

C6225464

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.





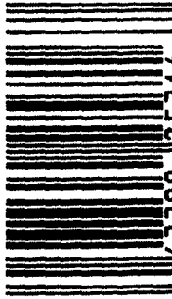

VERY IMPORTANT:  
Instruction Book  
enclosed to assure  
safe use of this  
firearm.

|                                                                                                                                      |                                      |
|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| <b>MODEL 700™ H24</b><br><br><small>MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat &amp; Tm. Off, Marca Registrada Marque Deposee.</small> | <b>SERIAL NO.</b><br><b>C6225464</b> |
|                                                                                                                                      | <b>ORDER NO.</b><br><b>5716</b>      |



5716 C6225464

UPC



0 47700 25716 7



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225464

| OP. #        | OP. NAME                                                       | READINGS | DATE    | INIT |
|--------------|----------------------------------------------------------------|----------|---------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 4 12     | 89      | RW   |
| 600          | Proof                                                          | 4 12     | 89      | RW   |
| 607          | Check Headspace                                                | 4 12     | 89      | RW   |
| 610          | Dis-assemble Gun                                               | 4 12     | 89      | RW   |
| 612          | Magnaflux Barrel<br>Action                                     |          | 4/13/89 | KCR  |
|              | Magnaflux Bolt                                                 |          | 4/14/89 | KCR  |
| 615          | Rollmark Caliber                                               |          | 4/15/89 | GB   |
| 617          | Drill and Tap Sight Holes                                      | 4 14     | 89      | JB   |
| 618          | Polish Barrel RB                                               | 4 14     | 89      | BT   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 4/20/89 | TSA  |
|              | Apply Coating (Bolt)                                           |          |         |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 5/1/89  | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 5/1/89  | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 5/1/89  | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 5/1/89  | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 5/5/89  | WB   |

| op. #        | OP. NAME                                                    | READINGS  |      |        |      | DATE       | INIT      |
|--------------|-------------------------------------------------------------|-----------|------|--------|------|------------|-----------|
| 625<br>cont. | F) Safety On Force                                          | 6         | 6    | 6      |      | 5/5/89     | JL        |
|              | G) Safety Off Force                                         | 3         | 3    | 3      |      | 5/5/89     | JL        |
|              | H) Trigger Pull Test & Retainability                        |           |      |        |      | 5/5/89     | WB        |
|              | I) Firing Pin Indent                                        | .021      | .021 | .020.5 |      | 5/5/89     | JL        |
|              | J) Assemble Stock                                           |           |      |        |      | 5/5/89     | RW        |
|              | K) Assemble Swivel Studs                                    |           |      |        |      | 16 May 89  | JS        |
|              | L) Attach Front and Rear Sight Assemblies                   |           |      |        |      | 5/5/89     | RW        |
|              | M) Iron Sight Alignment                                     |           |      |        |      | 5/5/89     | RW        |
|              | N) Detach Front & Rear Sights & place in numbered container |           |      |        |      | 5/5/89     | RW        |
|              | O) Attach Scope to Rifle                                    |           |      |        |      | 5/5/89     | JL        |
|              | P) Detach & Attach Scope 20 Times                           |           |      |        |      | 5/5/89     | JL        |
| 640          | Gallery Target & Test                                       | PI R 71 L |      |        |      | 5/9/89     | DH        |
|              | A) Time                                                     |           |      |        |      | 5/9/89     | DH        |
|              | B) Malfunctions                                             |           |      |        |      | 5/9/89     | DH        |
|              | C) Pierced Primers                                          |           |      |        |      | 5/9/89     | DH        |
|              | D) Optical Clarity of Scope                                 |           |      |        |      | 5/9/89     | DH        |
| 645          | Inspect for Live Ammo                                       |           |      |        |      | 5/9/89     | DH        |
| 655          | Final Inspection                                            |           |      |        |      |            |           |
|              | A) Headspace                                                |           |      |        |      | 16 May 89  | JS        |
|              | B) Trigger Pull                                             | 2.57      | 2.14 | 2.22   | 2.22 | 2.16       | 16 May 89 |
|              | C) Function                                                 |           |      |        |      | 16 May 89  | JS        |
| 660          | Pack                                                        |           |      |        |      | 27 June 89 | JS        |

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225464

DATE 5/5/89

TESTER WLB

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-------|------------------------------------------------------------------------|
| PULL #1 | 2.39             | 2.15                     | 2.43                           | 2.57  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.35             | 2.17                     | 2.27                           | 2.14  |                                                                        |
| PULL #3 | 2.38             | 2.20                     | 2.18                           | 2.22  |                                                                        |
| PULL #4 | 2.27             | 2.21                     | 2.40                           | 2.22  |                                                                        |
| PULL #5 | 2.30             | 2.35                     | 2.24                           | 2.16  |                                                                        |
| TOTAL   | 11.69            | 11.08                    | 11.52                          | 11.31 |                                                                        |
| AVG.    | 2.34             | 2.21                     | 2.30                           | 2.262 |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.27             | 3.35                     |  |          |
| PULL #2 | 3.20             | 3.43                     |  |          |
| PULL #3 | 3.26             | 3.34                     |  |          |
| PULL #4 | 3.37             | 3.35                     |  |          |
| PULL #5 | 3.32             | 3.38                     |  |          |
| TOTAL   | 16.42            | 16.85                    |  |          |
| AVG.    | 3.28             | 3.37                     |  |          |

|         | 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 | 4.46             | 4.45                     |                                | 4.49                                 |
| PULL #2 | 4.44             | 4.40                     |                                | 4.29                                 |
| PULL #3 | 4.57             | 4.44                     |                                | 4.41                                 |
| PULL #4 | 4.56             | 4.48                     |                                | 4.32                                 |
| PULL #5 | 4.41             | 4.43                     |                                | 4.44                                 |
| TOTAL   | 22.44            | 22.20                    |                                | 21.95                                |
| AVG.    | 4.49             | 4.44                     |                                | 4.39                                 |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6225464  
10 May 1989

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .734923 |
| 1 TO | 2 | .781327 |
| 1 TO | 3 | .553003 |
| 1 TO | 4 | .352434 |
| 1 TO | 5 | .712523 |

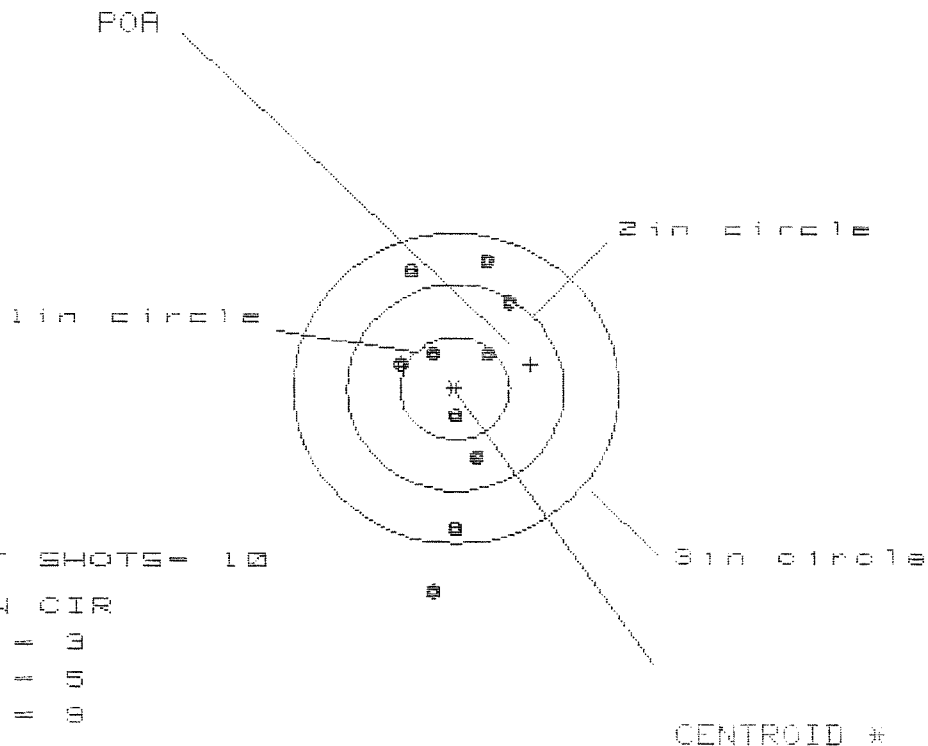
$\frac{2}{14\frac{3}{5}}$  (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3394  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.018  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .339877  
THE AMR FOR THIS RIFLE IS: .9338

18 May 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/08225464

# CENTERFIRE PATTERNS # 1



# OF SHOTS= 10

# IN CIR

1 in = 3

2 in = 5

3 in = 9

HS= 1.065

VS= 3.254

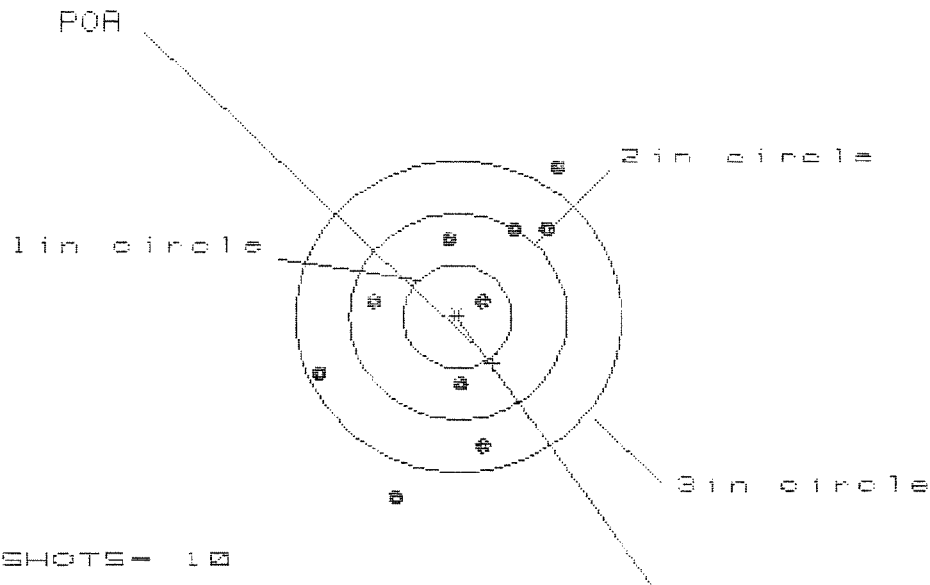
GS= 3.296

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 1      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | .513   | .491   | .487   |
| MINIMUM X                   | : | -.552  | -.574  | -.578  |
| MAXIMUM Y                   | : | 1.285  | 1.066  | .871   |
| MINIMUM Y                   | : | -1.969 | -1.556 | -1.102 |
| CENTROID X                  | : | -.696  | -.674  | -.670  |
| CENTROID Y                  | : | -.236  | -.017  | .178   |
| POA TO CENTROID in.         | : | .734   | .675   | .693   |
| MIN RADIUS                  | : | .292   | .255   | .242   |
| MEAN RADIUS                 | : | .937   | .789   | .676   |
| MAX RADIUS                  | : | 1.979  | 1.557  | 1.109  |
| HORIZONTAL SPREAD           | : | 1.065  | 1.065  | 1.065  |
| VERTICAL SPREAD             | : | 3.254  | 2.622  | 1.973  |
| EXTREME SPREAD              | : | 3.296  | 2.645  | 1.981  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

18 May 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/082254B4

# CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 2.197

VS= 3.239

GS= 3.558

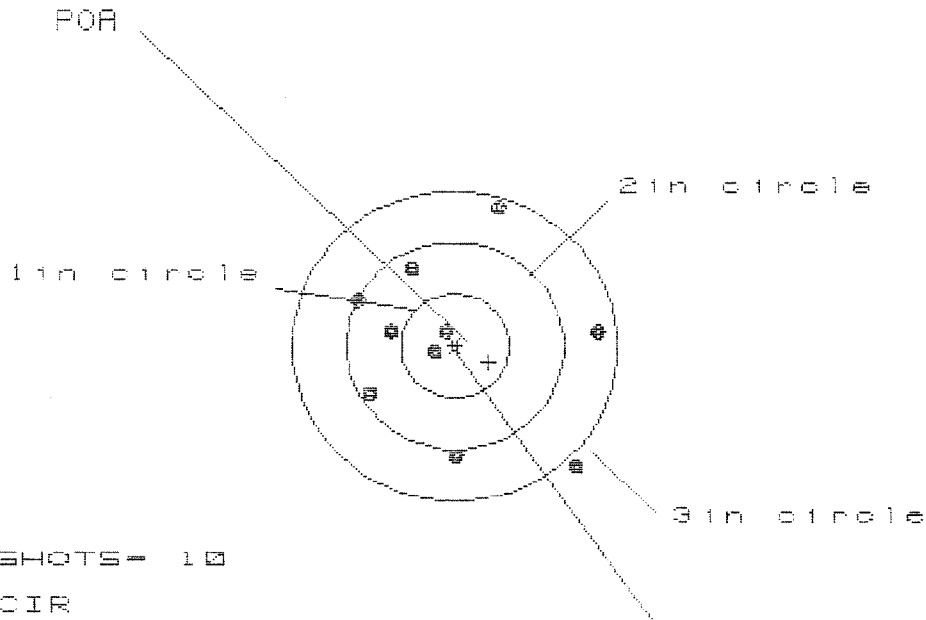
|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 2      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | .919   | .857   | .877   |
| MINIMUM X                   | : | -1.278 | -1.340 | -1.233 |
| MAXIMUM Y                   | : | 1.471  | 1.275  | .835   |
| MINIMUM Y                   | : | -1.768 | -1.398 | -1.239 |
| CENTROID X                  | : | -.322  | -.260  | -.367  |
| CENTROID Y                  | : | .450   | .646   | .487   |
| POA TO CENTROID in.         | : | .553   | .697   | .610   |
| MIN RADIUS                  | : | .226   | .169   | .256   |
| MEAN RADIUS                 | : | 1.094  | .983   | .919   |
| MAX RADIUS                  | : | 1.853  | 1.536  | 1.367  |
| HORIZONTAL SPREAD           | : | 2.197  | 2.197  | 2.110  |
| VERTICAL SPREAD             | : | 3.239  | 2.673  | 2.074  |
| EXTREME SPREAD              | : | 3.558  | 2.989  | 2.539  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |        |



