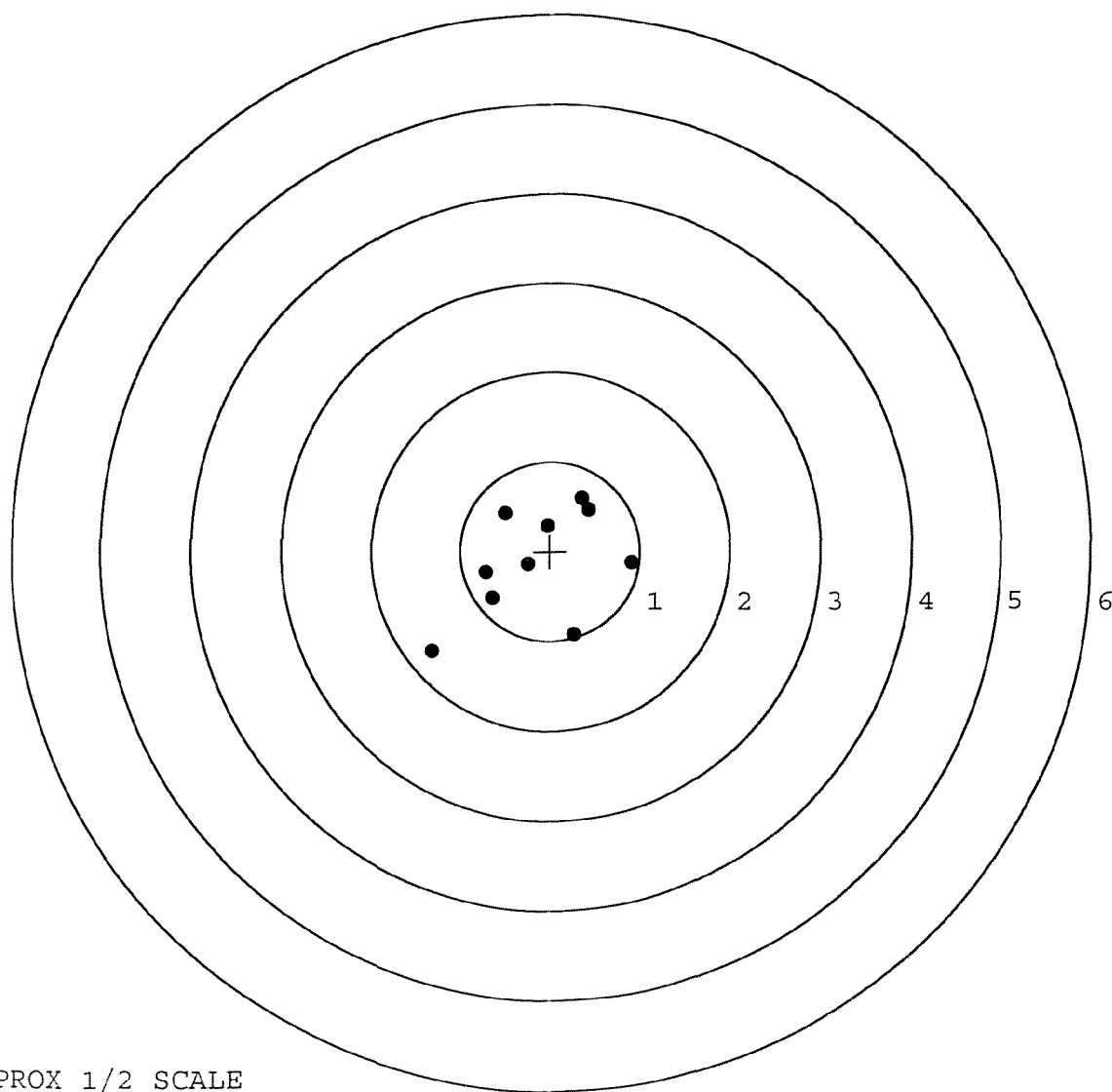
MAX RADIUS: 1.528

MEAN RADIUS: 0.760

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE