

G6616344

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



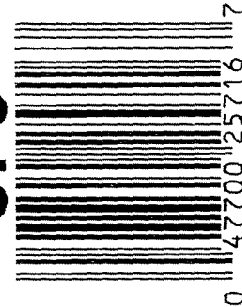
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6616344

UPC



**ORDER 25716**

M/24 7.62 NATO S.W.S. (COMPLETE SYS1

**UPC**



**ORDER 25716**

M/24 7.62 NATO S.W.S. (COMPLETE SYS1

**UPC**



SERIAL NO.



**M2400137171**

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON**

M-24  
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6616344

| OP #         | OPERATION NAME                                                                                                                         | READINGS                | DATE     | INITIAL     |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------|-------------|
| 410          | SERIALIZE BOLT HANDLE                                                                                                                  |                         | 10-23-06 | RTZ         |
| 420          | ASSEMBLE ACTION                                                                                                                        |                         | 10-23-06 | RTZ         |
| 430          | ASSEMBLE TO STOCK                                                                                                                      |                         | 11-21-06 | SD          |
| 440          | PROOF                                                                                                                                  |                         | 11-21-06 | L.P.D.      |
| 460          | CHECK HEADSPACE                                                                                                                        | MAGNA-FLUX<br>INSPECTED | 11-21-06 | SD          |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    | NOV 29 2006             | 11-27-06 | BLC-        |
| 480          | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR <i>unil</i>    | 11/29/06 | <i>unil</i> |
| 490          | MAGNAFLUX BOLT                                                                                                                         |                         |          |             |
| 500          | ROLLMARK CALIBER                                                                                                                       |                         | 11-29-06 | CW          |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                         | 11-28-06 | SD          |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                         | 11/29/06 | (JG)        |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                         |          |             |
|              | (BOLT)                                                                                                                                 |                         | 12/1/06  | <i>RTZ</i>  |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                         |          |             |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                         | 12-12-06 | RTZ         |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                         | 12-12-06 | RTZ         |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                         | 12-12-06 | RTZ         |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                         | 12-12-06 | 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

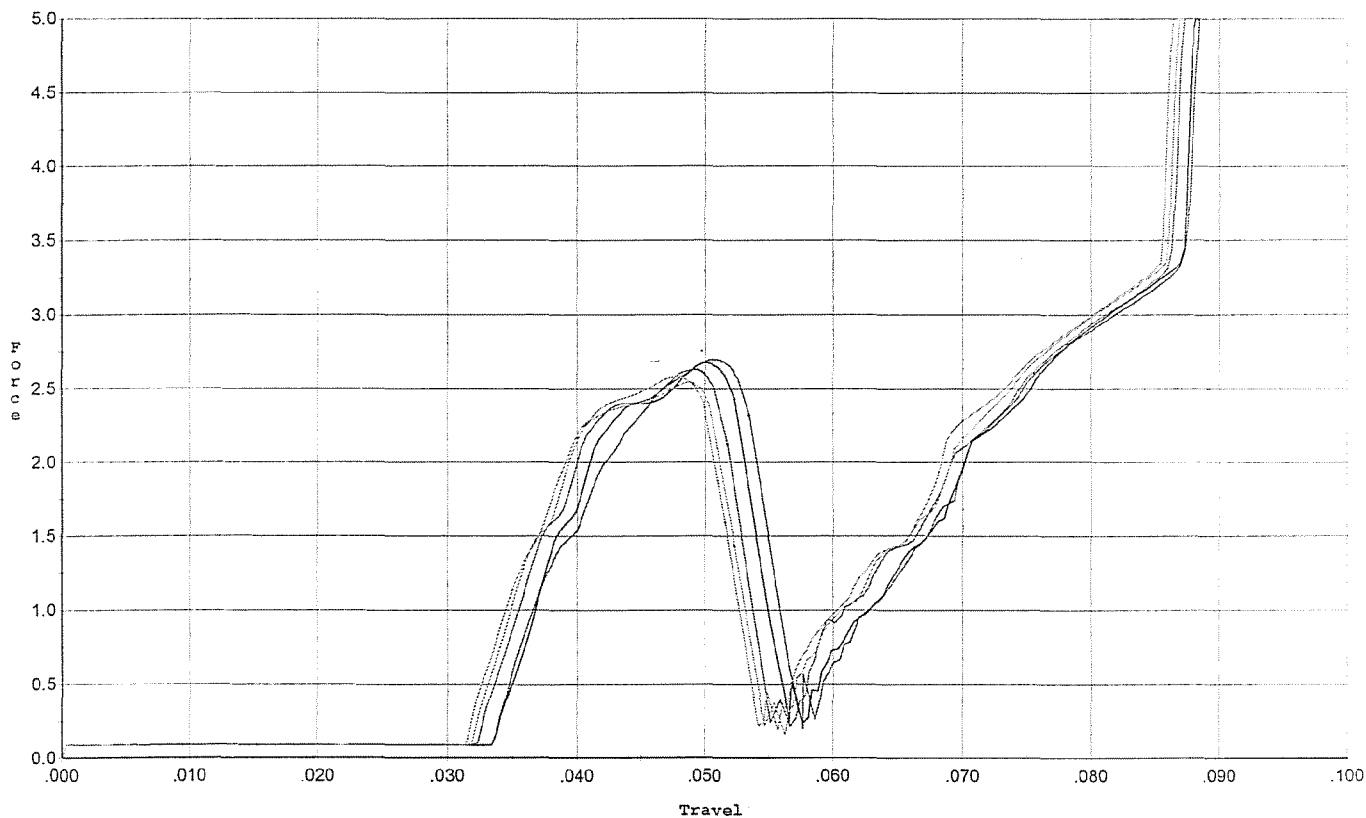
| OP #         | OPERATION NAME                                                           | READINGS                                                    | DATE     | INITIAL |
|--------------|--------------------------------------------------------------------------|-------------------------------------------------------------|----------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>40</u> <u>40</u> <u>40</u>                               | 12-14-06 | SD      |
| CONT.        |                                                                          |                                                             |          |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>50</u> <u>60</u> <u>60</u>                               | 12-14-06 | SD      |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             |          |         |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.026</u> <u>.025</u> <u>.025</u>                         | 12-14-06 | SD      |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 12-12-06 | RT      |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 12-16-06 | S.P.D.  |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 12-16-06 | S.P.D.  |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 12-16-06 | S.P.D.  |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 12-16-06 | S.P.D.  |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 12/12/06 | non     |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 12/12/06 | M.G.D.  |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 12-16-06 | S.P.D.  |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.76</u> <u>2.53</u> <u>2.58</u> <u>2.67</u> <u>2.71</u> | 12-14-06 | BLG     |
|              | C) FUNCTION                                                              |                                                             | 12-16-06 | S.P.D.  |
| 690          | PACK                                                                     |                                                             | 2/7/07   | RA      |