18 May 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225464

# CENTERFIRE PATTERNS # 3



# OF SHOTS= 10

# IN CIR

1in = 2

2in = 6

3in = 8

HS= 2.196

VS= 2.467

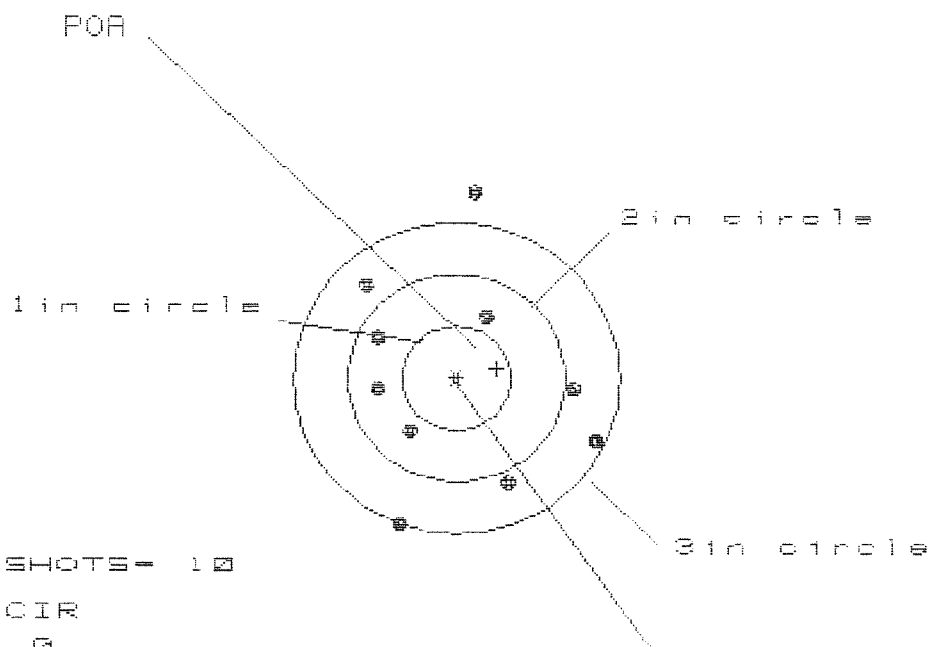
GS= 2.578

| PATTERN #                     | : | 3      |        |        |
|-------------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)               | : | 10     | 9      | 8      |
| MAXIMUM X                     | : | 1.297  | 1.421  | 1.483  |
| MINIMUM X                     | : | -.899  | -.775  | -.713  |
| MAXIMUM Y                     | : | 1.328  | 1.201  | .783   |
| MINIMUM Y                     | : | -1.139 | -1.212 | -1.062 |
| CENTROID X                    | : | -.310  | -.434  | -.496  |
| CENTROID Y                    | : | .160   | .287   | .137   |
| POA TO CENTROID in.           | : | .349   | .521   | .515   |
| MIN RADIUS                    | : | .114   | .070   | .079   |
| MEAN RADIUS                   | : | .895   | .783   | .699   |
| MAX RADIUS                    | : | 1.598  | 1.422  | 1.488  |
| HORIZONTAL SPREAD             | : | 2.196  | 2.196  | 2.196  |
| VERTICAL SPREAD               | : | 2.467  | 2.413  | 1.845  |
| EXTREME SPREAD                | : | 2.578  | 2.434  | 2.216  |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE = |   |        | 9      |        |

18 May 1985

FILE:/PATTERNING/CENTERFIRE\_PATT/082254B4

# CENTERFIRE PATTERNS # 4



# OF SHOTS= 10

# IN CIR

1 in = 0

2 in = 4

3 in = 8

HS= 2.052

VS= 3.149

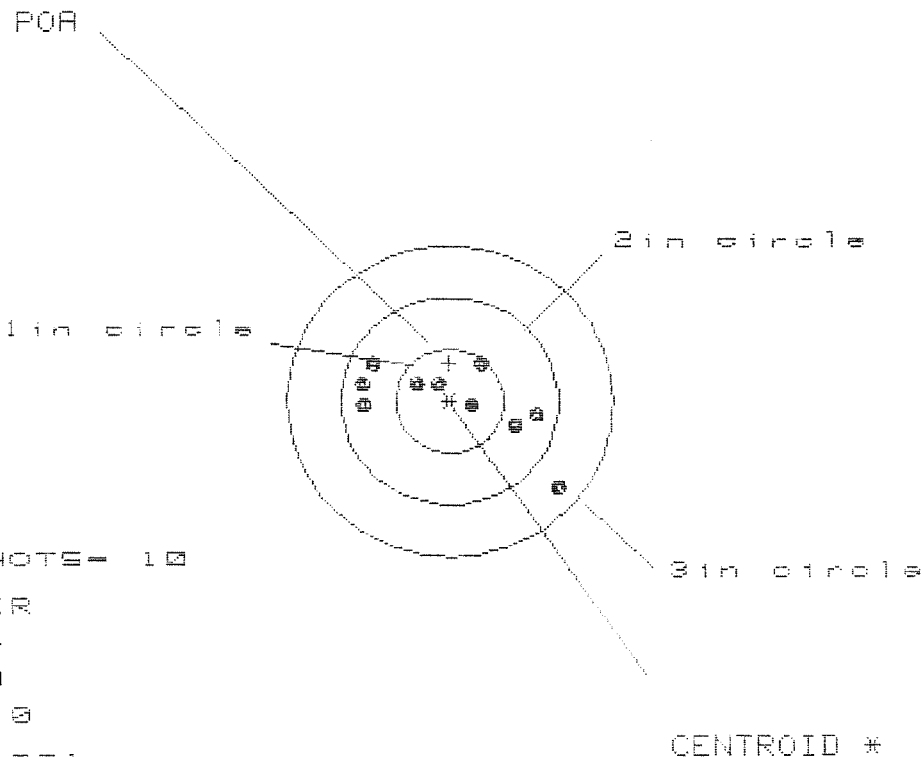
GS= 3.233

|                             |   |        |        |       |
|-----------------------------|---|--------|--------|-------|
| PATTERN #                   | : | 4      |        |       |
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.260  | 1.280  | 1.213 |
| MINIMUM X                   | : | -.792  | -.772  | -.839 |
| MAXIMUM Y                   | : | 1.780  | 1.088  | .942  |
| MINIMUM Y                   | : | -1.369 | -1.171 | -.976 |
| CENTROID X                  | : | -.373  | -.393  | -.326 |
| CENTROID Y                  | : | -.095  | -.293  | -.147 |
| POA TO CENTROID in.         | : | .385   | .490   | .358  |
| MIN RADIUS                  | : | .671   | .516   | .664  |
| MEAN RADIUS                 | : | 1.089  | .997   | .956  |
| MAX RADIUS                  | : | 1.789  | 1.350  | 1.342 |
| HORIZONTAL SPREAD           | : | 2.052  | 2.052  | 2.052 |
| VERTICAL SPREAD             | : | 3.149  | 2.259  | 1.918 |
| EXTREME SPREAD              | : | 3.233  | 2.551  | 2.551 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 0      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |       |

18 May 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/08225484

# CENTERFIRE PATTERNS # 5



# OF SHOTS= 10

# IN CIR

1in = 4

2in = 9

3in = 10

HS= 1.881

VS= 1.276

GS= 2.154

| PATTERN #                   | : | 5     |       |       |
|-----------------------------|---|-------|-------|-------|
| SHOTS (BEST OF)             | : | 10    | 9     | 8     |
| MAXIMUM X                   | : | 1.040 | .919  | .830  |
| MINIMUM X                   | : | -.841 | -.725 | -.814 |
| MAXIMUM Y                   | : | .417  | .322  | .334  |
| MINIMUM Y                   | : | -.859 | -.360 | -.348 |
| CENTROID X                  | : | .004  | -.112 | -.023 |
| CENTROID Y                  | : | -.369 | -.274 | -.286 |
| POA TO CENTROID in.         | : | .370  | .296  | .287  |
| MIN RADIUS                  | : | .178  | .059  | .096  |
| MEAN RADIUS                 | : | .654  | .551  | .529  |
| MAX RADIUS                  | : | 1.349 | .938  | .848  |
| HORIZONTAL SPREAD           | : | 1.881 | 1.644 | 1.644 |
| VERTICAL SPREAD             | : | 1.276 | .682  | .682  |
| EXTREME SPREAD              | : | 2.154 | 1.653 | 1.645 |
| NUMBER IN ONE INCH CIRCLE   | = |       | 4     |       |
| NUMBER IN TWO INCH CIRCLE   | = |       | 9     |       |
| NUMBER IN THREE INCH CIRCLE | = |       | 10    |       |



