

G 661 6274

**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



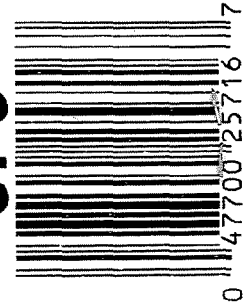
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

**G6616274**

**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.



M-24  
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6616274

| OP #            | OPERATION NAME                                                                                                                         | READINGS                | DATE     | INITIAL |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------|---------|
| 410             | SERIALIZE BOLT HANDLE                                                                                                                  |                         | 12-22-06 | RTZ     |
| 420             | ASSEMBLE ACTION                                                                                                                        |                         | 12-22-06 | RTZ     |
| 430             | ASSEMBLE TO STOCK                                                                                                                      |                         | 12-27-06 | SPD     |
| 440             | PROOF                                                                                                                                  | MAGNA-FLUX<br>INSPECTED | 12-27-06 | SPD     |
| 460             | CHECK HEADSPACE                                                                                                                        |                         | 12-27-06 | SPD     |
| 470             | DIS-ASSEMBLE ACTION                                                                                                                    | JAN 05 2007             | 12-27-06 | SPD     |
| 480             | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR <u>CIPD</u>    | 12-28-06 | RTZ     |
| 490             | MAGNAFLUX BOLT                                                                                                                         |                         |          |         |
| 500             | ROLLMARK CALIBER                                                                                                                       |                         | 1-4-07   | CW      |
| 510             | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                         | 1-4-07   | TRW     |
| 520             | GOFF BLAST BBL / REC                                                                                                                   |                         | 1-8-07   | LB      |
| 530 &<br>540    | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                         |          |         |
|                 | (BOLT)                                                                                                                                 |                         | 1/19/07  | FB      |
| 560             | RE-ASSEMBLE ACTION                                                                                                                     |                         | 1-19-07  | SD      |
|                 | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                         |          |         |
|                 | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                         | 1-19-07  | SD      |
|                 | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                         | 1-19-07  | SD      |
|                 | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                         | 1-22-07  | 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> |                         | 2/19/07  | non     |
| 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>5°</u> <u>5°</u> <u>4°</u>                               | 2/13/07 | nom     |
| CONT.        |                                                                          |                                                             |         |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>3°</u> <u>2°</u> <u>2°</u>                               | 2/13/07 | nom     |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             | 2/19/07 | nom     |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.024</u> <u>.024</u> <u>.024</u>                         | 2/13/07 | nom     |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 1-22-07 | X.P.D.  |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 2/19/07 | nom     |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 2/19/07 | nom     |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 2/19/07 | nom     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 2/19/07 | nom     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 1-23-07 | X.P.D.  |
|              | MALFUNCTION                                                              | CORRECTION                                                  | N/A     |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 1-23-07 | SD      |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 2/19/07 | nom     |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.44</u> <u>2.47</u> <u>2.66</u> <u>2.74</u> <u>2.55</u> | 2/19/07 | nom     |
|              | C) FUNCTION                                                              |                                                             | 2/19/07 | nom     |
| 690          | PACK                                                                     |                                                             | 2/21/07 | PA      |

F004 REV 5/2006

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6616274.\_\_0

FILE DATE AND TIME: 01/24/2007 14:37

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.113 |
| The Average Y Centroid of the Five Target Set:              | 0.046 |
| The Average Point of Impact of the Five Target Set:         | 0.122 |
| The Average Mean Radius of the Five Target Set:             | 0.714 |
| The Distance from POA to Centroid Target #1:                | 0.414 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.471 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.379 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.398 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.382 |

SERIAL NUMBER: G6616274. \_\_0

TARGET NUMBER: 1

FILE DATE: 01/24/2007

FILE TIME: 14:37

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.555  | -1.759 |
| 2:     | 1.197  | -1.505 |
| 3:     | 0.764  | -0.911 |
| 4:     | 1.734  | -0.407 |
| 5:     | 1.044  | 0.812  |
| 6:     | 0.520  | 0.274  |
| 7:     | -0.755 | 1.459  |
| 8:     | -0.324 | 0.955  |
| 9:     | -0.700 | 0.091  |
| 10:    | -1.038 | -0.079 |