F004 REV 5/2006

# Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putsch 12/11/06

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



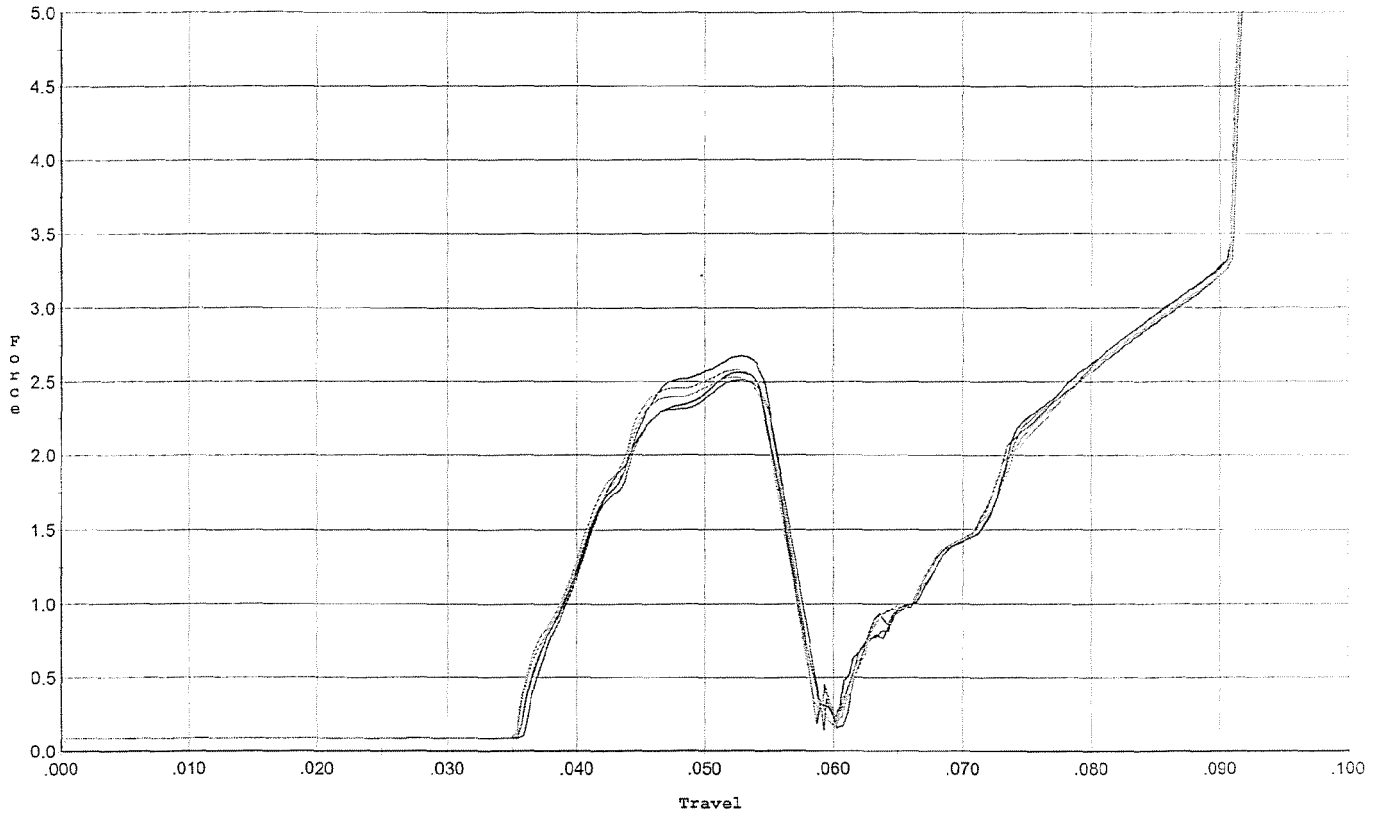
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.699      | 0.053             | 0.034           | 0.039      | 0.043             |           | Set Trigger |
| 2 | 2.677      | 0.052             | 0.034           | 0.040      | 0.041             |           | Set Trigger |
| 3 | 2.627      | 0.052             | 0.033           | 0.039      | 0.041             |           | Set Trigger |
| 4 | 2.544      | 0.052             | 0.032           | 0.039      | 0.041             |           | Set Trigger |
| 5 | 2.580      | 0.052             | 0.032           | 0.039      | 0.041             |           | Set Trigger |

AUG 2.62

# Trigger Profile [ lbs,inch ]

Profile: SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putsch 12/11/06

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



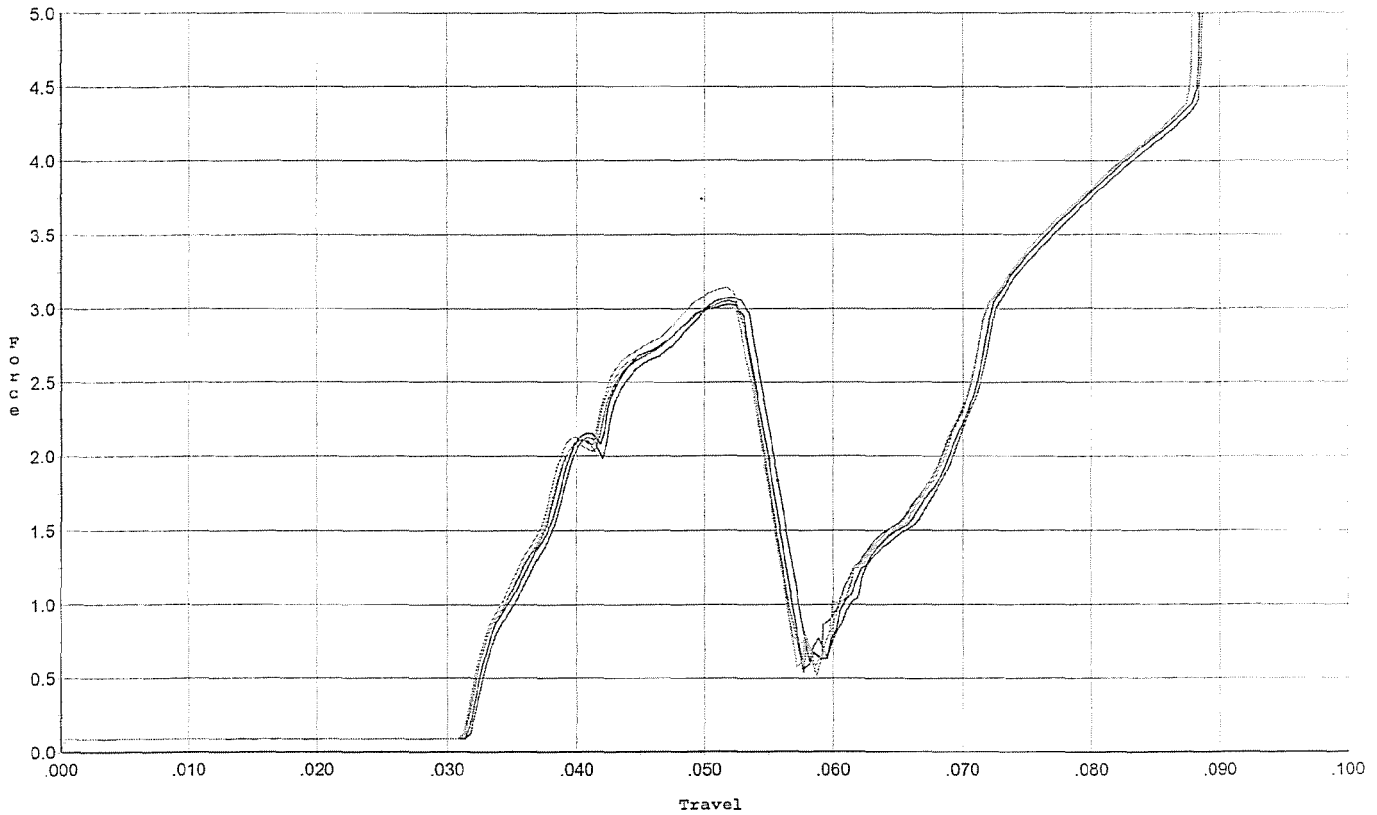
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.674      | 0.055             | 0.036           | 0.041      | 0.042             |           | Set Trigger |
| 2 | 2.562      | 0.056             | 0.036           | 0.041      | 0.041             |           | Set Trigger |
| 3 | 2.511      | 0.055             | 0.036           | 0.041      | 0.041             |           | Set Trigger |
| 4 | 2.528      | 0.056             | 0.036           | 0.041      | 0.042             |           | Set Trigger |
| 5 | 2.579      | 0.055             | 0.036           | 0.041      | 0.043             |           | Set Trigger |

