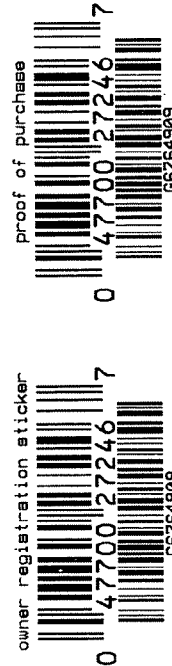


6064 9676 4909

**M24A2 7.62 NATO COMPLETE SYSTEM**  
**BOLT ACTION CENTERFIRE RIFLE**  
**24" BARREL 7.62 NATO**

- INSTRUCTION BOOK 3518

**BM FORM**

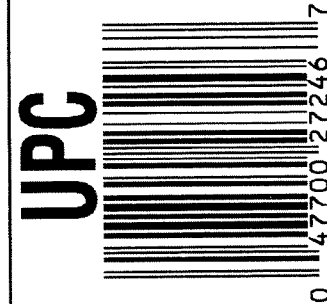


**ORDER NO. 27246**

**BARREL LENGTH 24"**

**CAPACITY 6**

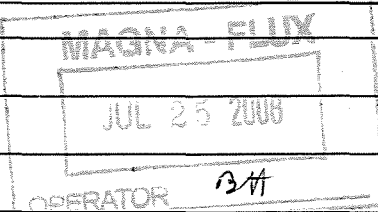
**G6764909**



**M-24**  
**INSPECTION CHECKLIST-NEW GUNS**

6241

GUN SERIAL # G 676 4909

| OP # | OPERATION NAME                                                                                                                         | READINGS                                                                           | DATE    | INITIAL |
|------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------|---------|
| 420  | ASSEMBLE ACTION                                                                                                                        |                                                                                    | 7-23-08 | RTZ     |
| 430  | ASSEMBLE TO STOCK                                                                                                                      |                                                                                    |         |         |
| 440  | PROOF                                                                                                                                  |  | 7-23-08 | MED     |
| 460  | CHECK HEADSPACE                                                                                                                        |                                                                                    | 7-23-08 | TRW     |
| 470  | DIS-ASSEMBLE ACTION                                                                                                                    |                                                                                    | 7-23-08 | RTZ     |
| 472  | SERIALIZE BOLT HANDLE                                                                                                                  |                                                                                    | 7-24-08 | RTZ     |
| 475  | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                                                                                    |         |         |
| 480  | MAGNAFLUX BBL ACTION                                                                                                                   |                                                                                    | 7/24/08 | B/H     |
| 490  | MAGNAFLUX BOLT                                                                                                                         |                                                                                    |         |         |
| 500  | ROLLMARK CALIBER                                                                                                                       |                                                                                    | 7/25/08 | RT      |
| 520  | GOFF BLAST BBL / REC                                                                                                                   |                                                                                    | 8/7/08  | DG      |
| 542  | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                                                                                    | 8/11/08 | cr      |
| 545  | (BOLT)                                                                                                                                 |                                                                                    |         |         |
| 560  | RE-ASSEMBLE ACTION                                                                                                                     |                                                                                    |         |         |
|      | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                                                                                    | 8-21-08 | RTZ     |
|      | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                                                                                    | 8-15-08 | JP      |
|      | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                                                                                    | 8-15-08 | JP      |
|      | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                                                                                    | 8-21-08 | RTZ     |
|      | 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

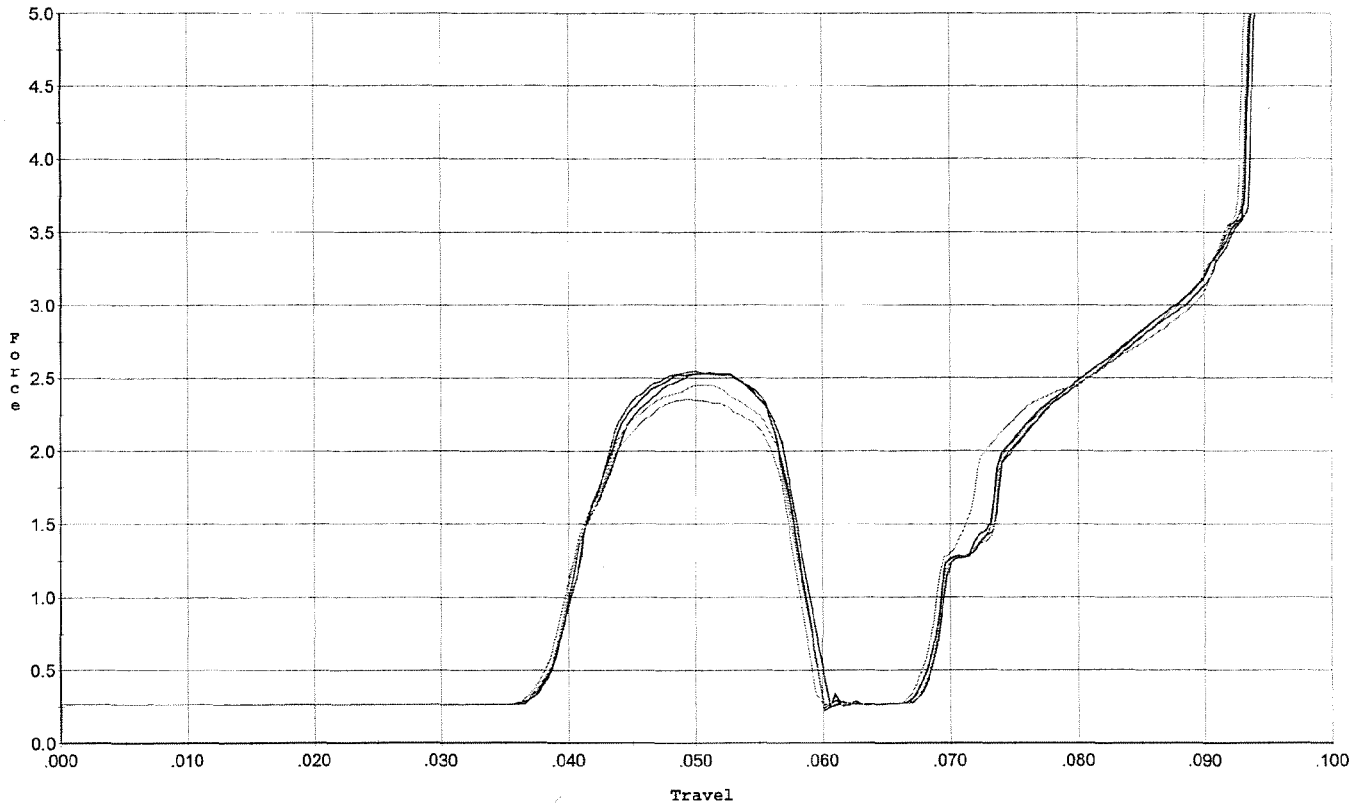
| OP #         | OPERATION NAME                                                           | READINGS                                               | DATE    | INITIAL |
|--------------|--------------------------------------------------------------------------|--------------------------------------------------------|---------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>30</u> <u>3.0</u> <u>30</u>                         | 9-4-08  | PSW     |
| CONT.        |                                                                          |                                                        |         |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>6.6</u> <u>5.5</u> <u>6.6</u>                       | 9-4-08  | RSM     |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                        |         |         |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.024</u> <u>.025</u> <u>.024</u>                    | 9-4-08  | PSW     |
|              | J) ASSEMBLE STOCK                                                        |                                                        | 8-21-08 | RTZ     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                        | 9-4-08  | RTZ     |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 | N/A                                                    |         |         |
|              | 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                   | 9-3-08  | TRW     |
|              | MALFUNCTION                                                              | CORRECTION                                             | N/A     |         |
|              | MALFUNCTION                                                              | CORRECTION                                             |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                             |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                             |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                        | 9-3-08  | FM      |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                        | 9-4-08  | RTZ     |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>251</u> <u>256</u> <u>248</u> <u>253</u> <u>251</u> | 9-4-08  | RTZ     |
|              | C) FUNCTION                                                              |                                                        | 9-4-08  | PSW     |
| 690          | PACK                                                                     |                                                        | 9/5/08  | FM      |

F004 REV 5/2006

# Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: C Schults 08/04/2008

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



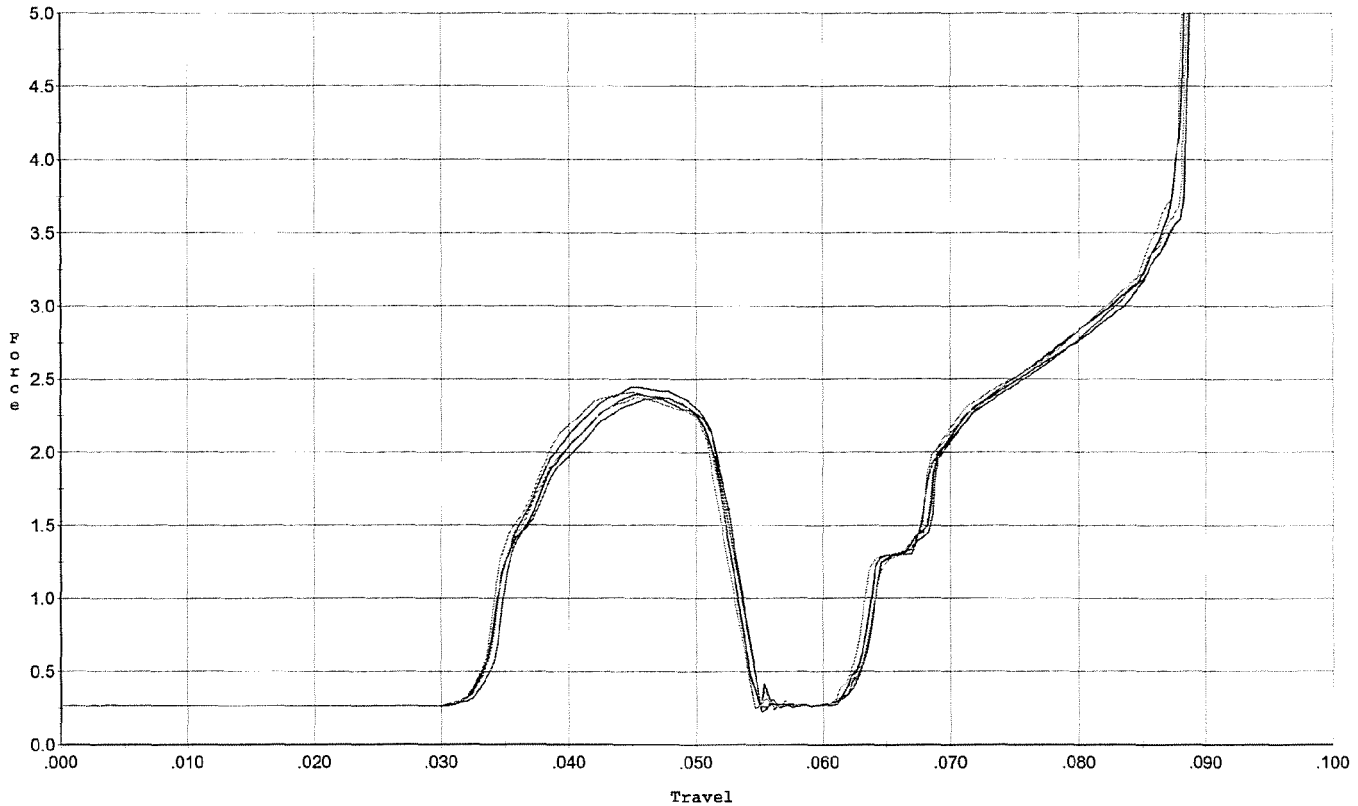
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.531      | 0.057             | 0.038           | 0.042      | 0.050             |           | Set Trigger |
| 2 | 2.539      | 0.058             | 0.038           | 0.041      | 0.050             |           | Set Trigger |
| 3 | 2.546      | 0.057             | 0.038           | 0.041      | 0.050             |           | Set Trigger |
| 4 | 2.453      | 0.058             | 0.038           | 0.041      | 0.050             |           | Set Trigger |
| 5 | 2.358      | 0.057             | 0.038           | 0.041      | 0.047             |           | Set Trigger |

Aug - 2.48

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: C Schults 08/04/2008

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



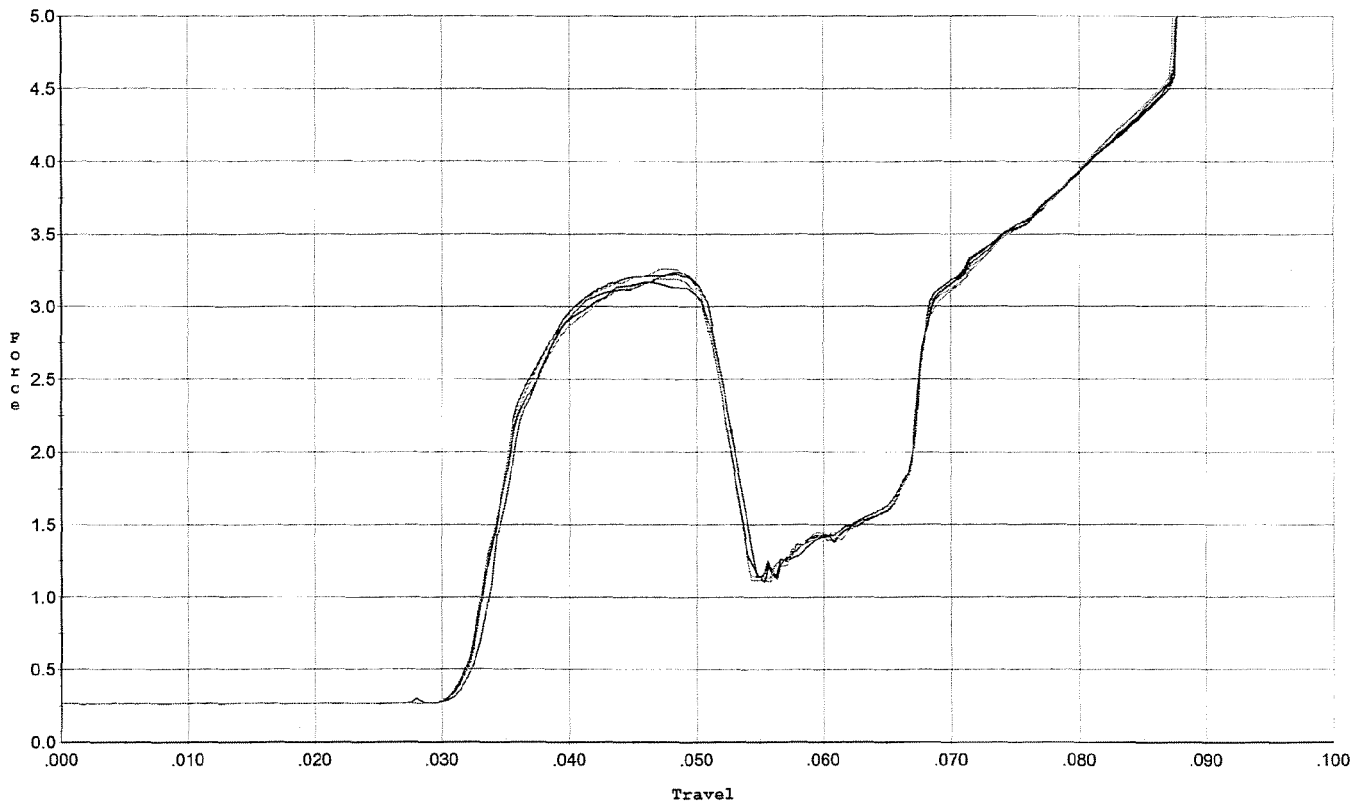
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.445      | 0.053             | 0.033           | 0.040      | 0.048             |           | Set Trigger |
| 2 | 2.399      | 0.052             | 0.033           | 0.040      | 0.046             |           | Set Trigger |
| 3 | 2.363      | 0.053             | 0.033           | 0.040      | 0.046             |           | Set Trigger |
| 4 | 2.377      | 0.052             | 0.033           | 0.041      | 0.046             |           | Set Trigger |
| 5 | 2.412      | 0.051             | 0.033           | 0.041      | 0.046             |           | Set Trigger |

Aug 2-39

# Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: C Schults 08/04/2008

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



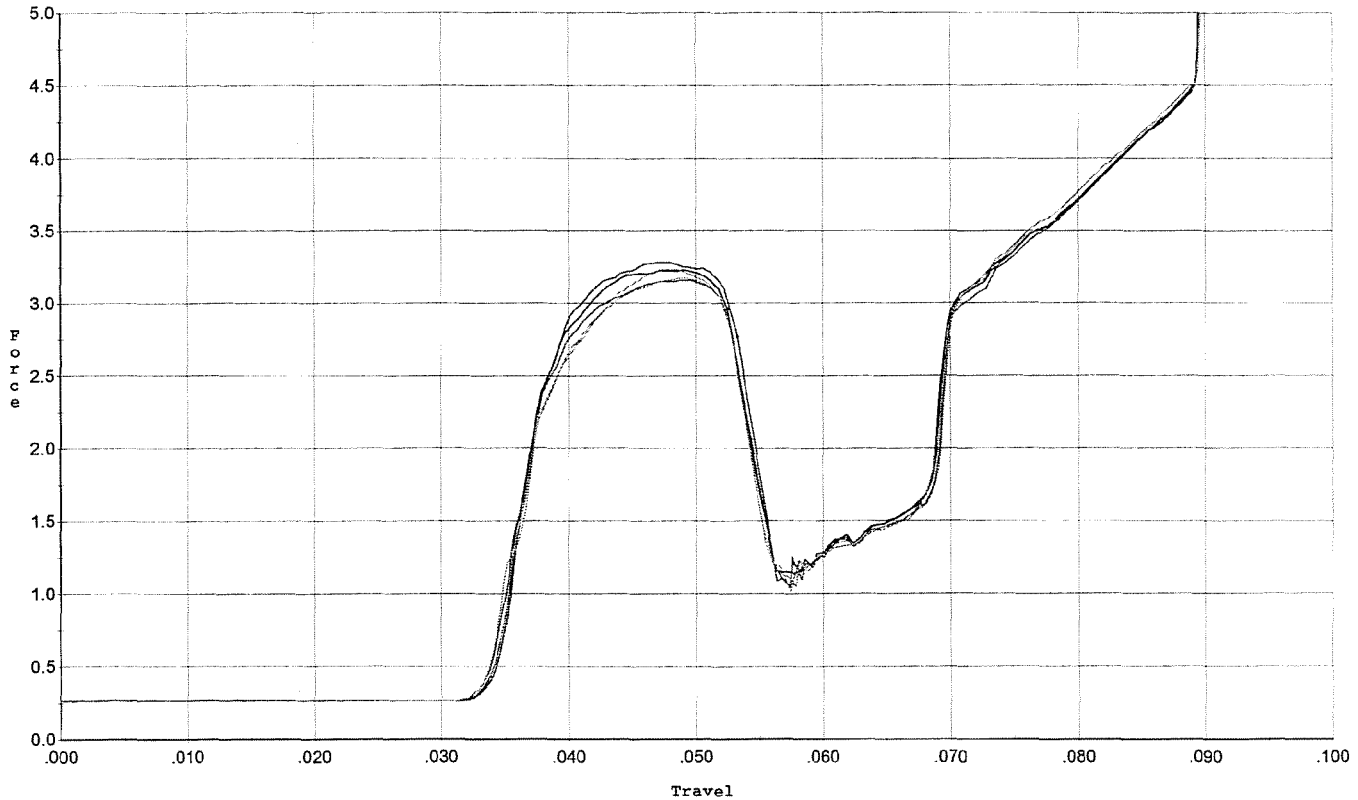
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.235      | 0.053             | 0.031           | 0.038      | 0.064             |           | Set Trigger |
| 2 | 3.169      | 0.051             | 0.031           | 0.038      | 0.061             |           | Set Trigger |
| 3 | 3.222      | 0.053             | 0.032           | 0.038      | 0.063             |           | Set Trigger |
| 4 | 3.261      | 0.051             | 0.032           | 0.038      | 0.062             |           | Set Trigger |
| 5 | 3.190      | 0.051             | 0.032           | 0.038      | 0.061             |           | Set Trigger |

Aug. 3.21

# Trigger Profile [ lbs,inch ]

**Profile** SWS  
**GunType:** Rifle  
**Make:** Remington  
**Note:** C Schults 08/04/2008

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



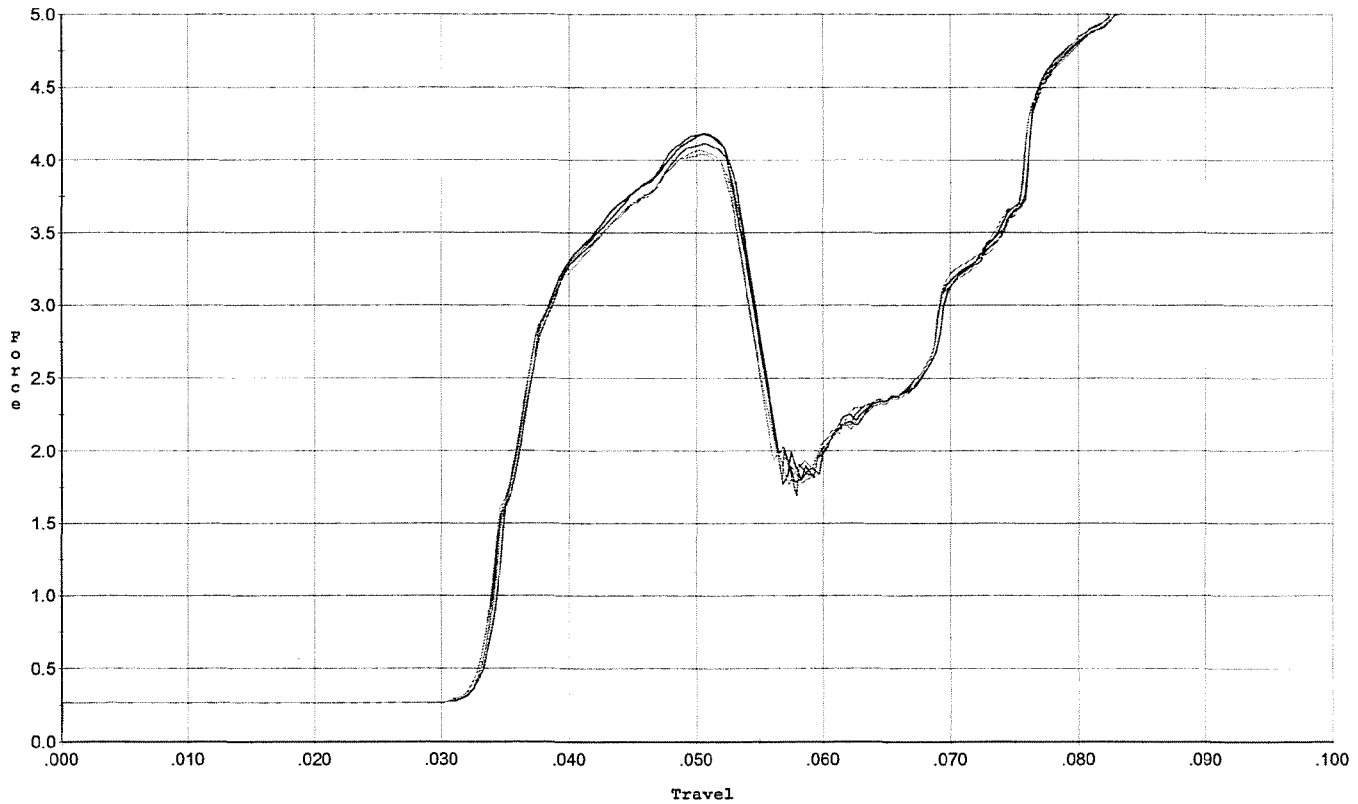
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.282      | 0.053             | 0.034           | 0.038      | 0.063             |           | Set Trigger |
| 2 | 3.228      | 0.052             | 0.034           | 0.039      | 0.061             |           | Set Trigger |
| 3 | 3.158      | 0.054             | 0.033           | 0.038      | 0.063             |           | Set Trigger |
| 4 | 3.235      | 0.053             | 0.033           | 0.039      | 0.061             |           | Set Trigger |
| 5 | 3.173      | 0.053             | 0.034           | 0.039      | 0.060             |           | Set Trigger |

