

C6225103

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5716

\*Includes 1 in chamber.

*Remington*

## Repair Inquiry

Repair Number: RE00142399

Serial: C6225103 Model M24 SWS Center Fire  
Caliber: 7.62 NATO Produced: 12/20/1988

Repairman:

Verify Repair

Status:

Closed 3/3/2008 3:02:18 PM

## Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name:

Address 1:

Address 2:

PO Box:

City: FORT BRAGG

FORT BRAGG

State: NC

Zip Code: 28310

Country: US

State: NC

Zip Code: 28310

Country: US

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   |
| A008 | With Swivel           | 3   |
| A010 | Hard Case             | 1   |
| A017 | Scope Base            | 1   |
| A045 | Bi Pod                | 1   |
| A057 | Fit and Rear Sgt Base | 1   |

Repair Search

Refresh

Close

naglej

3/4/2008

9:16 AM

CAPS

NUM

Hstart

5M

Inb...

4M

Par...

Ar...

25

MV

Serial Number:

C6225103

Model: M24 SWS



RE00142399



M2400049000

DD FORM 1348-1A, JUL 1991  
ISSUE RELEASE/RECEIPT DOCUMENT

APD PE yI

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225103.\_\_\_0  
FILE DATE AND TIME: 04/08/2008 14:25

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.133 |
| The Average Y Centroid of the Five Target Set:              | -0.032 |
| The Average Point of Impact of the Five Target Set:         | 0.136  |
| The Average Mean Radius of the Five Target Set:             | 0.615  |
| The Distance from POA to Centroid Target #1:                | 0.199  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.395  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.116  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.172  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.096  |

SERIAL NUMBER: C6225103. \_\_0

TARGET NUMBER: 1

FILE DATE: 04/08/2008

FILE TIME: 14:25

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.821 | 0.983  |
| 2:     | -0.116 | 0.795  |
| 3:     | -0.988 | 0.518  |
| 4:     | -0.217 | 0.008  |
| 5:     | 0.030  | -0.327 |
| 6:     | 0.615  | 0.148  |
| 7:     | -0.634 | -0.617 |
| 8:     | 0.808  | -0.572 |
| 9:     | 0.432  | -0.919 |
| 10:    | -0.448 | -1.493 |

X CENTROID: -0.134

Y CENTROID: -0.148

POA TO CENTROID: 0.199

HORZ SPREAD: 1.796

VERT SPREAD: 2.476

GROUP SPREAD: 2.504

MIN RADIUS: 0.176

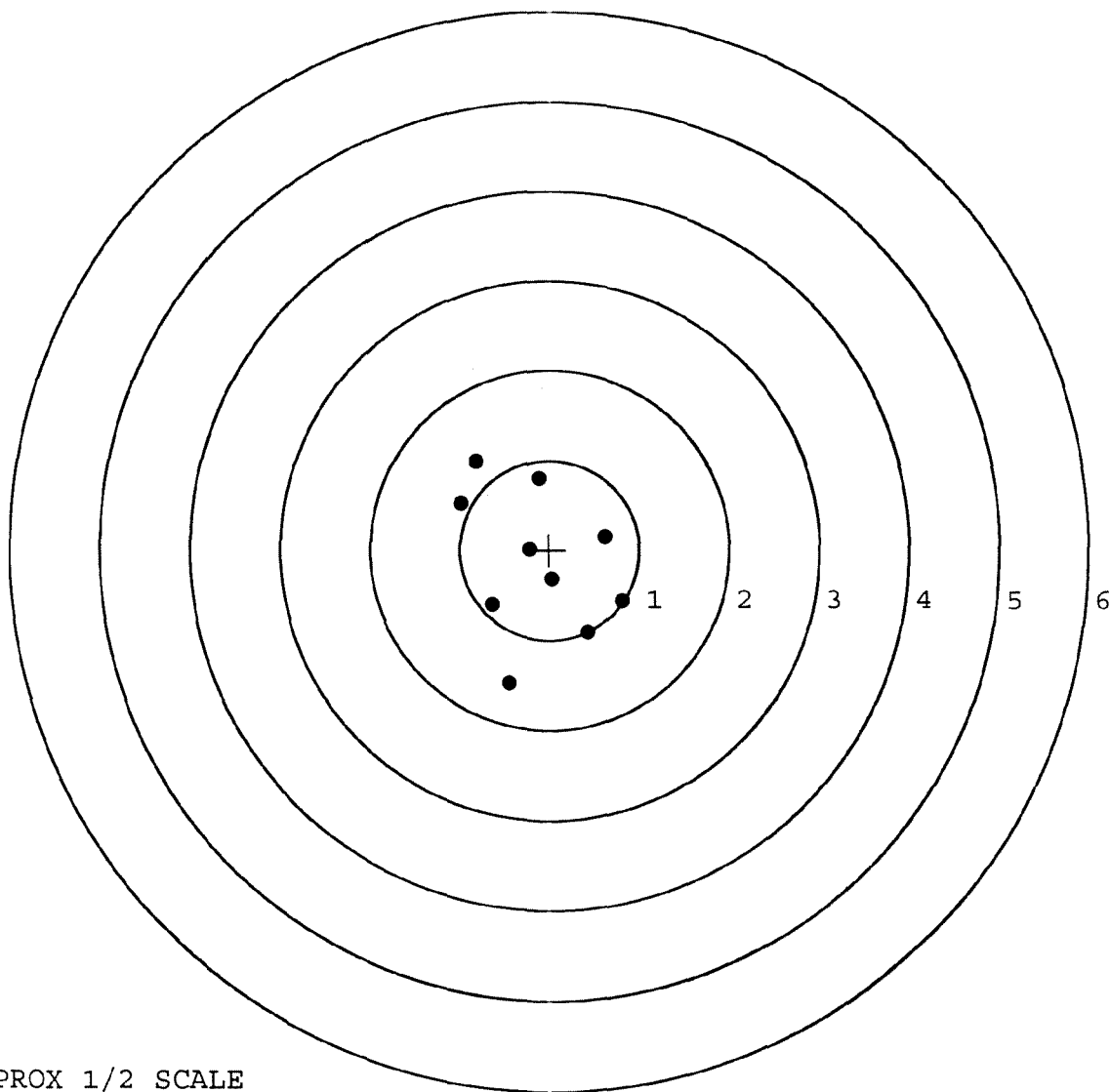
MAX RADIUS: 1.382

MEAN RADIUS: 0.863

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225103. \_\_0

TARGET NUMBER: 2

FILE DATE: 04/08/2008

FILE TIME: 14:25

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.002  | 0.003  |
| 2:     | 0.012  | 0.003  |
| 3:     | -0.457 | 0.672  |
| 4:     | -0.459 | 0.672  |
| 5:     | 0.095  | 0.316  |
| 6:     | -0.107 | 0.277  |
| 7:     | -0.252 | -0.130 |
| 8:     | -0.497 | 0.007  |
| 9:     | -0.617 | -0.321 |
| 10:    | -1.368 | 0.229  |

X CENTROID: -0.365

Y CENTROID: 0.173

POA TO CENTROID: 0.404

HORZ SPREAD: 1.463

VERT SPREAD: 0.993

GROUP SPREAD: 1.466

MIN RADIUS: 0.212

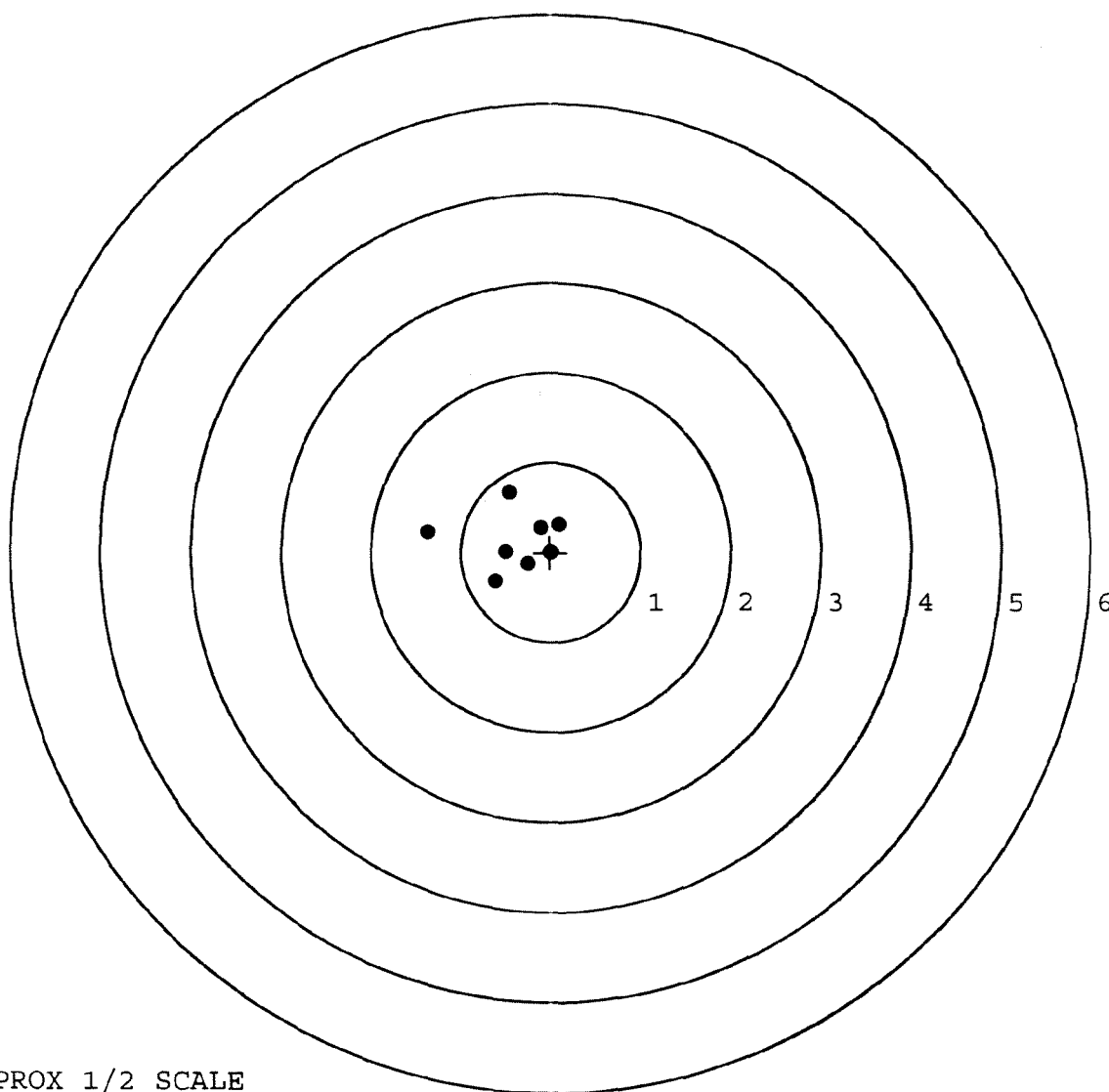
MAX RADIUS: 1.005

MEAN RADIUS: 0.469

# IN 1 IN DIAMETER: 6

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

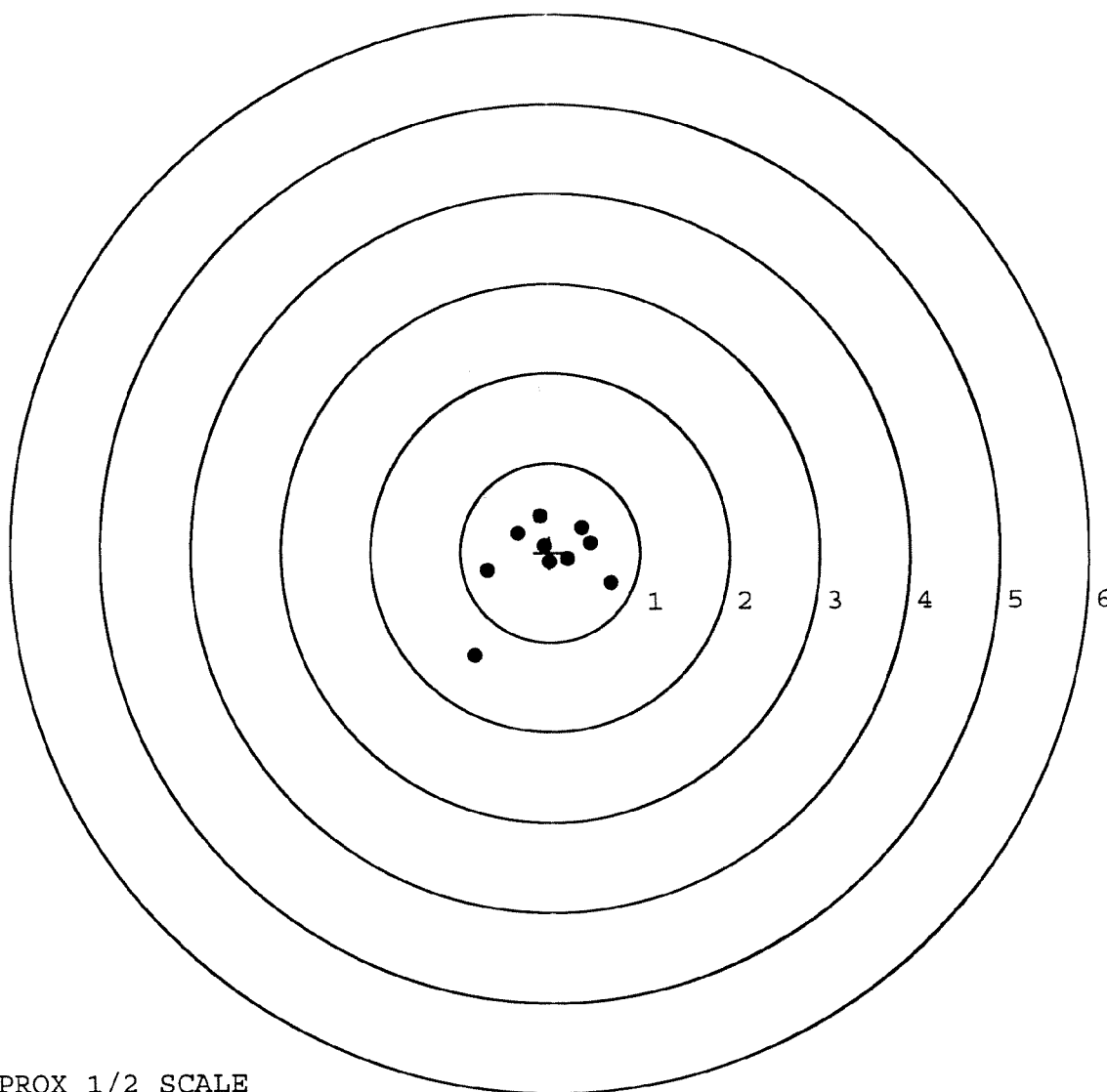


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225103. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 04/08/2008  
FILE TIME: 14:25

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.108 | 0.412  |
| 2:     | -0.355 | 0.216  |
| 3:     | -0.064 | 0.075  |
| 4:     | 0.194  | -0.076 |
| 5:     | -0.013 | -0.110 |
| 6:     | 0.357  | 0.283  |
| 7:     | 0.451  | 0.109  |
| 8:     | 0.679  | -0.346 |
| 9:     | -0.699 | -0.202 |
| 10:    | -0.843 | -1.154 |

X CENTROID: -0.040  
Y CENTROID: -0.079  
POA TO CENTROID: 0.089  
HORZ SPREAD: 1.522  
VERT SPREAD: 1.566  
GROUP SPREAD: 1.872  
MIN RADIUS: 0.041  
MAX RADIUS: 1.342  
MEAN RADIUS: 0.520  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

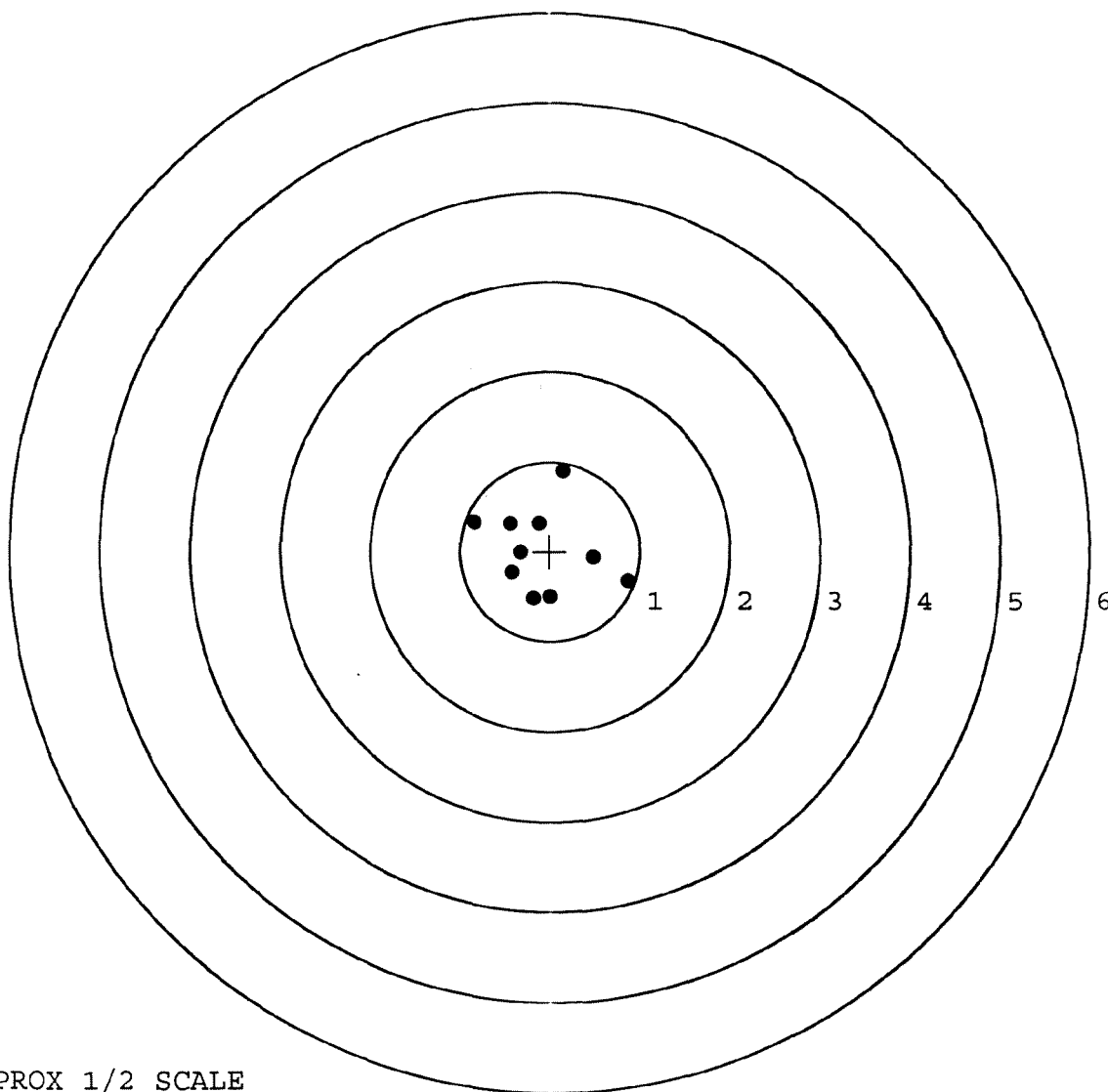


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225103. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 04/08/2008  
FILE TIME: 14:25

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.149  | 0.894  |
| 2:     | -0.125 | 0.314  |
| 3:     | -0.442 | 0.314  |
| 4:     | -0.843 | 0.330  |
| 5:     | -0.320 | -0.011 |
| 6:     | -0.423 | -0.238 |
| 7:     | -0.185 | -0.527 |
| 8:     | 0.001  | -0.510 |
| 9:     | 0.482  | -0.066 |
| 10:    | 0.869  | -0.328 |

X CENTROID: -0.084  
Y CENTROID: 0.017  
POA TO CENTROID: 0.085  
HORZ SPREAD: 1.712  
VERT SPREAD: 1.421  
GROUP SPREAD: 1.834  
MIN RADIUS: 0.238  
MAX RADIUS: 1.013  
MEAN RADIUS: 0.583  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225103. 0

TARGET NUMBER: 5

FILE DATE: 04/08/2008

FILE TIME: 14:25

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

|    |       |       |
|----|-------|-------|
| 1: | 0.154 | 0.899 |
|----|-------|-------|

|    |       |       |
|----|-------|-------|
| 2: | 0.409 | 1.009 |
|----|-------|-------|

|    |       |       |
|----|-------|-------|
| 3: | 0.183 | 0.201 |
|----|-------|-------|

|    |        |       |
|----|--------|-------|
| 4: | -0.374 | 0.130 |
|----|--------|-------|

|    |       |        |
|----|-------|--------|
| 5: | 0.299 | -0.274 |
|----|-------|--------|

|    |       |        |
|----|-------|--------|
| 6: | 0.157 | -0.638 |
|----|-------|--------|

|    |        |        |
|----|--------|--------|
| 7: | -0.269 | -0.258 |
|----|--------|--------|

|    |        |        |
|----|--------|--------|
| 8: | -0.392 | -0.637 |
|----|--------|--------|

|    |        |        |
|----|--------|--------|
| 9: | -0.030 | -0.457 |
|----|--------|--------|

|     |        |        |
|-----|--------|--------|
| 10: | -0.546 | -1.200 |
|-----|--------|--------|

X CENTROID: -0.041

Y CENTROID: -0.122

POA TO CENTROID: 0.129

HORZ SPREAD: 0.955

VERT SPREAD: 2.209

GROUP SPREAD: 2.407

MIN RADIUS: 0.265

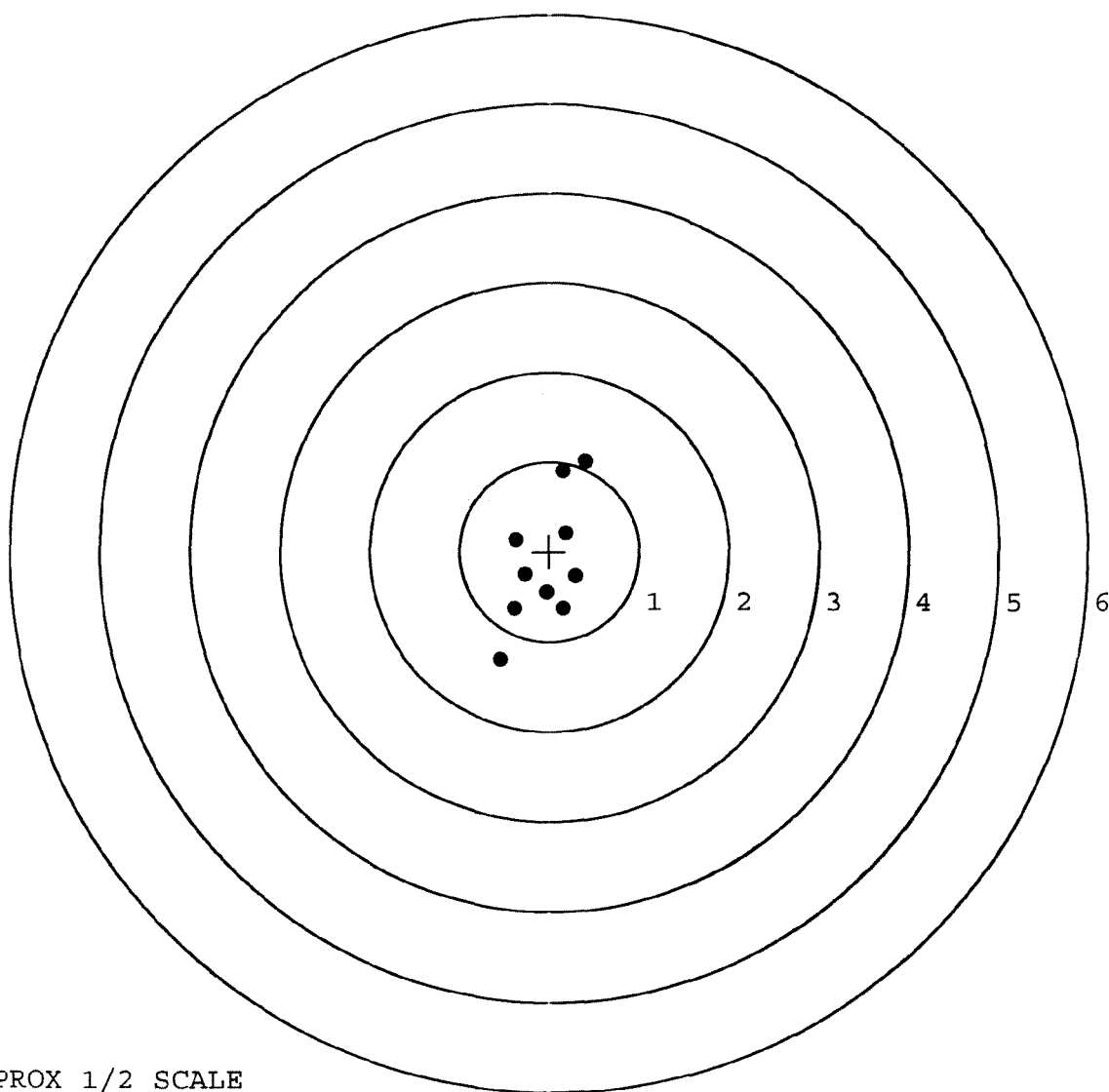
MAX RADIUS: 1.218

MEAN RADIUS: 0.641

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**M-24 INSPECTION CHECKLIST**  
**CONTRACT #: DAAE-20-02-C-0149**

| R & E NUMBER  |                      | 00142399                                                                                                                                                               |                                    |
|---------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| SERIAL NUMBER |                      | C6225103                                                                                                                                                               |                                    |
| LOG-IN DATE   |                      | 3-3-08                                                                                                                                                                 |                                    |
| OPERATION #   | OPERATION NAME       | DATE                                                                                                                                                                   | INITIAL                            |
| 500           | DIS-ASSEMBLE GUN     | 3-11-08                                                                                                                                                                | SPD                                |
| 505           | RE-BARREL            | 3-12-08                                                                                                                                                                | SPD                                |
| 560           | ASSEMBLE             | 3-12-08                                                                                                                                                                | SPD                                |
| 600           | PROOF                | 3-13-08                                                                                                                                                                | TRW                                |
| 605           | CHECK HEADSPACE      | 3-13-08                                                                                                                                                                | TRW                                |
| 610           | DIS-ASSEMBLE GUN     | 3-13-08                                                                                                                                                                | SPD                                |
| 612           | MAGNAFLUX            | 3-14-08                                                                                                                                                                | WMB                                |
| 510           | DRILL AND TAP        | 3-13-08                                                                                                                                                                | Fm                                 |
| 615           | ROLLMARK CALIBER     | 3-13-08                                                                                                                                                                | CW                                 |
| 618           | ROTO-BLAST           | 3-14-08                                                                                                                                                                | DS                                 |
| 620           | APPLY COATINGS       | 3-14-08                                                                                                                                                                | cto                                |
| 625           | FINAL ASSEMBLY       | 3-14-08                                                                                                                                                                | RTZ                                |
| 640           | FUNCTION TEST AND    | PASS FAIL                                                                                                                                                              | 4-8-08 TRW                         |
| 650           | TARGET               | PASS FAIL                                                                                                                                                              | 4-8-08 TRW                         |
|               | MALFUNCTION          | CORRECTION                                                                                                                                                             |                                    |
|               | MALFUNCTION          | CORRECTION                                                                                                                                                             |                                    |
|               | MALFUNCTION          | CORRECTION                                                                                                                                                             |                                    |
|               | MALFUNCTION          | CORRECTION                                                                                                                                                             | 4-8-08 SD                          |
| 670           | FINAL INSPECTION     |                                                                                                                                                                        |                                    |
|               | A) HEADSPACE         | PASS FAIL                                                                                                                                                              | 4/8/08 Fm                          |
|               | B) TRIGGER PULL      | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           +/- .5 LBS<br/>           MIN 2.50 LBS<br/>           MAX 4.0 LBS         </div> | 2.45 2.43 2.48 2.58 2.54 4/8/08 Fm |
| 680           | F) SAFETY ON FORCE   | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           2 LBS MIN<br/>           10 LBS MAX         </div>                               | 4- 4- 4- 4/8/08 Fm                 |
|               | G) SAFETY OFF FORCE  | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           2 LBS<br/>           MIN         </div>                                          | 3.5 3 3 4/8/08 Fm                  |
|               | I) FIRING PIN INDENT | .020                                                                                                                                                                   | .020 .021 .020 4/8/08 Fm           |
| 690           | PACK                 |                                                                                                                                                                        | 4/10/08 Fm                         |

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225103

| OP. #        | OP. NAME                                                       | READINGS | DATE     | INITIAL |
|--------------|----------------------------------------------------------------|----------|----------|---------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 9 12     | 8 8      | FB      |
| 600          | Proof                                                          | 9 19     | 8 8      | RW      |
| 607          | Check Headspace                                                | 9 19     | 8 8      | RW      |
| 610          | Dis-assemble Gun                                               | 9 19     | 8 8      | RW      |
| 612          | Magnaflux Barrel<br>Action                                     |          | 9-22-88  | P/c.    |
|              | Magnaflux Bolt                                                 |          | 9-22-88  | P/c.    |
| 615          | Rollmark Caliber                                               |          |          |         |
| 617          | Drill and Tap Sight Holes                                      |          |          |         |
| 618          | Polish Barrel                                                  |          |          |         |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 10-31-88 | TJA     |
|              | Apply Coating (Bolt)                                           |          | 10-31-88 | TJA     |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 11/15/88 | RW      |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 11/15/88 | RW      |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 11/15/88 | RW      |
|              | D) Oil Firing Pin Ass'y                                        |          | 11/15/88 | RW      |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 11-16-88 | QDS     |

| op. #        | OP. NAME                                                    | READINGS |      |       |      |      | DATE      | INITIAL |
|--------------|-------------------------------------------------------------|----------|------|-------|------|------|-----------|---------|
| 625<br>cont. | F) Safety On Force                                          | 5        | 5    | 5     |      |      | 17 Nov 88 | JS      |
|              | G) Safety Off Force                                         | 3        | 3    | 3     |      |      | 17 Nov 88 | JS      |
|              | H) Trigger Pull Test & Retainability                        |          |      |       |      |      | 16 Nov 88 | JS      |
|              | I) Firing Pin Indent                                        | .020     | .020 | .0205 |      |      | 17 Nov 88 | JS      |
|              | J) Assemble Stock                                           |          |      |       |      |      | 11/17/88  | RW      |
|              | K) Assemble Swivel Studs                                    |          |      |       |      |      | 1 Dec 88  | JD      |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |       |      |      | 11/17/88  | RW      |
|              | M) Iron Sight Alignment                                     |          |      |       |      |      | 11/17/88  | RW      |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |       |      |      | 11/17/88  | RW      |
|              | O) Attach Scope to Rifle                                    |          |      |       |      |      | 11/18/88  | WB      |
|              | P) Detach & Attach Scope 20 Times                           |          |      |       |      |      | 11/18/88  | WB      |
| 640          | Gallery Target & Test                                       | 60 R     | 93 L |       |      |      | 11/29/88  | DH      |
|              | A) Time                                                     |          |      |       |      |      |           |         |
|              | B) Malfunctions                                             |          |      |       |      |      |           |         |
|              | C) Pierced Primers                                          |          |      |       |      |      |           |         |
|              | D) Optical Clarity of Scope                                 |          |      |       |      |      | 11/29/88  | DH      |
| 645          | Inspect for Live Ammo                                       |          |      |       |      |      | 11/29/88  | DH      |
| 655          | Final Inspection                                            |          |      |       |      |      |           |         |
|              | A) Headspace                                                |          |      |       |      |      | 1 Dec 88  | JS      |
|              | B) Trigger Pull                                             | 2.62     | 2.49 | 2.51  | 2.54 | 2.52 | 1 Dec 88  | JS      |
|              | C) Function                                                 |          |      |       |      |      | 1 Dec 88  | JS      |
| 660          | Pack                                                        |          |      |       |      |      | 14 Dec 88 | JS      |

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS  
2.50# + .50#  
3.00# + .75#  
4.00# + 1.00#

SERIAL NO. C6225103  
DATE 16 Nov 88  
TESTER JSJ

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-------|------------------------------------------------------------------------|
| PULL #1 | 2.32             | 2.38                     | 2.46                           | 2.62  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.28             | 2.33                     | 2.37                           | 2.49  |                                                                        |
| PULL #3 | 2.34             | 2.34                     | 2.44                           | 2.51  |                                                                        |
| PULL #4 | 2.17             | 2.32                     | 2.43                           | 2.54  |                                                                        |
| PULL #5 | 2.41             | 2.38                     | 2.46                           | 2.52  |                                                                        |
| TOTAL   | 11.52            | 11.75                    | 12.16                          | 12.68 |                                                                        |
| AVG.    | 2.304            | 2.35                     | 2.432                          | 2.536 |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.16             | 3.16                     |  |          |
| PULL #2 | 3.16             | 3.03                     |  |          |
| PULL #3 | 3.15             | 3.17                     |  |          |
| PULL #4 | 3.15             | 3.20                     |  |          |
| PULL #5 | 3.14             | 3.15                     |  |          |
| TOTAL   | 15.76            | 15.71                    |  |          |
| AVG.    | 3.152            | 3.142                    |  |          |

|         | 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 | 4.24             | 4.31                     |                                | 4.18                                 |
| PULL #2 | 4.40             | 4.21                     |                                | 4.22                                 |
| PULL #3 | 4.34             | 4.16                     |                                | 4.24                                 |
| PULL #4 | 4.33             | 4.23                     |                                | 4.27                                 |
| PULL #5 | 4.39             | 4.26                     |                                | 4.26                                 |
| TOTAL   | 21.65            | 21.17                    |                                | 21.17                                |
| AVG.    | 4.33             | 4.234                    |                                | 4.234                                |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6225103

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .375899 |
| 1 TO | 2 | .837001 |
| 1 TO | 3 | .476669 |
| 1 TO | 4 | .286002 |
| 1 TO | 5 | .476105 |

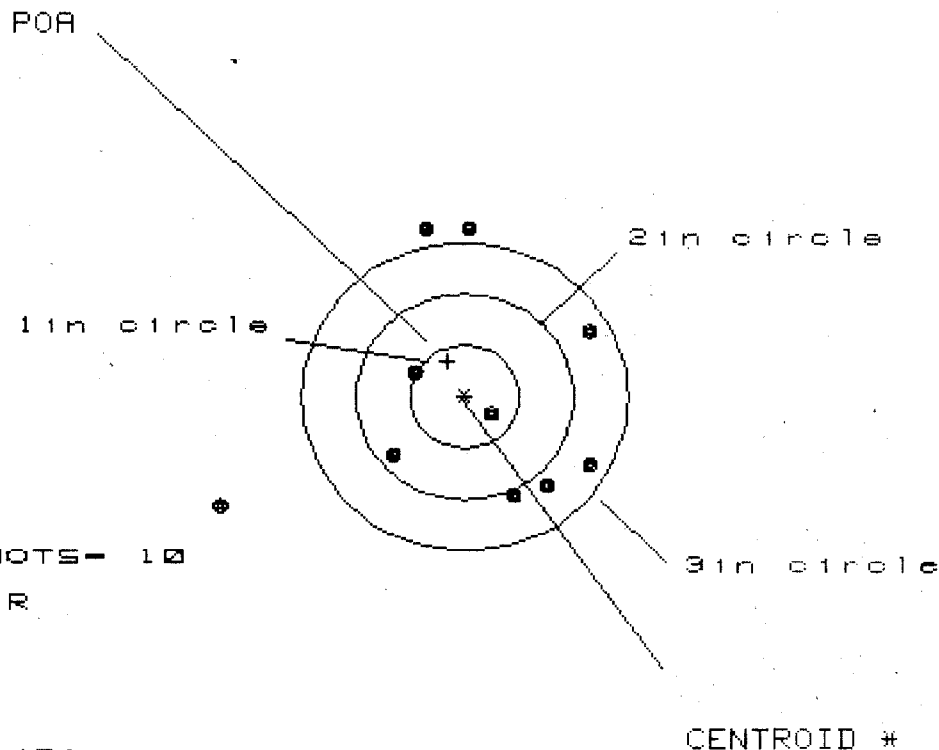
$\frac{1}{5} \sum_{i=1}^5 x_i^2$  <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4474  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.4758  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .65311  
THE AMR FOR THIS RIFLE IS: 1.027