X CENTROID: 0.400

Y CENTROID: -0.107

POA TO CENTROID: 0.414

HORZ SPREAD: 2.772

VERT SPREAD: 3.218

GROUP SPREAD: 3.961

MIN RADIUS: 0.400

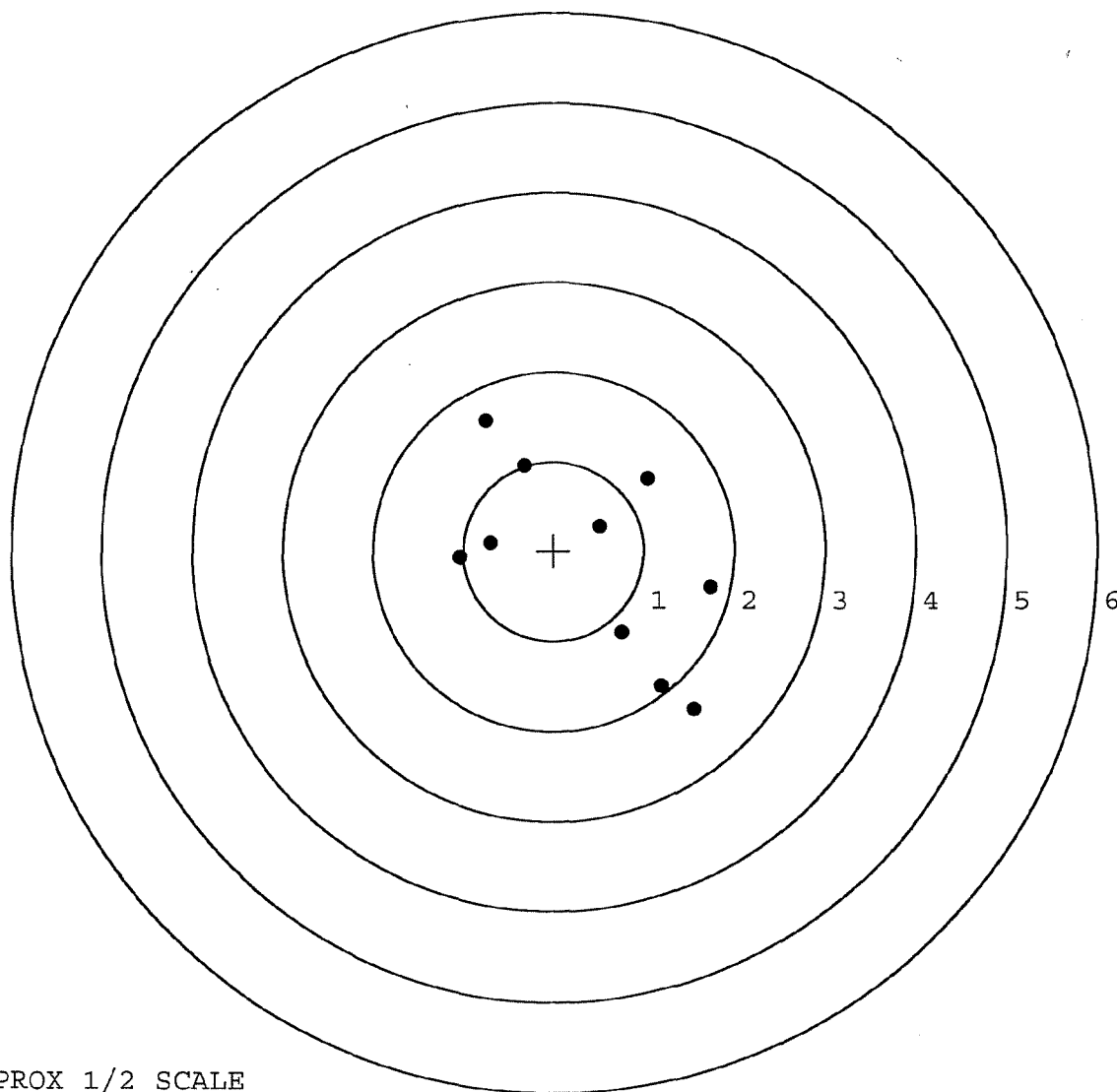
MAX RADIUS: 2.016

MEAN RADIUS: 1.318

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 2

# in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616274. \_\_0

TARGET NUMBER: 2

FILE DATE: 01/24/2007

FILE TIME: 14:37

X CENTROID: -0.001

Y CENTROID: 0.140

POA TO CENTROID: 0.140

HORZ SPREAD: 3.444

VERT SPREAD: 0.626

GROUP SPREAD: 3.459

MIN RADIUS: 0.169

MAX RADIUS: 1.818

MEAN RADIUS: 0.720

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 8

| POINT# | X | Y |
|--------|---|---|
|--------|---|---|

|    |       |       |
|----|-------|-------|
| 1: | 1.782 | 0.495 |
|----|-------|-------|

|    |        |       |
|----|--------|-------|
| 2: | -1.662 | 0.169 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 3: | -0.648 | 0.319 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 4: | -0.675 | 0.143 |
|----|--------|-------|

|    |        |        |
|----|--------|--------|
| 5: | -0.325 | -0.126 |
|----|--------|--------|

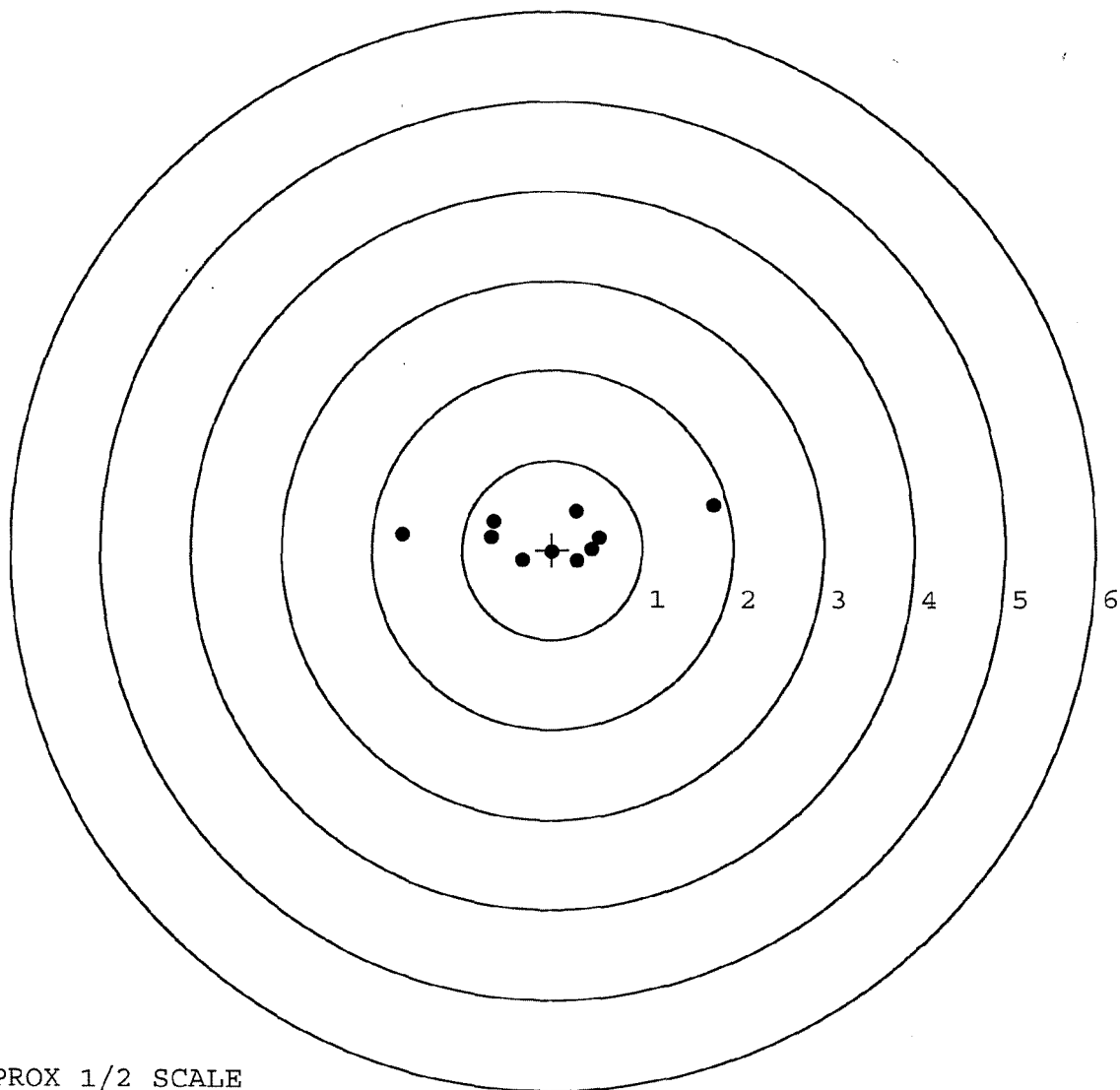
|    |        |        |
|----|--------|--------|
| 6: | -0.012 | -0.028 |
|----|--------|--------|

|    |       |       |
|----|-------|-------|
| 7: | 0.270 | 0.432 |
|----|-------|-------|

|    |       |       |
|----|-------|-------|
| 8: | 0.525 | 0.131 |
|----|-------|-------|

|    |       |        |
|----|-------|--------|
| 9: | 0.446 | -0.001 |
|----|-------|--------|

|     |       |        |
|-----|-------|--------|
| 10: | 0.284 | -0.131 |
|-----|-------|--------|



TARGET APPROX 1/2 SCALE



SERIAL NUMBER: G6616274. \_\_0

TARGET NUMBER: 3

FILE DATE: 01/24/2007

FILE TIME: 14:37

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.457  | 0.858  |
| 2:     | 0.084  | 0.488  |
| 3:     | -0.458 | 0.199  |
| 4:     | 0.359  | -0.356 |
| 5:     | 0.238  | 0.093  |
| 6:     | 0.108  | -0.344 |
| 7:     | -0.048 | -0.335 |
| 8:     | -0.246 | -0.088 |
| 9:     | -0.032 | 0.059  |
| 10:    | 0.042  | -0.165 |

X CENTROID: 0.050

Y CENTROID: 0.041

POA TO CENTROID: 0.065

HORZ SPREAD: 0.915

VERT SPREAD: 1.214

GROUP SPREAD: 1.295

MIN RADIUS: 0.084

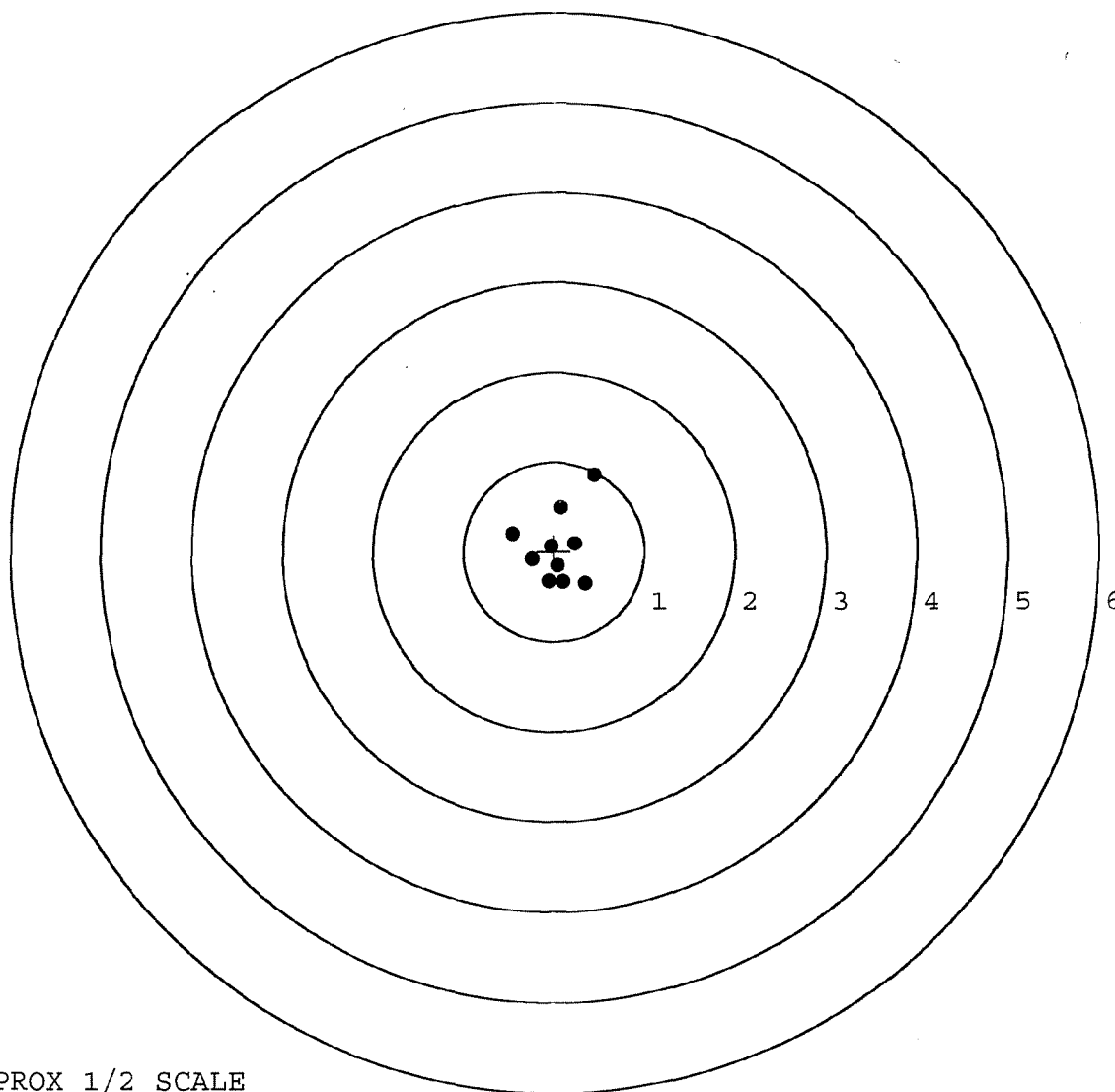
MAX RADIUS: 0.913

MEAN RADIUS: 0.398

# IN 1 IN DIAMETER: 7

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616274. \_\_0

TARGET NUMBER: 4

FILE DATE: 01/24/2007

FILE TIME: 14:37

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.156  | 0.863  |
| 2:     | -0.277 | 0.572  |
| 3:     | -0.512 | 0.492  |
| 4:     | -0.792 | -0.133 |
| 5:     | 0.678  | -0.394 |
| 6:     | 0.516  | 0.020  |
| 7:     | 0.351  | -0.286 |
| 8:     | -0.046 | 0.025  |
| 9:     | -0.174 | -0.269 |
| 10:    | 0.522  | -0.220 |