Aug-3.21

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: C Schults 08/04/2008

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



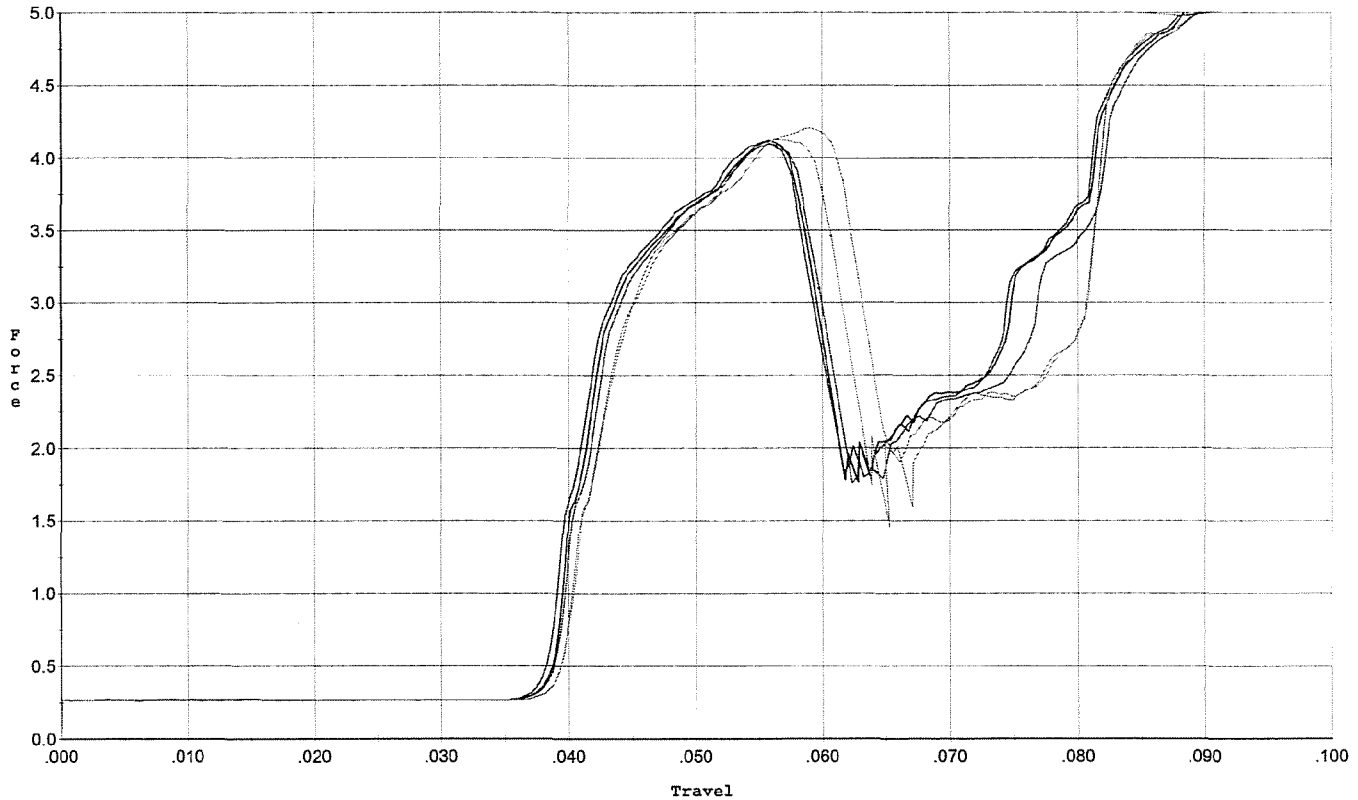
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.182      | 0.053             | 0.033           | 0.037      | 0.078             |           | Set Trigger |
| 2 | 4.185      | 0.054             | 0.032           | 0.036      | 0.080             |           | Set Trigger |
| 3 | 4.117      | 0.054             | 0.033           | 0.037      | 0.078             |           | Set Trigger |
| 4 | 4.045      | 0.053             | 0.033           | 0.037      | 0.075             |           | Set Trigger |
| 5 | 4.071      | 0.053             | 0.032           | 0.036      | 0.076             |           | Set Trigger |

Aug. 4-12

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: C Schults 08/04/2008

Model: M/24  
Serial No: Form #F005  
Trigger: .0 lbs.after 20 cycles



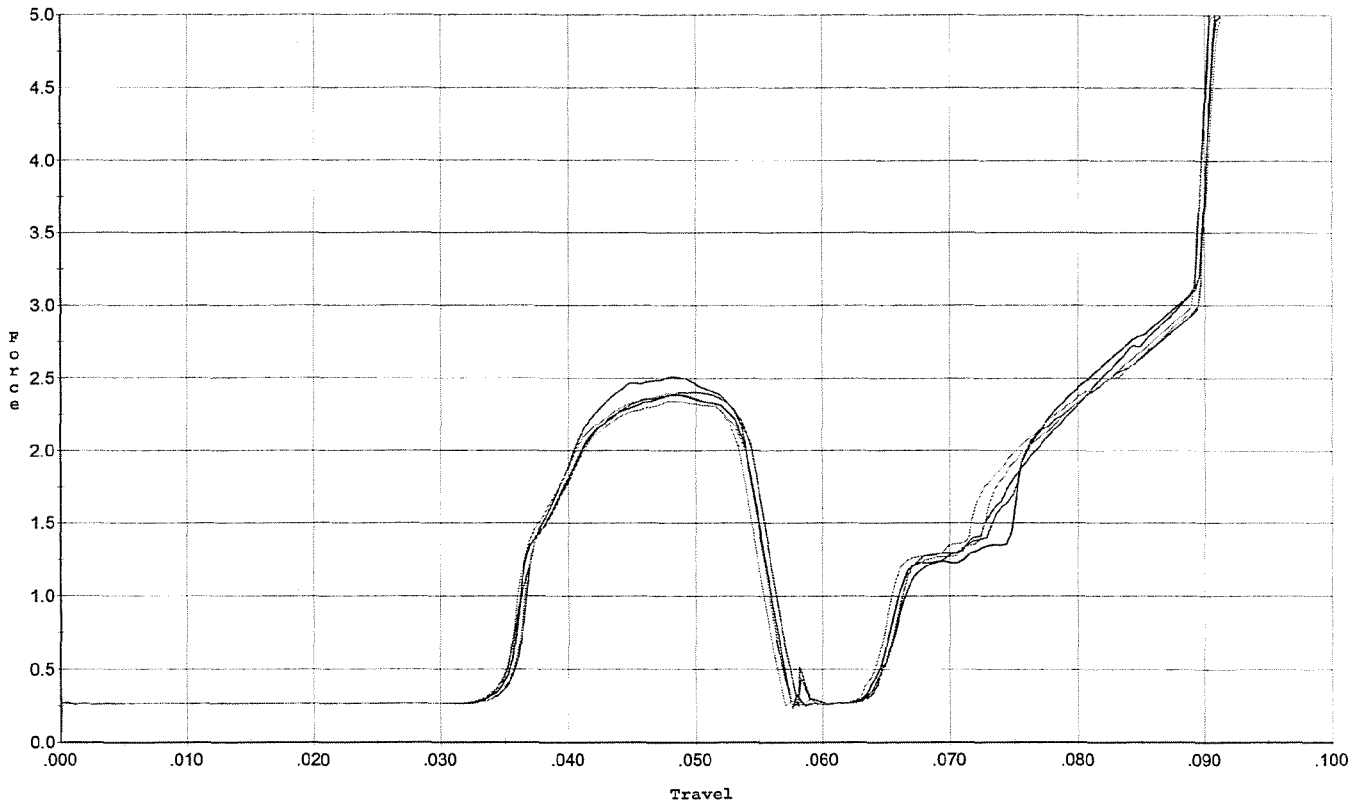
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.110      | 0.058             | 0.038           | 0.039      | 0.077             |           | Set Trigger |
| 2 | 4.122      | 0.059             | 0.038           | 0.039      | 0.079             |           | Set Trigger |
| 3 | 4.093      | 0.060             | 0.039           | 0.040      | 0.080             |           | Set Trigger |
| 4 | 4.204      | 0.062             | 0.039           | 0.038      | 0.088             |           | Set Trigger |
| 5 | 4.126      | 0.061             | 0.039           | 0.040      | 0.083             |           | Set Trigger |