Aug 2.57

# Trigger Profile [ lbs,inch ]

Profile: SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putsch 12/11/06

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



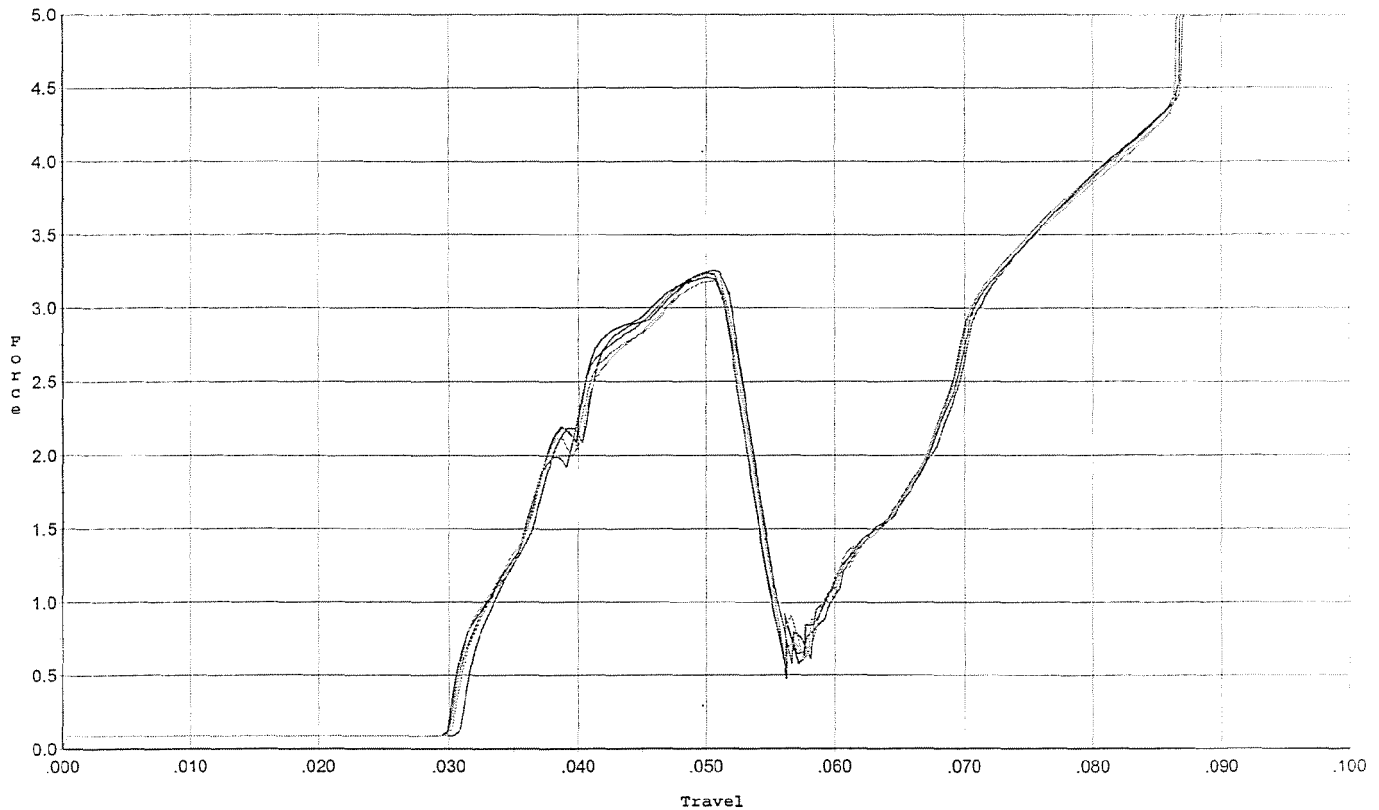
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.073      | 0.056             | 0.032           | 0.038      | 0.054             |           | Set Trigger |
| 2 | 3.028      | 0.055             | 0.032           | 0.038      | 0.053             |           | Set Trigger |
| 3 | 3.053      | 0.053             | 0.032           | 0.038      | 0.051             |           | Set Trigger |
| 4 | 3.042      | 0.054             | 0.032           | 0.038      | 0.052             |           | Set Trigger |
| 5 | 3.140      | 0.053             | 0.032           | 0.038      | 0.053             |           | Set Trigger |

Avg 3.06

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 12/11/06

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



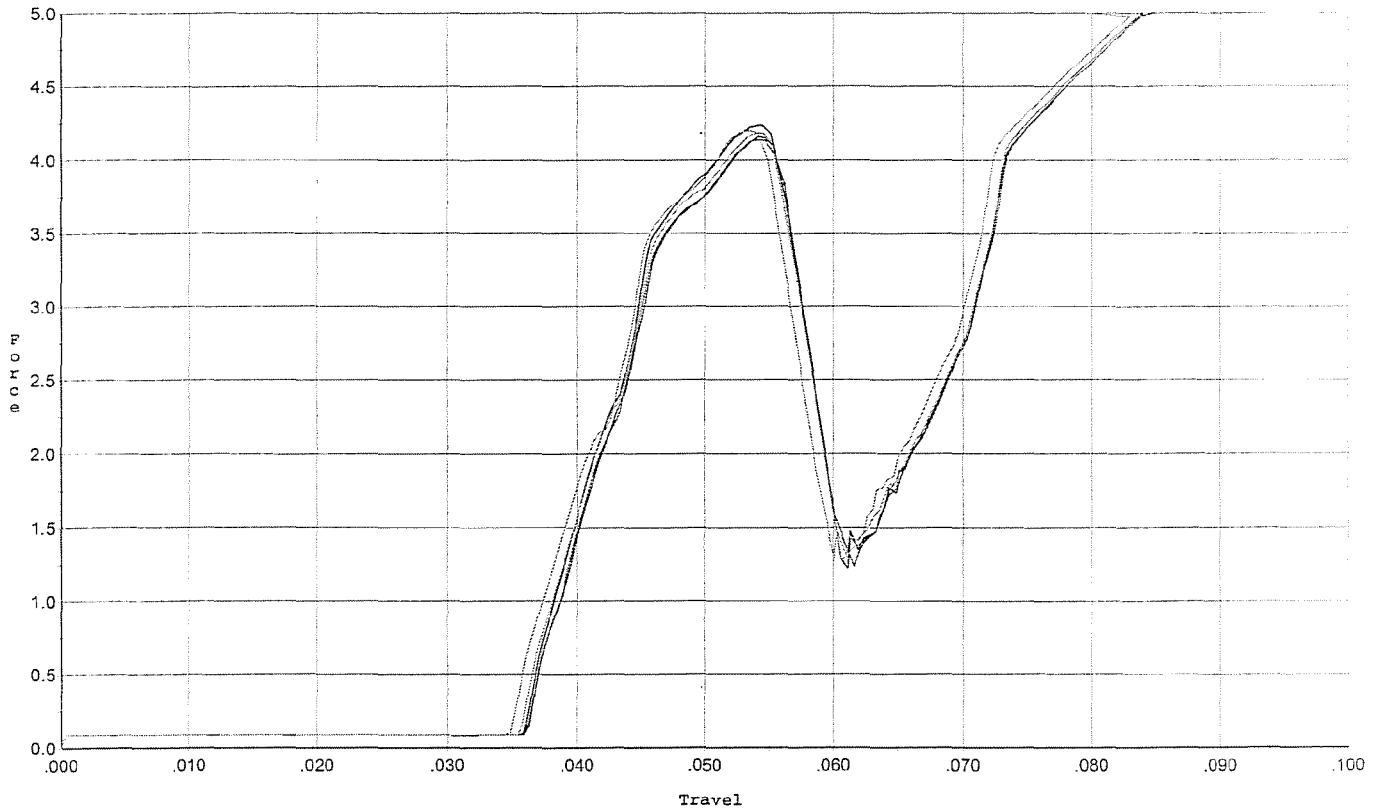
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.253      | 0.052             | 0.031           | 0.038      | 0.053             |           | Set Trigger |
| 2 | 3.207      | 0.051             | 0.030           | 0.037      | 0.053             |           | Set Trigger |
| 3 | 3.235      | 0.051             | 0.030           | 0.038      | 0.052             |           | Set Trigger |
| 4 | 3.180      | 0.053             | 0.030           | 0.037      | 0.054             |           | Set Trigger |
| 5 | 3.224      | 0.052             | 0.030           | 0.037      | 0.054             |           | Set Trigger |