29 May 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/06225103

# CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 3

3in = 7

HS= 3.471

VS= 2.719

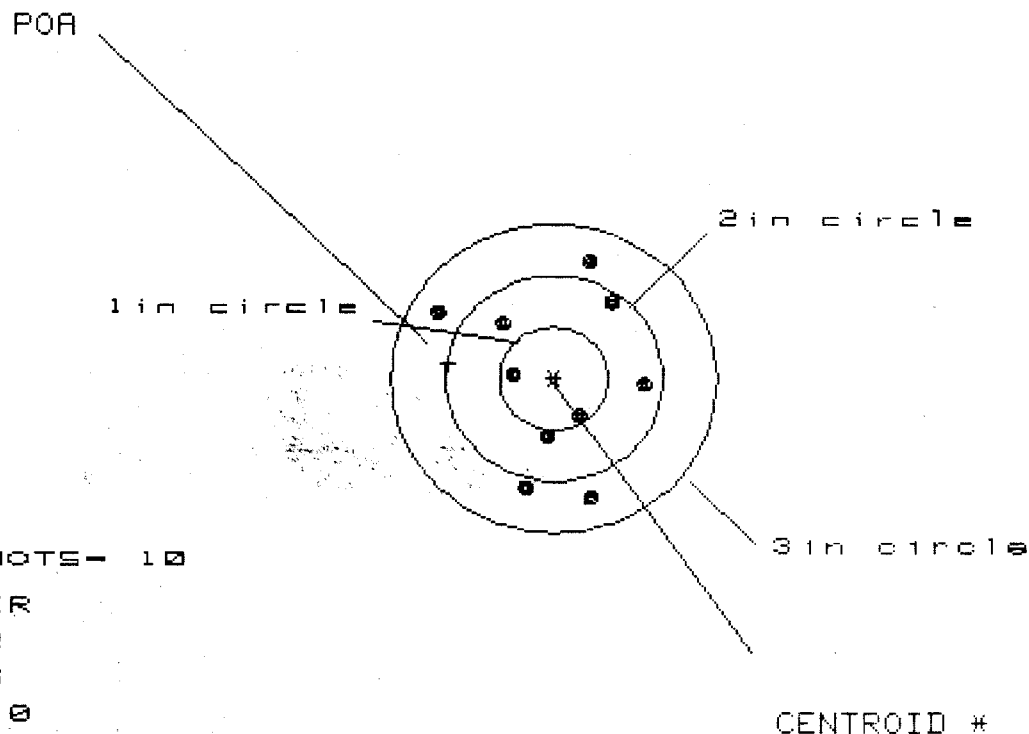
GS= 3.849

| PATTERN #                     | 1      | 9      | 8     |
|-------------------------------|--------|--------|-------|
| SHOTS (BEST OF)               | 10     | 9      | 8     |
| MAXIMUM X                     | 1.172  | .916   | .844  |
| MINIMUM X                     | -2.299 | -.916  | -.988 |
| MAXIMUM Y                     | 1.670  | 1.554  | 1.745 |
| MINIMUM Y                     | -1.049 | -1.038 | -.847 |
| CENTROID X                    | .156   | .412   | .484  |
| CENTROID Y                    | -.342  | -.226  | -.417 |
| POA TO CENTROID in.           | .376   | .470   | .639  |
| MIN RADIUS                    | .311   | .311   | .147  |
| MEAN RADIUS                   | 1.235  | 1.079  | .957  |
| MAX RADIUS                    | 2.527  | 1.638  | 1.770 |
| HORIZONTAL SPREAD             | 3.471  | 1.832  | 1.832 |
| VERTICAL SPREAD               | 2.719  | 2.592  | 2.592 |
| EXTREME SPREAD                | 3.849  | 2.695  | 2.632 |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |       |
| NUMBER IN TWO INCH CIRCLE =   | 3      |        |       |
| NUMBER IN THREE INCH CIRCLE = | 7      |        |       |

29 Nov 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/06225103

# CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 1.981

VS= 2.371

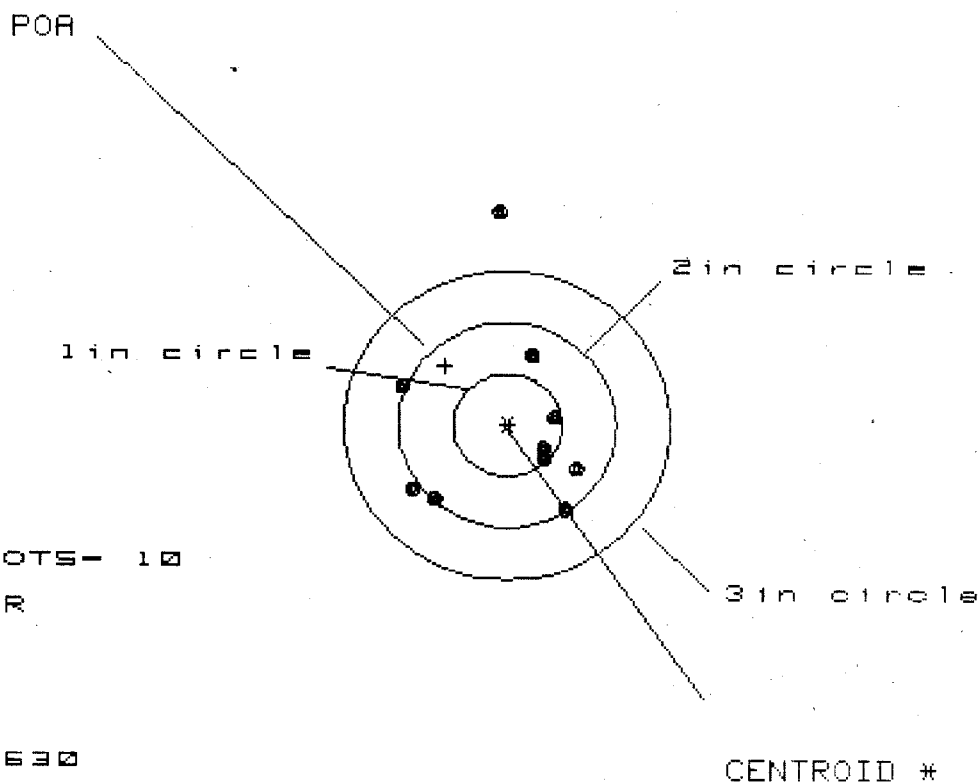
GS= 2.371

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 2      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | .873   | .750   | .777   |
| MINIMUM X                   | : | -1.108 | -.637  | -.610  |
| MAXIMUM Y                   | : | 1.171  | 1.241  | 1.100  |
| MINIMUM Y                   | : | -1.200 | -1.130 | -1.158 |
| CENTROID X                  | : | .969   | 1.092  | 1.065  |
| CENTROID Y                  | : | -.143  | -.212  | -.071  |
| POA TO CENTROID in.         | : | .980   | 1.113  | 1.068  |
| MIN RADIUS                  | : | .357   | .297   | .441   |
| MEAN RADIUS                 | : | .883   | .830   | .792   |
| MAX RADIUS                  | : | 1.275  | 1.264  | 1.201  |
| HORIZONTAL SPREAD           | : | 1.981  | 1.387  | 1.387  |
| VERTICAL SPREAD             | : | 2.371  | 2.371  | 2.258  |
| EXTREME SPREAD              | : | 2.371  | 2.371  | 2.333  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |        |

29 Nov 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/06225103

# CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1in = 3

2in = 6

3in = 9

HS= 1.630

VS= 2.913

GS= 2.974

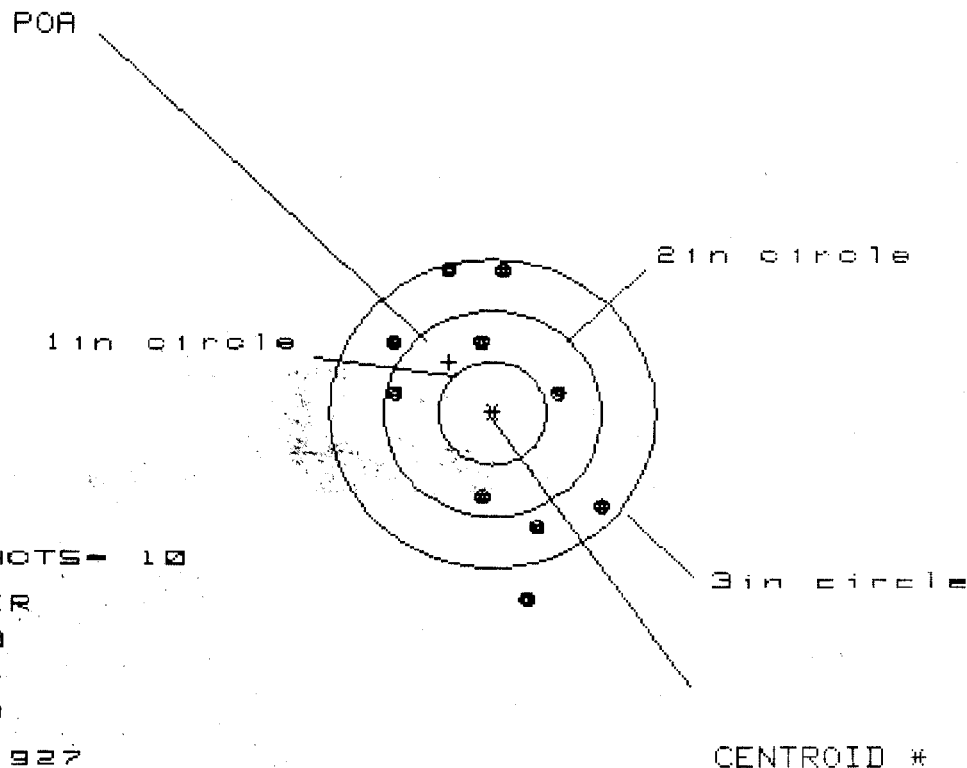
CENTROID #

| PATTERN #                     | 1     | 3     | 8      |
|-------------------------------|-------|-------|--------|
| SHOTS (BEST OF)               | 10    | 9     | 8      |
| MAXIMUM X                     | .665  | .658  | .547   |
| MINIMUM X                     | -.965 | -.972 | -1.083 |
| MAXIMUM Y                     | 2.072 | .940  | .886   |
| MINIMUM Y                     | -.841 | -.611 | -.665  |
| CENTROID X                    | .569  | .576  | .687   |
| CENTROID Y                    | -.580 | -.810 | -.756  |
| POA TO CENTROID in.           | .812  | .995  | 1.022  |
| MIN RADIUS                    | .412  | .357  | .268   |
| MEAN RADIUS                   | .907  | .739  | .672   |
| MAX RADIUS                    | 2.073 | 1.146 | 1.215  |
| HORIZONTAL SPREAD             | 1.630 | 1.630 | 1.630  |
| VERTICAL SPREAD               | 2.913 | 1.551 | 1.551  |
| EXTREME SPREAD                | 2.974 | 1.927 | 1.927  |
| NUMBER IN ONE INCH CIRCLE =   |       | 3     |        |
| NUMBER IN TWO INCH CIRCLE =   |       | 6     |        |
| NUMBER IN THREE INCH CIRCLE = |       | 9     |        |

29 May 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C6225103

# CENTERFIRE PATTERNS # 4



# OF SHOTS - 10

# IN CIR

1in = 0

2in = 4

3in = 9

HS = 1.927

VS = 3.239

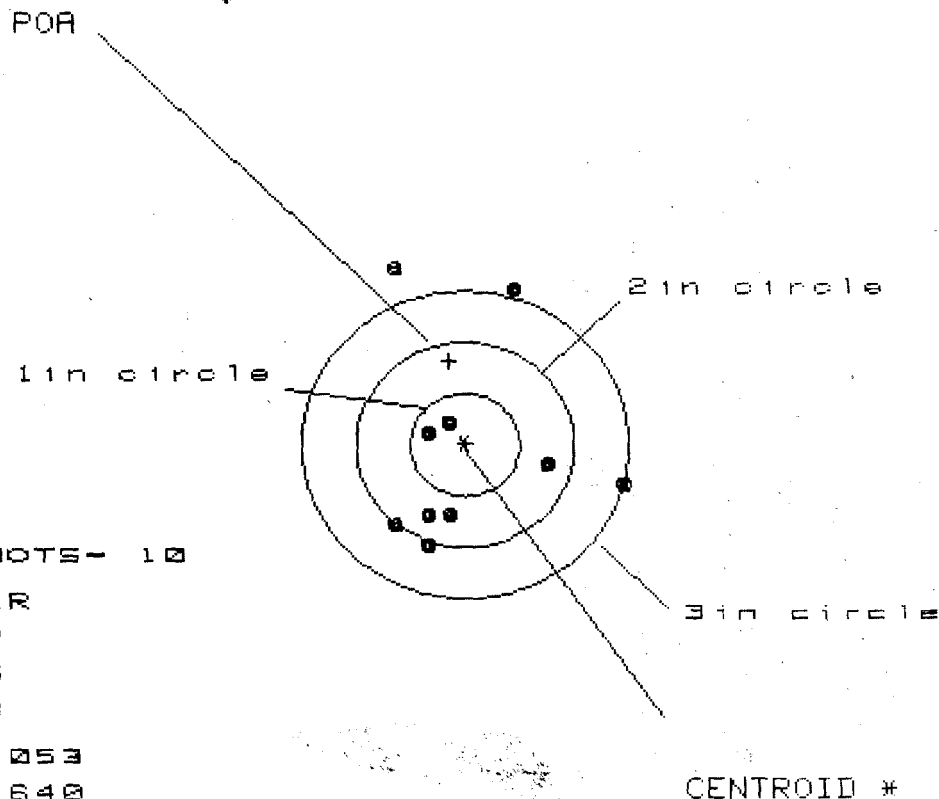
GS = 3.263

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 4      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.035  | 1.067  | 1.018  |
| MINIMUM X                   | : | -.892  | -.860  | -.909  |
| MAXIMUM Y                   | : | 1.421  | 1.219  | 1.365  |
| MINIMUM Y                   | : | -1.818 | -1.290 | -1.144 |
| CENTROID X                  | : | .397   | .365   | .414   |
| CENTROID Y                  | : | -.496  | -.294  | -.440  |
| POA TO CENTROID in.         | : | .636   | .469   | .604   |
| MIN RADIUS                  | : | .611   | .485   | .575   |
| MEAN RADIUS                 | : | 1.140  | 1.034  | 1.012  |
| MAX RADIUS                  | : | 1.840  | 1.529  | 1.392  |
| HORIZONTAL SPREAD           | : | 1.927  | 1.927  | 1.927  |
| VERTICAL SPREAD             | : | 3.239  | 2.509  | 2.509  |
| EXTREME SPREAD              | : | 3.263  | 2.689  | 2.534  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 0      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

29 Nov 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C6225183

# CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.053

VS= 2.640

GS= 2.901

| PATTERN #                     | 5     | 9      | 8      |
|-------------------------------|-------|--------|--------|
| SHOTS (BEST OF)               | 10    | 9      | 8      |
| MAXIMUM X                     | 1.417 | 1.346  | 1.388  |
| MINIMUM X                     | -.637 | -.706  | -.664  |
| MAXIMUM Y                     | 1.701 | 1.676  | .646   |
| MINIMUM Y                     | -.939 | -.750  | -.540  |
| CENTROID X                    | .146  | .216   | .174   |
| CENTROID Y                    | -.818 | -1.007 | -1.217 |
| POA TO CENTROID in.           | .831  | 1.030  | 1.229  |
| MIN RADIUS                    | .265  | .467   | .381   |
| MEAN RADIUS                   | .972  | .861   | .718   |
| MAX RADIUS                    | 1.816 | 1.710  | 1.389  |
| HORIZONTAL SPREAD             | 2.053 | 2.052  | 2.052  |
| VERTICAL SPREAD               | 2.640 | 2.426  | 1.186  |
| EXTREME SPREAD                | 2.901 | 2.534  | 2.096  |
| NUMBER IN ONE INCH CIRCLE =   | 2     |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 6     |        |        |
| NUMBER IN THREE INCH CIRCLE = | 8     |        |        |



# Final Inspection

S.N. C6225103

DATE REC'D: 9-26-00

DATE RET'D:

AUDITOR: RW

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-250

☒ 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:

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

|                     |                          |           |         |
|---------------------|--------------------------|-----------|---------|
| R & E NUMBER        |                          | 14557     |         |
| SERIAL NUMBER       |                          | C6225103  |         |
| LOG-IN DATE         |                          | 9-26-00   |         |
| INSPECT AND VERIFY: |                          |           |         |
| OPERATION #         | OPERATION NAME           | DATE      | INITIAL |
| 550                 | DIS-ASSEMBLE GUN         | 9-28-00   | CK      |
| 560 A               | RE-BARREL AT CUSTOM SHOP |           |         |
| B                   | DRILL AND TAP            |           |         |
| C                   | POLISH                   |           |         |
| 575                 | ASSEMBLE                 |           |         |
| 600                 | PROOF                    | 10-3-00   | RW      |
| 605                 | CHECK HEADSPACE          | 10-3-00   | CK      |
| 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                   | 10-17-00  | RW      |
| 655                 | FINAL INSPECT            | 10-25-00  | CK      |
| 660                 | PACK                     |           |         |
|                     |                          | SHIP DATE |         |
| QAR INSPECTION DATE |                          |           |         |

Remington Test Lab, Ilion, N.Y.

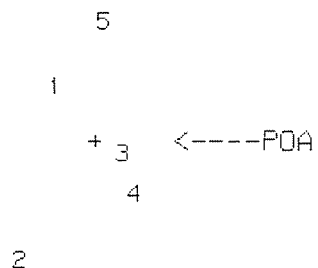
Centroidal distance calculations for Rifle # c6225103  
23 Oct 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0634  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0142  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0649708

THE AMR FOR THIS RIFLE IS: 1.142

# CENTROIDAL DISTANCES

|        |         |
|--------|---------|
| 0 TO 1 | .461183 |
| 1 TO 2 | 1.1816  |
| 1 TO 3 | .642316 |
| 1 TO 4 | .903045 |
| 1 TO 5 | .552001 |

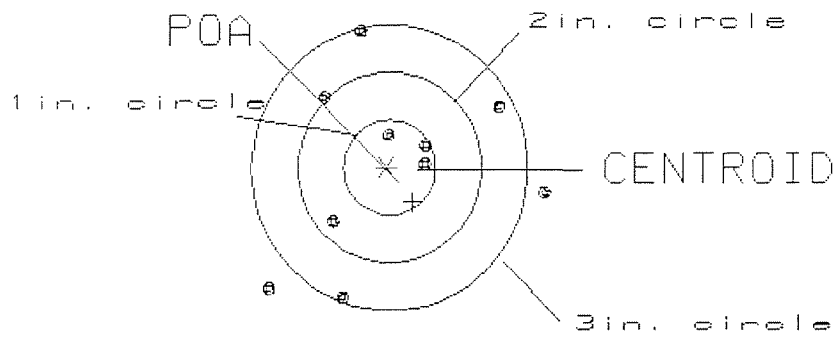


PATTERN #: 1  
 POA TO CENTROID: .461  
 MIN RADIUS : .303  
 MEAN RADIUS : 1.079  
 MAX RADIUS : 1.819  
 CENTROID X : -.287  
 CENTROID Y : .361

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225103

# CENTERFIRE PATTERN # 1



# OF SHOTS= 10

# IN CIRCLE

HS= 3.00

3

VS= 2.79

4

GS= 3.19

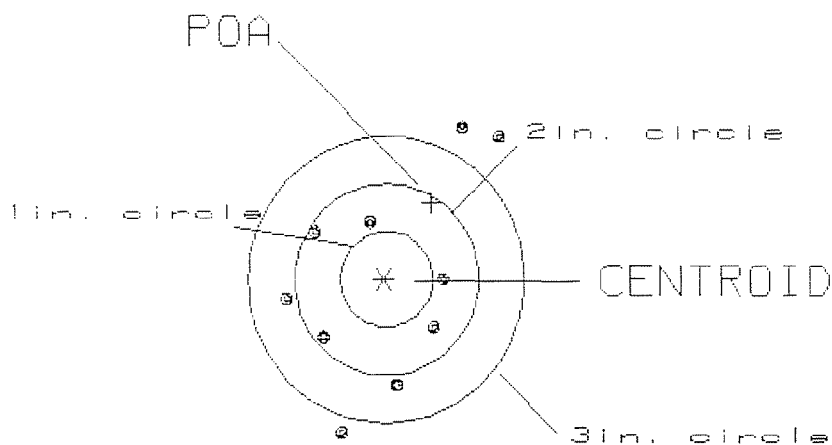
8

PATTERN #: 27  
 POA TO CENTROID: .950  
 MIN RADIUS : .606  
 MEAN RADIUS : 1.160  
 MAX RADIUS : 1.901  
 CENTROID X : -.517  
 CENTROID Y : -.796

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225103

# CENTERFIRE PATTERN # 2



# OF SHOTS= 10

# IN CIRCLE

IS= 2.33  
 VS= 3.25  
 GS= 3.54

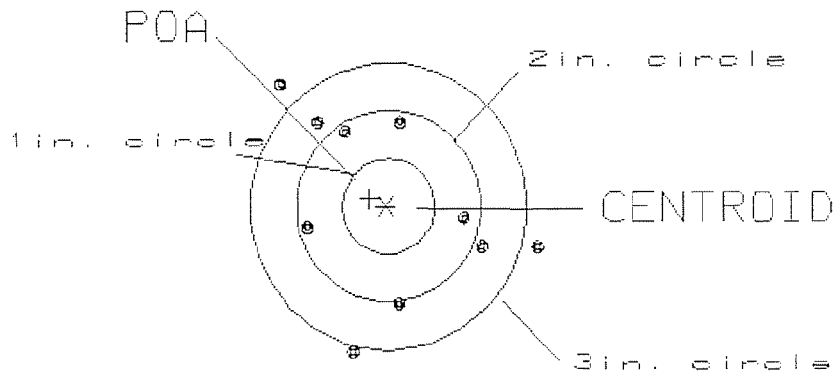
0  
 5  
 7

PATTERN #: 3  
 POA TO CENTROID: .197  
 MIN RADIUS : .836  
 MEAN RADIUS : 1.172  
 MAX RADIUS : 1.703  
 CENTROID X : .180  
 CENTROID Y : -.060

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225103

# CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 2.74  
 US= 2.79  
 GS= 3.22

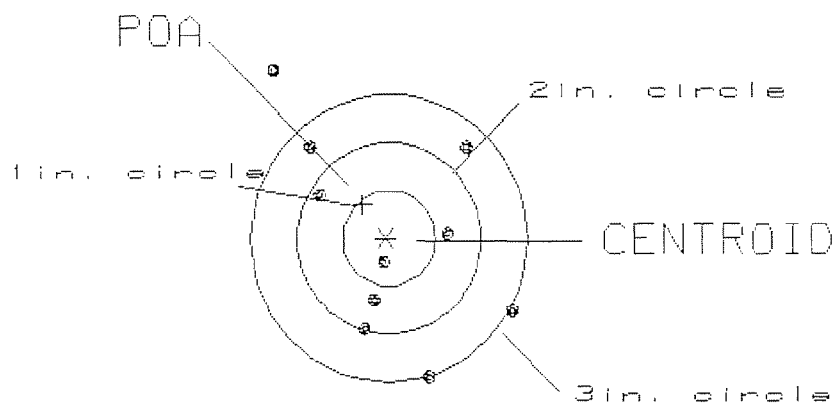
0  
 4  
 7

PATTERN #: 4  
 POA TO CENTROID: .442  
 MIN RADIUS : .244  
 MEAN RADIUS : 1.119  
 MAX RADIUS : 2.144  
 CENTROID X : .262  
 CENTROID Y : -.356

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225103

# CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 2.57  
 US= 3.18  
 GS= 3.61

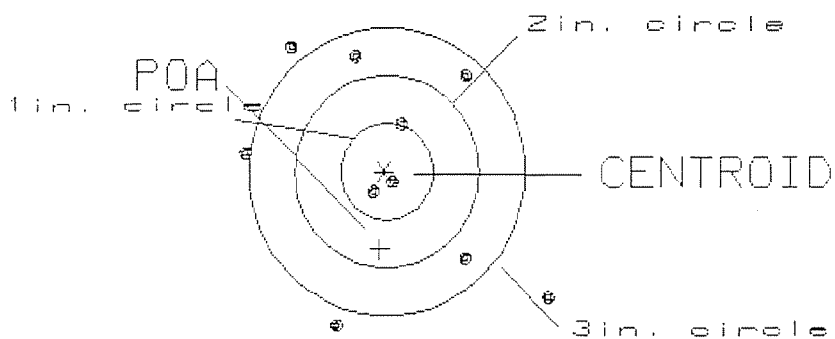
1  
 5  
 7

PATTERN #: 5  
 POA TO CENTROID: .803  
 MIN RADIUS : .170  
 MEAN RADIUS : 1.180  
 MAX RADIUS : 2.148  
 CENTROID X : .045  
 CENTROID Y : .802

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225183

# CENTERFIRE PATTERN # 5



# OF SHOTS= 10

# IN CIRCLE

HS= 3.30

2

US= 2.85

3

GS= 3.76

6