Avg. 4.13

# Trigger Profile [ lbs,inch ]

**Profile:** SWS  
**GunType:** Rifle  
**Make:** Remington  
**Note:** C Schults 08/04/2008

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



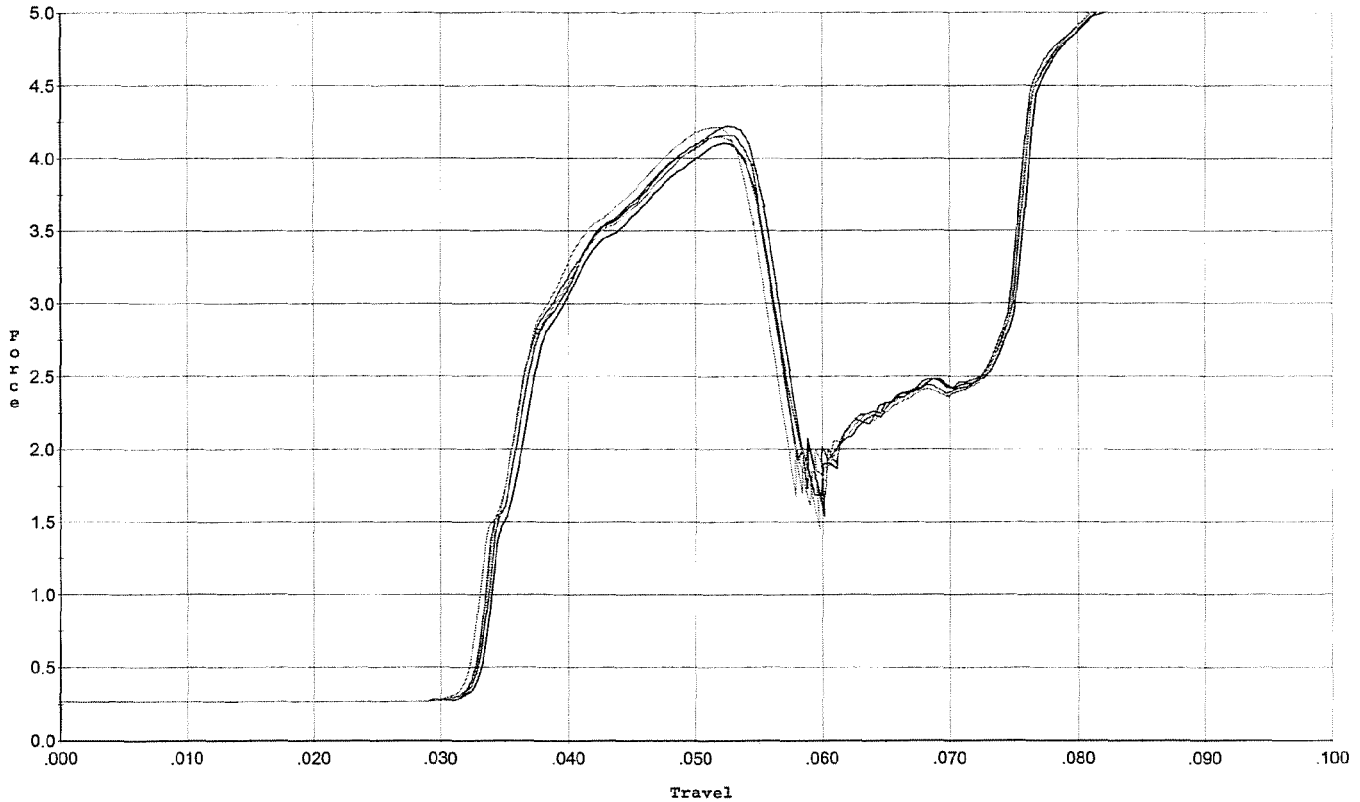
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.512      | 0.054             | 0.035           | 0.041      | 0.050             |           | Set Trigger |
| 2 | 2.386      | 0.054             | 0.035           | 0.041      | 0.048             |           | Set Trigger |
| 3 | 2.404      | 0.054             | 0.036           | 0.041      | 0.049             |           | Set Trigger |
| 4 | 2.344      | 0.054             | 0.036           | 0.041      | 0.047             |           | Set Trigger |
| 5 | 2.395      | 0.053             | 0.035           | 0.041      | 0.048             |           | Set Trigger |

Aug - 2.40

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: C Schults 08/04/2008

Model: M/24  
Serial No: Form #F005  
Trigger: set to 4.0 lbs. +/- 1.0 for target&accuracy



| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.224      | 0.055             | 0.033           | 0.036      | 0.086             |           | Set Trigger |
| 2 | 4.109      | 0.055             | 0.033           | 0.037      | 0.081             |           | Set Trigger |
| 3 | 4.161      | 0.054             | 0.032           | 0.036      | 0.084             |           | Set Trigger |
| 4 | 4.147      | 0.055             | 0.033           | 0.036      | 0.084             |           | Set Trigger |
| 5 | 4.215      | 0.055             | 0.032           | 0.036      | 0.084             |           | Set Trigger |

Aug. 4.17

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6764909.\_\_\_0  
FILE DATE AND TIME: 09/03/2008 10:22