X CENTROID: 0.042

Y CENTROID: 0.067

POA TO CENTROID: 0.079

HORZ SPREAD: 1.470

VERT SPREAD: 1.257

GROUP SPREAD: 1.493

MIN RADIUS: 0.098

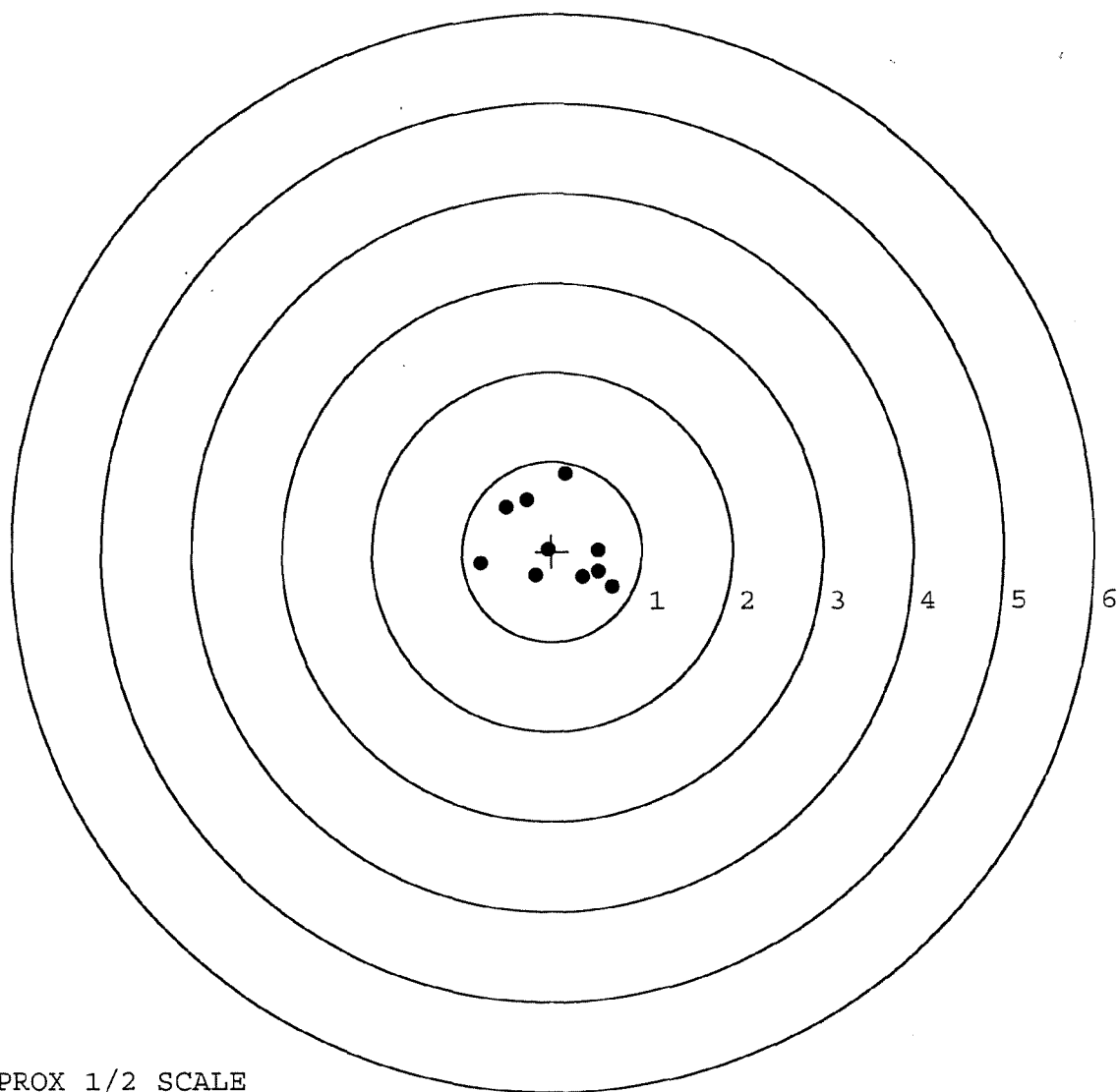
MAX RADIUS: 0.858

MEAN RADIUS: 0.574

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



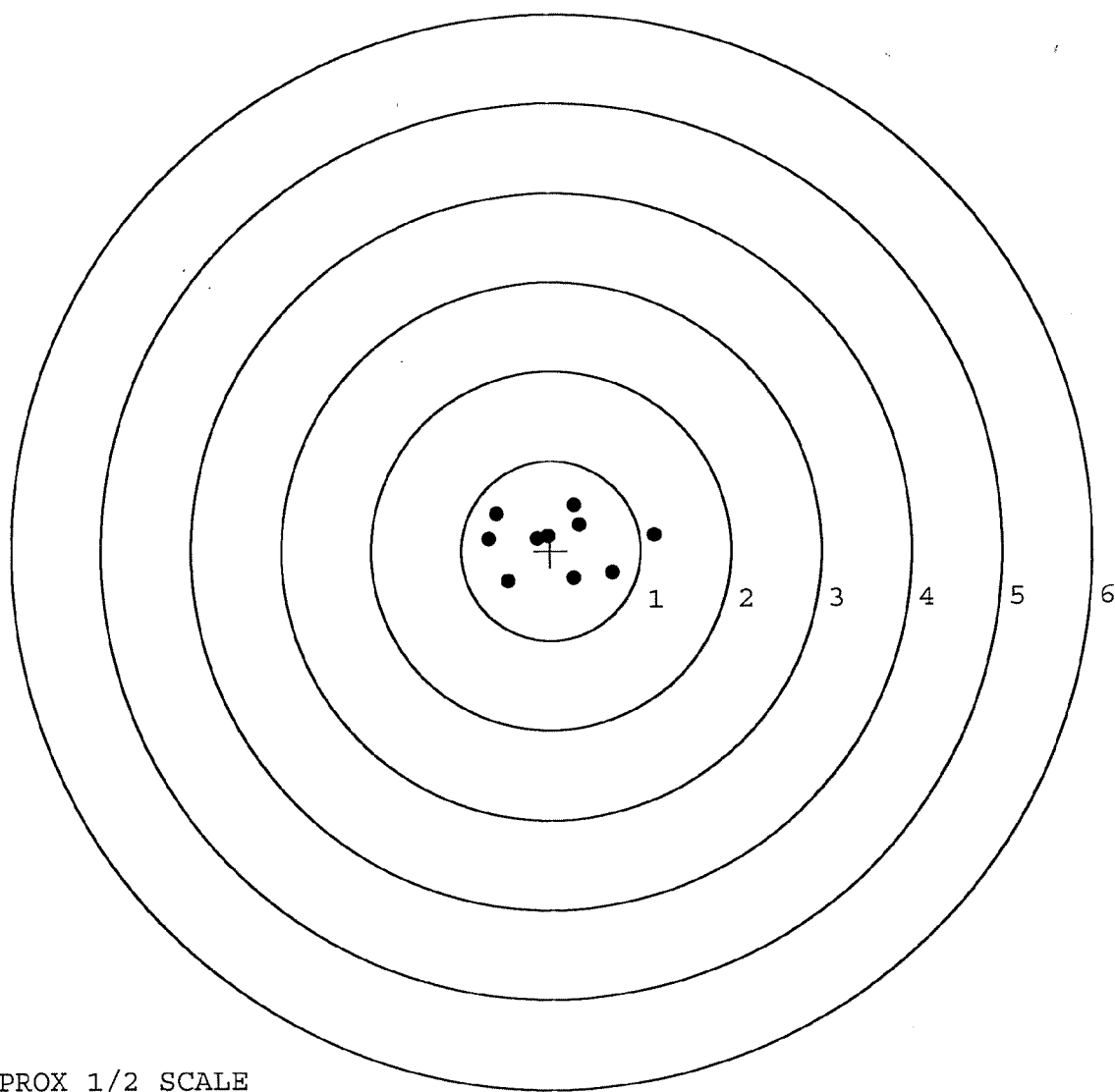
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616274. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 01/24/2007  
FILE TIME: 14:37

X CENTROID: 0.073  
Y CENTROID: 0.091  
POA TO CENTROID: 0.116  
HORZ SPREAD: 1.838  
VERT SPREAD: 0.857  
GROUP SPREAD: 1.838  
MIN RADIUS: 0.124  
MAX RADIUS: 1.078  
MEAN RADIUS: 0.558

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.148  | 0.173  |
| 2:     | 0.687  | -0.256 |
| 3:     | 0.254  | -0.312 |
| 4:     | -0.476 | -0.345 |
| 5:     | 0.326  | 0.291  |
| 6:     | 0.266  | 0.512  |
| 7:     | -0.030 | 0.160  |
| 8:     | -0.149 | 0.135  |
| 9:     | -0.690 | 0.135  |
| 10:    | -0.605 | 0.414  |

# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

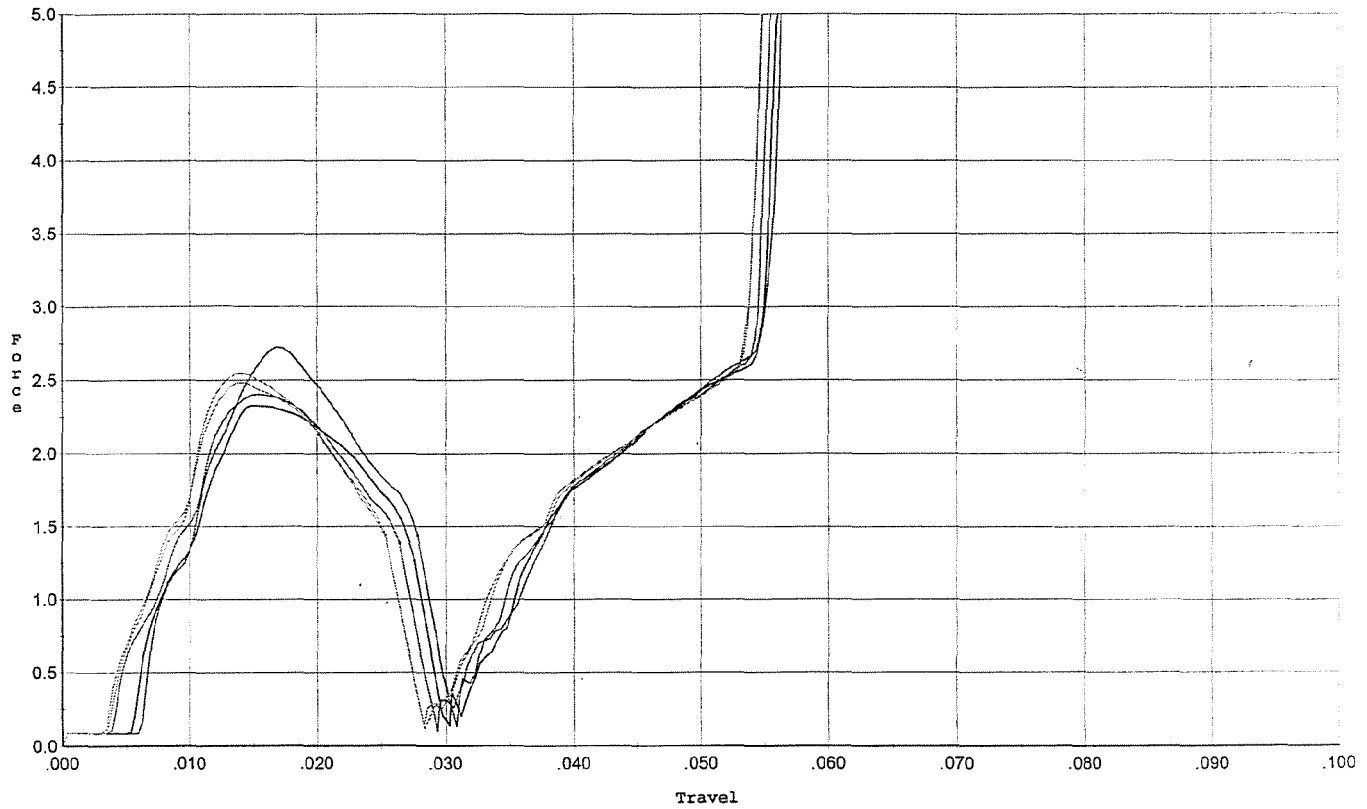


TARGET APPROX 1/2 SCALE

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: S. Day 12/20/06

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



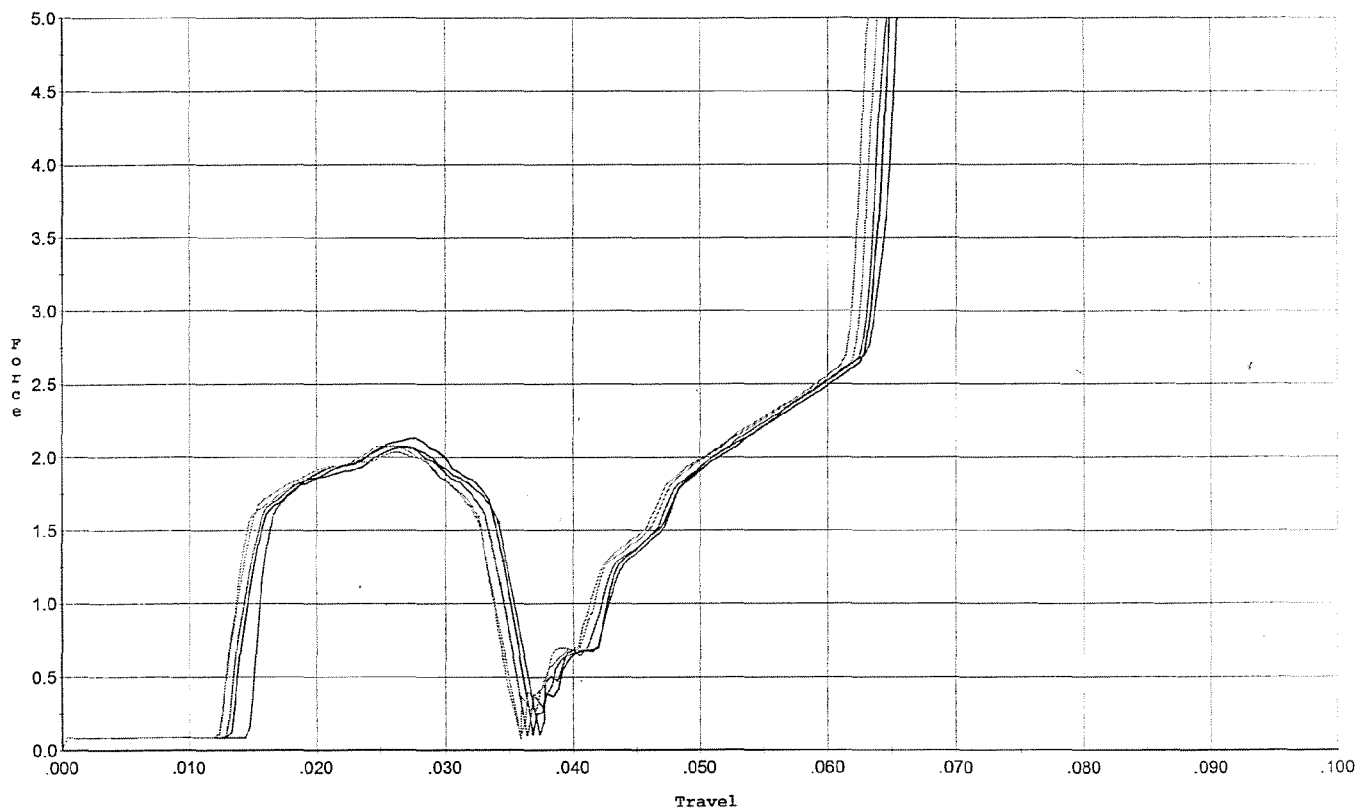
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.725      | 0.028             | 0.006           | 0.035      | 0.042             |           | Set Trigger |
| 2 | 2.330      | 0.028             | 0.006           | 0.035      | 0.039             |           | Set Trigger |
| 3 | 2.404      | 0.026             | 0.004           | 0.035      | 0.039             |           | Set Trigger |
| 4 | 2.485      | 0.025             | 0.004           | 0.035      | 0.038             |           | Set Trigger |
| 5 | 2.547      | 0.025             | 0.004           | 0.035      | 0.039             |           | Set Trigger |

Aug 249

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: S. Day 12/20/06

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



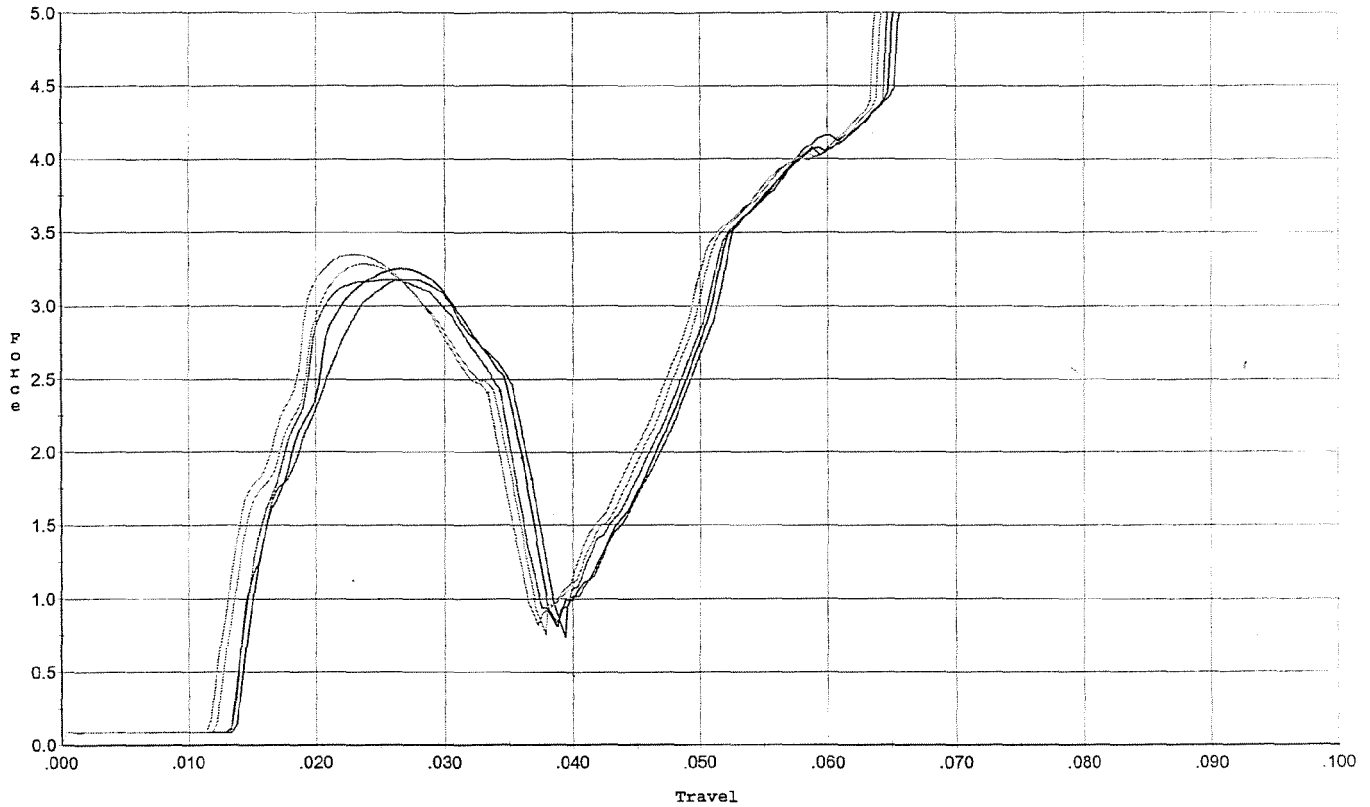
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.064      | 0.034             | 0.015           | 0.038      | 0.036             |           | Set Trigger |
| 2 | 2.128      | 0.035             | 0.014           | 0.038      | 0.038             |           | Set Trigger |
| 3 | 2.077      | 0.034             | 0.013           | 0.038      | 0.038             |           | Set Trigger |
| 4 | 2.075      | 0.033             | 0.013           | 0.038      | 0.036             |           | Set Trigger |
| 5 | 2.034      | 0.033             | 0.013           | 0.038      | 0.036             |           | Set Trigger |