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

|                                      |                          |                     |                |
|--------------------------------------|--------------------------|---------------------|----------------|
| <b>R &amp; E NUMBER</b> <u>18381</u> |                          |                     |                |
| <b>SERIAL NUMBER</b> <u>C6225464</u> |                          |                     |                |
| <b>LOG-IN DATE</b> <u>11-30-00</u>   |                          |                     |                |
| <b>INSPECT AND VERIFY:</b>           |                          |                     |                |
| <b>OPERATION #</b>                   | <b>OPERATION NAME</b>    | <b>DATE</b>         | <b>INITIAL</b> |
| 550                                  | DIS-ASSEMBLE GUN         | 12-5-00             | CK             |
| 560 A                                | RE-BARREL AT CUSTOM SHOP |                     |                |
| B                                    | DRILL AND TAP            |                     |                |
| C                                    | POLISH                   |                     |                |
| 575                                  | ASSEMBLE                 |                     |                |
| 600                                  | PROOF                    | 12-20-00            | CK             |
| 605                                  | CHECK HEADSPACE          | 12-20-00            | 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                   | 1-15-01             | RW             |
| 655                                  | FINAL INSPECT            | 1-30-01             | CK             |
| 660                                  | PACK                     |                     |                |
|                                      |                          | SHIP DATE           |                |
|                                      |                          | QAR INSPECTION DATE |                |

## Final Inspection

Sn: C6225464 DATE REC'D: 11-30-00 DATE RET'D:

AUDITOR: CK

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: \_\_\_\_\_

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225464  
30 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS:  $-.028$   
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS:  $-.1752$   
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS:  $.177423$

THE AMR FOR THIS RIFLE IS:  $1.14$

### CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| Ø TO | 1 | .112401 |
| 1 TO | 2 | .19151  |
| 1 TO | 3 | .455518 |
| 1 TO | 4 | .197023 |
| 1 TO | 5 | .525449 |

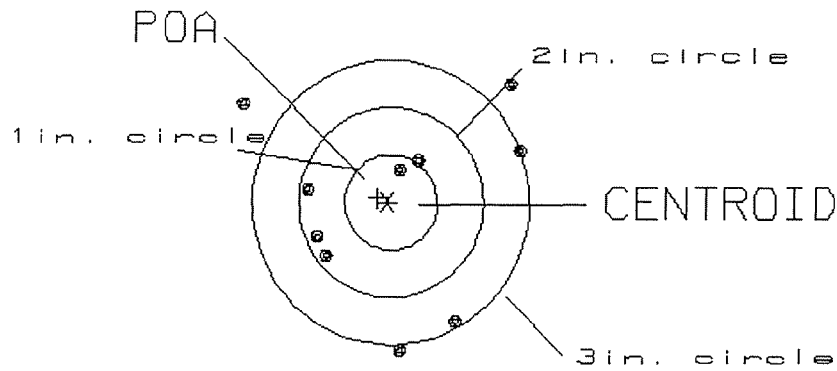
3 +1 4 <----POA  
2  
5

PATTERN #: ☐ 1 ☐  
 POA TO CENTROID: .112  
 MIN RADIUS : .390  
 MEAN RADIUS : 1.176  
 MAX RADIUS : 1.921  
 CENTROID X : .103  
 CENTROID Y : -.045

30 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464.1.1.1.1.1

# CENTERFIRE PATTERN # 1



# OF SHOTS= 10

# IN CIRCLE

HS= 3.04  
 VS= 2.74  
 GS= 3.29

1  
 5  
 6

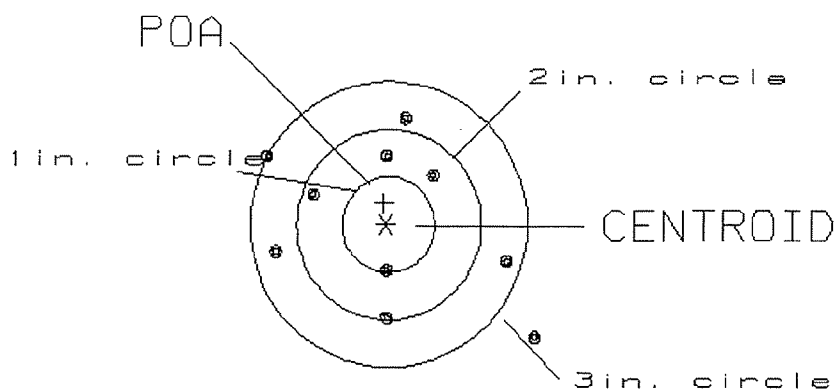


PATTERN #: ☐ 2 ☐  
 POA TO CENTROID: .220  
 MIN RADIUS : .479  
 MEAN RADIUS : 1.087  
 MAX RADIUS : 1.917  
 CENTROID X : .023  
 CENTROID Y : -.219

30 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464.1.1.1.1.1

# CENTERFIRE PATTERN # 2



# OF SHOTS= 10

# IN CIRCLE

HS= 2.87

1

VS= 2.21

5

GS= 3.40

9

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .364

MIN RADIUS : .156

MEAN RADIUS : .701

MAX RADIUS : 1.831

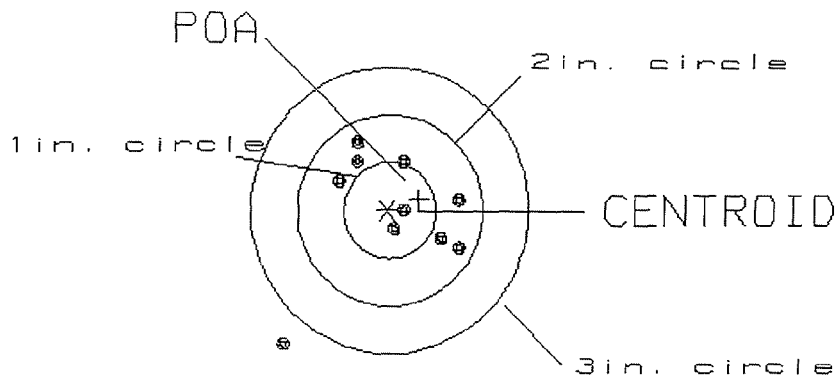
CENTROID X : -.348

CENTROID Y : -.109

30 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464.1.1.1.1.1

## CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 1.91

2

VS= 2.12

9

GS= 2.43

9

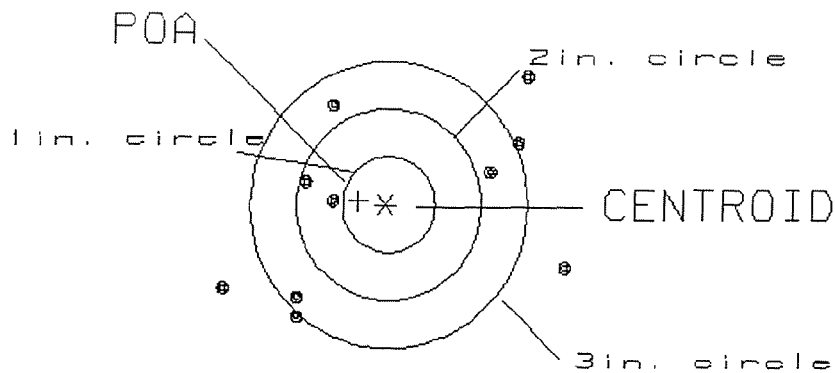
PATTERN #: 4

POA TO CENTROID: .302  
 MIN RADIUS : .562  
 MEAN RADIUS : 1.438  
 MAX RADIUS : 2.030  
 CENTROID X : .300  
 CENTROID Y : -.042