AVG 3.22

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 12/11/06

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



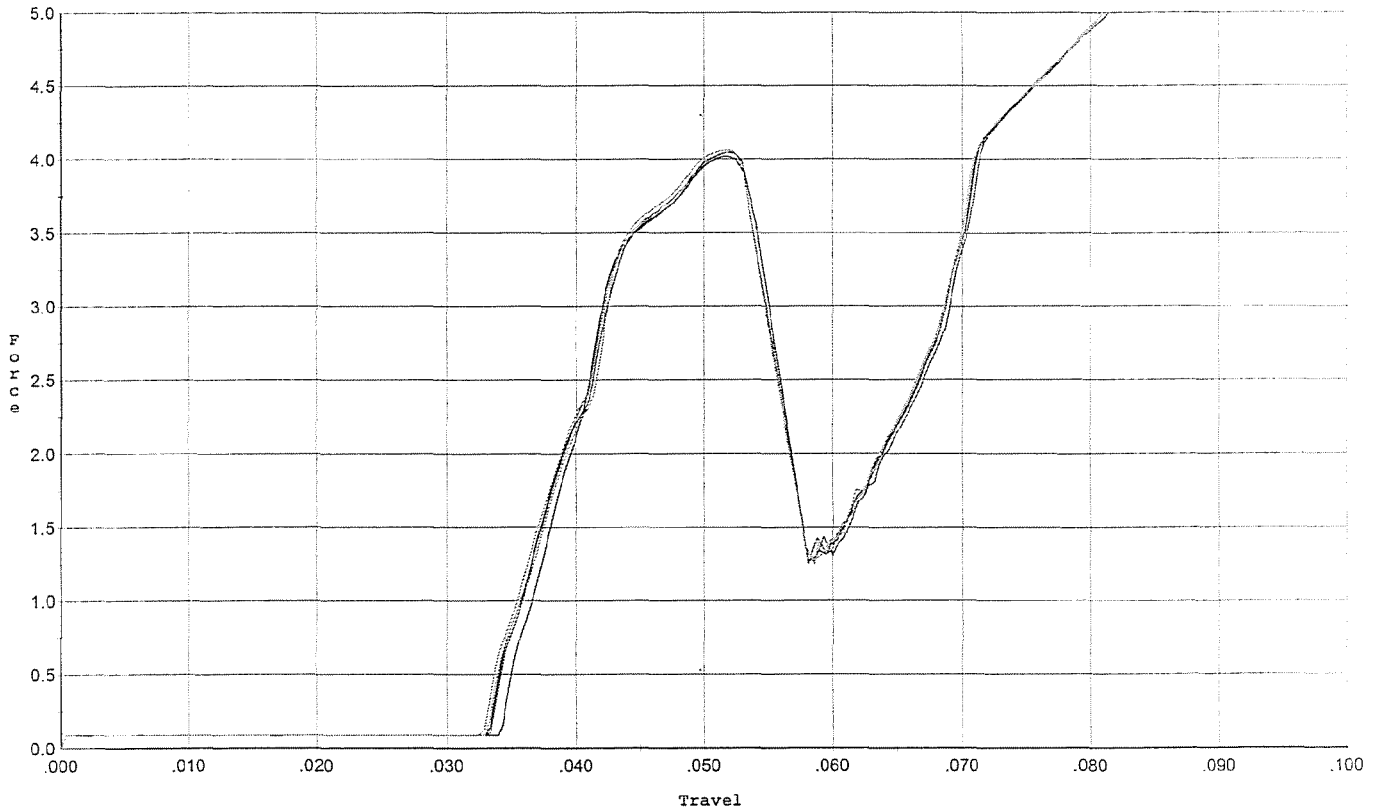
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.155      | 0.056             | 0.036           | 0.036      | 0.065             |           | Set Trigger |
| 2 | 4.232      | 0.056             | 0.036           | 0.036      | 0.067             |           | Set Trigger |
| 3 | 4.136      | 0.057             | 0.036           | 0.036      | 0.065             |           | Set Trigger |
| 4 | 4.183      | 0.057             | 0.036           | 0.036      | 0.067             |           | Set Trigger |
| 5 | 4.197      | 0.055             | 0.035           | 0.036      | 0.065             |           | Set Trigger |

Aug 4.18

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 12/11/06

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



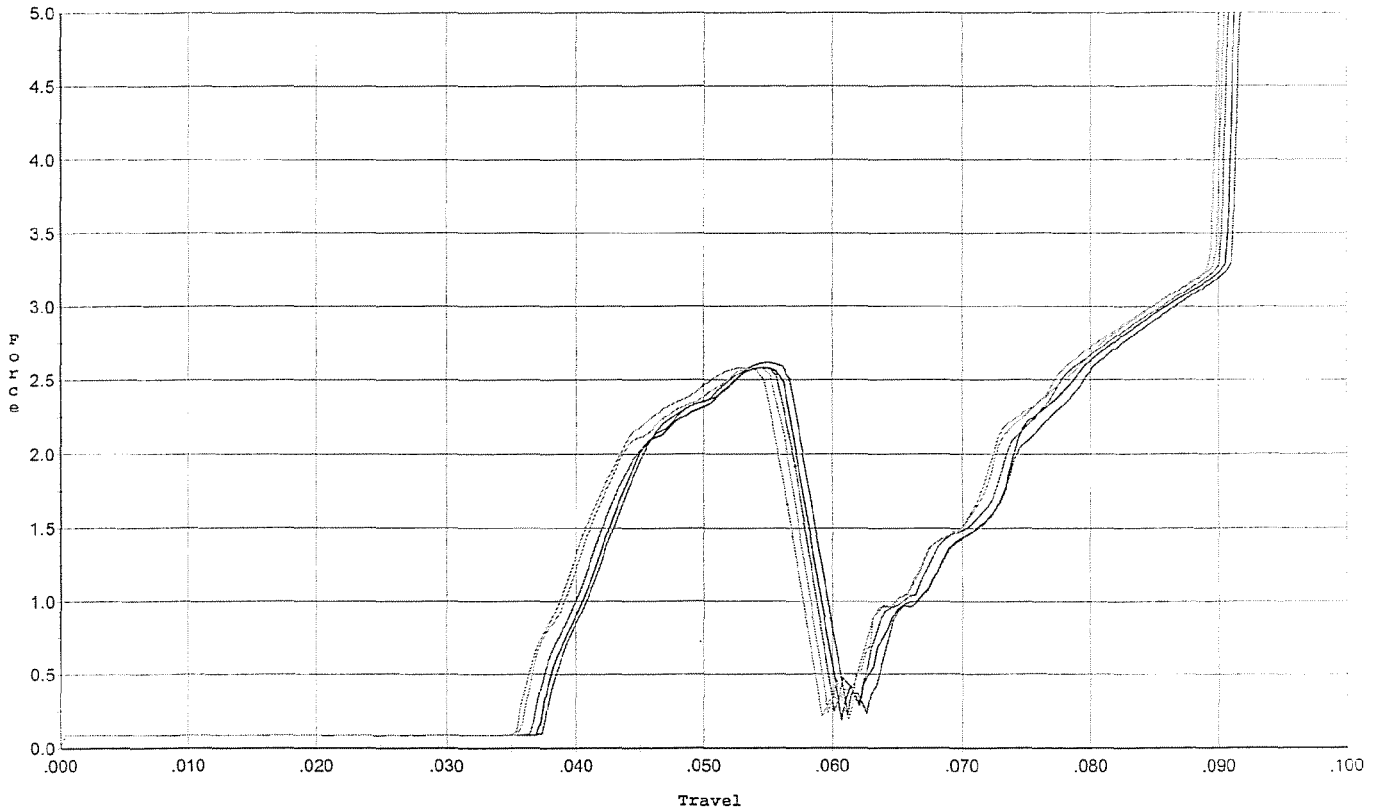
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.045      | 0.054             | 0.034           | 0.036      | 0.064             |           | Set Trigger |
| 2 | 4.016      | 0.055             | 0.034           | 0.035      | 0.067             |           | Set Trigger |
| 3 | 4.016      | 0.055             | 0.034           | 0.035      | 0.066             |           | Set Trigger |
| 4 | 4.049      | 0.053             | 0.033           | 0.035      | 0.064             |           | Set Trigger |
| 5 | 4.061      | 0.053             | 0.033           | 0.036      | 0.063             |           | Set Trigger |