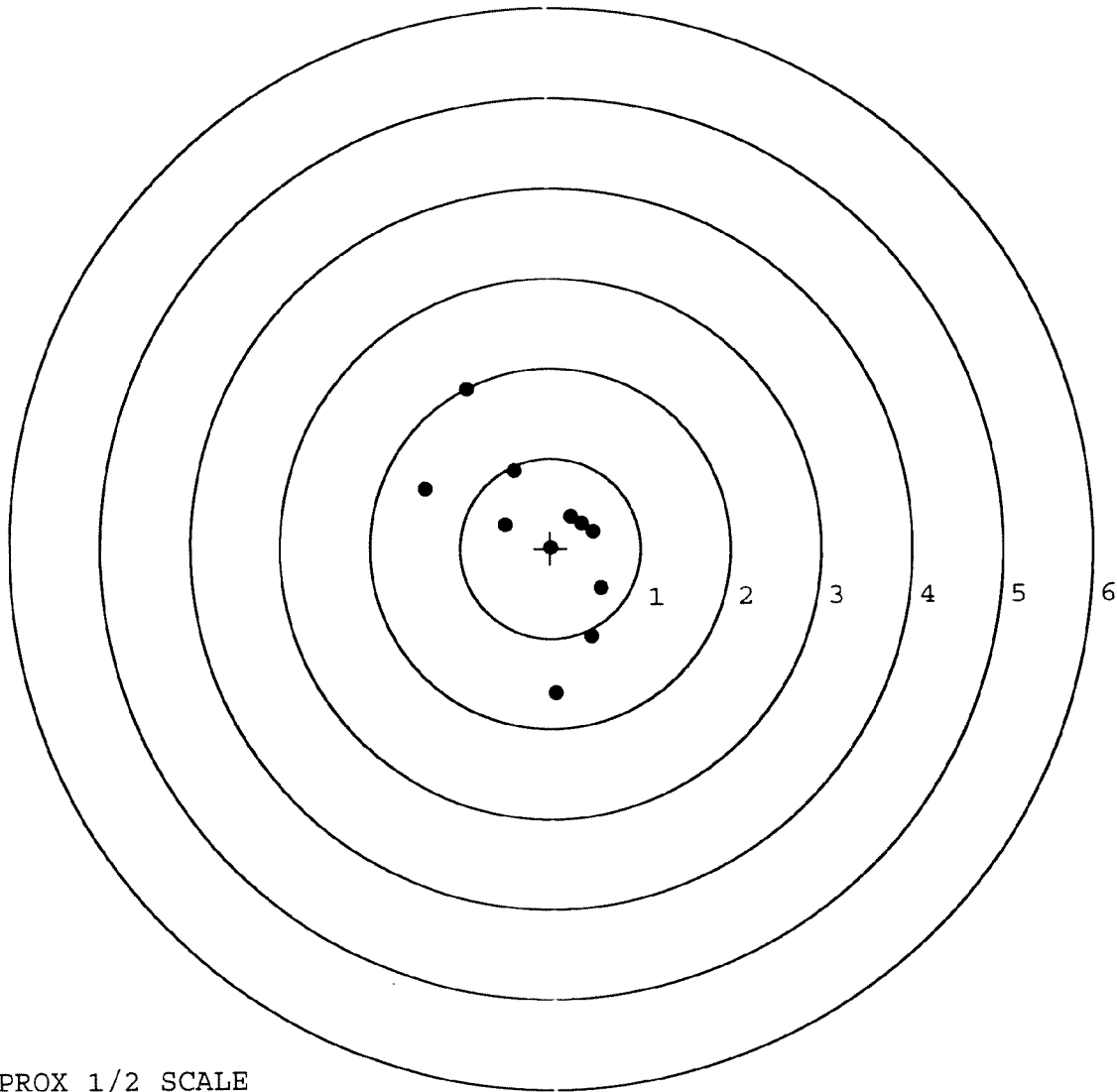
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.192 |
| The Average Y Centroid of the Five Target Set:              | 0.081 |
| The Average Point of Impact of the Five Target Set:         | 0.208 |
| The Average Mean Radius of the Five Target Set:             | 0.748 |
| The Distance from POA to Centroid Target #1:                | 0.143 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.214 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.520 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.337 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.398 |

SERIAL NUMBER: G6764909.\_\_\_0  
TARGET NUMBER: 1  
FILE DATE: 09/03/2008  
FILE TIME: 10:22

X CENTROID: -0.088  
Y CENTROID: 0.112  
POA TO CENTROID: 0.143  
HORZ SPREAD: 1.940  
VERT SPREAD: 3.386  
GROUP SPREAD: 3.520  
MIN RADIUS: 0.139  
MAX RADIUS: 1.852  
MEAN RADIUS: 0.836  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.005  | 0.009  |
| 2:     | 0.005  | 0.009  |
| 3:     | 0.053  | -1.613 |
| 4:     | 0.447  | -0.985 |
| 5:     | 0.557  | -0.447 |
| 6:     | 0.479  | 0.184  |
| 7:     | 0.347  | 0.280  |
| 8:     | 0.233  | 0.347  |
| 9:     | -0.502 | 0.261  |
| 10:    | -0.394 | 0.862  |
| 11:    | -1.383 | 0.668  |
| 12:    | -0.909 | 1.773  |

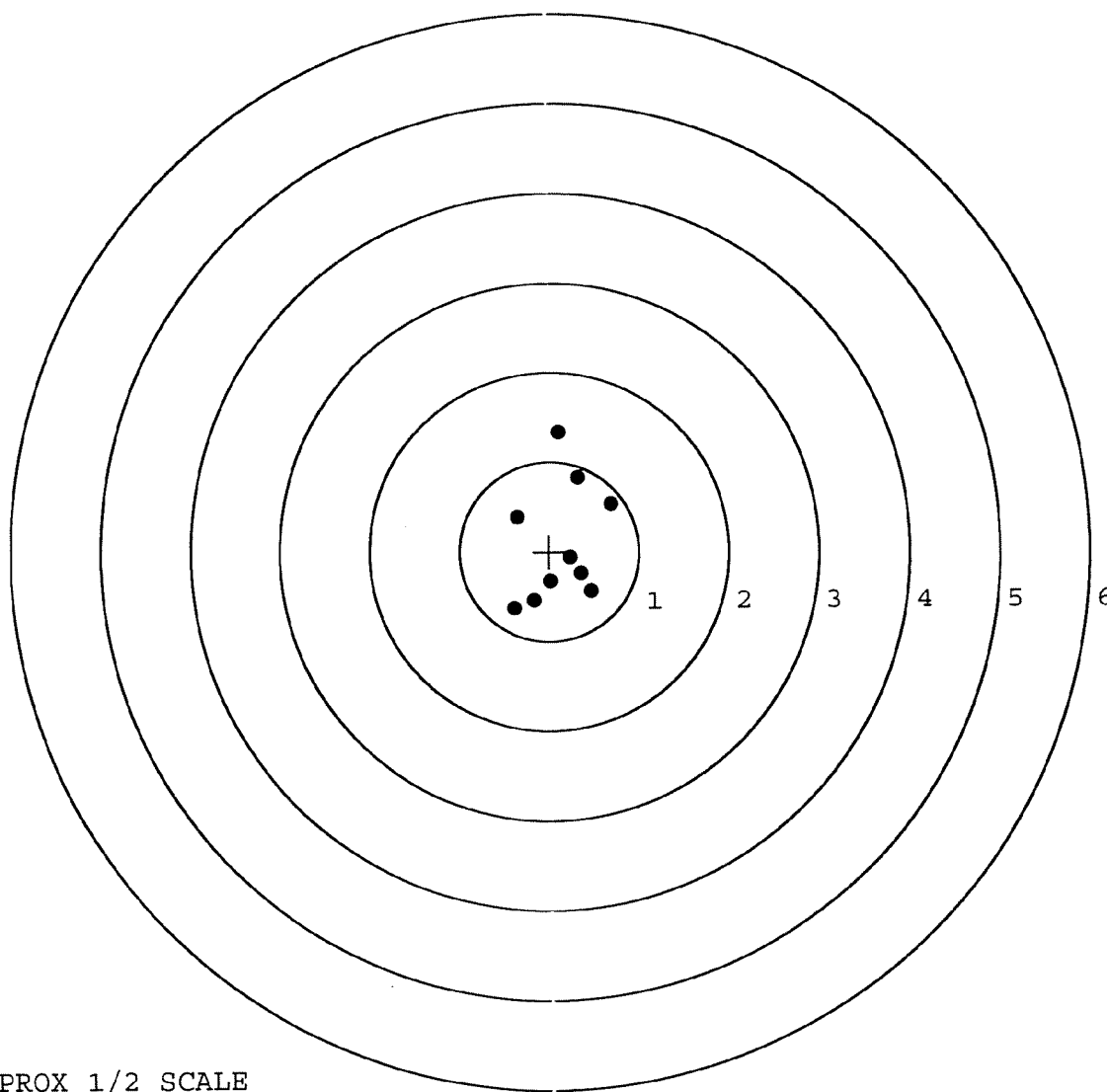


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6764909.\_\_\_0  
TARGET NUMBER: 2  
FILE DATE: 09/03/2008  
FILE TIME: 10:22