Aug 2007

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: S. Day 12/20/06

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



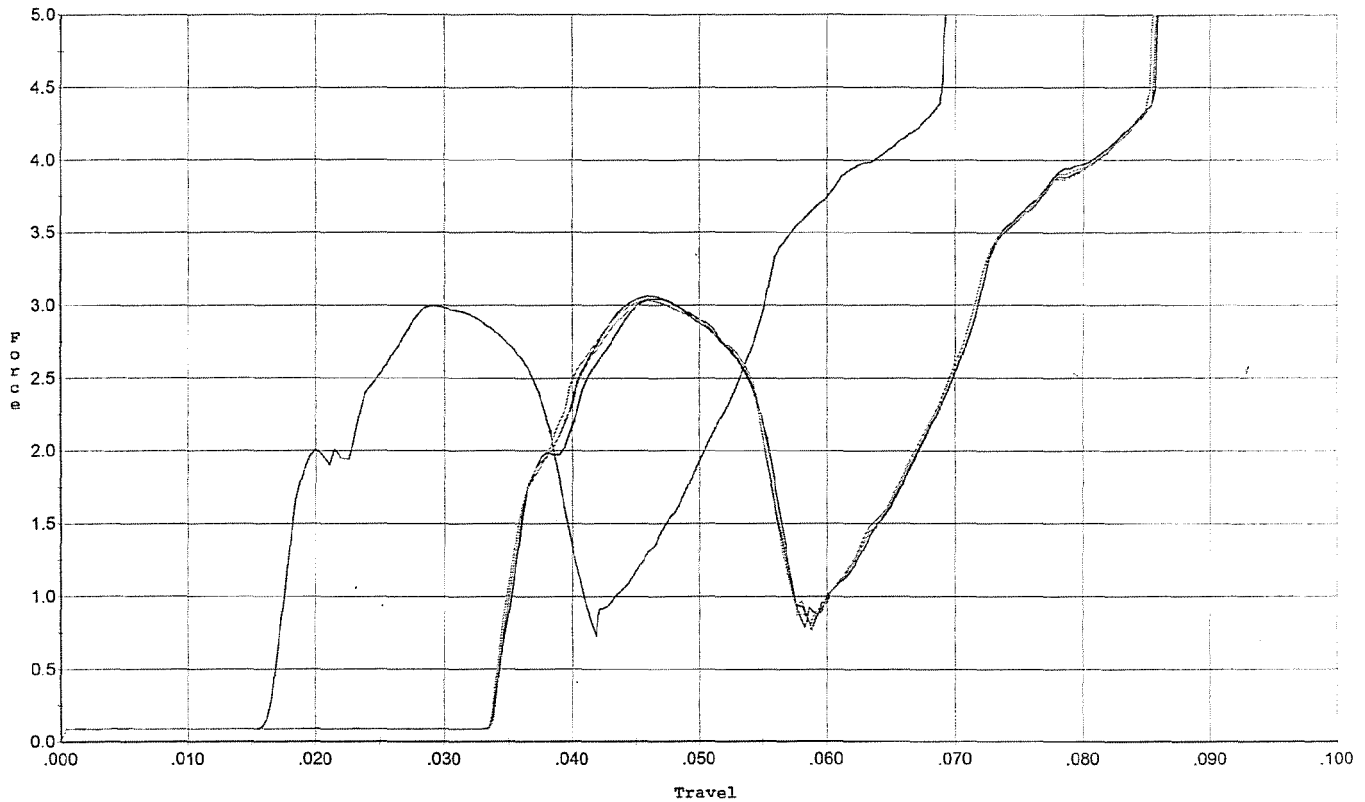
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.178      | 0.037             | 0.014           | 0.032      | 0.057             |           | Set Trigger |
| 2 | 3.253      | 0.036             | 0.014           | 0.032      | 0.057             |           | Set Trigger |
| 3 | 3.176      | 0.034             | 0.014           | 0.032      | 0.054             |           | Set Trigger |
| 4 | 3.288      | 0.035             | 0.012           | 0.032      | 0.057             |           | Set Trigger |
| 5 | 3.352      | 0.033             | 0.012           | 0.033      | 0.056             |           | Set Trigger |