Avg 4.03

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 12/11/06

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



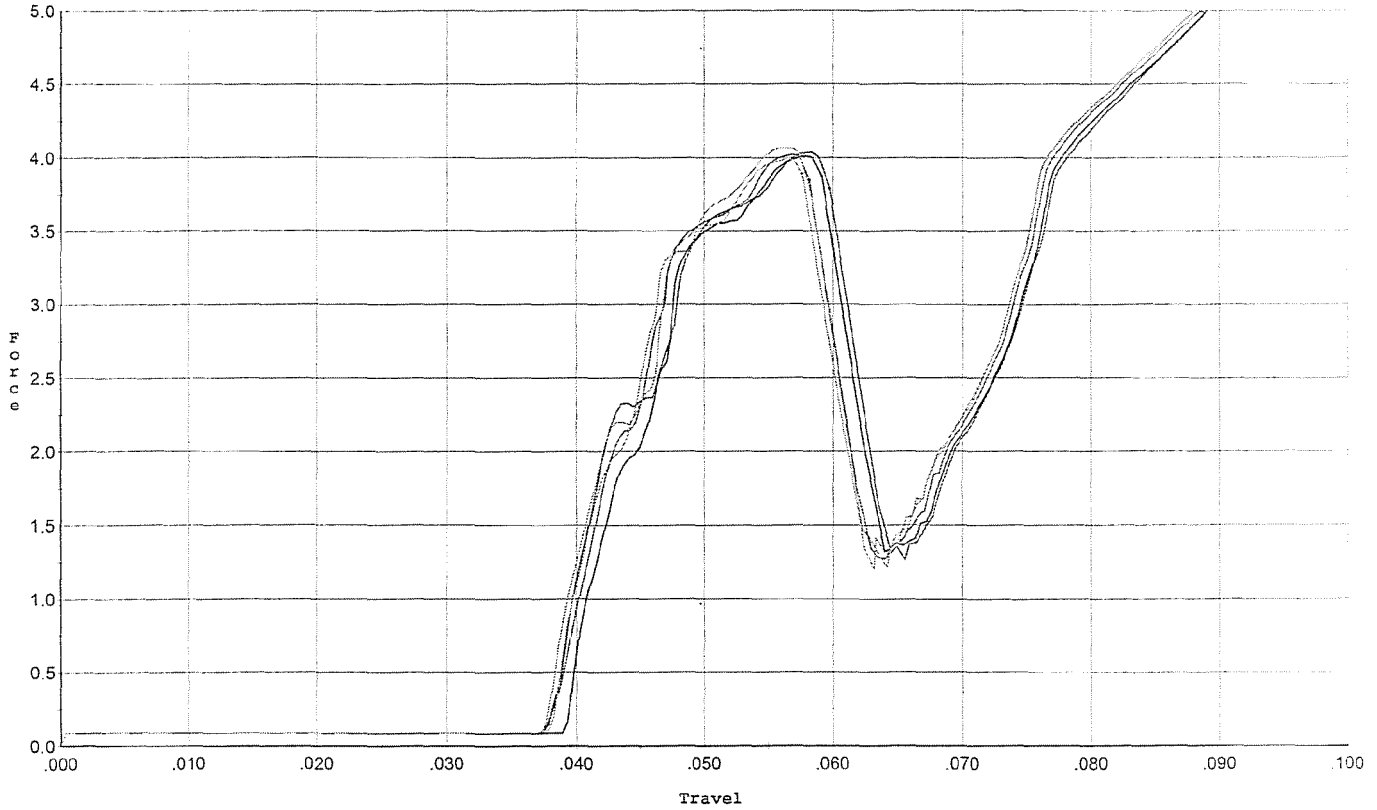
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.616      | 0.057             | 0.038           | 0.040      | 0.042             |           | Set Trigger |
| 2 | 2.583      | 0.058             | 0.037           | 0.039      | 0.043             |           | Set Trigger |
| 3 | 2.582      | 0.057             | 0.037           | 0.039      | 0.043             |           | Set Trigger |
| 4 | 2.583      | 0.056             | 0.036           | 0.039      | 0.044             |           | Set Trigger |
| 5 | 2.581      | 0.056             | 0.036           | 0.039      | 0.044             |           | Set Trigger |

Aug 2.58

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 12/11/06

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 | 4.037      | 0.060             | 0.038           | 0.037      | 0.071             |           | Set Trigger |
| 2 | 4.013      | 0.059             | 0.039           | 0.037      | 0.066             |           | Set Trigger |
| 3 | 4.021      | 0.058             | 0.038           | 0.038      | 0.066             |           | Set Trigger |
| 4 | 3.991      | 0.058             | 0.038           | 0.038      | 0.065             |           | Set Trigger |
| 5 | 4.065      | 0.058             | 0.038           | 0.037      | 0.068             |           | Set Trigger |

Avg 4.02

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6616344.\_\_\_0  
FILE DATE AND TIME: 12/13/2006 06:21

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.042 |
| The Average Y Centroid of the Five Target Set:              | -0.088 |
| The Average Point of Impact of the Five Target Set:         | 0.097  |
| The Average Mean Radius of the Five Target Set:             | 0.887  |
| The Distance from POA to Centroid Target #1:                | 0.037  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.190  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.168  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.071  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.263  |

SERIAL NUMBER: G6616344. \_\_0

TARGET NUMBER: 1

FILE DATE: 12/13/2006

FILE TIME: 06:21

X CENTROID: -0.004

Y CENTROID: 0.037

POA TO CENTROID: 0.037

HORZ SPREAD: 4.141

VERT SPREAD: 1.785

GROUP SPREAD: 4.218

MIN RADIUS: 0.410

MAX RADIUS: 2.190

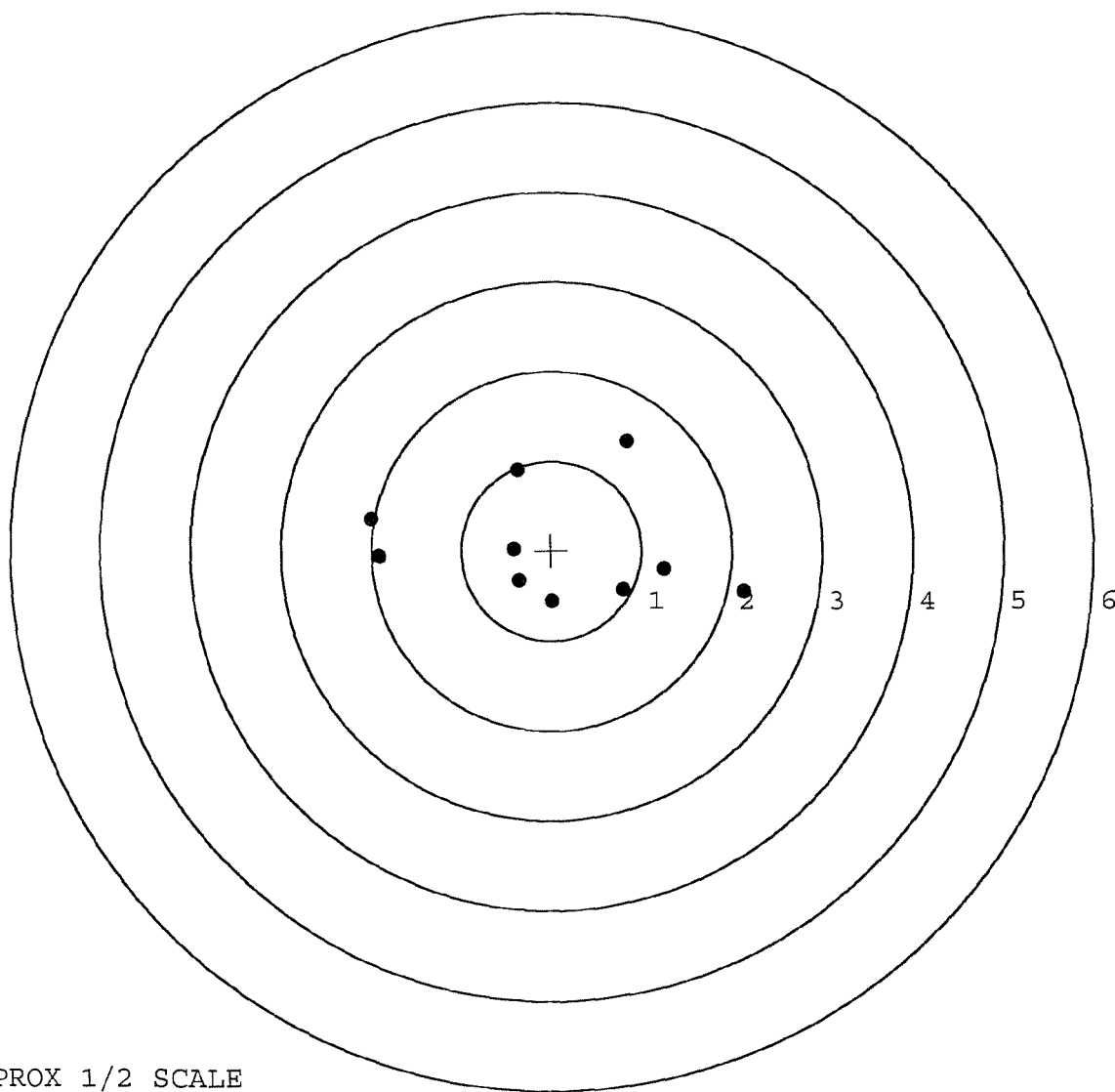
MEAN RADIUS: 1.227

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 5

# in 3 IN DIAMETER: 7

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 2.129  | -0.456 |
| 2:     | 1.249  | -0.209 |
| 3:     | 0.802  | -0.444 |
| 4:     | 0.839  | 1.214  |
| 5:     | -0.378 | 0.894  |
| 6:     | -2.012 | 0.345  |
| 7:     | -1.916 | -0.075 |
| 8:     | -0.414 | 0.012  |
| 9:     | -0.355 | -0.341 |
| 10:    | 0.013  | -0.571 |

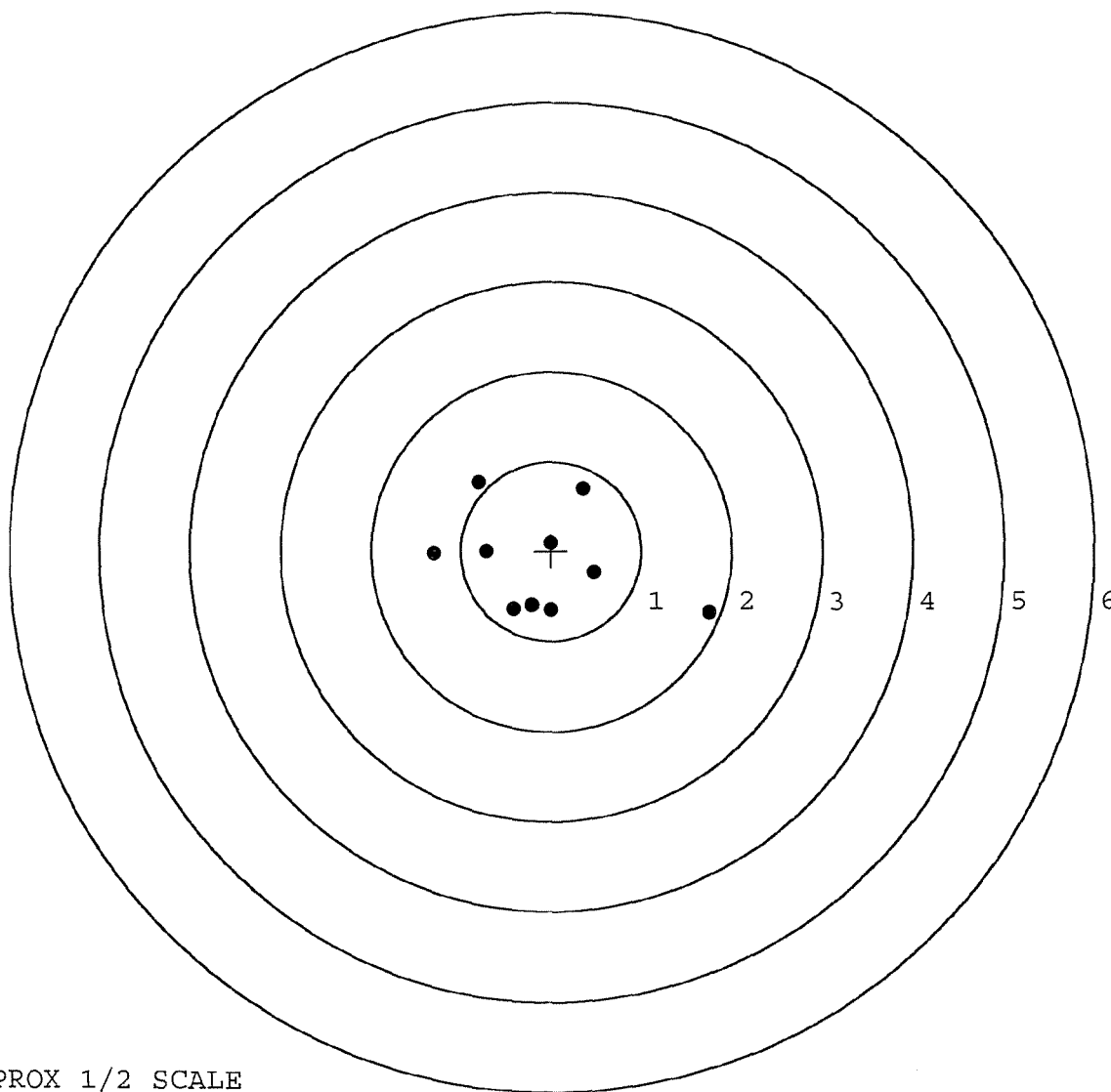


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616344. \_\_ 0  
TARGET NUMBER: 2  
FILE DATE: 12/13/2006  
FILE TIME: 06:21

X CENTROID: -0.089  
Y CENTROID: -0.134  
POA TO CENTROID: 0.160  
HORZ SPREAD: 3.052  
VERT SPREAD: 1.465  
GROUP SPREAD: 3.124  
MIN RADIUS: 0.237  
MAX RADIUS: 1.922  
MEAN RADIUS: 0.833  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.750  | -0.693 |
| 2:     | 0.352  | 0.695  |
| 3:     | 0.475  | -0.240 |
| 4:     | -0.005 | 0.088  |
| 5:     | -0.807 | 0.772  |
| 6:     | -0.719 | -0.008 |
| 7:     | -1.302 | -0.027 |
| 8:     | -0.415 | -0.653 |
| 9:     | 0.002  | -0.665 |
| 10:    | -0.217 | -0.607 |

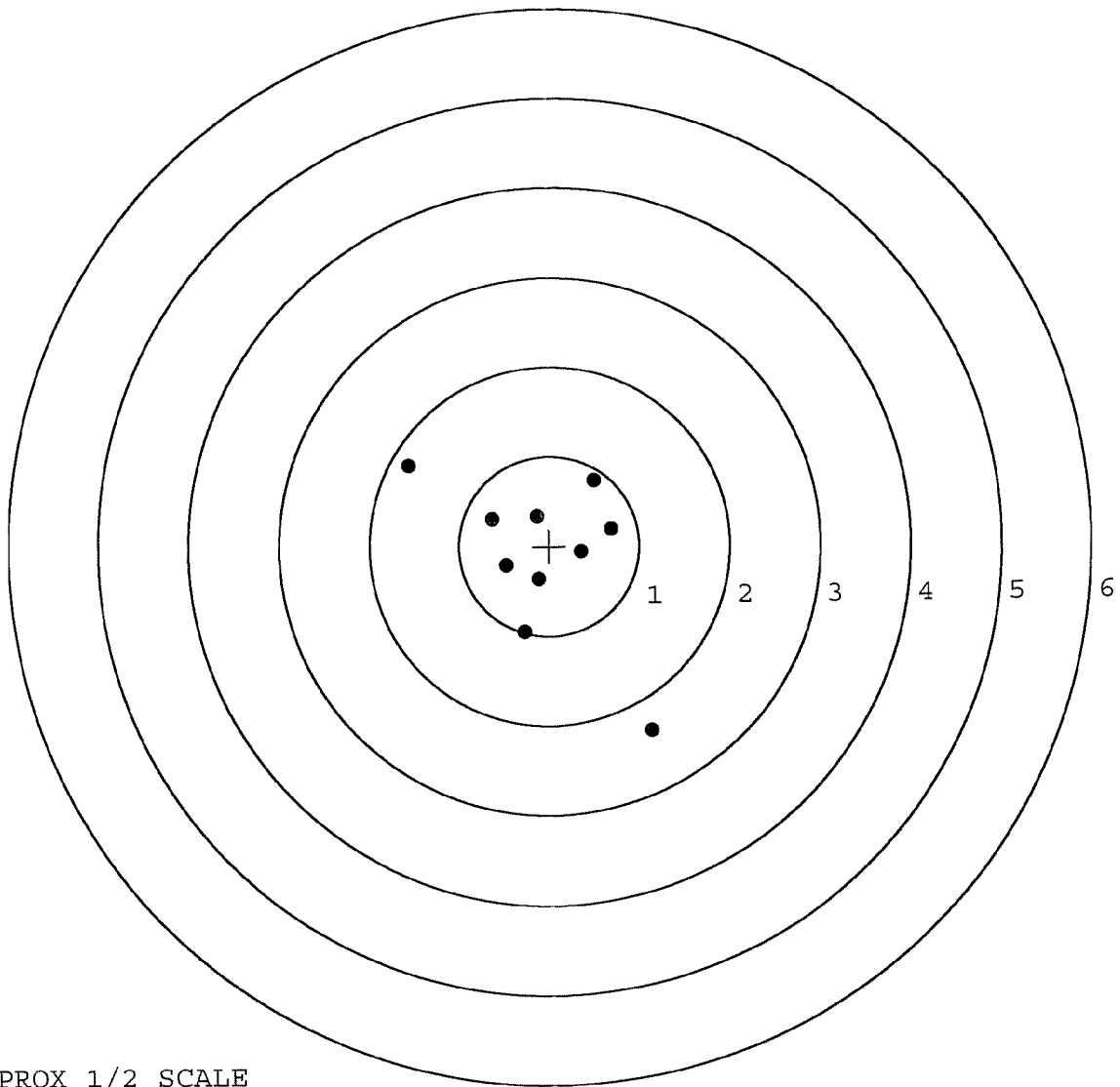


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616344. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 12/13/2006  
FILE TIME: 06:21

X CENTROID: -0.053  
Y CENTROID: -0.124  
POA TO CENTROID: 0.134  
HORZ SPREAD: 2.683  
VERT SPREAD: 2.980  
GROUP SPREAD: 4.010  
MIN RADIUS: 0.253  
MAX RADIUS: 2.276  
MEAN RADIUS: 0.906  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 8

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.126  | -2.071 |
| 2:     | -0.283 | -0.955 |
| 3:     | -0.476 | -0.220 |
| 4:     | -0.120 | -0.367 |
| 5:     | 0.360  | -0.070 |
| 6:     | 0.691  | 0.186  |
| 7:     | 0.501  | 0.722  |
| 8:     | -0.137 | 0.330  |
| 9:     | -0.633 | 0.300  |
| 10:    | -1.557 | 0.909  |

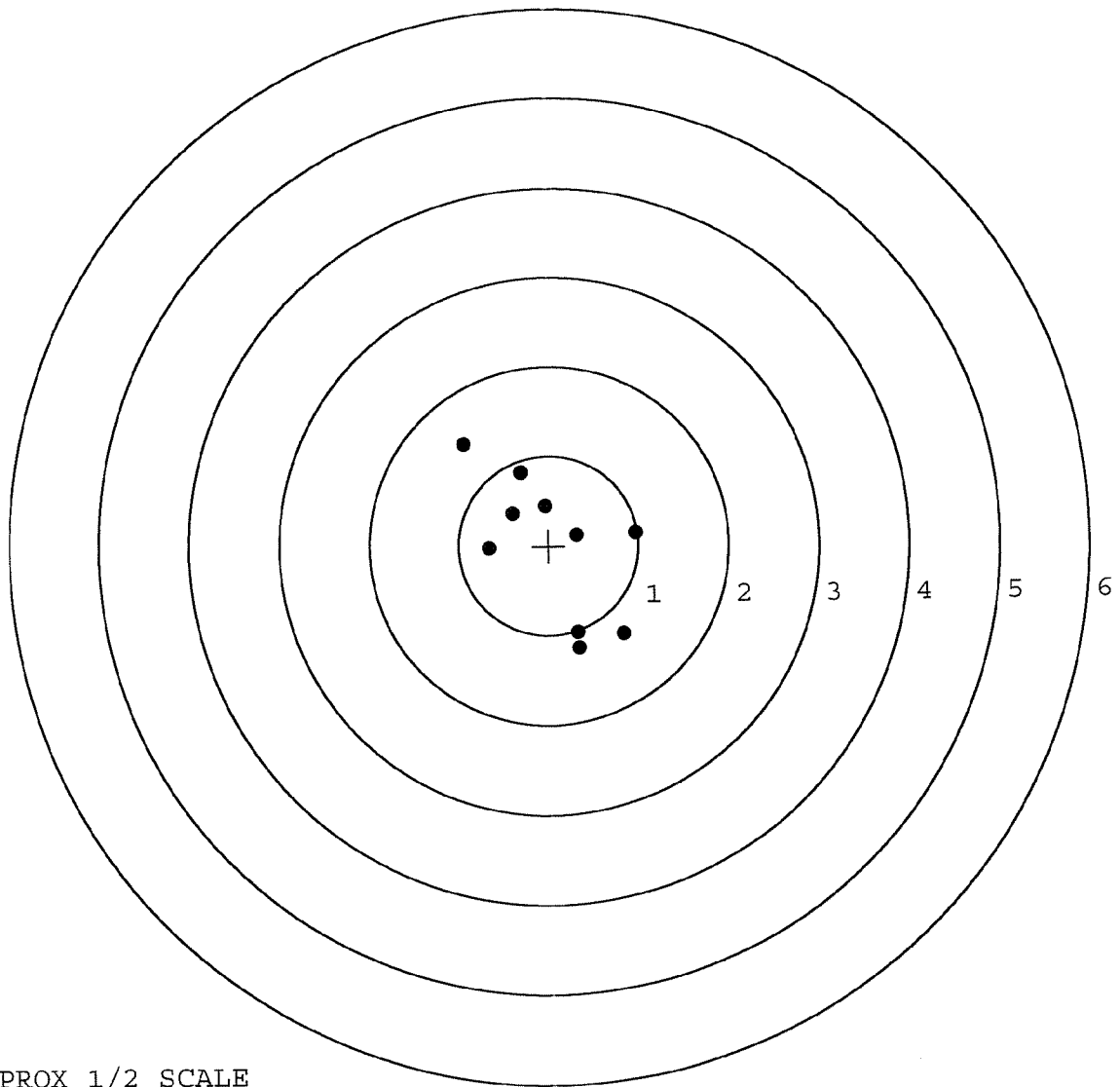


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616344. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 12/13/2006  
FILE TIME: 06:21

X CENTROID: 0.045  
Y CENTROID: -0.014  
POA TO CENTROID: 0.047  
HORZ SPREAD: 1.910  
VERT SPREAD: 2.285  
GROUP SPREAD: 2.772  
MIN RADIUS: 0.302  
MAX RADIUS: 1.514  
MEAN RADIUS: 0.884  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 6  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.829  | -0.998 |
| 2:     | 0.337  | -1.147 |
| 3:     | 0.973  | 0.135  |
| 4:     | 0.319  | 0.114  |
| 5:     | -0.034 | 0.445  |
| 6:     | -0.399 | 0.360  |
| 7:     | -0.302 | 0.816  |
| 8:     | -0.937 | 1.138  |
| 9:     | -0.661 | -0.031 |
| 10:    | 0.326  | -0.974 |

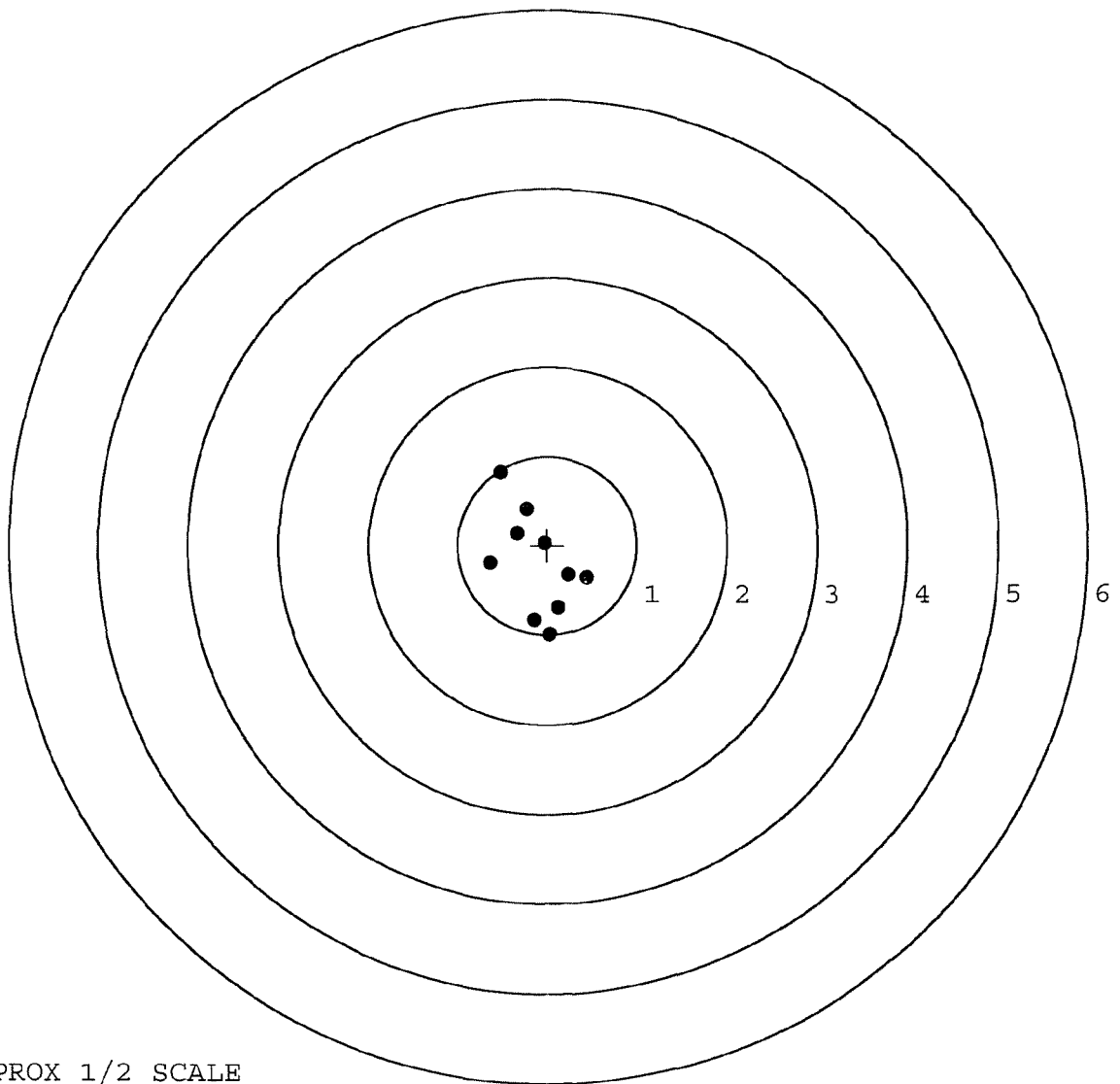


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616344. \_\_ 0  
TARGET NUMBER: 5  
FILE DATE: 12/13/2006  
FILE TIME: 06:21

X CENTROID: -0.108  
Y CENTROID: -0.205  
POA TO CENTROID: 0.231  
HORZ SPREAD: 1.079  
VERT SPREAD: 1.829  
GROUP SPREAD: 1.910  
MIN RADIUS: 0.243  
MAX RADIUS: 1.110  
MEAN RADIUS: 0.587  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.029  | -1.005 |
| 2:     | -0.149 | -0.840 |
| 3:     | 0.124  | -0.705 |
| 4:     | 0.238  | -0.338 |
| 5:     | 0.442  | -0.366 |
| 6:     | -0.637 | -0.196 |
| 7:     | -0.027 | 0.024  |
| 8:     | -0.523 | 0.824  |
| 9:     | -0.238 | 0.413  |
| 10:    | -0.335 | 0.140  |



TARGET APPROX 1/2 SCALE