30 Jan 2001

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# CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 3.70  
 VS= 2.53  
 GS= 3.99

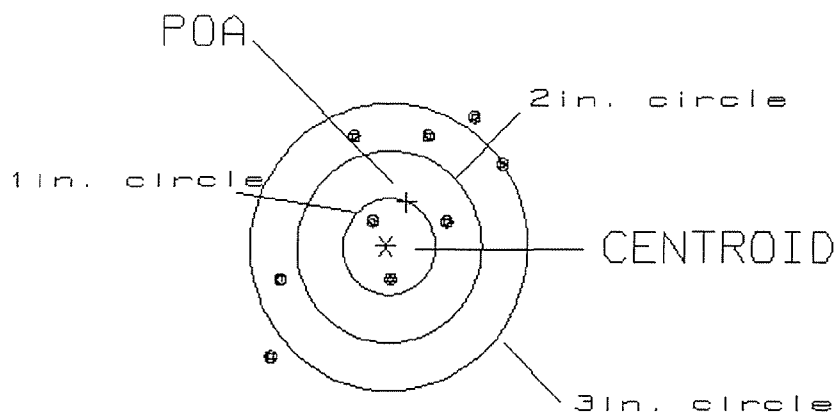
0  
 2  
 5

PATTERN #: ☐ 5 ☐  
 POA TO CENTROID: .510  
 MIN RADIUS : .284  
 MEAN RADIUS : 1.299  
 MAX RADIUS : 3.203  
 CENTROID X : -.218  
 CENTROID Y : -.461

30 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464.1.1.1.1.1

## CENTERFIRE PATTERN # 5



# OF SHOTS= 10

# IN CIRCLE

HS= 2.48

2

VS= 4.50

3

GS= 4.70

6

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225464  
29 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1236  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1096  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .165194

THE AMR FOR THIS RIFLE IS: 1.384

# CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .115352 |
| 1 TO | 2 | .209163 |
| 1 TO | 3 | .406212 |
| 1 TO | 4 | .256727 |
| 1 TO | 5 | .244205 |

5 1+2 <----POA  
4  
3

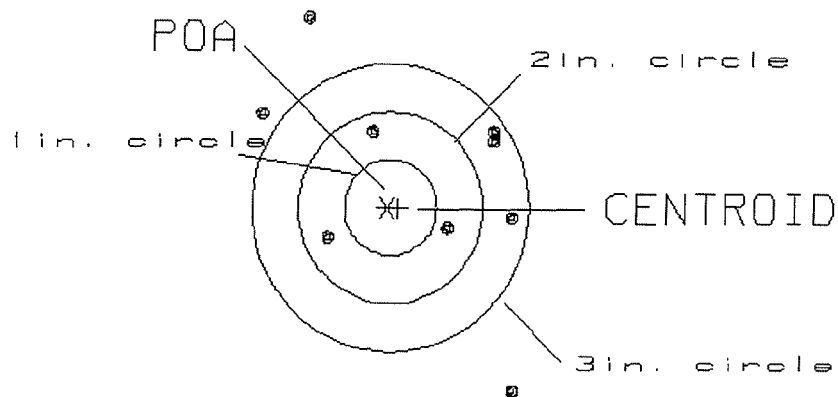
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .115  
 MIN RADIUS : .671  
 MEAN RADIUS : 1.590  
 MAX RADIUS : 3.546  
 CENTROID X : -.115  
 CENTROID Y : .009

29 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464.1.1.1.1

# CENTERFIRE PATTERN # 1



# OF SHOTS= 10

# IN CIRCLE

HS= 3.70  
 VS= 4.64  
 GS= 4.88

0  
 3  
 6

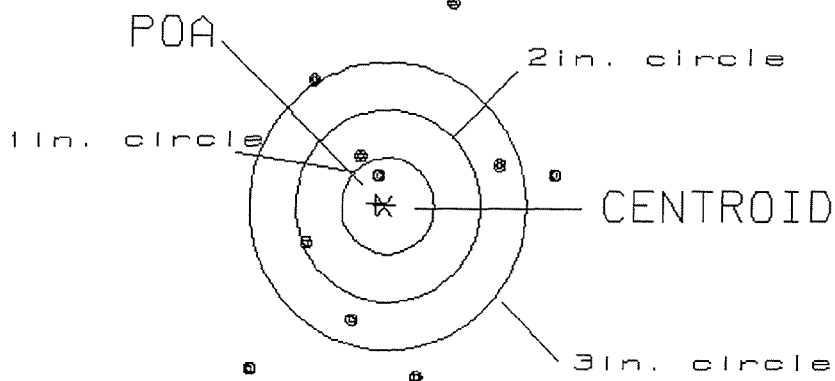
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .095  
 MIN RADIUS : .313  
 MEAN RADIUS : 1.417  
 MAX RADIUS : 2.265  
 CENTROID X : .092  
 CENTROID Y : -.021

29 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464.1.1.1.1

# CENTERFIRE PATTERN # 2



# OF SHOTS= 10

# IN CIRCLE

HS= 3.32

1

VS= 3.94

2

GS= 4.43

5

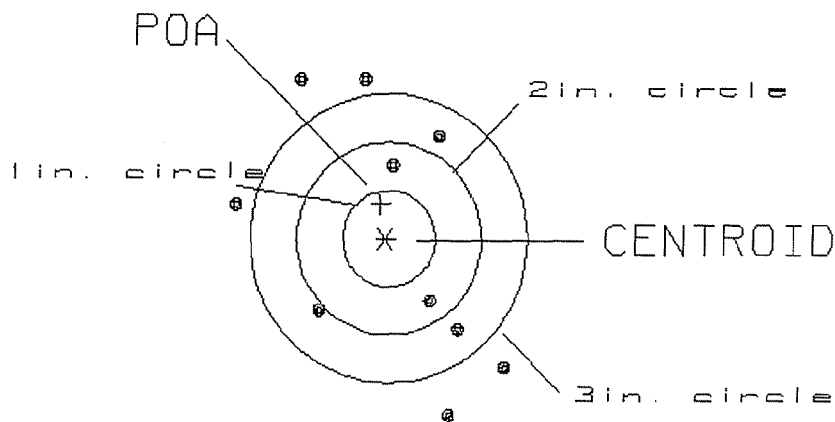
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .364  
 MIN RADIUS : .718  
 MEAN RADIUS : 1.410  
 MAX RADIUS : 1.968  
 CENTROID X : .057  
 CENTROID Y : -.359

29 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464.1.1.1.1

# CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 2.88  
 VS= 3.55  
 GS= 3.90

0  
 2  
 5

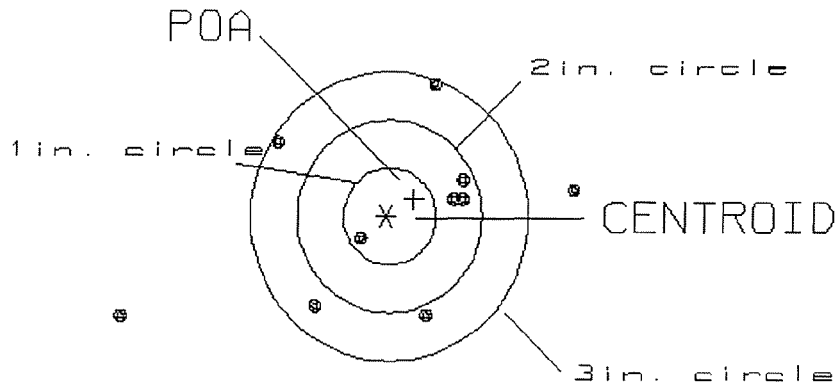


PATTERN #: ☐ 4 ☐  
 POA TO CENTROID: .342  
 MIN RADIUS : .343  
 MEAN RADIUS : 1.303  
 MAX RADIUS : 3.066  
 CENTROID X : -.293  
 CENTROID Y : -.176

29 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464.1.1.1.1

# CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 4.90  
 VS= 2.42  
 GS= 5.08

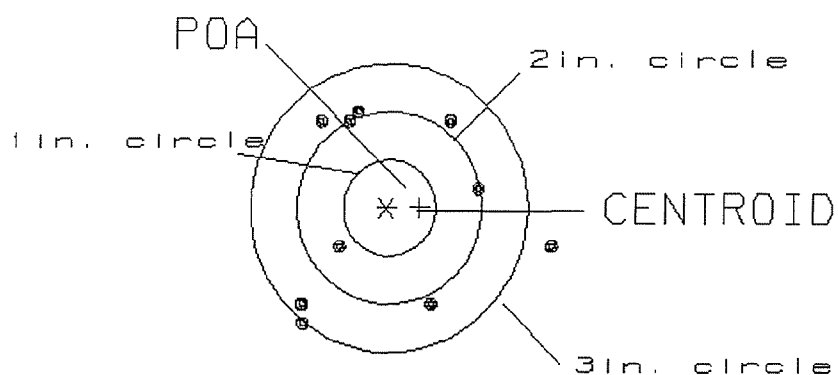
1  
 4  
 8

PATTERN #: ☐ 5 ☐  
 POA TO CENTROID: .359  
 MIN RADIUS : .664  
 MEAN RADIUS : 1.200  
 MAX RADIUS : 1.851  
 CENTROID X : -.359  
 CENTROID Y : -.001

29 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464.1.1.1.1

# CENTERFIRE PATTERN # 5



# OF SHOTS= 10

# IN CIRCLE

HS= 2.77

0

VS= 2.26

1

GS= 2.90

8

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225464  
16 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0626  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2568  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .26432

THE AMR FOR THIS RIFLE IS: 1.372

### CENTROIDAL DISTANCES

|      |   |          |
|------|---|----------|
| 0 TO | 1 | .209057  |
| 1 TO | 2 | .059439  |
| 1 TO | 3 | .419981  |
| 1 TO | 4 | .0940691 |
| 1 TO | 5 | .504147  |

5      +<sup>2</sup>      <----POA  
         4<sup>2</sup>  
         3

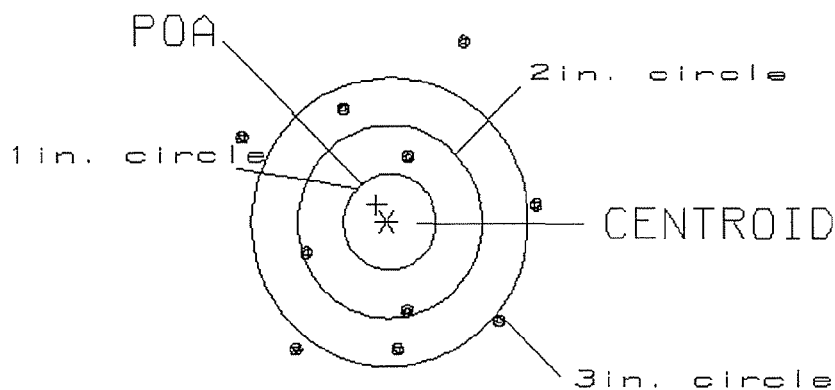
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .209  
 MIN RADIUS : .729  
 MEAN RADIUS : 1.365  
 MAX RADIUS : 2.008  
 CENTROID X : .108  
 CENTROID Y : -.179

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464.1.1.1

# CENTERFIRE PATTERN # 1



# OF SHOTS= 10

# IN CIRCLE

HS= 3.15

0

VS= 3.17

3

GS= 3.59

5

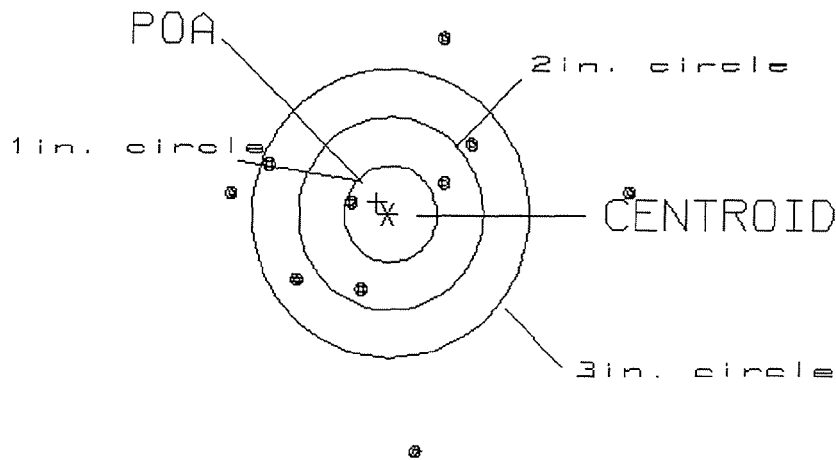
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .171  
 MIN RADIUS : .458  
 MEAN RADIUS : 1.447  
 MAX RADIUS : 2.636  
 CENTROID X : .121  
 CENTROID Y : -.121

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464.1.1.1

# CENTERFIRE PATTERN # 2



# OF SHOTS= 10

# IN CIRCLE

HS= 4.39  
 VS= 4.26  
 GS= 4.39

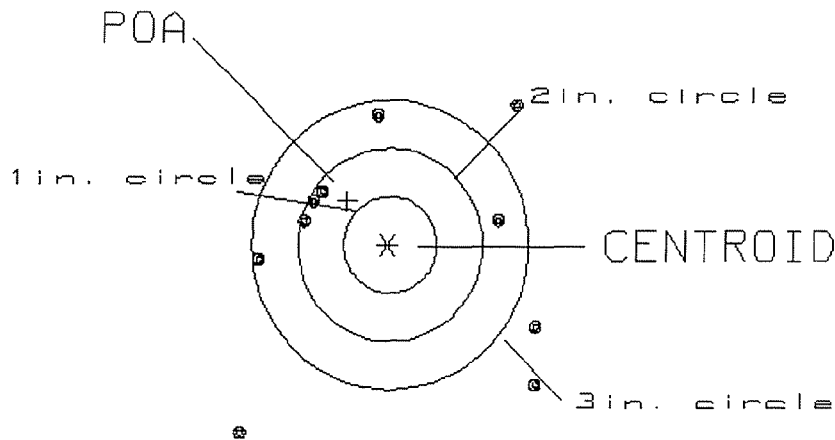
1  
 3  
 6

PATTERN #: ☐ 3 ☐  
 POA TO CENTROID: .621  
 MIN RADIUS : .961  
 MEAN RADIUS : 1.545  
 MAX RADIUS : 2.546  
 CENTROID X : .428  
 CENTROID Y : -.451

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464.1.1.1

# CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 3.26  
 VS= 3.43  
 GS= 4.61

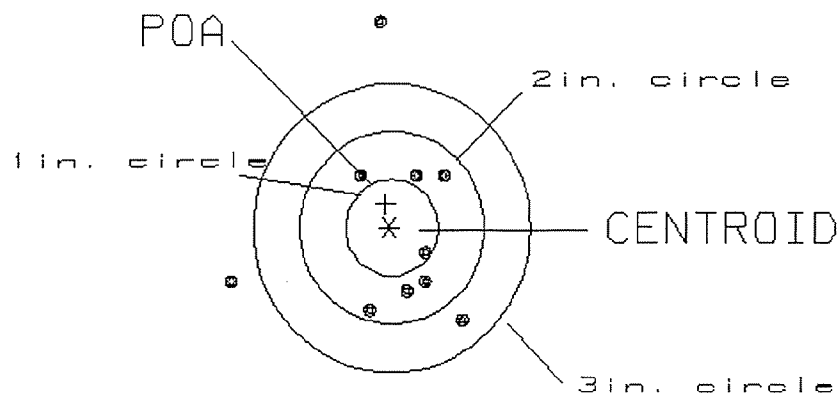
0  
 3  
 6

PATTERN #: 4  
 POA TO CENTROID: .247  
 MIN RADIUS : .396  
 MEAN RADIUS : .989  
 MAX RADIUS : 2.163  
 CENTROID X : .040  
 CENTROID Y : -.244