X CENTROID: 0.124  
Y CENTROID: 0.081  
POA TO CENTROID: 0.148  
HORZ SPREAD: 1.085  
VERT SPREAD: 1.961  
GROUP SPREAD: 2.024  
MIN RADIUS: 0.184  
MAX RADIUS: 1.248  
MEAN RADIUS: 0.652  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.394 | -0.633 |
| 2:     | -0.179 | -0.544 |
| 3:     | 0.007  | -0.332 |
| 4:     | 0.460  | -0.442 |
| 5:     | 0.352  | -0.241 |
| 6:     | 0.227  | -0.071 |
| 7:     | 0.691  | 0.528  |
| 8:     | 0.324  | 0.824  |
| 9:     | -0.359 | 0.389  |
| 10:    | 0.107  | 1.328  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6764909. \_\_ 0

TARGET NUMBER: 3

FILE DATE: 09/03/2008

FILE TIME: 10:22

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.166  | -0.868 |
| 2:     | 0.396  | -0.539 |
| 3:     | 0.743  | -0.465 |
| 4:     | 1.488  | 0.066  |
| 5:     | 0.256  | -0.082 |
| 6:     | 0.281  | 0.370  |
| 7:     | 0.179  | 0.703  |
| 8:     | -0.191 | 0.649  |
| 9:     | 0.216  | 1.388  |
| 10:    | 0.672  | 0.938  |

