

C6225243

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5715

\* Includes 1 in chamber.

*Remington*



**M-24**

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6225243*

| OPERATION   |                      | DATE           | INT        |
|-------------|----------------------|----------------|------------|
| #           | NAME                 |                |            |
| 575-<br>580 | ASSEMBLY             | <i>2/1</i>     | <i>FB</i>  |
| 600         | PROOF                | <i>2/3/88</i>  | <i>RU</i>  |
| 615         | MAGNAFLUX<br>BARREL  | <i>2/18/88</i> | <i>P/C</i> |
|             | MAGNAFLUX<br>BOLT    | <i>2/25/88</i> | <i>P/C</i> |
| 620         | COATING              | <i>2/21/88</i> | <i>DA</i>  |
| 625-<br>630 | FINAL<br>ASSEMBLY    |                |            |
| 635         | TEST                 |                |            |
| 640         | TARGET               |                |            |
|             | FIRING PIN<br>INDENT |                |            |
| 660         | PACK                 |                |            |

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225243

| OP.#         | OP. NAME                                                       | READINGS | DATE   | INITIAL |
|--------------|----------------------------------------------------------------|----------|--------|---------|
| 575 &<br>580 | Assemble Action<br>and stock                                   |          |        |         |
| 600          | Proof                                                          |          |        |         |
| 607          | Check Headspace                                                |          |        |         |
| 610          | Dis-assemble gun                                               |          |        |         |
| 612          | Magnaflux Barrel<br>Action                                     |          |        |         |
|              | Magnaflux Bolt                                                 |          |        |         |
| 615          | Rollmark Caliber                                               |          |        |         |
| 617          | Drill & Tap Sight Holes                                        |          |        |         |
| 618          | Polish Barrel                                                  |          |        |         |
| 620          | Apply Coatings<br>(Barrel Action)                              |          |        |         |
|              | Apply Coatings (Bolt)                                          |          |        |         |
| 623          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 9/9/88 | RW      |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 9/9/88 | RW      |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 9/9/88 | RW      |

OVER

| OP.#         |                                                             | READINGS        | DATE      | INITIAL |
|--------------|-------------------------------------------------------------|-----------------|-----------|---------|
| 625<br>cont. | D) Oil Firing Pin Ass'y                                     |                 | 9/9/88    | RW      |
|              | E) Adjust Trigger Pull to Min. Setting and Stake            |                 | 9 Sept 88 | g.u.    |
|              | F) Safety on Force                                          | 7 7 7           | 9-8-88    | g.u.    |
|              | G) Safety off Force                                         | 4 4 4           | 9-Sept 88 | g.u.    |
|              | H) Trigger Pull Test & Retainability                        |                 | 9 Sept 88 | g.u.    |
|              | I) Firing Pin Indent                                        | .022 .022 .0215 | 9-8-88    | g.u.    |
|              | J) Assemble Stock                                           |                 | 9/15/88   | RW      |
|              | K) Assemble Swivel Studs                                    |                 | 10-12-88  | g.u.    |
|              | L) Attach Front & Rear Sight Assemblies                     |                 | 9/15/88   | RW      |
|              | M) Iron Sight Alignment                                     |                 | 9/15/88   | RW      |
|              | N) Detach Front & Rear Sights & place in numbered container |                 | 9/15/88   | RW      |
|              | O) Attach Scope to Rifle                                    |                 | 10/15/88  | RW      |
|              | P) Detach & Attach Scope 20 times                           |                 | 10-5-88   | g.u.    |
| 640          | Gallery Target & Test                                       | 54 R 101L       | 10/11/88  | DT      |
|              | A) Optical Clarity of Scope                                 |                 | 10/11/88  | g.u.    |
| 645          | Inspect for Live Ammo                                       |                 | 10/11/88  | g.u.    |
| 655          | Final Inspection                                            |                 |           |         |
|              | A) Headspace                                                |                 | 10-12-88  | g.u.    |
|              | B) Trigger Pull                                             |                 | 10-14-88  | g.u.    |
|              | C) Function                                                 |                 | 10-12-88  | g.u.    |
| 660          | Pack                                                        |                 | 10-21-88  | g.u.    |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 66225243

DATE 9-Sept-88

TESTER JCL

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------------------------------------------------------------------------|
| PULL #1 | 2.54             | 2.22                     | 2.46   2.80                    | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.48             | 2.46                     | 2.50   2.68                    |                                                                        |
| PULL #3 | 2.43             | 2.44                     | 2.51   2.65                    |                                                                        |
| PULL #4 | 2.38             | 2.44                     | 2.50   2.64                    |                                                                        |
| PULL #5 | 2.45             | 2.41                     | 2.49   2.59                    |                                                                        |
| TOTAL   | 12.28            | 11.97                    | 12.46   13.36                  |                                                                        |
| AVG.    | 2.456            | 2.394                    | 2.492   2.672                  |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.27             | 3.26                     |  |          |
| PULL #2 | 3.24             | 3.25                     |  |          |
| PULL #3 | 3.23             | 3.26                     |  |          |
| PULL #4 | 3.25             | 3.25                     |  |          |
| PULL #5 | 3.21             | 3.07                     |  |          |
| TOTAL   | 16.20            | 16.09                    |  |          |
| AVG.    | 3.24             | 3.218                    |  |          |

|         | 4.00#<br>INITIAL | 4.00# AFTER<br>20 CYCLES | MAX SETTING<br>GREATER THAN 4# | RESET TO 4# FOR<br>TARGET & ACCURACY |
|---------|------------------|--------------------------|--------------------------------|--------------------------------------|
| PULL #1 | 4.20             | 4.08                     |                                | 4.11                                 |
| PULL #2 | 4.17             | 4.11                     |                                | 4.05                                 |
| PULL #3 | 4.16             | 4.05                     |                                | 3.84                                 |
| PULL #4 | 4.06             | 4.11                     |                                | 4.05                                 |
| PULL #5 | 4.16             | 4.06                     |                                | 4.04                                 |
| TOTAL   | 20.75            | 20.41                    |                                | 20.09                                |
| AVG.    | 4.15             | 4.082                    |                                | 4.018                                |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 6225243

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | 1.02389 |
| 1 TO | 2 | .352369 |
| 1 TO | 3 | .706125 |
| 1 TO | 4 | .712904 |
| 1 TO | 5 | .63112  |

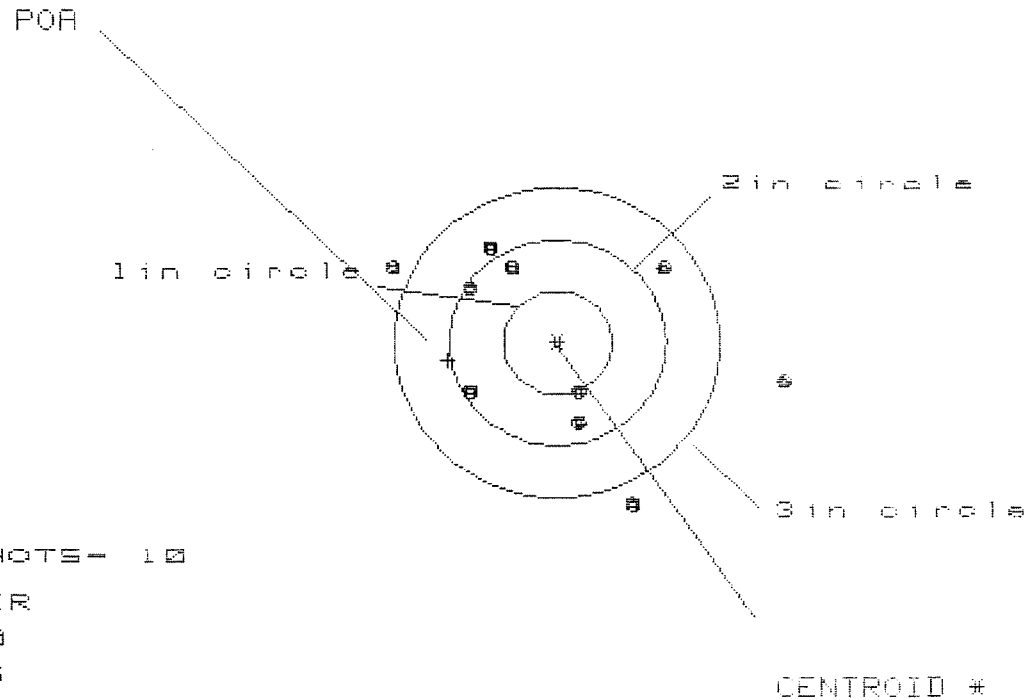
+ 1<sup>2</sup> 5/4 ---- POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: 1.457  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1758  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.46757  
THE AMR FOR THIS RIFLE IS: .965

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/6225243

## CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1 in = 0

2 in = 5

3 in = 7

HS= 3.589

VS= 2.421

GS= 3.774

| PATTERN #                   | : | 1      | 9      | 8      |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 2.121  | 1.176  | 1.297  |
| MINIMUM X                   | : | -1.468 | -1.233 | -1.112 |
| MAXIMUM Y                   | : | .888   | .842   | .644   |
| MINIMUM Y                   | : | -1.533 | -1.579 | -1.014 |
| CENTROID X                  | : | 1.089  | .774   | .653   |
| CENTROID Y                  | : | .174   | .220   | .418   |
| POA TO CENTROID in.         | : | 1.024  | .805   | .775   |
| MIN RADIUS                  | : | .501   | .651   | .492   |
| MEAN RADIUS                 | : | 1.181  | 1.038  | .899   |
| MAX RADIUS                  | : | 2.160  | 1.850  | 1.391  |
| HORIZONTAL SPREAD           | : | 3.589  | 2.409  | 2.409  |
| VERTICAL SPREAD             | : | 2.421  | 2.421  | 1.658  |
| EXTREME SPREAD              | : | 3.774  | 3.171  | 2.409  |
| NUMBER IN ONE INCH CIRCLE   | = | 0      |        |        |
| NUMBER IN TWO INCH CIRCLE   | = | 5      |        |        |
| NUMBER IN THREE INCH CIRCLE | = | 7      |        |        |

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FILE:/PATTERNING/CENTERFIRE\_PATT/6225243

## CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID \*

# OF SHOTS = 10

# IN CIR

1 in = 1

2 in = 4

3 in = 7

HS = 2.773

VS = 3.688

GS = 4.000

| PATTERN #                     | : | 2            |        |        |
|-------------------------------|---|--------------|--------|--------|
| SHOTS (BEST OF)               | : | 10           | 9      | 8      |
| MAXIMUM X                     | : | 1.604        | 1.646  | .917   |
| MINIMUM X                     | : | -1.169       | -1.127 | -.921  |
| MAXIMUM Y                     | : | 1.264        | .994   | 1.086  |
| MINIMUM Y                     | : | -2.424       | -1.269 | -1.177 |
| <u>CENTROID X</u>             | : | <u>1.267</u> | 1.225  | 1.019  |
| <u>CENTROID Y</u>             | : | <u>.414</u>  | .684   | .592   |
| POA TO CENTROID in.:          | : | 1.333        | 1.403  | 1.178  |
| MIN RADIUS                    | : | .474         | .675   | .536   |
| <u>MEAN RADIUS</u>            | : | <u>1.241</u> | 1.106  | 1.001  |
| MAX RADIUS                    | : | 2.454        | 1.804  | 1.424  |
| HORIZONTAL SPREAD             | : | 2.773        | 2.773  | 1.838  |
| VERTICAL SPREAD               | : | 3.688        | 2.263  | 2.263  |
| EXTREME SPREAD                | : | 4.000        | 3.117  | 2.485  |
| NUMBER IN ONE INCH CIRCLE =   | : | 1            |        |        |
| NUMBER IN TWO INCH CIRCLE =   | : | 4            |        |        |
| NUMBER IN THREE INCH CIRCLE = | : | 7            |        |        |

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## CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID \*

# OF SHOTS= 10

# IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.142

VS= 2.352

GS= 2.564

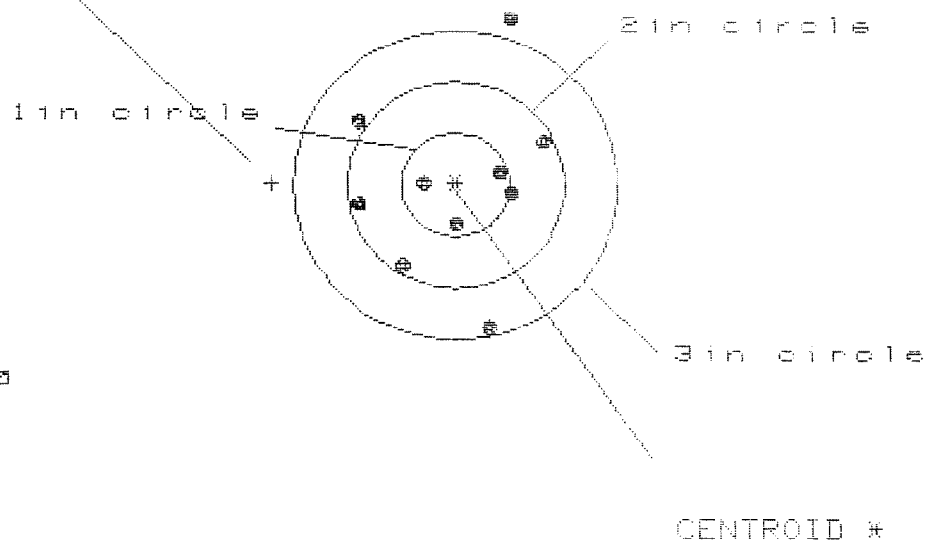
| PATTERN #                   | : | 3      | 9      | 8     |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.210  | .886   | .815  |
| MINIMUM X                   | : | -.932  | -.797  | -.868 |
| MAXIMUM Y                   | : | 1.214  | 1.344  | .582  |
| MINIMUM Y                   | : | -1.138 | -1.008 | -.840 |
| CENTROID X                  | : | 1.691  | 1.556  | 1.627 |
| CENTROID Y                  | : | -.009  | -.139  | -.307 |
| POA TO CENTROID in.         | : | 1.691  | 1.563  | 1.656 |
| MIN RADIUS                  | : | .172   | .163   | .150  |
| MEAN RADIUS                 | : | .864   | .734   | .614  |
| MAX RADIUS                  | : | 1.684  | 1.458  | 1.045 |
| HORIZONTAL SPREAD           | : | 2.142  | 1.683  | 1.683 |
| VERTICAL SPREAD             | : | 2.352  | 2.352  | 1.422 |
| EXTREME SPREAD              | : | 2.564  | 2.483  | 1.806 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |       |

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## CENTERFIRE PATTERNS # 4

POR



# OF SHOTS- 10

# IN CIR

1in = 4

2in = 7

3in = 9

HS= 1.752

VS= 2.937

GS= 2.946

| PATTERN #                   | : | 4      | 9      | 8     |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | .839   | .895   | .935  |
| MINIMUM X                   | : | -.913  | -.857  | -.817 |
| MAXIMUM Y                   | : | 1.599  | .751   | .686  |
| MINIMUM Y                   | : | -1.329 | -1.161 | -.757 |
| CENTROID X                  | : | 1.695  | 1.639  | 1.599 |
| CENTROID Y                  | : | -.020  | -.198  | -.053 |
| POR TO CENTROID in.         | : | 1.695  | 1.651  | 1.600 |
| MIN RADIUS                  | : | .275   | .213   | .197  |
| MEAN RADIUS                 | : | .844   | .733   | .669  |
| MAX RADIUS                  | : | 1.676  | 1.205  | 1.052 |
| HORIZONTAL SPREAD           | : | 1.752  | 1.752  | 1.752 |
| VERTICAL SPREAD             | : | 2.937  | 1.912  | 1.363 |
| EXTREME SPREAD              | : | 2.946  | 2.247  | 1.812 |
| NUMBER IN ONE INCH CIRCLE   | = | 4      |        |       |
| NUMBER IN TWO INCH CIRCLE   | = | 7      |        |       |
| NUMBER IN THREE INCH CIRCLE | = | 9      |        |       |

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## CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID \*

# OF SHOTS = 10

# IN CIR

1 in = 3

2 in = 8

3 in = 10

HS = 1.639

VS = 2.084

GS = 2.275

| PATTERN #                   | : | 5      | 9     | 8     |
|-----------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | .605   | .671  | .550  |
| MINIMUM X                   | : | -1.034 | -.968 | -.774 |
| MAXIMUM Y                   | : | 1.225  | .528  | .499  |
| MINIMUM Y                   | : | -.859  | -.722 | -.751 |
| CENTROID X                  | : | 1.623  | 1.557 | 1.678 |
| CENTROID Y                  | : | .320   | .183  | .212  |
| POA TO CENTROID in.         | : | 1.654  | 1.568 | 1.691 |
| MIN RADIUS                  | : | .081   | .164  | .067  |
| MEAN RADIUS                 | : | .695   | .635  | .556  |
| MAX RADIUS                  | : | 1.362  | .994  | .820  |
| HORIZONTAL SPREAD           | : | 1.639  | 1.639 | 1.324 |
| VERTICAL SPREAD             | : | 2.084  | 1.250 | 1.250 |
| EXTREME SPREAD              | : | 2.275  | 1.662 | 1.562 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 8     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10    |       |

Serial Number: C6225243  
Model: 700  
  
RE00009407

M-24 INSPECTION CHECKLIST  
CONTRACT #: DAAE-20-97-C-242

|                               |                          |                     |           |
|-------------------------------|--------------------------|---------------------|-----------|
| R & E NUMBER                  |                          |                     |           |
| SERIAL NUMBER <i>C6225J43</i> |                          |                     |           |
| LOG-IN DATE <i>5-11-00</i>    |                          |                     |           |
| INSPECT AND VERIFY:           |                          |                     |           |
| OPERATION #                   | OPERATION NAME           | DATE                | INITIAL   |
| 550                           | DIS-ASSEMBLE GUN         | <i>5-15-00</i>      | <i>RW</i> |
| 560 A                         | RE-BARREL AT CUSTOM SHOP |                     |           |
| B                             | DRILL AND TAP            |                     |           |
| C                             | POLISH                   |                     |           |
| 575                           | ASSEMBLE                 |                     |           |
| 600                           | PROOF                    | <i>5-22-00</i>      | <i>RW</i> |
| 605                           | CHECK HEADSPACE          | <i>5-22-00</i>      | <i>RW</i> |
| 610                           | DIS-ASSEMBLE GUN         |                     |           |
| 612                           | MAGNAFLUX                |                     |           |
| 615                           | ROLLMARK CALIBER         |                     |           |
| 618                           | ROTO-BLAST               |                     |           |
| 620                           | APPLY COATINGS           |                     |           |
| 625 A                         | FINAL ASSEMBLY           |                     |           |
| B                             | TRIGGER PULL TEST        |                     |           |
| C                             | SAFETY "ON" FORCE        |                     |           |
| D                             | SAFETY "OFF" FORCE       |                     |           |
| E                             | FIRING PIN INDENT        |                     |           |
| 640                           | TARGET                   | <i>7-20-00</i>      | <i>RW</i> |
| 655                           | FINAL INSPECT            | <i>7-25-00</i>      | <i>RW</i> |
| 660                           | PACK                     |                     |           |
|                               |                          | SHIP DATE           |           |
|                               |                          | QAR INSPECTION DATE |           |

## Final Inspection

|     |             |             |
|-----|-------------|-------------|
| Sn: | DATE REC'D: | DATE RET'D: |
|-----|-------------|-------------|

Auditor: *RU*

## Item:

Barrel Assy.

- ☒ BARREL
- ☒ RECEIVER
- ☒ FRONT SIGHT BLOCK
- ☒ REAR SIGHT BLOCK
- ☒ SCREWS
- ☒ FINISH

Scope Assy.

- ☐ Scope
- ☐ Scope Rings
- ☐ Mounting Screws
- ☒ Mounting Base
- ☒ Screws
- ☒ Finish
- ☐ Looseness
- ☐ CLARITY

Misc.

- ☐ DD-350
- ☐ BAR CODE
- ☐ PACKAGING

## Item:

Stock Assy.

- ☒ Stock
- ☒ Sling Swivel Studs
- ☒ ADJUSTABLE BUTT PLATE
- ☒ LOCK NUTS
- ☒ BARREL CLEARANCE
- ☒ COLOR/FINISH

Systems Case

- ☐ Scope Case
- ☐ Iron SIGHTS
- ☐ Deployment Kit

Trigger

- ☒ SAFETY OPERATION
- ☒ SET

Comments:

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225243  
17 Jul 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0582  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0574  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0817435

THE AMR FOR THIS RIFLE IS: 1.237

# CENTROIDAL DISTANCES

|   |    |   |          |
|---|----|---|----------|
| 0 | TO | 1 | .203002  |
| 1 | TO | 2 | .427735  |
| 1 | TO | 3 | .161208  |
| 1 | TO | 4 | .0879659 |
| 1 | TO | 5 | .156208  |

4<sup>1</sup> 5<sup>2</sup> <----POA

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

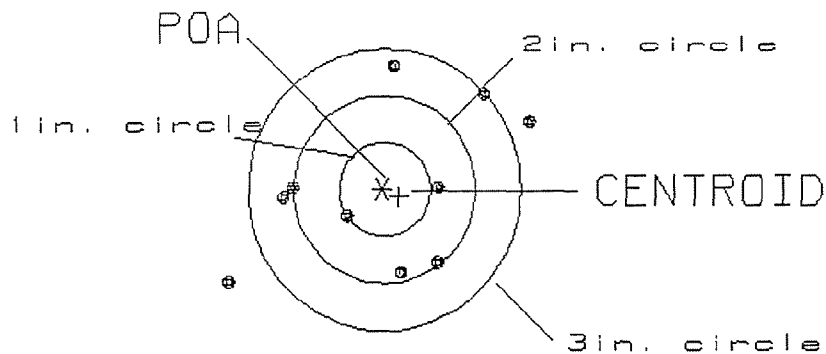
PATTERN #: 1

POA TO CENTROID: .203  
 MIN RADIUS : .518  
 MEAN RADIUS : 1.179  
 MAX RADIUS : 1.988  
 CENTROID X : -.187  
 CENTROID Y : .079

17 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225243.1

# CENTERFIRE PATTERN # 1



# OF SHOTS= 10

# IN CIRCLE

HS= 3.32

0

VS= 2.34

5

GS= 3.76

7

REMINGTON CENTERFIRE ACCURACY TEST

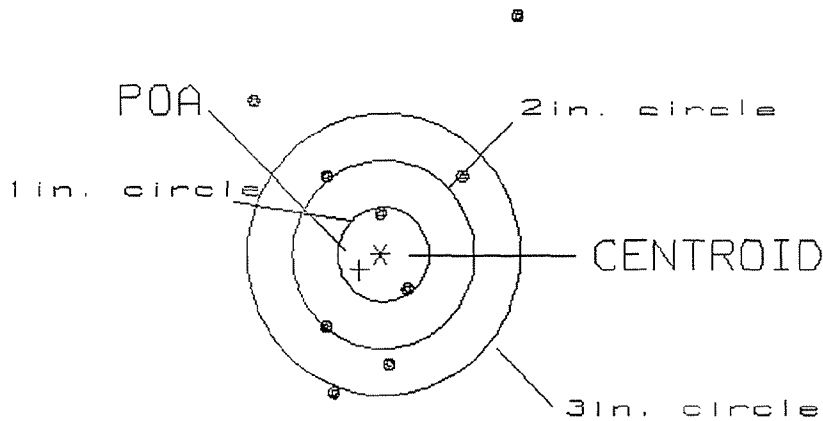
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2  
 POA TO CENTROID: .285  
 MIN RADIUS : .398  
 MEAN RADIUS : 1.437  
 MAX RADIUS : 2.899  
 CENTROID X : .232  
 CENTROID Y : .165

17 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225243.1

# CENTERFIRE PATTERN # 2



# OF SHOTS= 10

# IN CIRCLE

HS= 2.90  
 VS= 4.92  
 GS= 5.00

2  
 3  
 6

REMINGTON CENTERFIRE ACCURACY TEST

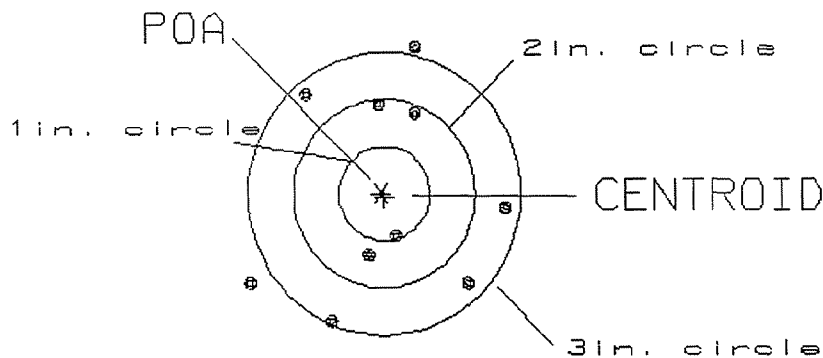
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐  
 POA TO CENTROID: .055  
 MIN RADIUS : .445  
 MEAN RADIUS : 1.177  
 MAX RADIUS : 1.730  
 CENTROID X : -.029  
 CENTROID Y : .047

17 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225243.1

# CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 2.81  
 VS= 2.88  
 GS= 3.03

1  
 4  
 5

REMINGTON CENTERFIRE ACCURACY TEST

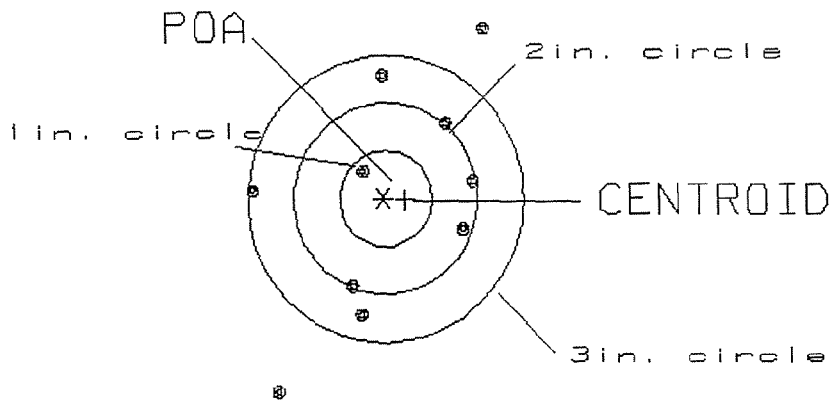
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐  
 POA TO CENTROID: .244  
 MIN RADIUS : .411  
 MEAN RADIUS : 1.255  
 MAX RADIUS : 2.301  
 CENTROID X : -.244  
 CENTROID Y : .012

17 Jul 2000

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# CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 2.51  
 US= 3.81  
 GS= 4.41

1  
 4  
 5

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .065

MIN RADIUS : .241

MEAN RADIUS : 1.135

MAX RADIUS : 2.834

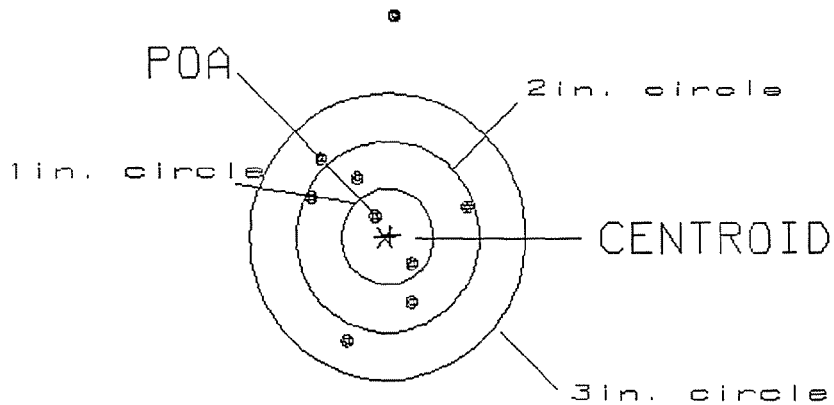
CENTROID X : -.063

CENTROID Y : -.016

17 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225243.1

## CENTERFIRE PATTERN # 5



# OF SHOTS= 10

# IN CIRCLE

HS= 1.94

2

US= 4.93

6

GS= 5.03

8

## Arms Services Repair &amp; Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

## Repair Inquiry

Repair Number: RE00131882

Serial: C6225243 Model M24 SWS Center Fire  
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 7/30/2007 10:55:20 AM

## Address Information

Customer:

Received From

Return To:

Received From

Name: A CO 1/10SF BN

A CO 1/10SF BN

Address 1: PANZER KASERNE

PANZER KASERNE

Address 2: APO

PO Box:

APO

PO Box:

City: WH09A0

WH09A0

State: AE

Zip Code: 09107

Country: IT

State: AE

Zip Code: 09107

Country: IT

FFL:

## Contact / Condition

## Problems

## Estimate

## History / Status

## Shipping / Billing

## Contact Information

Phone: NN

Fax:

Email:

Comments:

## Received Condition

Fair

Condition  
Notes:CSR  
Notes:

## Accessories Received

| Code | Desc                  | Qty |
|------|-----------------------|-----|
| A007 | With Stud             | 3   |
| A017 | Scope Base            | 1   |
| A057 | Fit and Rear Sgt Base | 1   |

## Repair Search

## Refresh

## Close

nagletj

7/30/2007

12:50 PM

CAPS

NUM

INS

SCRL

start

4 Micro...

6 Inter...

RAC0179...

Part Sear...

Arms Ser...

12:50 PM

Serial Number: C6225243

Model: M24 SWS

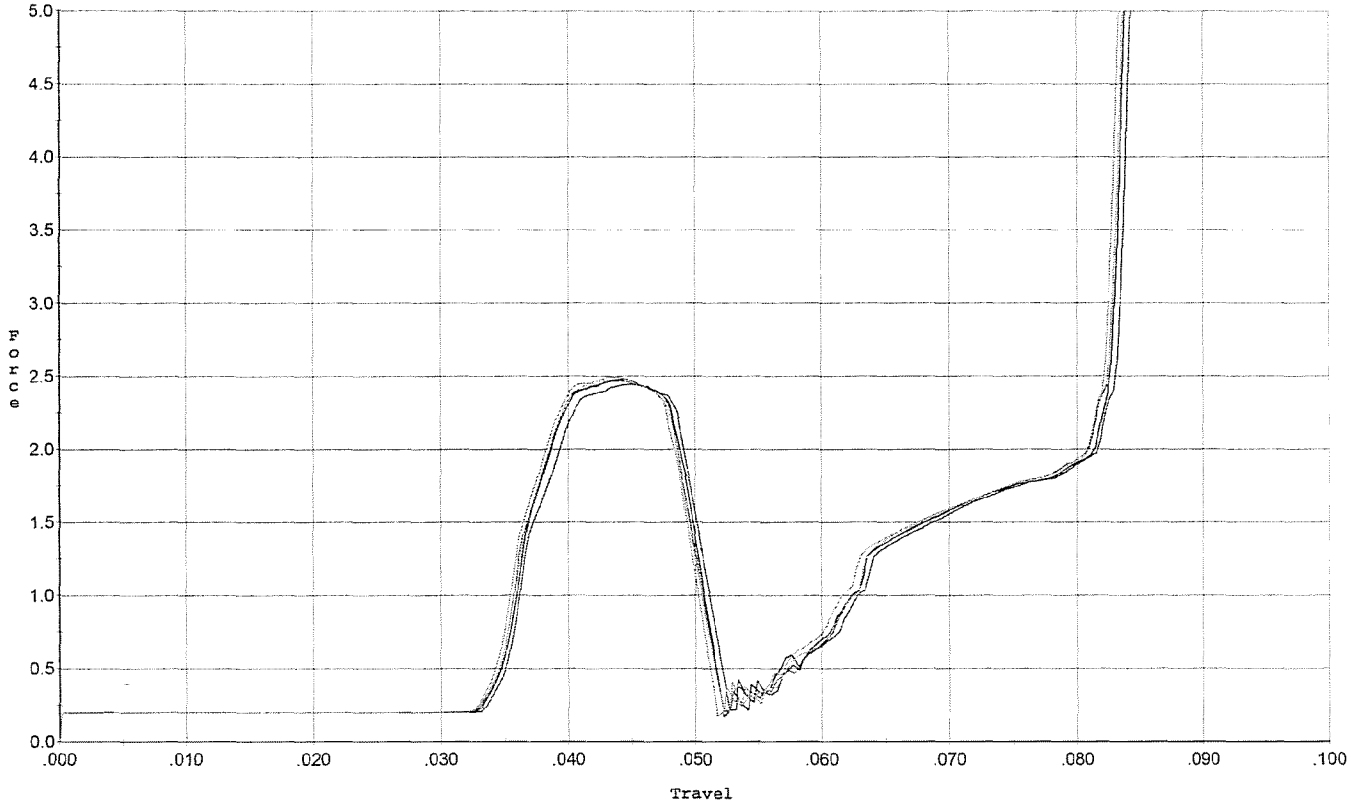


RE00131882

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putsch 9/25/07

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



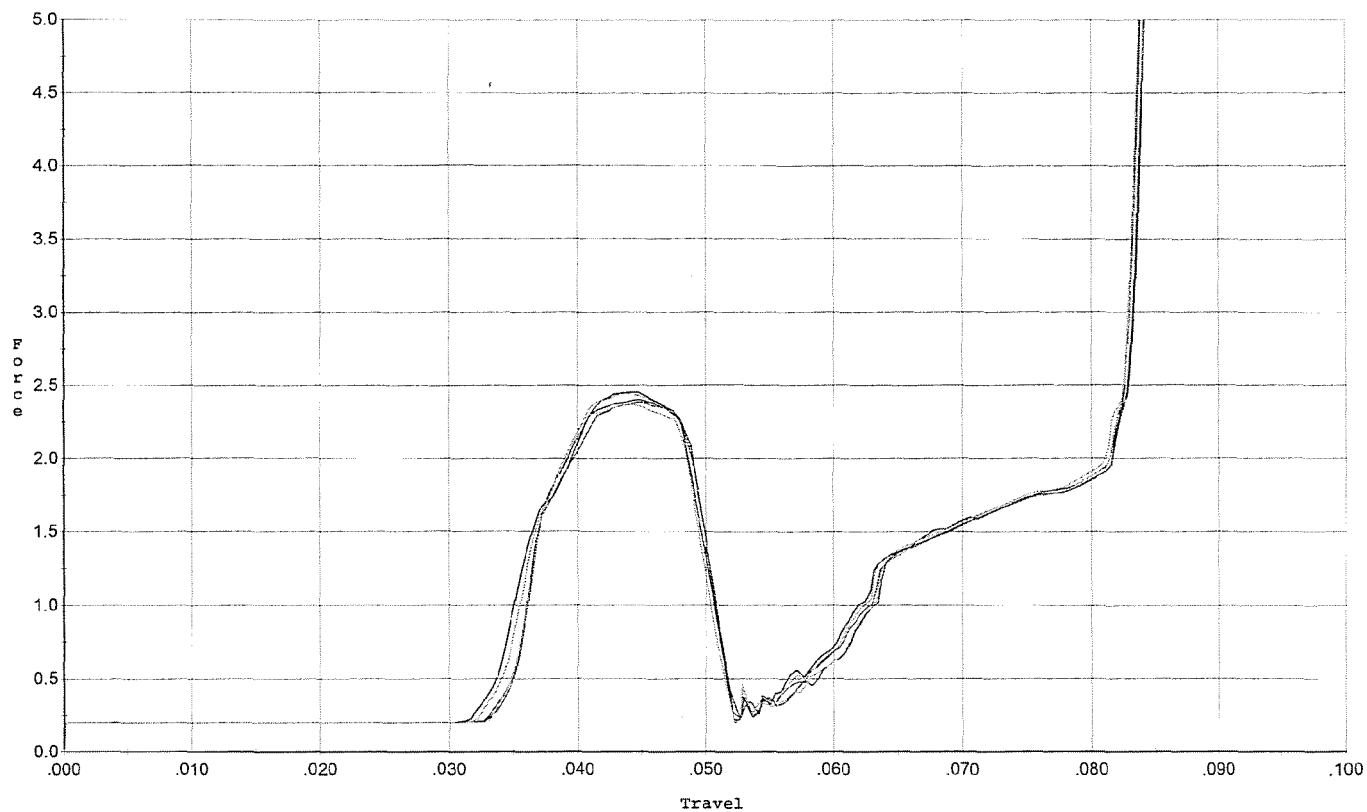
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.445      | 0.050             | 0.034           | 0.039      | 0.039             |           | Set Trigger |
| 2 | 2.481      | 0.049             | 0.034           | 0.038      | 0.038             |           | Set Trigger |
| 3 | 2.472      | 0.050             | 0.034           | 0.039      | 0.039             |           | Set Trigger |
| 4 | 2.491      | 0.048             | 0.034           | 0.039      | 0.037             |           | Set Trigger |
| 5 | 2.497      | 0.049             | 0.033           | 0.038      | 0.038             |           | Set Trigger |

Avg 2.47

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 9/25/07

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



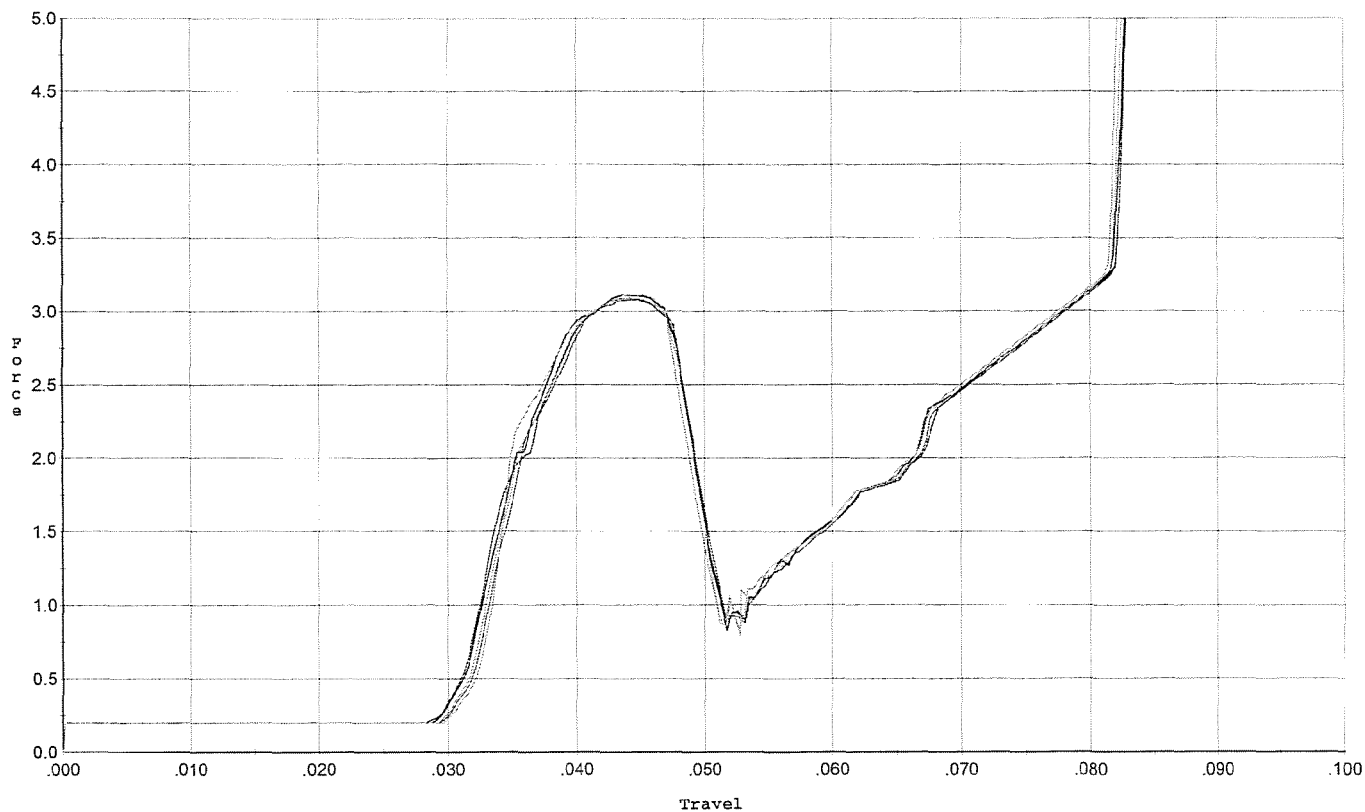
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.401      | 0.049             | 0.034           | 0.039      | 0.037             |           | Set Trigger |
| 2 | 2.452      | 0.050             | 0.032           | 0.039      | 0.039             |           | Set Trigger |
| 3 | 2.385      | 0.049             | 0.034           | 0.039      | 0.037             |           | Set Trigger |
| 4 | 2.366      | 0.048             | 0.034           | 0.039      | 0.036             |           | Set Trigger |
| 5 | 2.445      | 0.048             | 0.033           | 0.039      | 0.037             |           | Set Trigger |

AVG 2.41

## Trigger Profile [ lbs,inch ]

**Profile** SWS  
**GunType:** Rifle  
**Make:** Remington  
**Note:** R. Putch 9/25/07

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



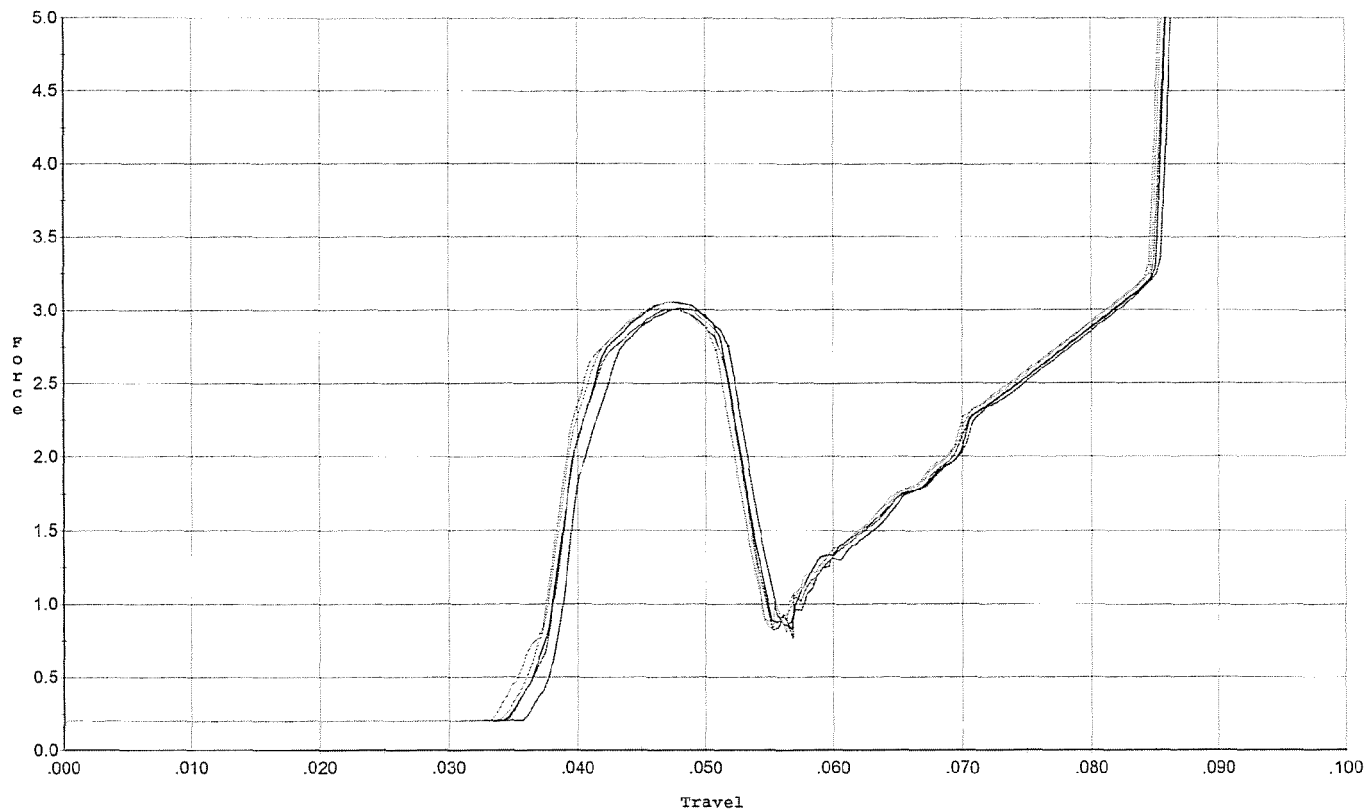
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.089      | 0.048             | 0.030           | 0.037      | 0.049             |           | Set Trigger |
| 2 | 3.108      | 0.048             | 0.030           | 0.037      | 0.049             |           | Set Trigger |
| 3 | 3.079      | 0.048             | 0.031           | 0.037      | 0.048             |           | Set Trigger |
| 4 | 3.088      | 0.048             | 0.030           | 0.037      | 0.048             |           | Set Trigger |
| 5 | 3.112      | 0.047             | 0.031           | 0.037      | 0.047             |           | Set Trigger |

Avg 3.09

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 9/25/07

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



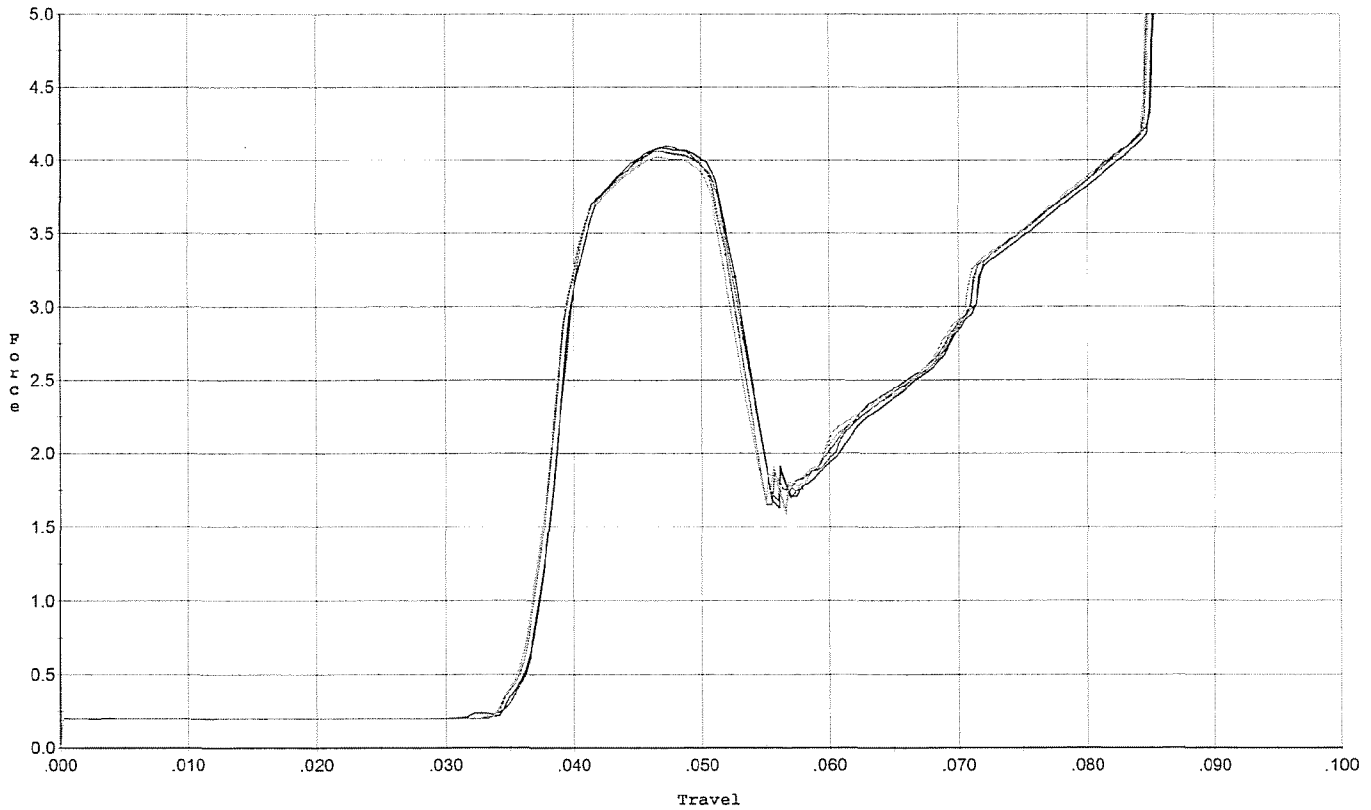
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.012      | 0.052             | 0.037           | 0.039      | 0.045             |           | Set Trigger |
| 2 | 3.058      | 0.051             | 0.035           | 0.038      | 0.047             |           | Set Trigger |
| 3 | 3.004      | 0.051             | 0.035           | 0.038      | 0.046             |           | Set Trigger |
| 4 | 3.058      | 0.052             | 0.035           | 0.038      | 0.048             |           | Set Trigger |
| 5 | 3.010      | 0.051             | 0.034           | 0.038      | 0.047             |           | Set Trigger |

Avg 3.02

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 9/25/07

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



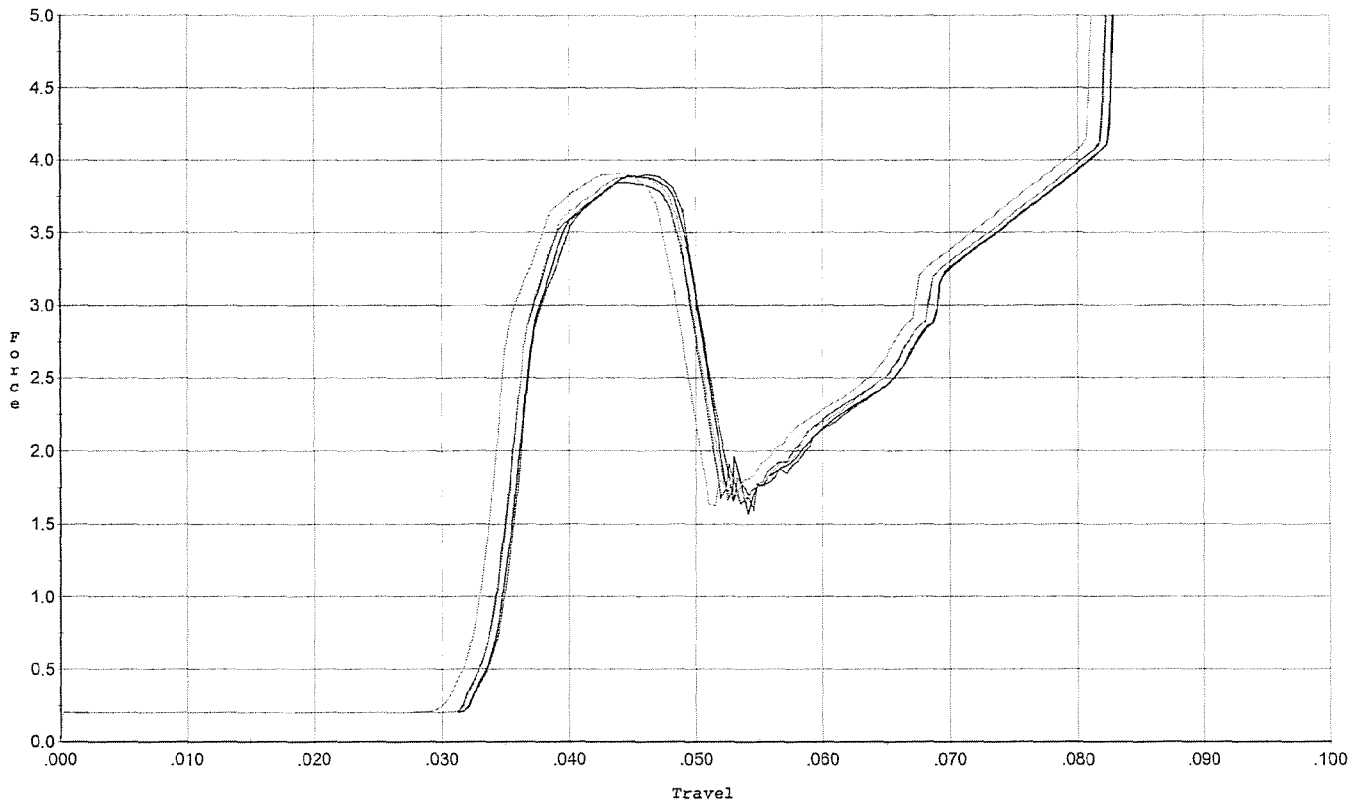
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.099      | 0.053             | 0.035           | 0.037      | 0.066             |           | Set Trigger |
| 2 | 4.084      | 0.053             | 0.035           | 0.037      | 0.065             |           | Set Trigger |
| 3 | 4.061      | 0.052             | 0.035           | 0.036      | 0.064             |           | Set Trigger |
| 4 | 4.018      | 0.051             | 0.034           | 0.037      | 0.062             |           | Set Trigger |
| 5 | 4.059      | 0.052             | 0.035           | 0.036      | 0.064             |           | Set Trigger |

Avg 4.06

## Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 9/25/07

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



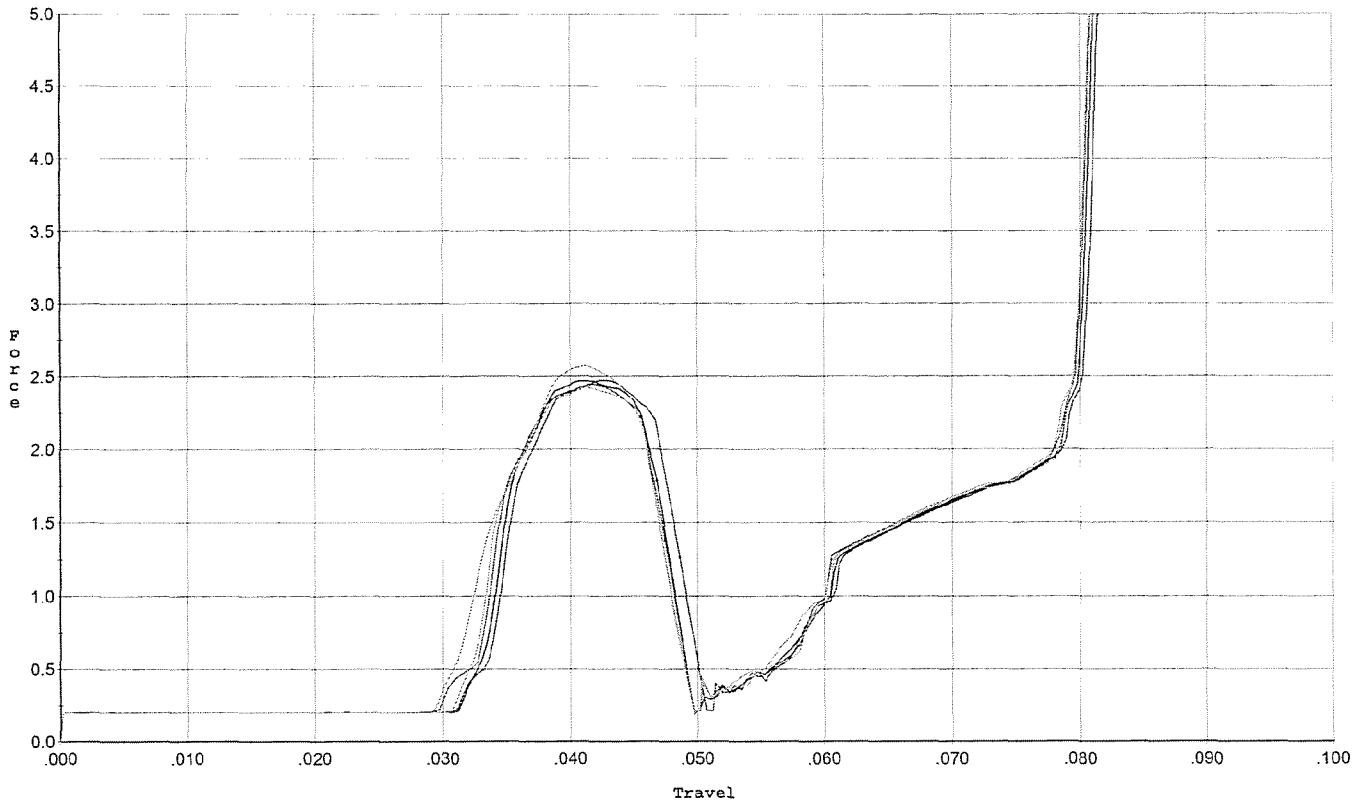
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.899      | 0.049             | 0.033           | 0.036      | 0.059             |           | Set Trigger |
| 2 | 3.882      | 0.049             | 0.032           | 0.036      | 0.060             |           | Set Trigger |
| 3 | 3.845      | 0.049             | 0.032           | 0.035      | 0.060             |           | Set Trigger |
| 4 | 3.880      | 0.049             | 0.032           | 0.035      | 0.060             |           | Set Trigger |
| 5 | 3.904      | 0.048             | 0.031           | 0.035      | 0.061             |           | Set Trigger |

Avg 3.88

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 9/25/07

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



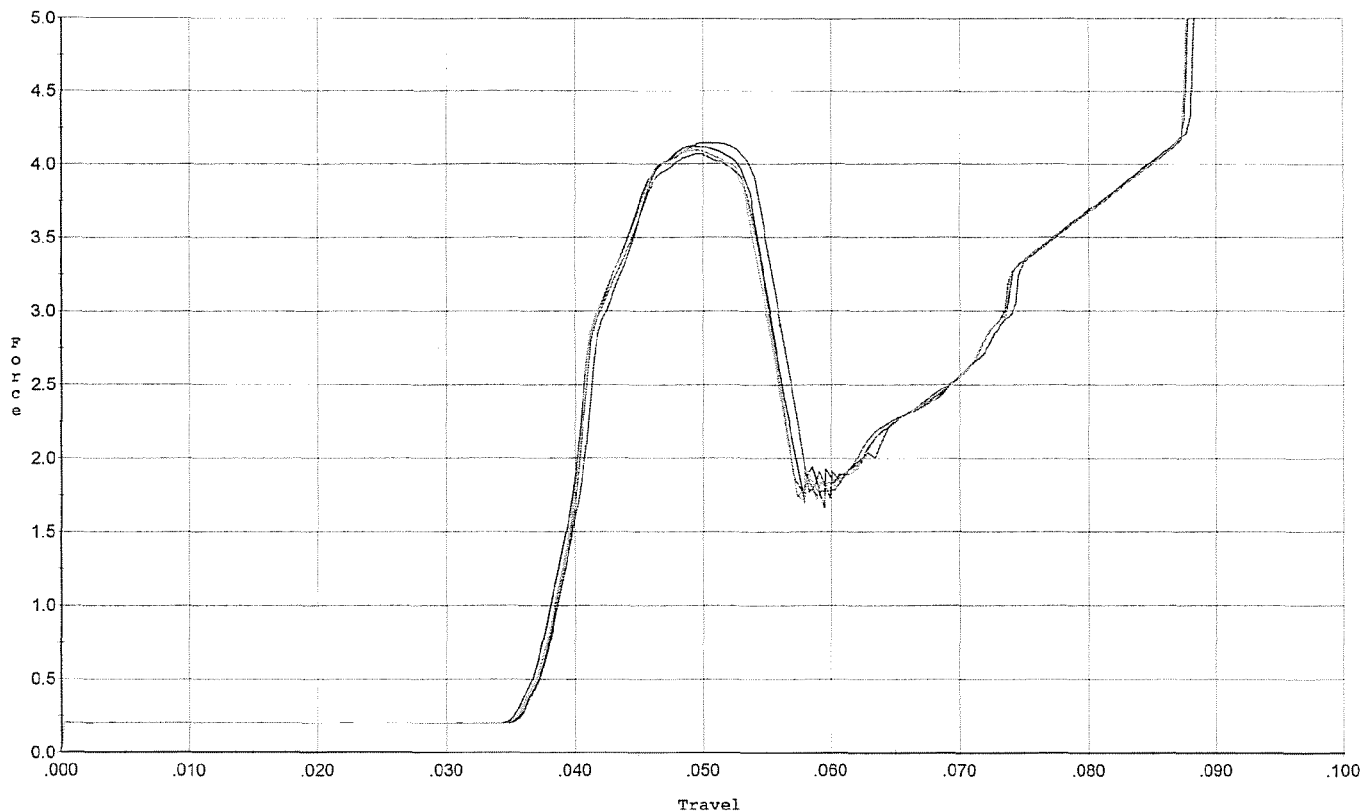
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.474      | 0.049             | 0.032           | 0.038      | 0.038             |           | Set Trigger |
| 2 | 2.469      | 0.047             | 0.032           | 0.038      | 0.036             |           | Set Trigger |
| 3 | 2.449      | 0.047             | 0.030           | 0.038      | 0.037             |           | Set Trigger |
| 4 | 2.424      | 0.046             | 0.031           | 0.038      | 0.036             |           | Set Trigger |
| 5 | 2.574      | 0.046             | 0.030           | 0.038      | 0.038             |           | Set Trigger |

Avg 2.47

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 9/25/07

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 | 4.146      | 0.056             | 0.036           | 0.037      | 0.070             |           | Set Trigger |
| 2 | 4.124      | 0.054             | 0.036           | 0.037      | 0.067             |           | Set Trigger |
| 3 | 4.072      | 0.054             | 0.036           | 0.037      | 0.065             |           | Set Trigger |
| 4 | 4.091      | 0.055             | 0.036           | 0.037      | 0.067             |           | Set Trigger |
| 5 | 4.103      | 0.054             | 0.036           | 0.037      | 0.066             |           | Set Trigger |

Avg 4.10

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225243.\_\_\_0

FILE DATE AND TIME: 10/01/2007 09:16

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.130  |
| The Average Y Centroid of the Five Target Set:              | -0.040 |
| The Average Point of Impact of the Five Target Set:         | 0.136  |
| The Average Mean Radius of the Five Target Set:             | 0.796  |
| The Distance from POA to Centroid Target #1:                | 0.242  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.175  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.270  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.390  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.293  |

SERIAL NUMBER: C6225243. 0

TARGET NUMBER: 1

FILE DATE: 10/01/2007

FILE TIME: 09:16

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.840  | -0.903 |
| 2:     | 0.835  | -0.874 |
| 3:     | 0.076  | -1.156 |
| 4:     | -0.285 | -1.130 |
| 5:     | 0.696  | -0.040 |
| 6:     | -0.008 | -0.229 |
| 7:     | -1.581 | 0.895  |
| 8:     | -0.514 | 0.513  |
| 9:     | -0.190 | 0.318  |
| 10:    | -0.498 | 0.210  |

X CENTROID: 0.037

Y CENTROID: -0.240

POA TO CENTROID: 0.242

HORZ SPREAD: 3.421

VERT SPREAD: 2.051

GROUP SPREAD: 3.865

MIN RADIUS: 0.046

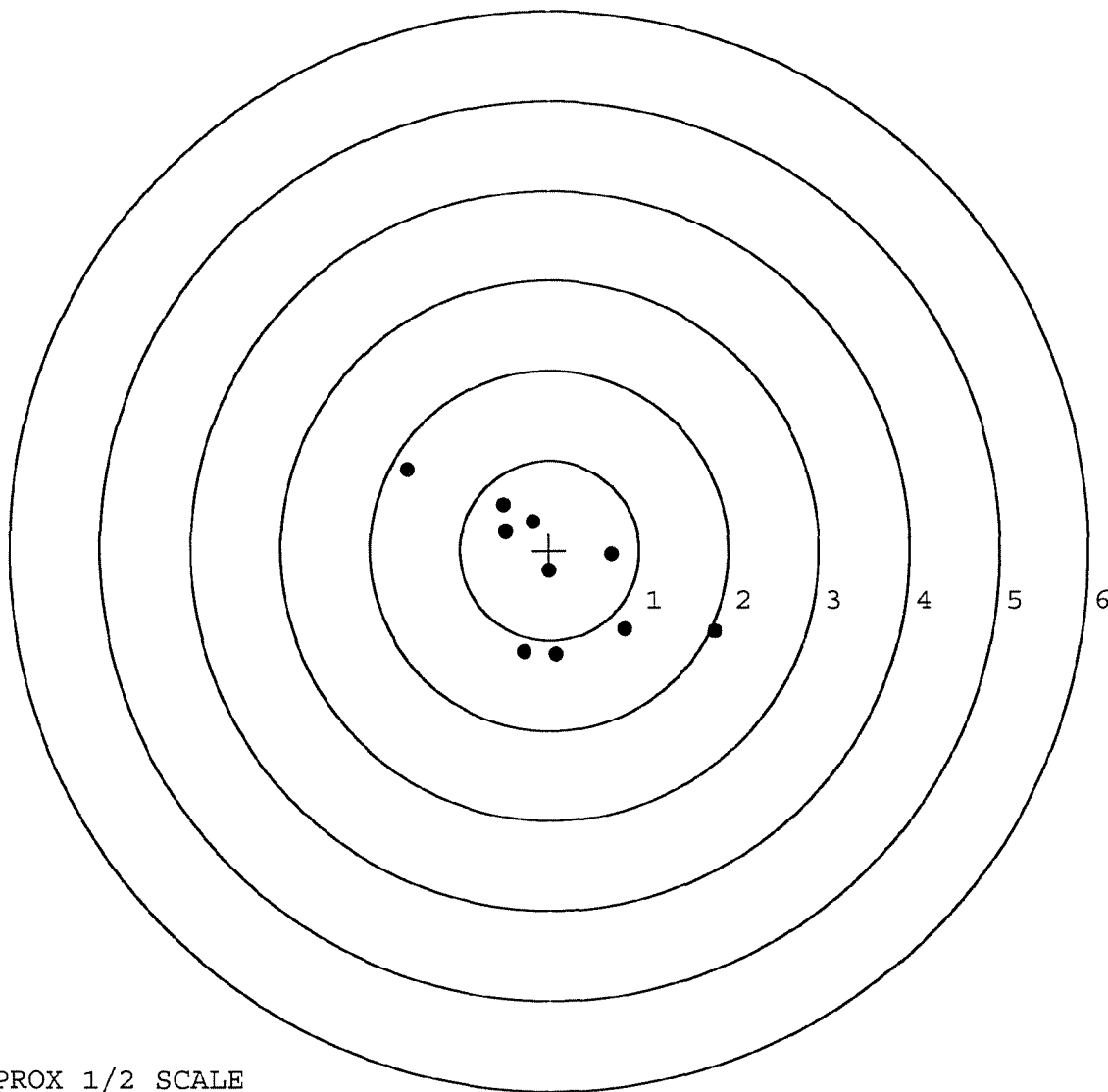
MAX RADIUS: 1.976

MEAN RADIUS: 0.975

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

**BARBER - M24 0011415**

SERIAL NUMBER: C6225243. \_\_ 0

TARGET NUMBER: 2

FILE DATE: 10/01/2007

FILE TIME: 09:16

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.131 | 0.917  |
| 2:     | -0.770 | 0.095  |
| 3:     | -0.284 | 0.207  |
| 4:     | -0.032 | 0.038  |
| 5:     | -0.042 | -0.267 |
| 6:     | -0.044 | -0.524 |
| 7:     | 0.313  | 0.064  |
| 8:     | 0.679  | 0.207  |
| 9:     | 0.943  | -0.364 |
| 10:    | 0.915  | -1.473 |

X CENTROID: 0.155

Y CENTROID: -0.110

POA TO CENTROID: 0.190

HORZ SPREAD: 1.713

VERT SPREAD: 2.390

GROUP SPREAD: 2.609

MIN RADIUS: 0.235

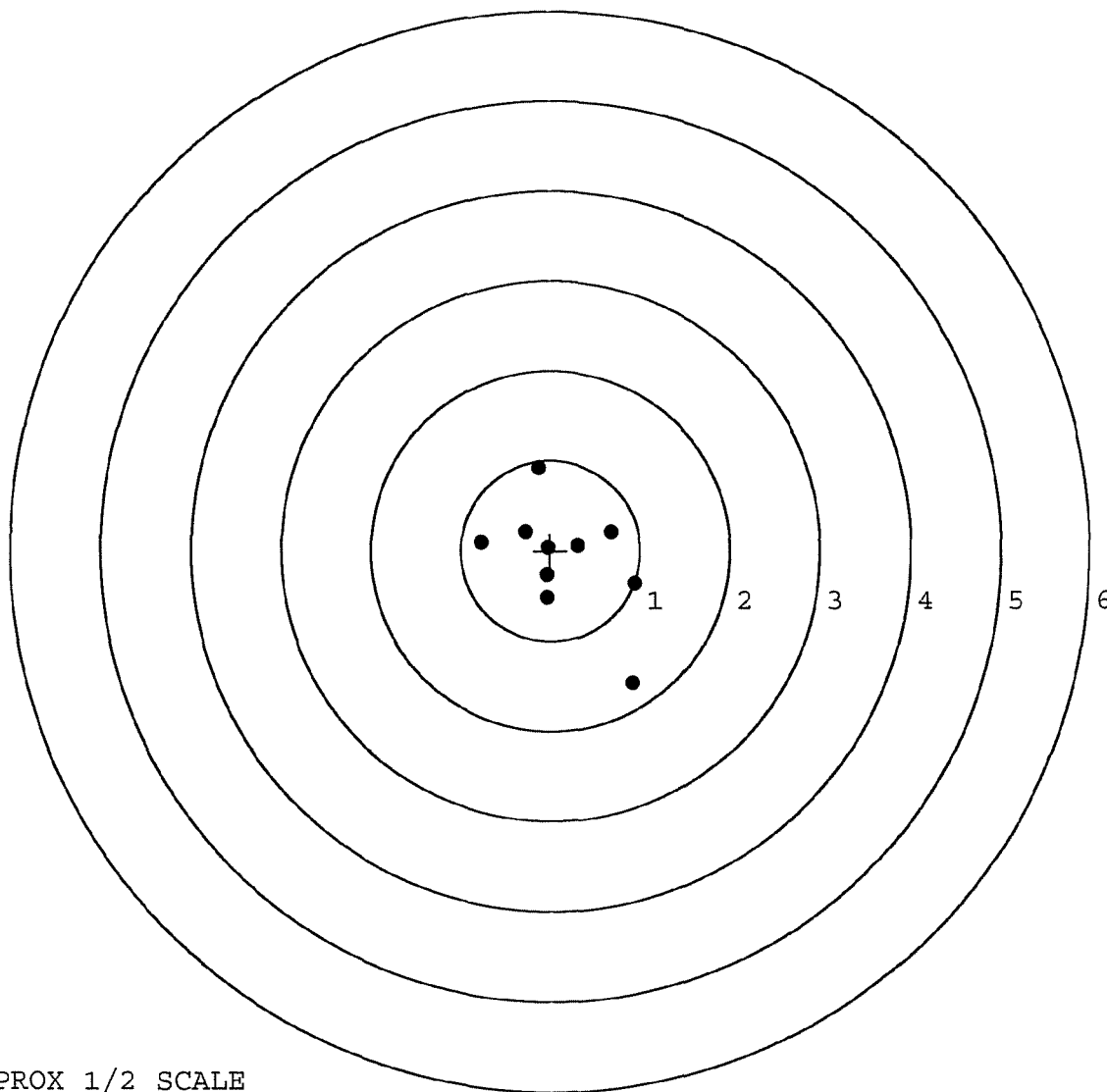
MAX RADIUS: 1.561

MEAN RADIUS: 0.674

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225243. 0

TARGET NUMBER: 3

FILE DATE: 10/01/2007

FILE TIME: 09:16

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.793  | 0.509  |
| 2:     | 1.265  | 0.591  |
| 3:     | 0.242  | 0.385  |
| 4:     | -0.099 | 0.190  |
| 5:     | -0.251 | -0.209 |
| 6:     | -0.677 | -0.343 |
| 7:     | -0.571 | -0.597 |
| 8:     | 0.265  | -0.349 |
| 9:     | -0.037 | -0.267 |
| 10:    | 0.151  | -0.213 |

X CENTROID: 0.208

Y CENTROID: -0.030

POA TO CENTROID: 0.210

HORZ SPREAD: 2.470

VERT SPREAD: 1.188

GROUP SPREAD: 2.613

MIN RADIUS: 0.191

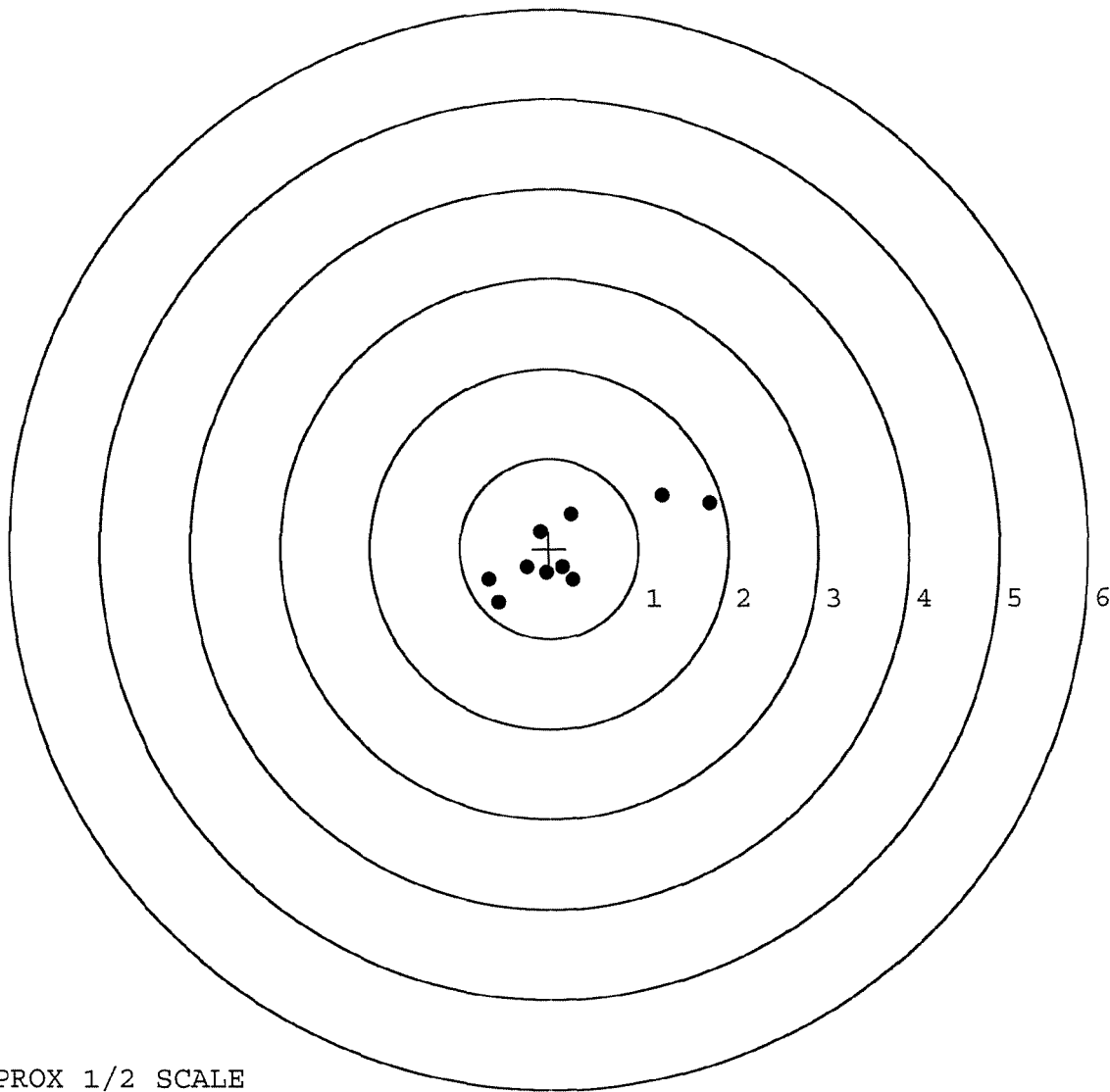
MAX RADIUS: 1.674

MEAN RADIUS: 0.695

# IN 1 IN DIAMETER: 6

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225243. \_\_ 0

TARGET NUMBER: 4

FILE DATE: 10/01/2007

FILE TIME: 09:16

X CENTROID: 0.159

Y CENTROID: 0.131

POA TO CENTROID: 0.206

HORZ SPREAD: 1.825

VERT SPREAD: 1.940

GROUP SPREAD: 2.338

MIN RADIUS: 0.199

MAX RADIUS: 1.298

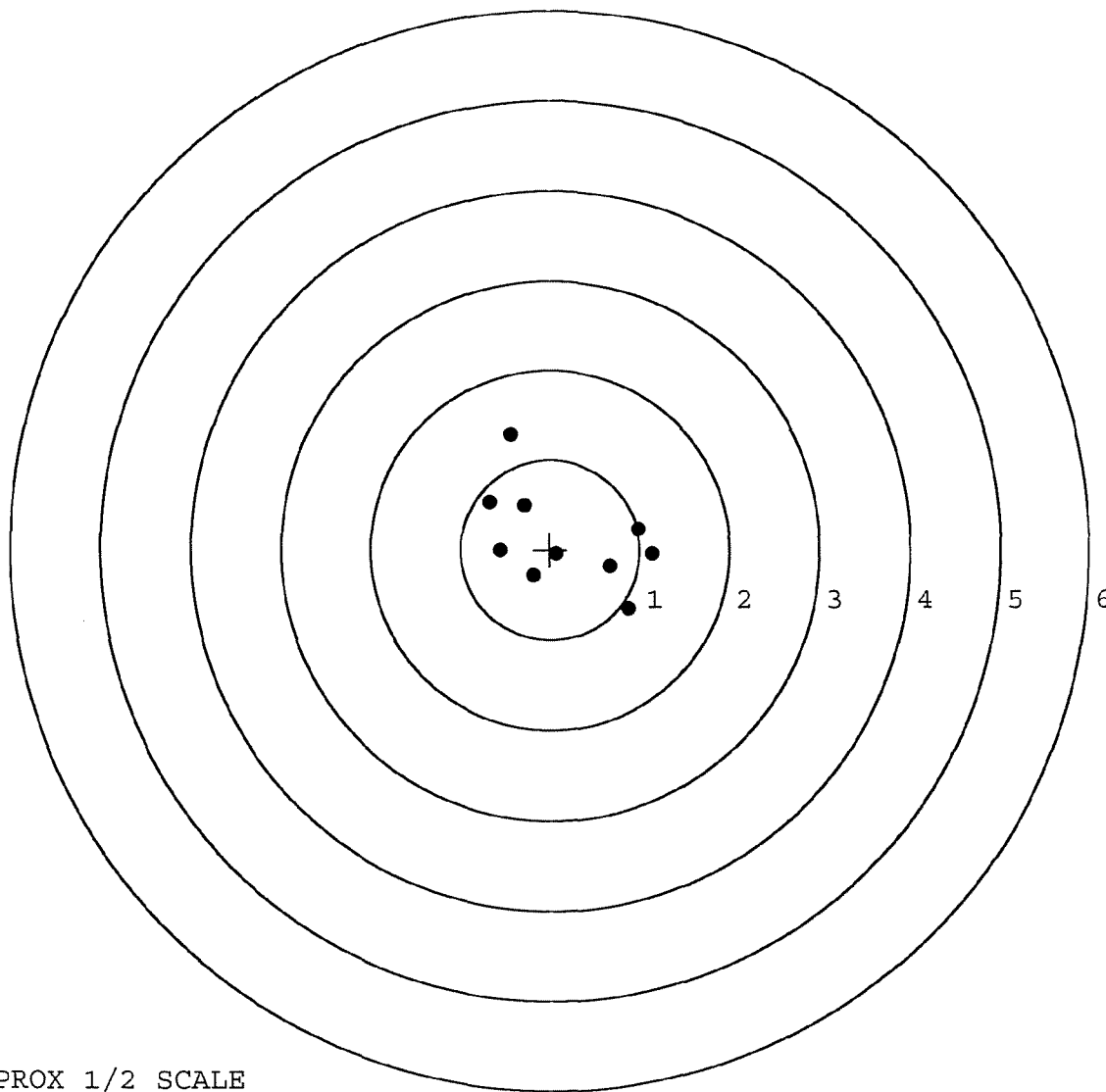
MEAN RADIUS: 0.777

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.867  | -0.656 |
| 2:     | 0.669  | -0.180 |
| 3:     | 1.146  | -0.050 |
| 4:     | 0.982  | 0.228  |
| 5:     | -0.189 | -0.289 |
| 6:     | 0.073  | -0.048 |
| 7:     | -0.556 | -0.010 |
| 8:     | -0.287 | 0.500  |
| 9:     | -0.679 | 0.534  |
| 10:    | -0.438 | 1.284  |



TARGET APPROX 1/2 SCALE

**BARBER - M24 0011418**

SERIAL NUMBER: C6225243. \_\_0

TARGET NUMBER: 5

FILE DATE: 10/01/2007

FILE TIME: 09:16

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.494 | 0.810  |
| 2:     | -0.941 | -0.153 |
| 3:     | -0.302 | 0.156  |
| 4:     | 0.090  | 0.767  |
| 5:     | 0.140  | 0.653  |
| 6:     | 0.093  | 0.477  |
| 7:     | 0.817  | 0.297  |
| 8:     | 0.840  | -0.465 |
| 9:     | 1.120  | -0.800 |
| 10:    | -0.431 | -1.266 |

X CENTROID: 0.093

Y CENTROID: 0.048

POA TO CENTROID: 0.105

HORZ SPREAD: 2.061

VERT SPREAD: 2.076

GROUP SPREAD: 2.099

MIN RADIUS: 0.410

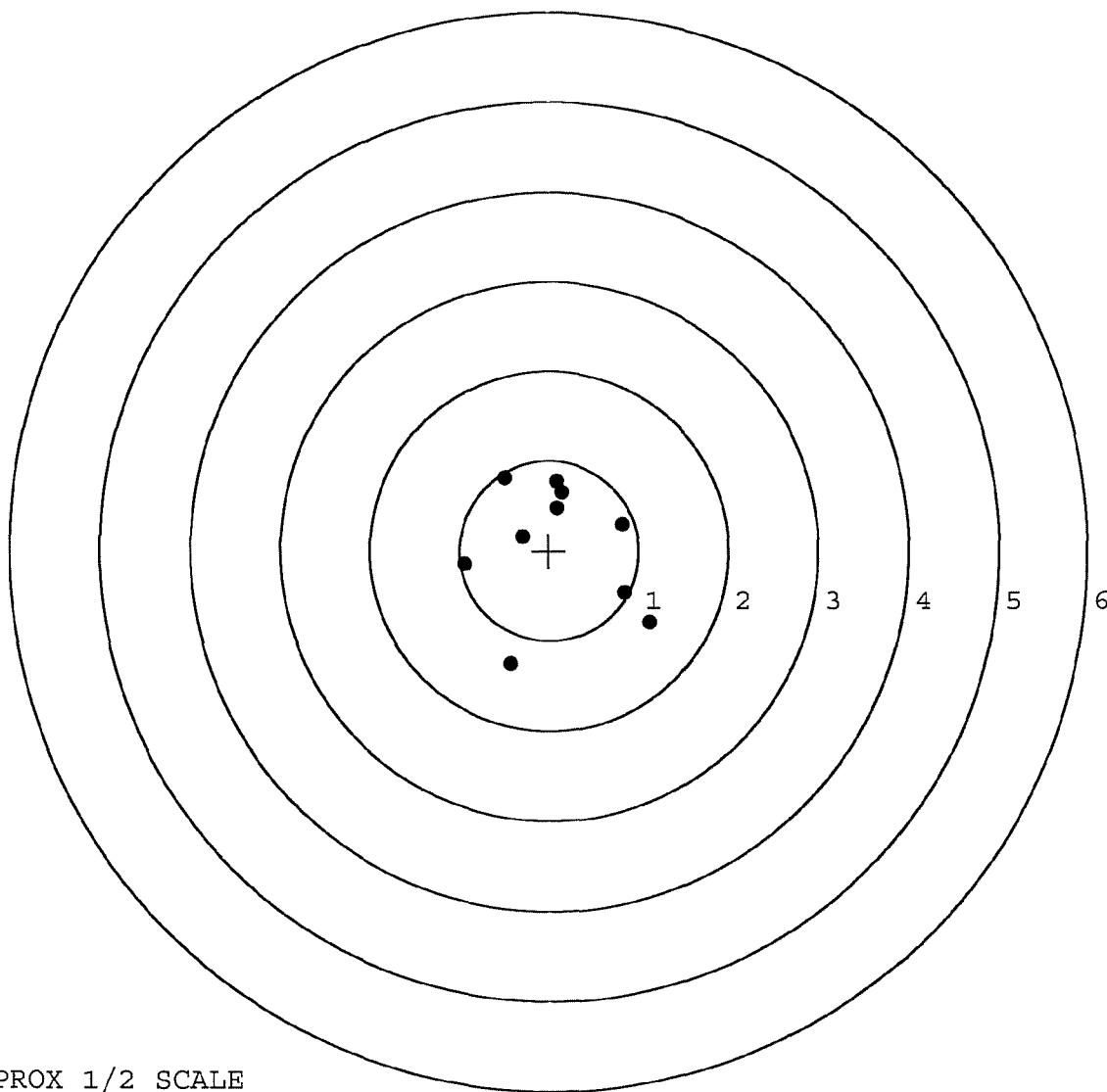
MAX RADIUS: 1.414

MEAN RADIUS: 0.860

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R &amp; E NUMBER

131882

SERIAL NUMBER

06225243

LOG-IN DATE

7-30-07

| OPERATION # | OPERATION NAME       | DATE                             | INITIAL |
|-------------|----------------------|----------------------------------|---------|
| 500         | DIS-ASSEMBLE GUN     | 8-29-07                          | RTZ     |
| 505         | RE-BARREL            | 9-14-07                          | RTZ     |
| 560         | ASSEMBLE             | 9-14-07                          | RTZ     |
| 600         | PROOF                | 9-14-07                          | non     |
| 605         | CHECK HEADSPACE      | 9-14-07                          | non     |
| 610         | DIS-ASSEMBLE GUN     | 9-17-07                          | TRW     |
| 612         | MAGNAFLUX            | 9-18-07                          | NRB     |
| 510         | DRILL AND TAP        | 9-17-07                          | TRW     |
| 615         | ROLLMARK CALIBER     | 9-17-07                          | CW      |
| 618         | ROTO-BLAST           | 9-18-07                          | LC      |
| 620         | APPLY COATINGS       | 9-21-07                          | BS      |
| 625         | FINAL ASSEMBLY       | 9-27-07                          | RTZ     |
| 640         | FUNCTION TEST AND    | 9-28-07                          | non     |
| 650         | TARGET               | 9-28-07                          | non     |
|             | MALFUNCTION          | CORRECTION                       |         |
|             | MALFUNCTION          | CORRECTION                       |         |
|             | MALFUNCTION          | CORRECTION                       |         |
|             | MALFUNCTION          | CORRECTION                       |         |
| 670         | FINAL INSPECTION     | 9-28-07                          | SD      |
|             | A) HEADSPACE         | 10/3/07                          | non     |
|             |                      | 10/2/07                          | non     |
|             | B) TRIGGER PULL      | 2.69 2.19 2.39 2.17 2.37 10/1/07 | non     |
|             |                      |                                  |         |
| 680         | F) SAFETY ON FORCE   | 4.75 5.25 4.75 10/6/07           | non     |
|             | G) SAFETY OFF FORCE  | 5.0 5.0 5.75 10/6/07             | non     |
|             | I) FIRING PIN INDENT | .022 .022 .022 10/6/07           | non     |
| 690         | PACK                 | 10-4-07                          | RA      |

MAGNA FLUX

SEP 18 2007

OPERATOR

PASS

FAIL

PASS

FAIL

N/A

PASS

FAIL

+/- .5 LBS  
MIN 2.50 LBS  
MAX 4.0 LBS2 LBS MIN  
10 LBS MAX2 LBS  
MIN

.020