AUG 324

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: S. Day 12/20/06

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



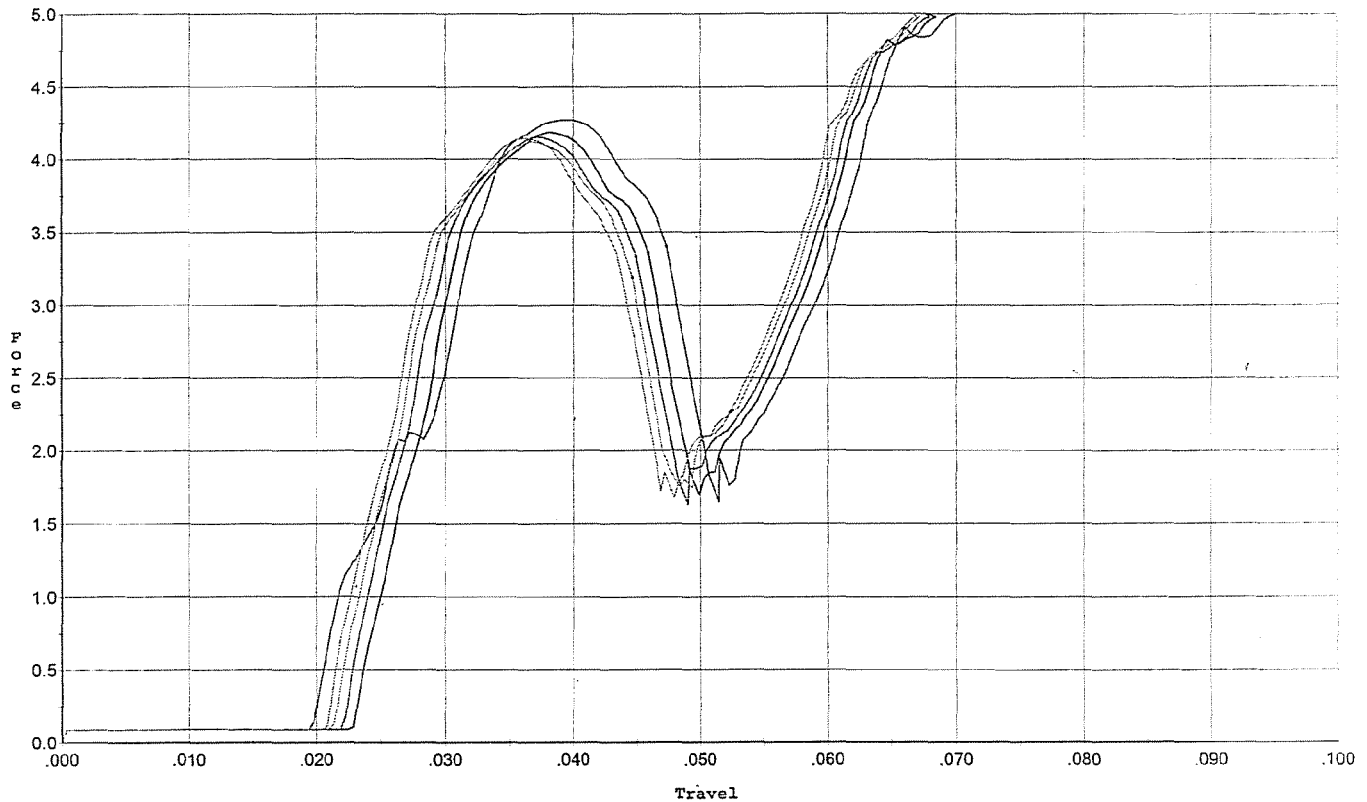
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.996      | 0.038             | 0.016           | 0.033      | 0.053             |           | Set Trigger |
| 2 | 3.045      | 0.055             | 0.034           | 0.036      | 0.055             |           | Set Trigger |
| 3 | 3.064      | 0.054             | 0.034           | 0.036      | 0.055             |           | Set Trigger |
| 4 | 3.029      | 0.055             | 0.034           | 0.035      | 0.056             |           | Set Trigger |
| 5 | 3.033      | 0.054             | 0.034           | 0.035      | 0.055             |           | Set Trigger |

Avg 3.02

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: S. Day 12/20/06

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



| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.268      | 0.047             | 0.020           | 0.029      | 0.085             |           | Set Trigger |
| 2 | 4.185      | 0.046             | 0.023           | 0.029      | 0.076             |           | Set Trigger |
| 3 | 4.155      | 0.045             | 0.022           | 0.029      | 0.075             |           | Set Trigger |
| 4 | 4.120      | 0.045             | 0.022           | 0.028      | 0.075             |           | Set Trigger |
| 5 | 4.146      | 0.045             | 0.021           | 0.028      | 0.076             |           | Set Trigger |