X CENTROID: 0.421

Y CENTROID: 0.216

POA TO CENTROID: 0.473

HORZ SPREAD: 1.679

VERT SPREAD: 2.256

GROUP SPREAD: 2.257

MIN RADIUS: 0.208

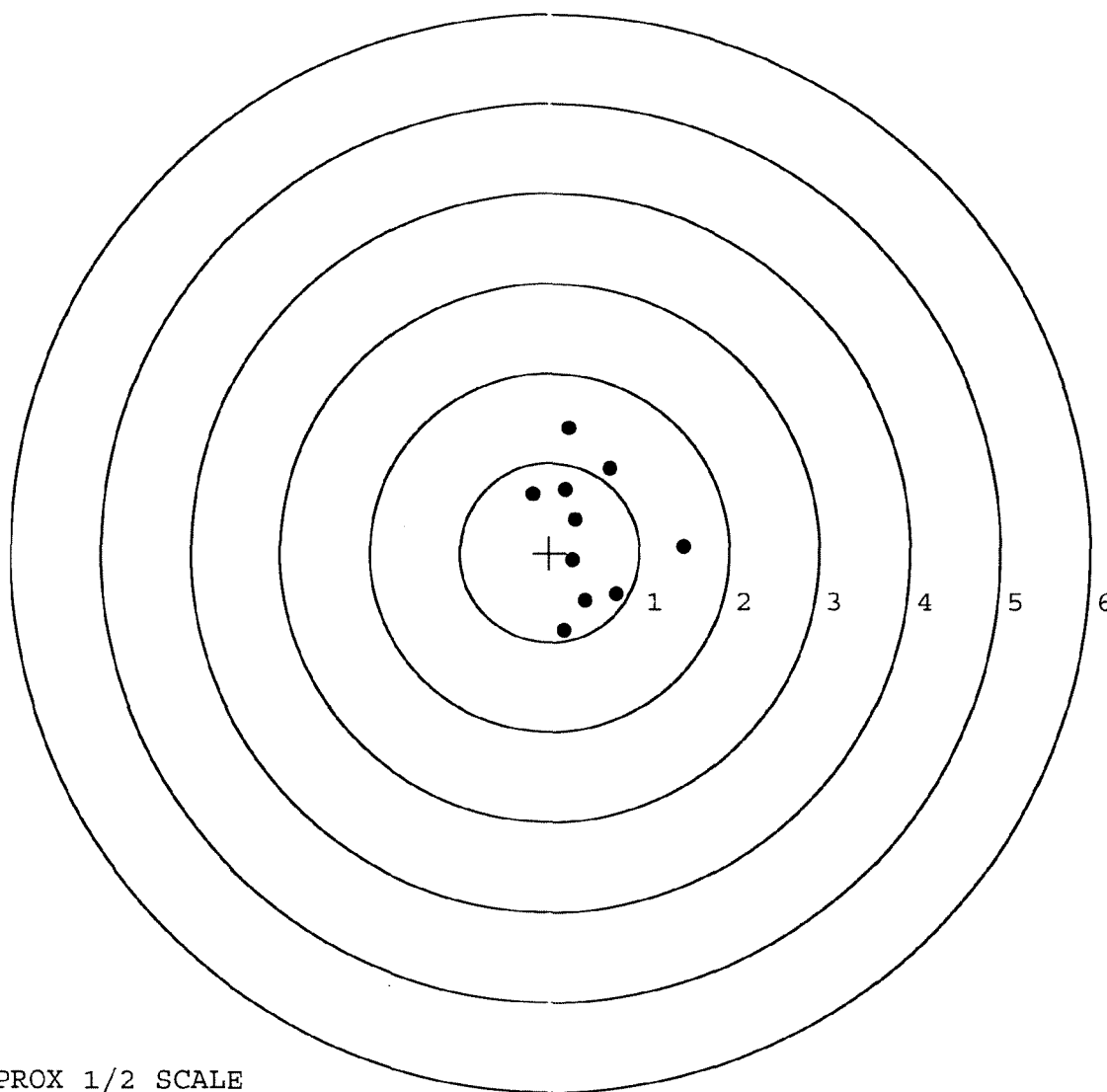
MAX RADIUS: 1.190

MEAN RADIUS: 0.750

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6764909. \_\_0

TARGET NUMBER: 4

FILE DATE: 09/03/2008

FILE TIME: 10:22

X CENTROID: 0.198

Y CENTROID: -0.066

POA TO CENTROID: 0.208

HORZ SPREAD: 2.028

VERT SPREAD: 2.264

GROUP SPREAD: 2.682

MIN RADIUS: 0.298

MAX RADIUS: 1.492

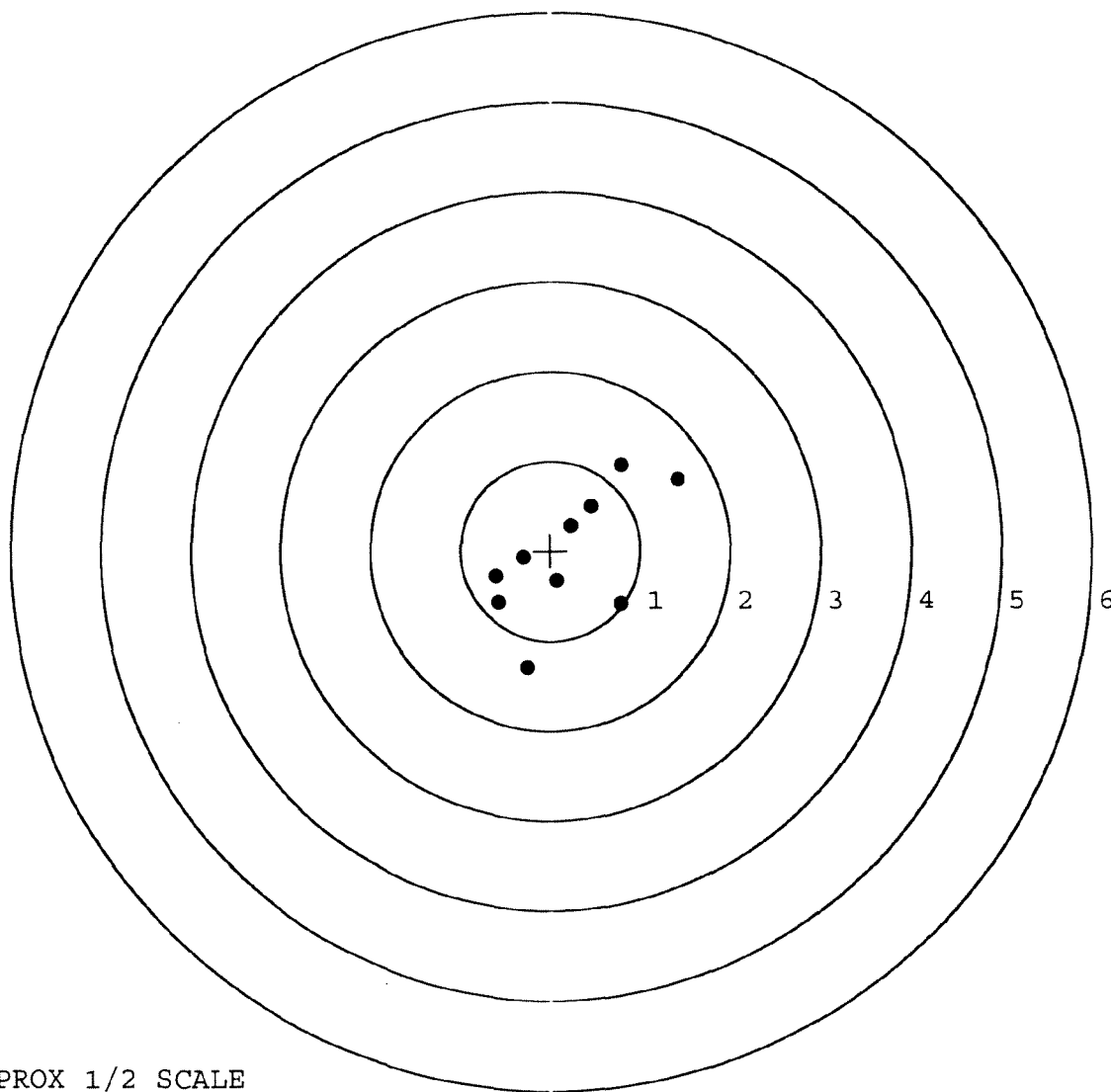
MEAN RADIUS: 0.830

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.254 | -1.306 |
| 2:     | -0.586 | -0.578 |
| 3:     | 0.073  | -0.337 |
| 4:     | 0.781  | -0.589 |
| 5:     | -0.609 | -0.289 |
| 6:     | -0.306 | -0.076 |
| 7:     | 0.222  | 0.277  |
| 8:     | 0.448  | 0.488  |
| 9:     | 1.419  | 0.790  |
| 10:    | 0.787  | 0.958  |

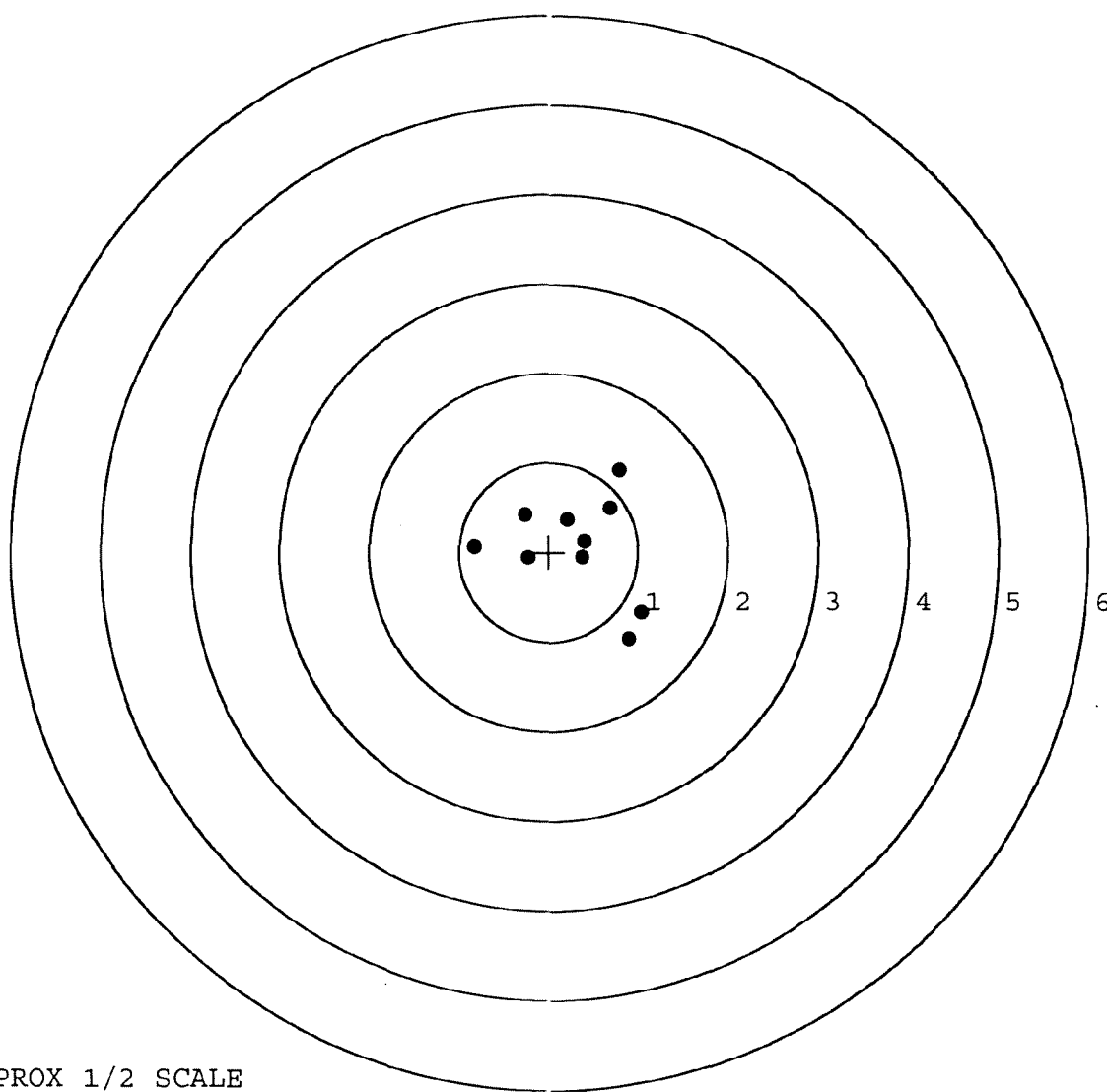


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6764909. 0  
TARGET NUMBER: 5  
FILE DATE: 09/03/2008  
FILE TIME: 10:22

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.895  | -0.969 |
| 2:     | 1.034  | -0.674 |
| 3:     | 0.379  | -0.057 |
| 4:     | 0.406  | 0.126  |
| 5:     | 0.205  | 0.364  |
| 6:     | -0.227 | -0.065 |
| 7:     | -0.832 | 0.061  |
| 8:     | -0.267 | 0.417  |
| 9:     | 0.683  | 0.489  |
| 10:    | 0.789  | 0.914  |

X CENTROID: 0.307  
Y CENTROID: 0.061  
POA TO CENTROID: 0.312  
HORZ SPREAD: 1.866  
VERT SPREAD: 1.883  
GROUP SPREAD: 2.011  
MIN RADIUS: 0.119  
MAX RADIUS: 1.186  
MEAN RADIUS: 0.671  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE