

G663 7649

**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

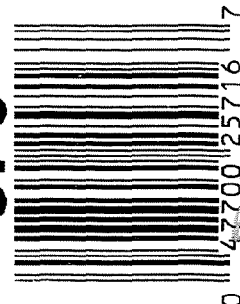
**24"**

CAPACITY

**6**

**G6637649**

**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.



## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6637649

| OP #         | OPERATION NAME                                                                                                                         | READINGS             | DATE    | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------|---------|
| 410          | SERIALIZE BOLT HANDLE                                                                                                                  |                      | 5-7-07  | RTL     |
| 420          | ASSEMBLE ACTION                                                                                                                        |                      | 5-7-07  | APD     |
| 430          | ASSEMBLE TO STOCK                                                                                                                      |                      | 5-7-07  | TRW     |
| 440          | PROOF                                                                                                                                  | MAGNA - FLUX         | 5-7-07  | Fm      |
| 460          | CHECK HEADSPACE                                                                                                                        | MAY 10 2008          | 5-7-07  | Fm      |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    |                      |         |         |
| 480          | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR <u>unus</u> | 5/10/07 | unus    |
| 490          | MAGNAFLUX BOLT                                                                                                                         |                      |         |         |
| 500          | ROLLMARK CALIBER                                                                                                                       |                      | 5-9-07  | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                      | 5-9-07  | TRW     |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                      | 5-10-07 | UB      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                      |         |         |
|              | (BOLT)                                                                                                                                 |                      | 5-17-07 | un      |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                      |         |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                      | 5-17-07 | APD     |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                      | 5-17-07 | APD     |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                      | 5-17-07 | APD     |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                      | 5-22-07 | APD     |
|              | 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>55</u> <u>52</u> <u>55</u>                               | 5-30-07 | RA      |
| CONT.        |                                                                          |                                                             |         |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>35</u> <u>35</u> <u>40</u>                               | 5-30-07 | RA      |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             |         |         |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.024</u> <u>.023</u> <u>.023</u>                         | 5-30-07 | RA      |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 5-22-07 | A.P.D.  |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 6-7-07  | A.P.D.  |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 6-7-07  | A.P.D.  |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 6-7-07  | A.P.D.  |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 6-7-07  | A.P.D.  |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 5/29/07 | RA      |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 5-29-07 | SD      |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 6-7-07  | A.P.D.  |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.68</u> <u>2.70</u> <u>2.65</u> <u>2.69</u> <u>2.63</u> | 5-31-07 | RA      |
|              | C) FUNCTION                                                              |                                                             | 6-7-07  | A.P.D.  |
| 690          | PACK                                                                     |                                                             | 6/30/07 | RA      |

F004 REV 5/2006

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637649.\_\_0  
FILE DATE AND TIME: 05/30/2007 04:58

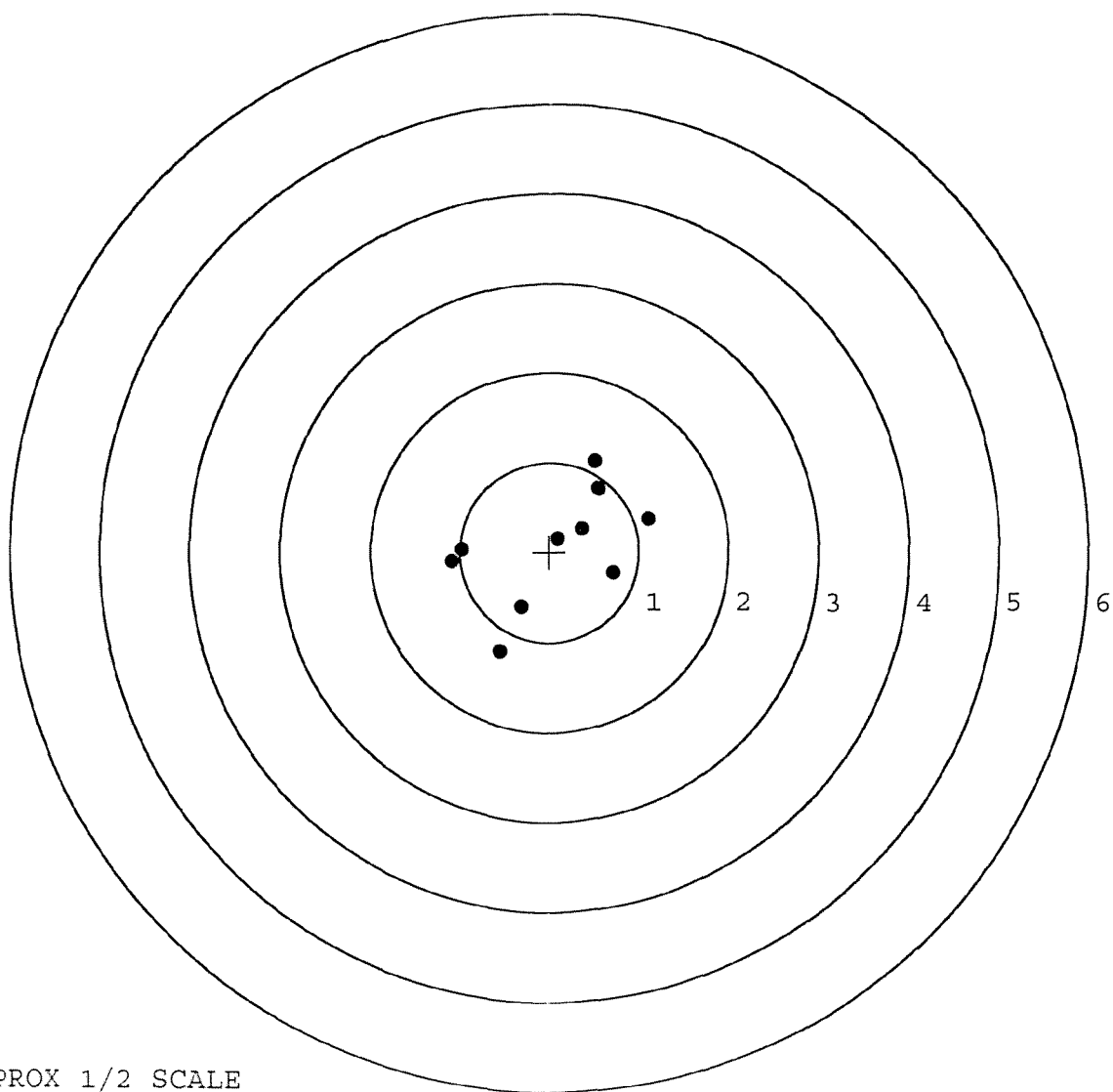
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.024  |
| The Average Y Centroid of the Five Target Set:              | -0.033 |
| The Average Point of Impact of the Five Target Set:         | 0.041  |
| The Average Mean Radius of the Five Target Set:             | 0.664  |
| The Distance from POA to Centroid Target #1:                | 0.060  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.180  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.024  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.210  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.064  |

SERIAL NUMBER: G6637649. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 05/30/2007  
FILE TIME: 04:58

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.511  | 1.011  |
| 2:     | 0.548  | 0.706  |
| 3:     | 1.103  | 0.372  |
| 4:     | 0.715  | -0.234 |
| 5:     | 0.362  | 0.255  |
| 6:     | 0.094  | 0.147  |
| 7:     | -0.320 | -0.608 |
| 8:     | -0.548 | -1.102 |
| 9:     | -1.091 | -0.116 |
| 10:    | -0.980 | 0.022  |

X CENTROID: 0.039  
Y CENTROID: 0.045  
POA TO CENTROID: 0.060  
HORZ SPREAD: 2.194  
VERT SPREAD: 2.113  
GROUP SPREAD: 2.364  
MIN RADIUS: 0.115  
MAX RADIUS: 1.289  
MEAN RADIUS: 0.845  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 5  
# in 3 IN DIAMETER: 10

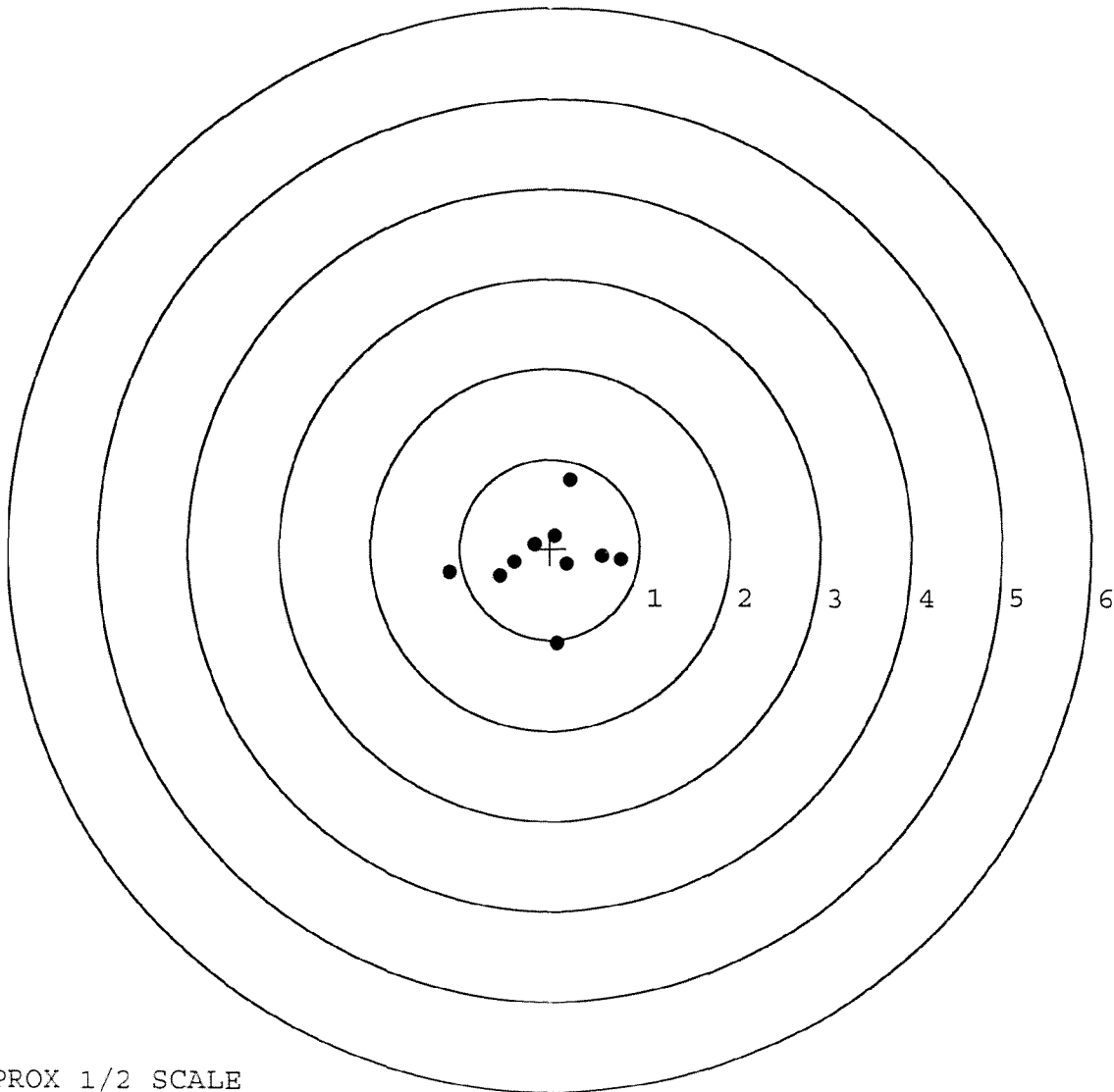


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637649. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 05/30/2007  
FILE TIME: 04:58

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.078  | -1.046 |
| 2:     | -0.554 | -0.300 |
| 3:     | -1.118 | -0.269 |
| 4:     | 0.790  | -0.127 |
| 5:     | 0.586  | -0.093 |
| 6:     | 0.187  | -0.170 |
| 7:     | -0.169 | 0.051  |
| 8:     | 0.056  | 0.141  |
| 9:     | 0.224  | 0.767  |
| 10:    | -0.398 | -0.150 |

X CENTROID: -0.032  
Y CENTROID: -0.120  
POA TO CENTROID: 0.124  
HORZ SPREAD: 1.908  
VERT SPREAD: 1.813  
GROUP SPREAD: 1.913  
MIN RADIUS: 0.219  
MAX RADIUS: 1.096  
MEAN RADIUS: 0.603  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637649. \_\_0

TARGET NUMBER: 3

FILE DATE: 05/30/2007

FILE TIME: 04:58

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.015 | -0.953 |
| 2:     | 0.604  | -0.531 |
| 3:     | 1.406  | 0.460  |
| 4:     | 0.518  | 0.754  |
| 5:     | 0.287  | 0.479  |
| 6:     | 0.071  | -0.048 |
| 7:     | -0.267 | 0.012  |
| 8:     | -0.698 | 0.885  |
| 9:     | -1.582 | -0.544 |
| 10:    | -0.165 | -0.125 |

X CENTROID: 0.016

Y CENTROID: 0.039

POA TO CENTROID: 0.042

HORZ SPREAD: 2.988

VERT SPREAD: 1.838

GROUP SPREAD: 3.152

MIN RADIUS: 0.103

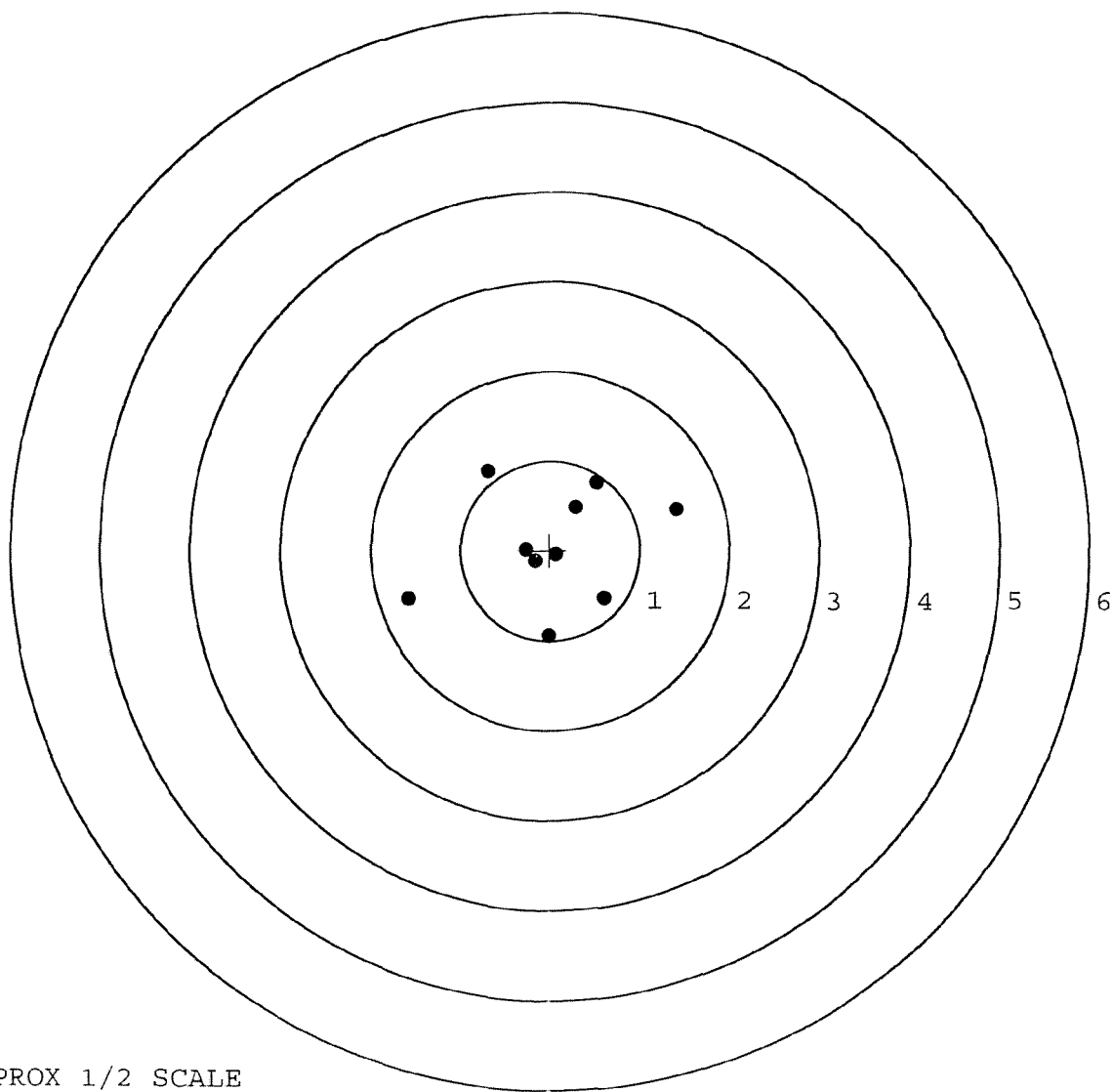
MAX RADIUS: 1.701

MEAN RADIUS: 0.809

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637649. \_\_0

TARGET NUMBER: 4

FILE DATE: 05/30/2007

FILE TIME: 04:58

X CENTROID: 0.118

Y CENTROID: -0.149

POA TO CENTROID: 0.190

HORZ SPREAD: 2.282

VERT SPREAD: 0.993

GROUP SPREAD: 2.470

MIN RADIUS: 0.039

MAX RADIUS: 1.425

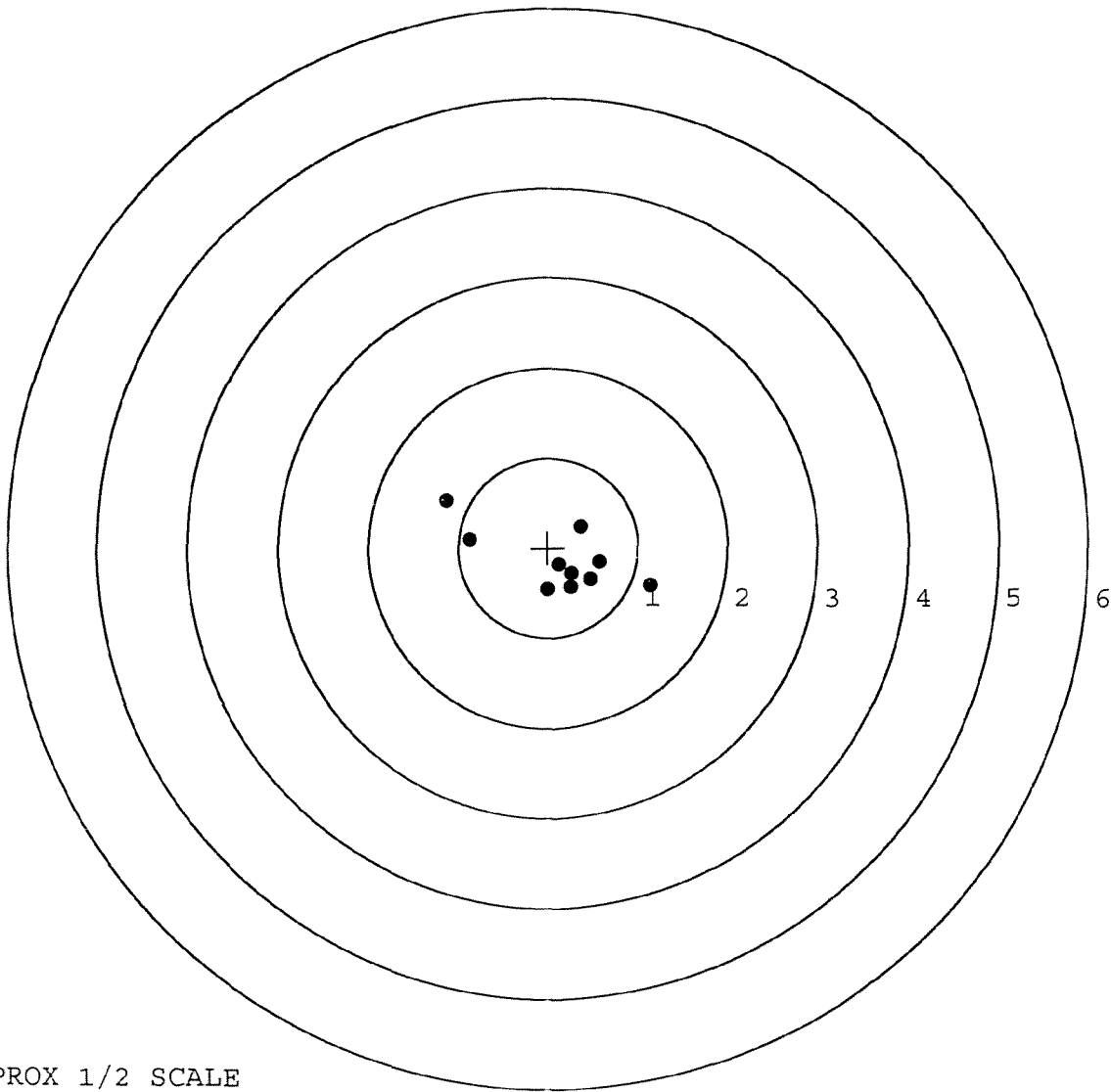
MEAN RADIUS: 0.575

# IN 1 IN DIAMETER: 7

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10

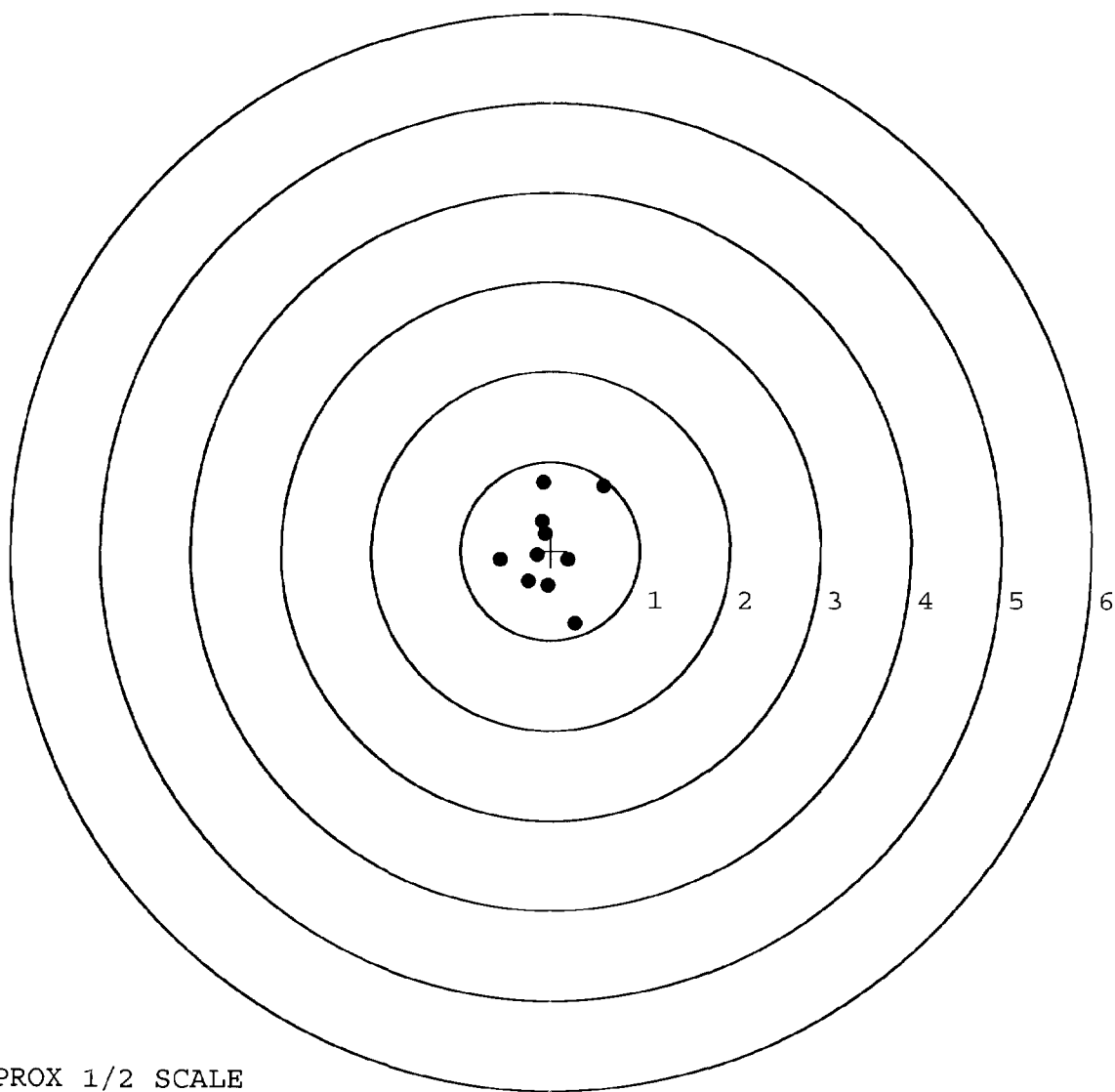
| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.879 | 0.087  |
| 2:     | -1.138 | 0.524  |
| 3:     | 1.144  | -0.421 |
| 4:     | 0.365  | 0.234  |
| 5:     | 0.575  | -0.166 |
| 6:     | 0.476  | -0.360 |
| 7:     | 0.266  | -0.288 |
| 8:     | 0.126  | -0.187 |
| 9:     | -0.013 | -0.469 |
| 10:    | 0.258  | -0.444 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637649. 0  
TARGET NUMBER: 5  
FILE DATE: 05/30/2007  
FILE TIME: 04:58

|                     | POINT# | X      | Y      |
|---------------------|--------|--------|--------|
|                     | 1:     | 0.279  | -0.814 |
|                     | 2:     | 0.599  | 0.733  |
|                     | 3:     | -0.089 | 0.770  |
|                     | 4:     | -0.565 | -0.103 |
| X CENTROID:         | 5:     | -0.102 | 0.329  |
| Y CENTROID:         | 6:     | -0.072 | 0.187  |
| POA TO CENTROID:    | 7:     | 0.187  | -0.103 |
| HORZ SPREAD:        | 8:     | -0.157 | -0.049 |
| VERT SPREAD:        | 9:     | -0.032 | -0.391 |
| GROUP SPREAD:       | 10:    | -0.249 | -0.344 |
| MIN RADIUS:         |        | 0.154  |        |
| MAX RADIUS:         |        | 0.943  |        |
| MEAN RADIUS:        |        | 0.487  |        |
| # IN 1 IN DIAMETER: |        | 6      |        |
| # IN 2 IN DIAMETER: |        | 10     |        |
| # in 3 IN DIAMETER: |        | 10     |        |

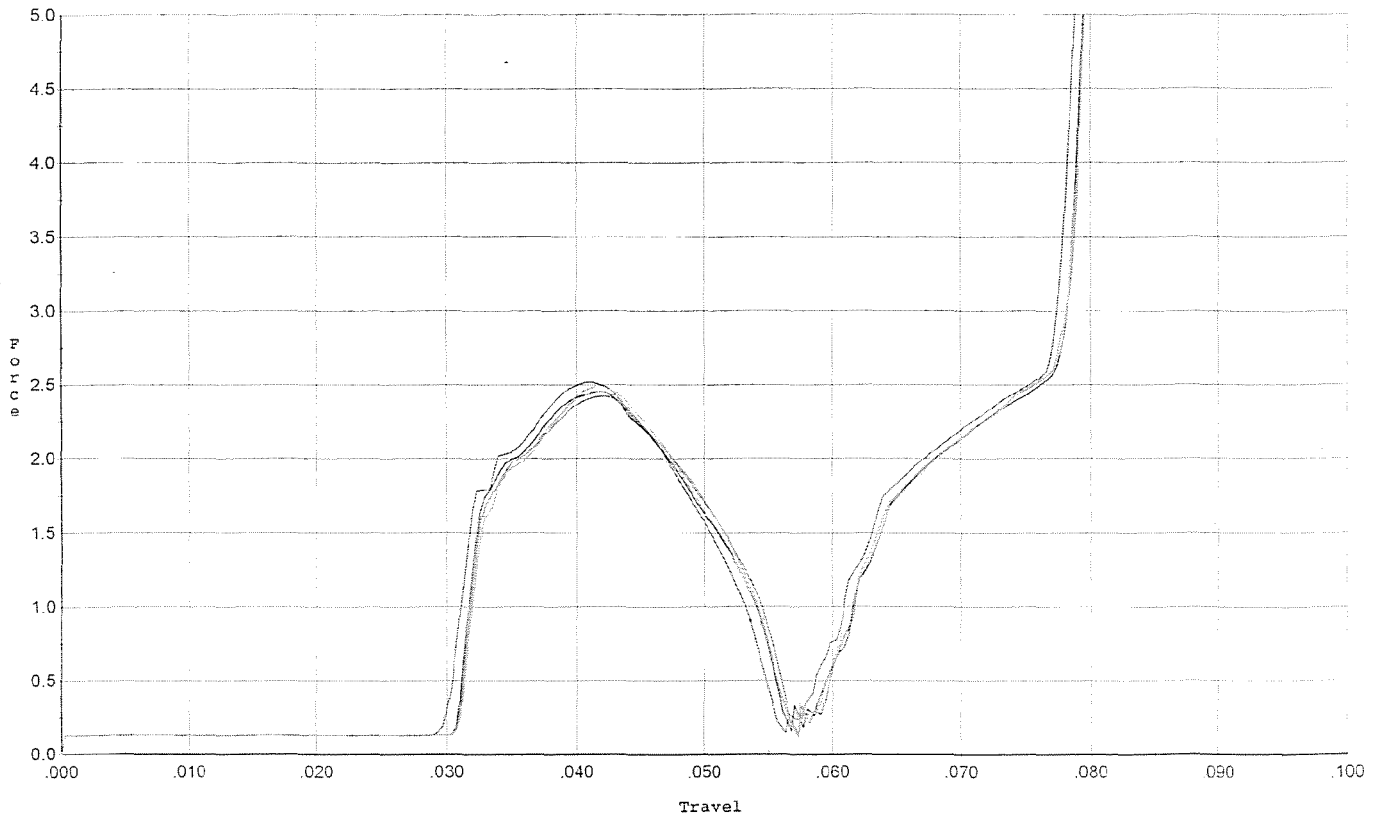


TARGET APPROX 1/2 SCALE

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 5/22/07

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



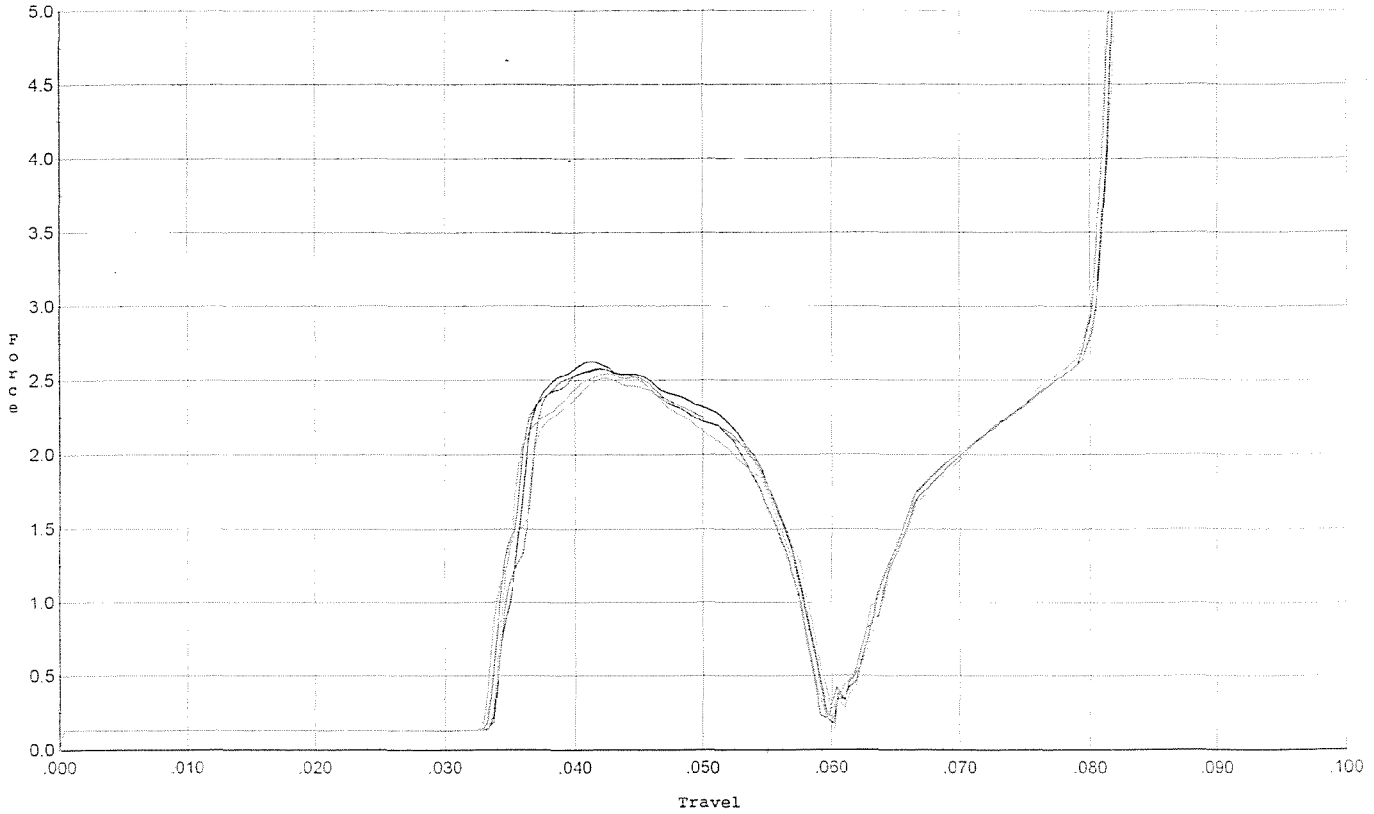
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.518      | 0.054             | 0.030           | 0.031      | 0.049             |           | Set Trigger |
| 2 | 2.451      | 0.055             | 0.031           | 0.032      | 0.049             |           | Set Trigger |
| 3 | 2.423      | 0.055             | 0.031           | 0.032      | 0.049             |           | Set Trigger |
| 4 | 2.450      | 0.055             | 0.031           | 0.032      | 0.048             |           | Set Trigger |
| 5 | 2.493      | 0.055             | 0.031           | 0.032      | 0.049             |           | Set Trigger |

Avg 2.46

# Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 5/22/07

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



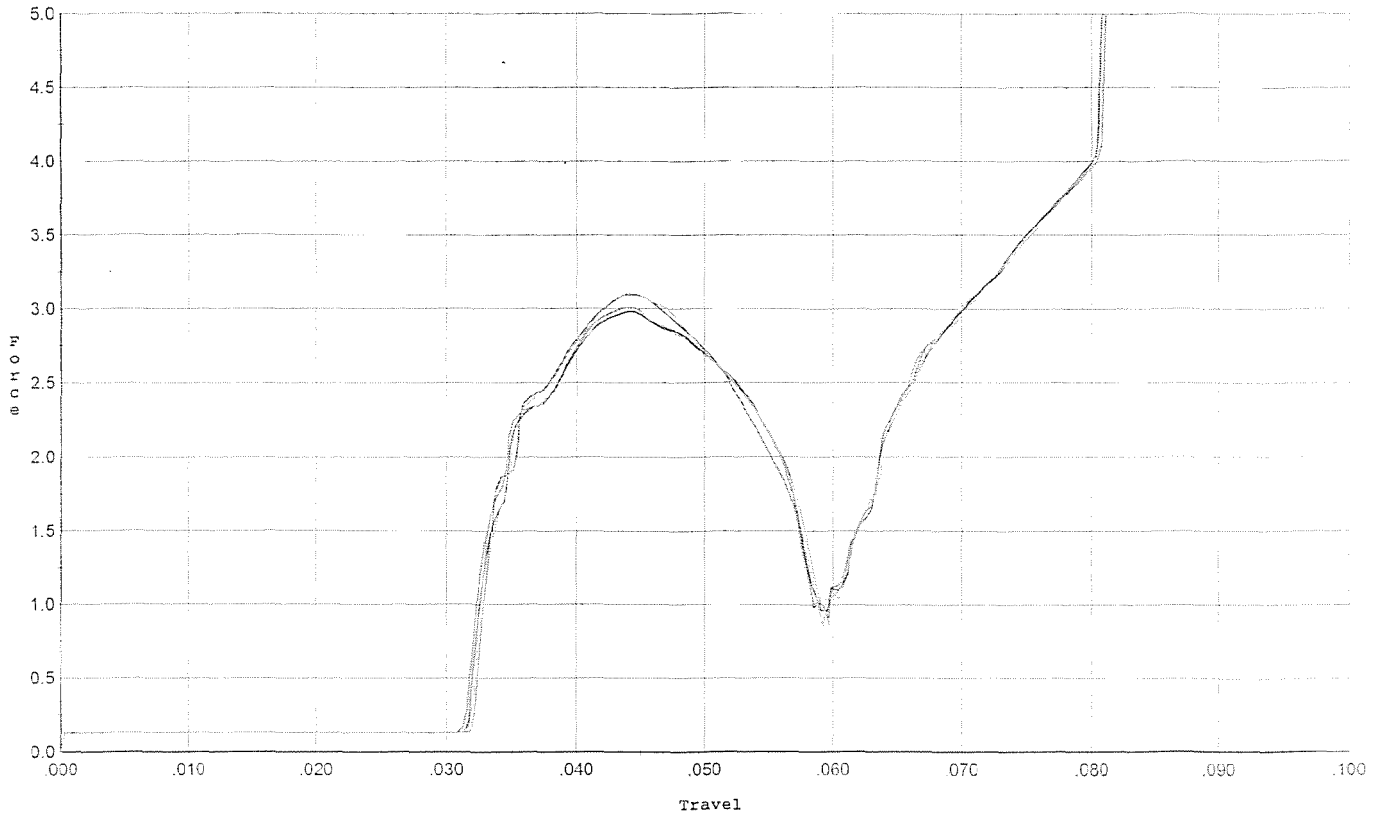
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.575      | 0.057             | 0.033           | 0.032      | 0.055             |           | Set Trigger |
| 2 | 2.628      | 0.058             | 0.034           | 0.032      | 0.056             |           | Set Trigger |
| 3 | 2.580      | 0.058             | 0.034           | 0.032      | 0.055             |           | Set Trigger |
| 4 | 2.515      | 0.058             | 0.034           | 0.032      | 0.053             |           | Set Trigger |
| 5 | 2.545      | 0.057             | 0.033           | 0.032      | 0.055             |           | Set Trigger |

Aug 2.56

# Trigger Profile [ lbs,inch ]

Profile: SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putsch 5/22/07

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



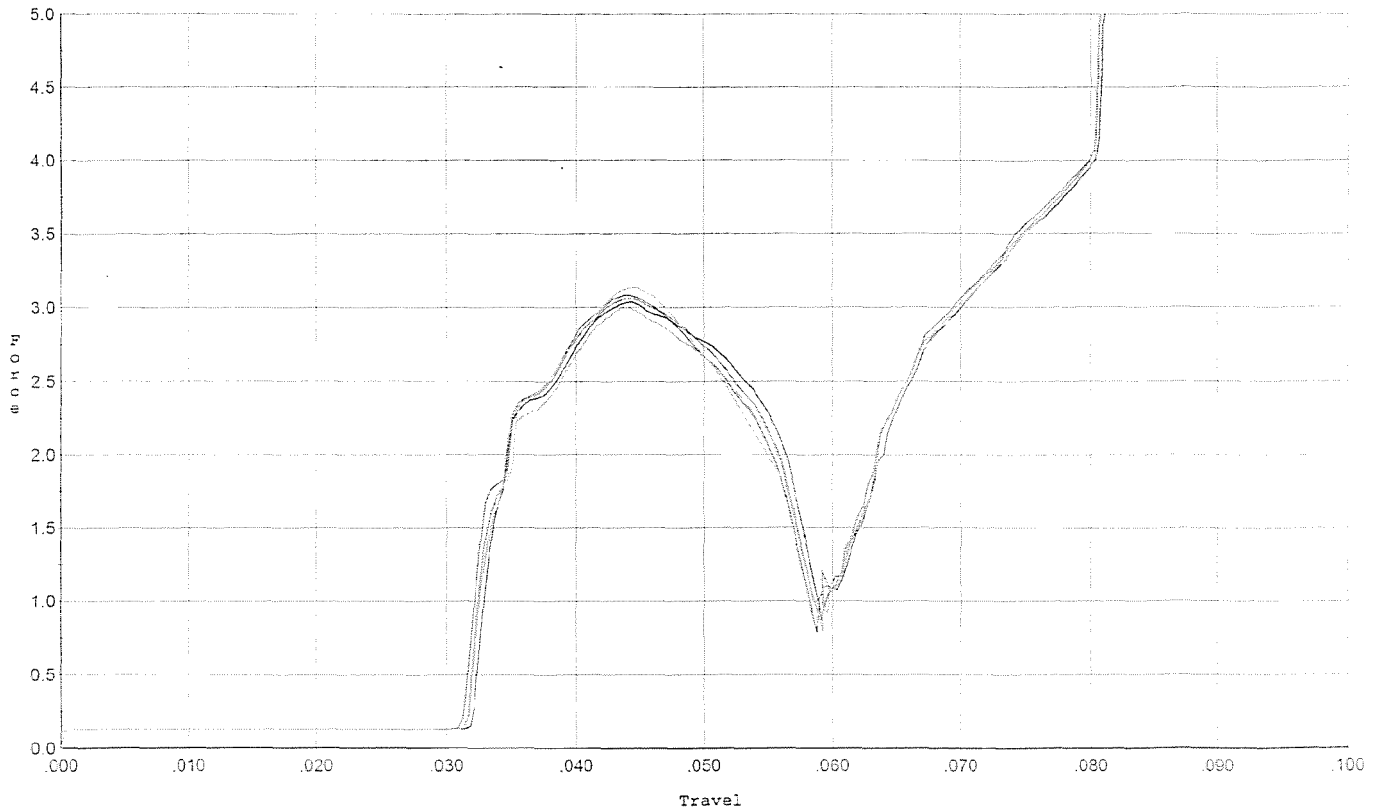
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.094      | 0.057             | 0.032           | 0.031      | 0.066             |           | Set Trigger |
| 2 | 2.982      | 0.057             | 0.032           | 0.031      | 0.065             |           | Set Trigger |
| 3 | 3.012      | 0.057             | 0.032           | 0.031      | 0.066             |           | Set Trigger |
| 4 | 2.992      | 0.058             | 0.032           | 0.031      | 0.066             |           | Set Trigger |
| 5 | 3.109      | 0.058             | 0.032           | 0.031      | 0.067             |           | Set Trigger |

Aug 3.03

# Trigger Profile [ lbs,inch ]

Profile: SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putsch 5/22/07

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



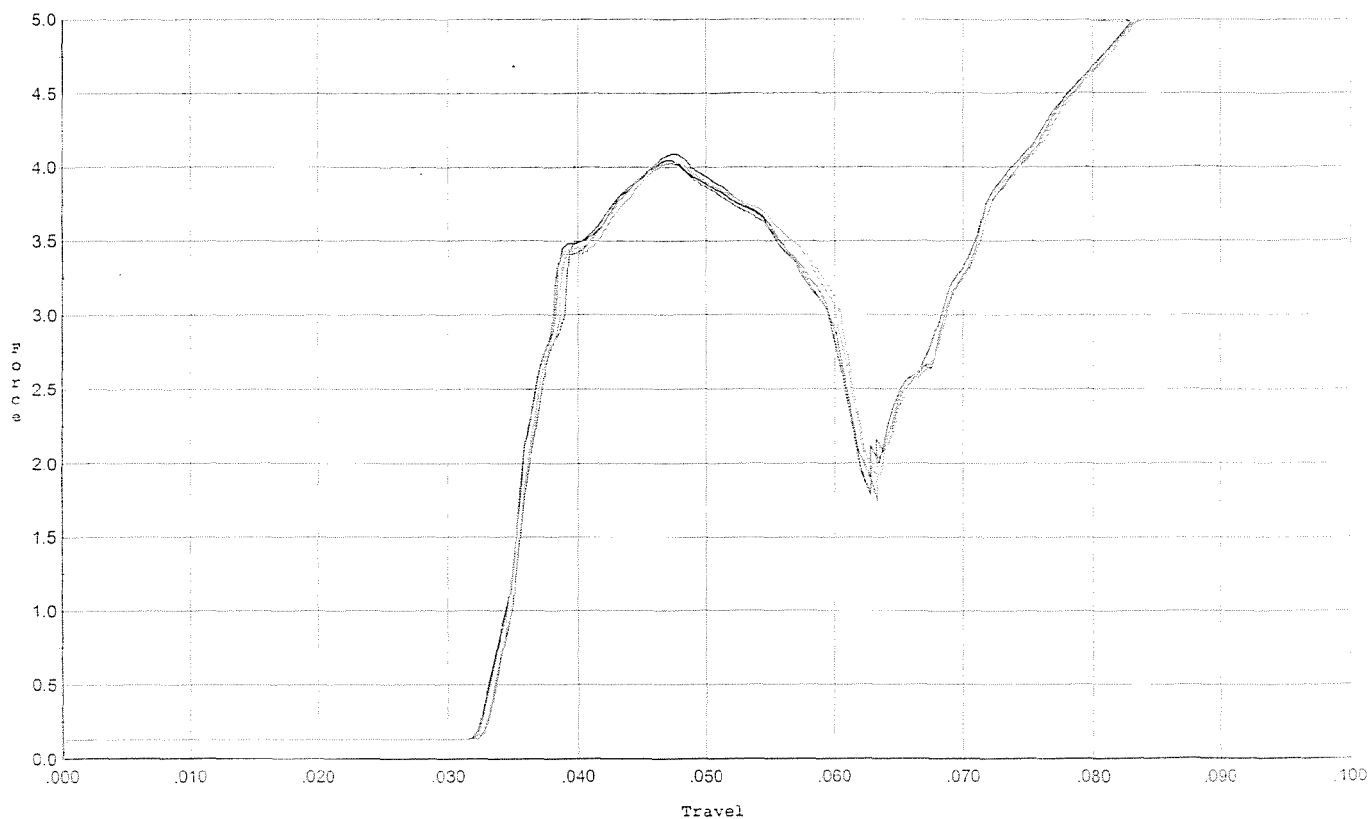
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.082      | 0.056             | 0.031           | 0.031      | 0.066             |           | Set Trigger |
| 2 | 3.037      | 0.058             | 0.032           | 0.031      | 0.067             |           | Set Trigger |
| 3 | 3.061      | 0.056             | 0.032           | 0.031      | 0.065             |           | Set Trigger |
| 4 | 3.135      | 0.057             | 0.032           | 0.031      | 0.065             |           | Set Trigger |
| 5 | 2.999      | 0.057             | 0.032           | 0.031      | 0.065             |           | Set Trigger |

AUG 3.06

# Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Patch 5/22/07

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



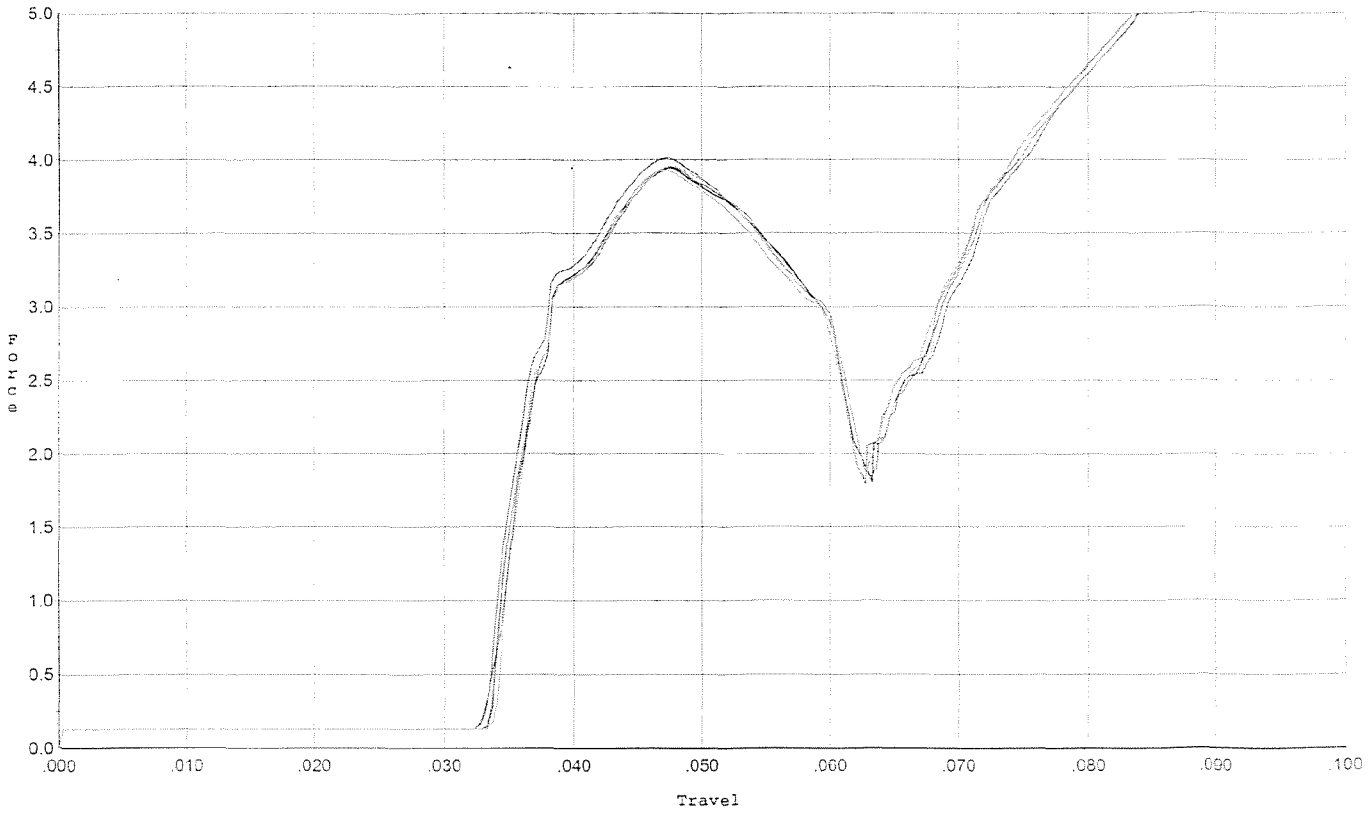
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.091      | 0.060             | 0.033           | 0.029      | 0.093             |           | Set Trigger |
| 2 | 4.046      | 0.061             | 0.033           | 0.029      | 0.094             |           | Set Trigger |
| 3 | 4.024      | 0.060             | 0.033           | 0.029      | 0.094             |           | Set Trigger |
| 4 | 4.031      | 0.061             | 0.033           | 0.028      | 0.095             |           | Set Trigger |
| 5 | 4.031      | 0.060             | 0.033           | 0.028      | 0.095             |           | Set Trigger |

Aug 4.04

# Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 5/22/07

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



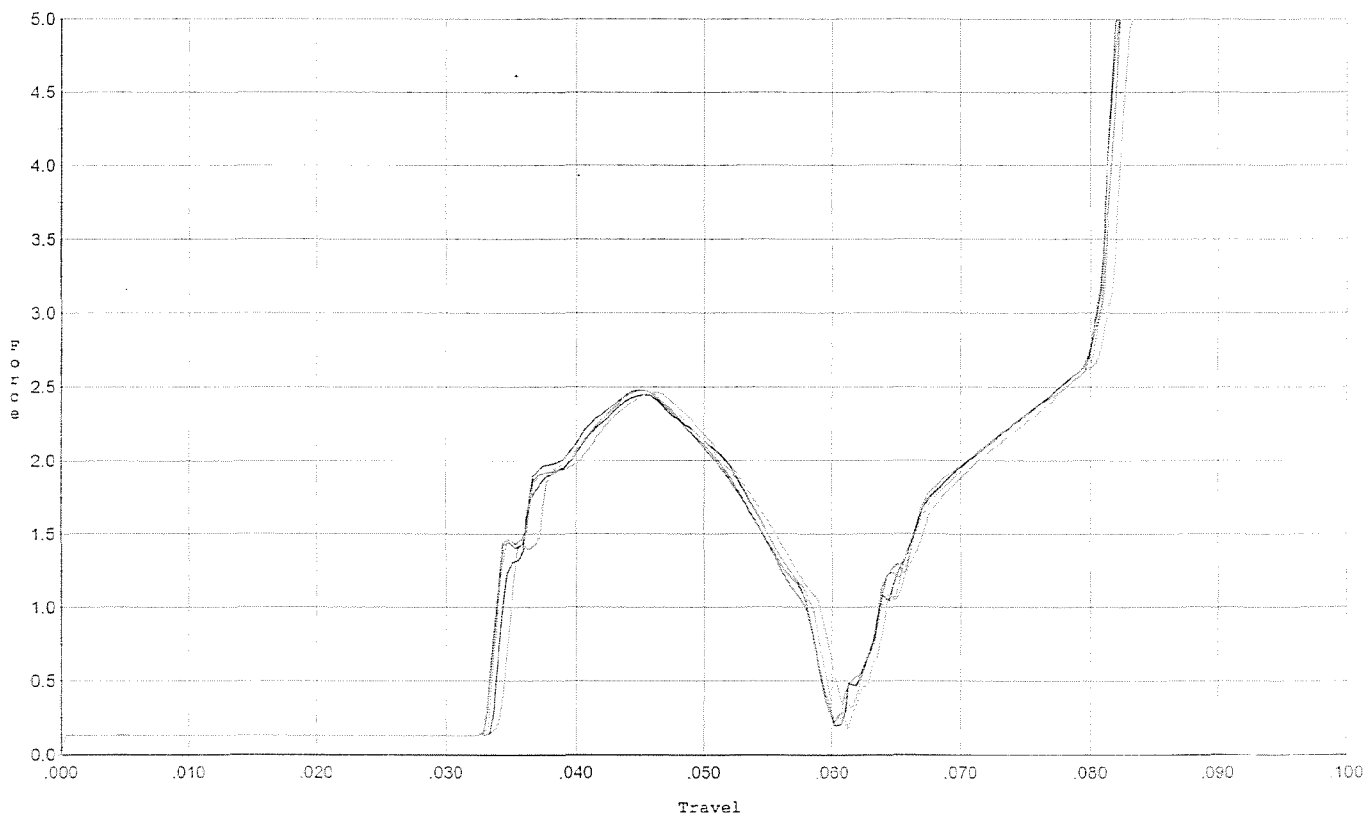
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.950      | 0.061             | 0.033           | 0.029      | 0.092             |           | Set Trigger |
| 2 | 3.946      | 0.060             | 0.034           | 0.029      | 0.090             |           | Set Trigger |
| 3 | 4.012      | 0.061             | 0.033           | 0.028      | 0.093             |           | Set Trigger |
| 4 | 3.958      | 0.061             | 0.034           | 0.028      | 0.092             |           | Set Trigger |
| 5 | 3.932      | 0.061             | 0.034           | 0.028      | 0.090             |           | Set Trigger |

AVG 3.96

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putsch 5/22/07

Model: M/24  
Serial No: Form #F005  
Trigger: reset to 2.5 lbs. +/- .5 lbs. for final test



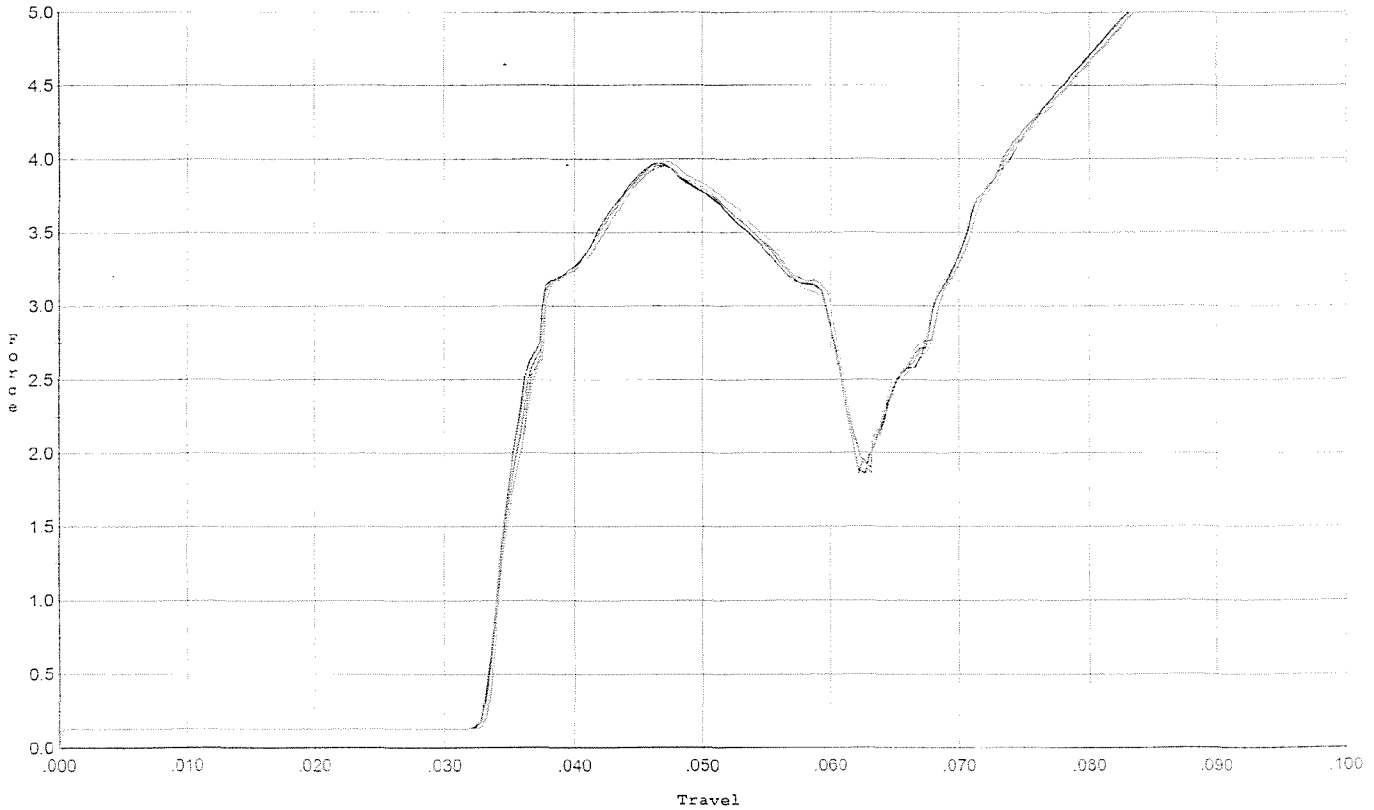
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.480      | 0.058             | 0.033           | 0.032      | 0.051             |           | Set Trigger |
| 2 | 2.445      | 0.058             | 0.034           | 0.032      | 0.050             |           | Set Trigger |
| 3 | 2.475      | 0.058             | 0.033           | 0.032      | 0.051             |           | Set Trigger |
| 4 | 2.469      | 0.059             | 0.033           | 0.032      | 0.052             |           | Set Trigger |
| 5 | 2.462      | 0.059             | 0.034           | 0.032      | 0.051             |           | Set Trigger |

Aug 2.46

# Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 5/22/07

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



| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.958      | 0.061             | 0.033           | 0.028      | 0.093             |           | Set Trigger |
| 2 | 3.972      | 0.060             | 0.033           | 0.028      | 0.093             |           | Set Trigger |
| 3 | 3.953      | 0.060             | 0.033           | 0.028      | 0.091             |           | Set Trigger |
| 4 | 3.984      | 0.060             | 0.033           | 0.028      | 0.092             |           | Set Trigger |
| 5 | 3.947      | 0.060             | 0.033           | 0.028      | 0.092             |           | Set Trigger |

Aug 3.96