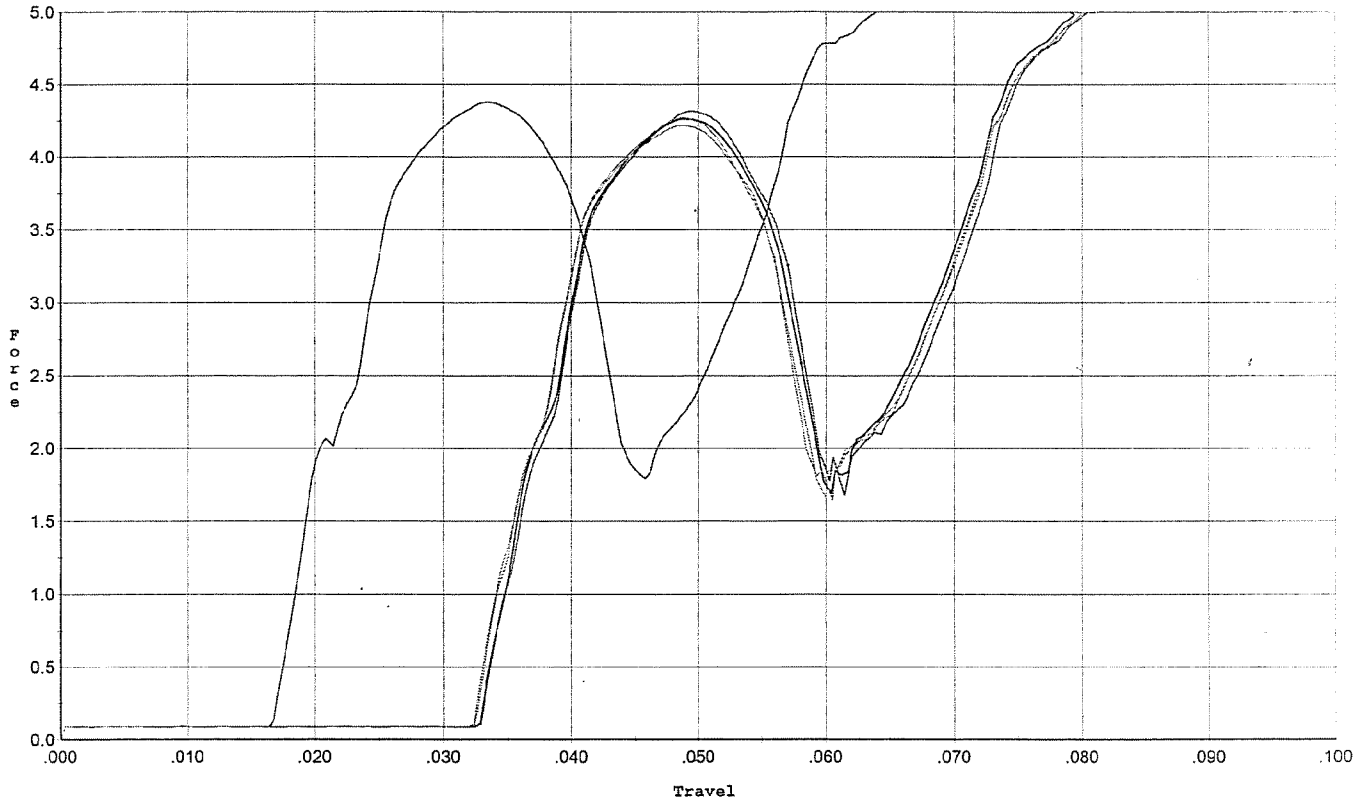
Avg 4.17



# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: S. Day 12/20/06

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



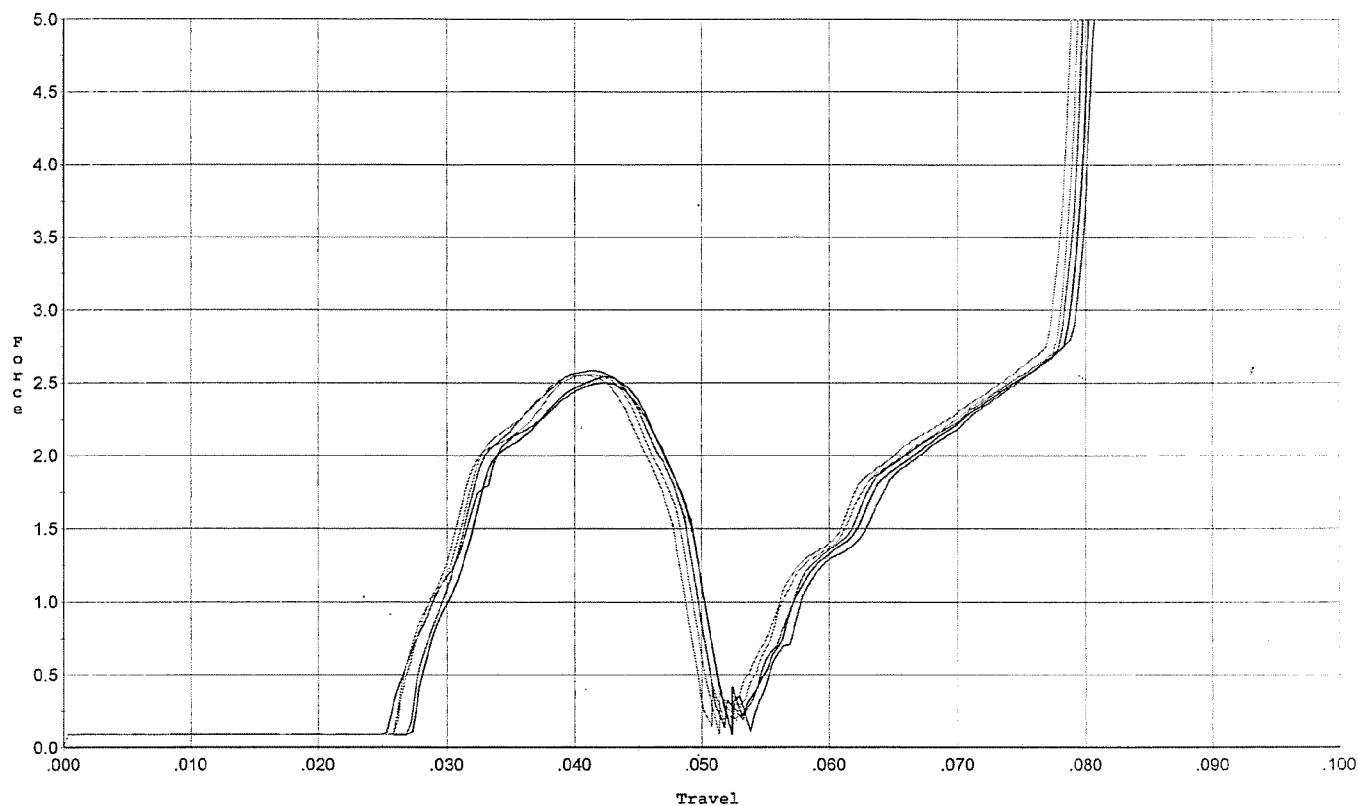
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.378      | 0.042             | 0.017           | 0.027      | 0.083             |           | Set Trigger |
| 2 | 4.260      | 0.058             | 0.033           | 0.033      | 0.084             |           | Set Trigger |
| 3 | 4.316      | 0.057             | 0.033           | 0.033      | 0.083             |           | Set Trigger |
| 4 | 4.270      | 0.056             | 0.033           | 0.033      | 0.081             |           | Set Trigger |
| 5 | 4.216      | 0.056             | 0.033           | 0.033      | 0.081             |           | Set Trigger |

Avg 428

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: S. Day 12/20/06

Model: M/24  
Serial No: Form #F005  
Trigger: 2.5 reset final test



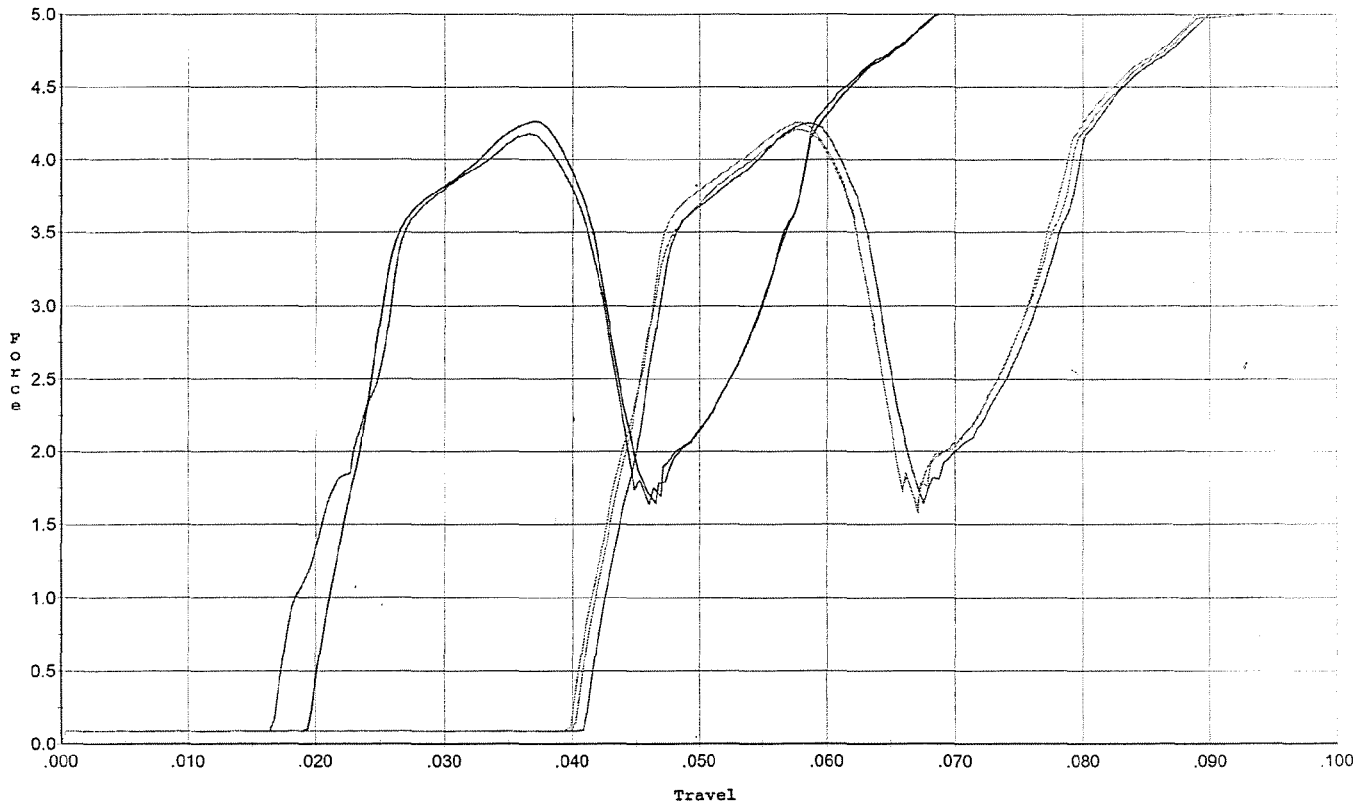
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.500      | 0.049             | 0.026           | 0.036      | 0.046             |           | Set Trigger |
| 2 | 2.542      | 0.049             | 0.028           | 0.035      | 0.044             |           | Set Trigger |
| 3 | 2.584      | 0.049             | 0.027           | 0.035      | 0.045             |           | Set Trigger |
| 4 | 2.556      | 0.048             | 0.026           | 0.036      | 0.045             |           | Set Trigger |
| 5 | 2.553      | 0.048             | 0.026           | 0.036      | 0.044             |           | Set Trigger |

AUG 254

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: S. Day 12/20/06

Model: M/24  
Serial No: Form #F005  
Trigger: 4.0 reset for target and accuracy



| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.180      | 0.042             | 0.017           | 0.028      | 0.079             |           | Set Trigger |
| 2 | 4.267      | 0.042             | 0.020           | 0.028      | 0.075             |           | Set Trigger |
| 3 | 4.252      | 0.063             | 0.041           | 0.033      | 0.080             |           | Set Trigger |
| 4 | 4.256      | 0.064             | 0.040           | 0.033      | 0.082             |           | Set Trigger |
| 5 | 4.206      | 0.064             | 0.040           | 0.033      | 0.081             |           | Set Trigger |

AUG 422