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464.1.1.1

# CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 2.45

1

VS= 3.09

7

GS= 3.23

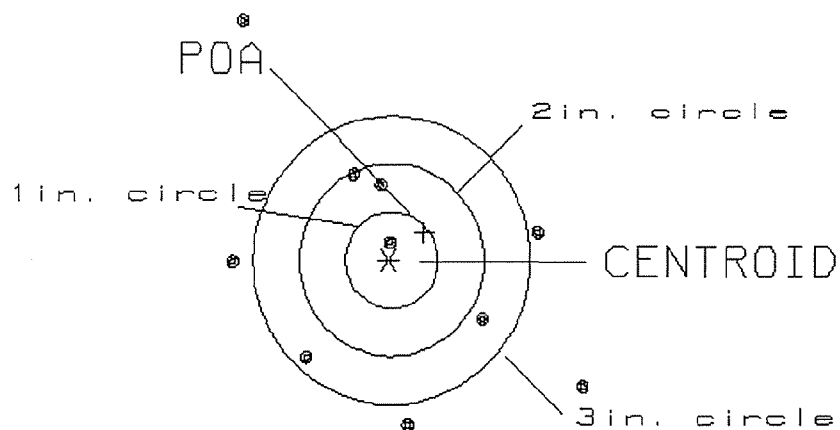
8

PATTERN #: ☐ 5 ☐  
 POA TO CENTROID: .480  
 MIN RADIUS : .193  
 MEAN RADIUS : 1.513  
 MAX RADIUS : 3.000  
 CENTROID X : -.384  
 CENTROID Y : -.289

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464.1.1.1

# CENTERFIRE PATTERN # 5



# OF SHOTS= 10

# IN CIRCLE

HS= 3.76

1

VS= 4.28

2

GS= 5.29

5



Remington Test Lab, Ilion, N.Y.

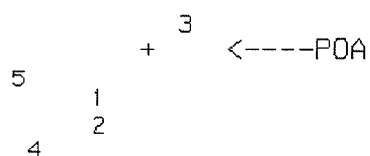
Centroidal distance calculations for Rifle # c6225464  
10 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.4122  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3112  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .516483

THE AMR FOR THIS RIFLE IS: 1.58

# CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| Ø TO | 1 | .467462 |
| 1 TO | 2 | .187003 |
| 1 TO | 3 | .759276 |
| 1 TO | 4 | .554658 |
| 1 TO | 5 | .548293 |

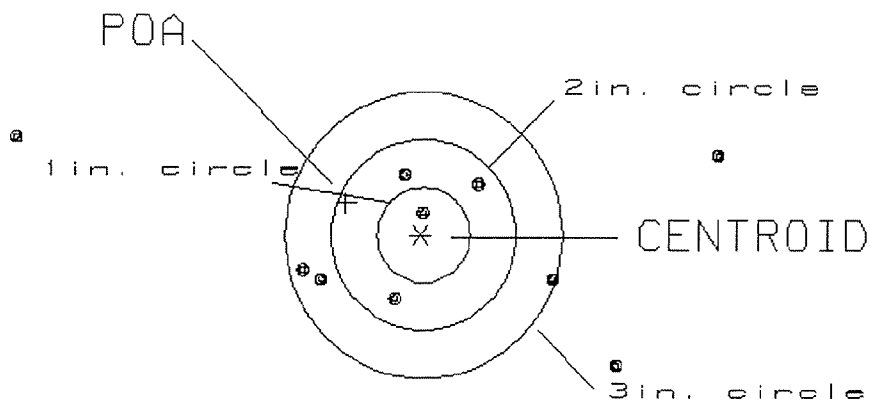


PATTERN #: 1  
 POA TO CENTROID: .875  
 MIN RADIUS : .214  
 MEAN RADIUS : 1.672  
 MAX RADIUS : 4.489  
 CENTROID X : .809  
 CENTROID Y : -.336

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464.1

# CENTERFIRE PATTERN # 1



# OF SHOTS= 10

# IN CIRCLE

HS= 7.59

1

VS= 2.42

4

GS= 7.59

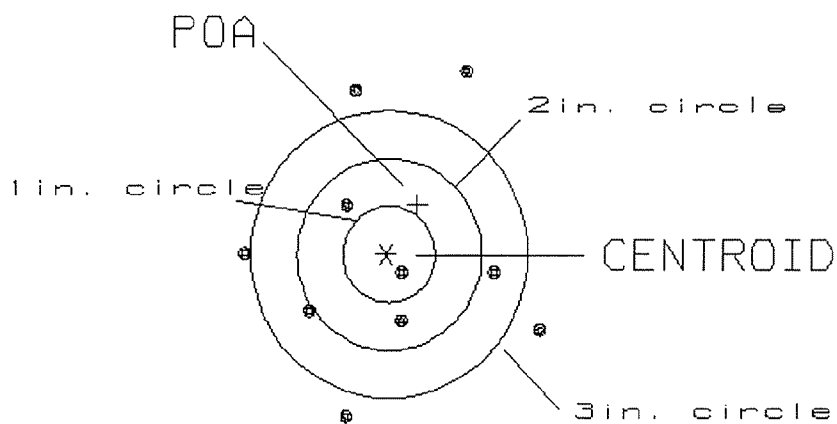
7

PATTERN #: ☐ 2 ☐  
 POA TO CENTROID: .612  
 MIN RADIUS : .208  
 MEAN RADIUS : 1.275  
 MAX RADIUS : 2.103  
 CENTROID X : -.335  
 CENTROID Y : -.512

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464.1

## CENTERFIRE PATTERN # 2



# OF SHOTS= 10

# IN CIRCLE

HS= 3.21  
 VS= 3.61  
 GS= 3.94

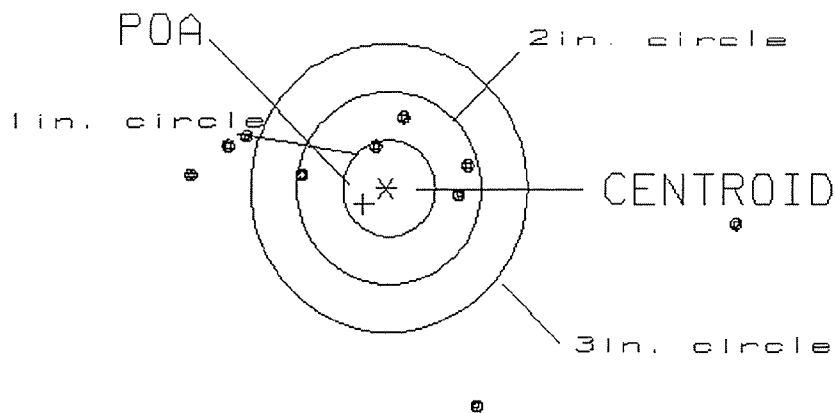
1  
 3  
 5

PATTERN #: 3  
 POA TO CENTROID: .295  
 MIN RADIUS : .485  
 MEAN RADIUS : 1.574  
 MAX RADIUS : 3.816  
 CENTROID X : .244  
 CENTROID Y : .165

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464.1

# CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 5.95  
 VS= 3.06  
 GS= 5.97

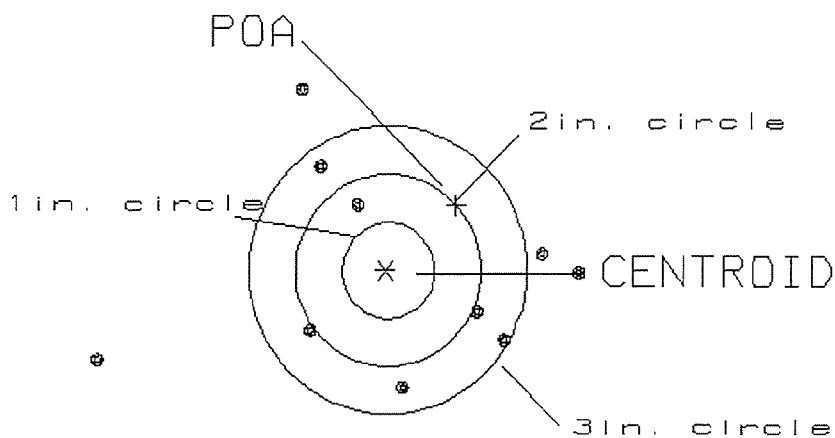
1  
 5  
 5

PATTERN #: ☐ 4 ☐  
 POA TO CENTROID: 1.021  
 MIN RADIUS : .734  
 MEAN RADIUS : 1.596  
 MAX RADIUS : 3.277  
 CENTROID X : -.763  
 CENTROID Y : -.679

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464.1

# CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 5.18

0

VS= 3.07

1

GS= 5.25

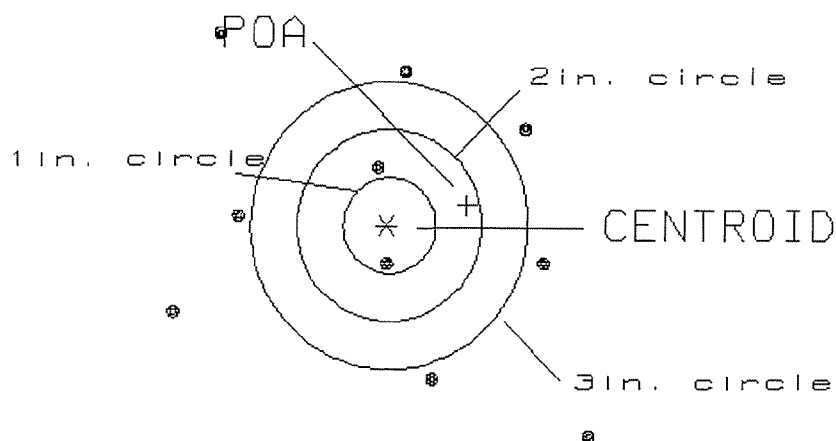
6

PATTERN #: ☐ 5 ☐  
 POA TO CENTROID: .895  
 MIN RADIUS : .385  
 MEAN RADIUS : 1.785  
 MAX RADIUS : 3.099  
 CENTROID X : -.871  
 CENTROID Y : -.205

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464.1

# CENTERFIRE PATTERN # 5



# OF SHOTS= 10

# IN CIRCLE

HS= 4.57  
 VS= 4.15  
 GS= 5.82

1  
 2  
 2

Remington Test Lab, Ilion, N.Y.

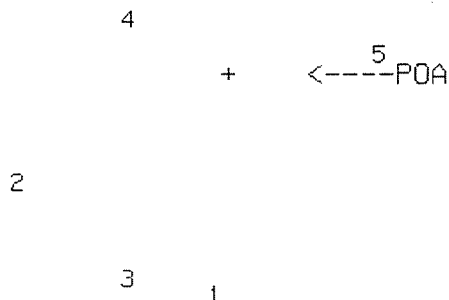
Centroidal distance calculations for Rifle # c6225464  
5 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3714  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.6198  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .722558

THE AMR FOR THIS RIFLE IS: 1.335

# CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| Ø TO | 1 | 1.48012 |
| 1 TO | 2 | 1.51834 |
| 1 TO | 3 | .590529 |
| 1 TO | 4 | 1.92604 |
| 1 TO | 5 | 1.95144 |

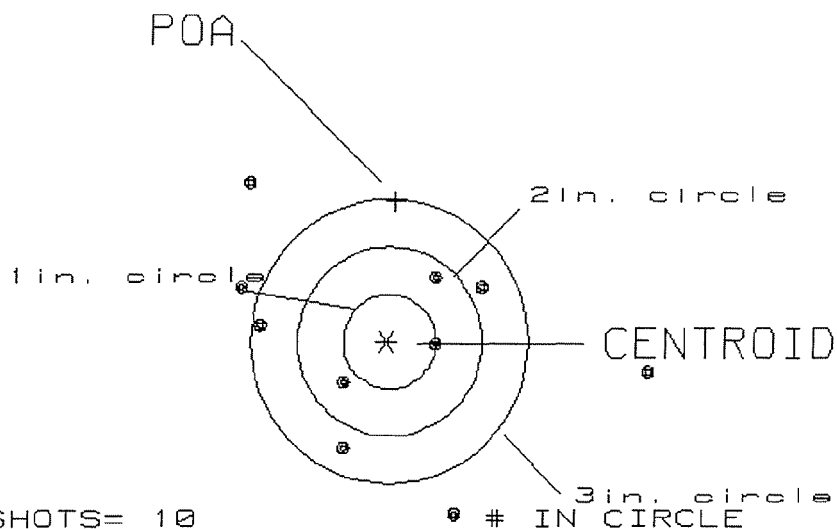


PATTERN #: ☐ 1 ☐  
 POA TO CENTROID: 1.480  
 MIN RADIUS : .541  
 MEAN RADIUS : 1.464  
 MAX RADIUS : 2.803  
 CENTROID X : -.096  
 CENTROID Y : -1.477

5 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464

# CENTERFIRE PATTERN # 1



# OF SHOTS= 10

HS= 4.40

VS= 3.54

GS= 4.77

0

3

6

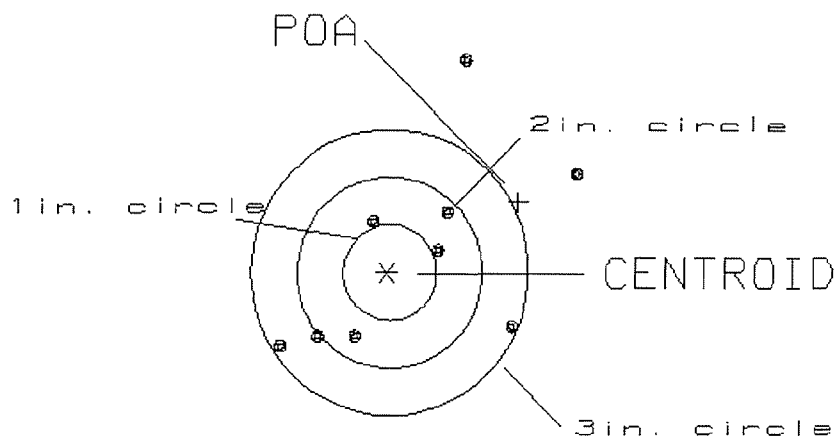


PATTERN #: 2  
 POA TO CENTROID: 1.597  
 MIN RADIUS : .587  
 MEAN RADIUS : 1.480  
 MAX RADIUS : 3.459  
 CENTROID X : -1.419  
 CENTROID Y : -.732

5 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464

# CENTERFIRE PATTERN # 2



# OF SHOTS= 10

# IN CIRCLE

HS= 4.76

0

VS= 4.37

4

GS= 5.74

7

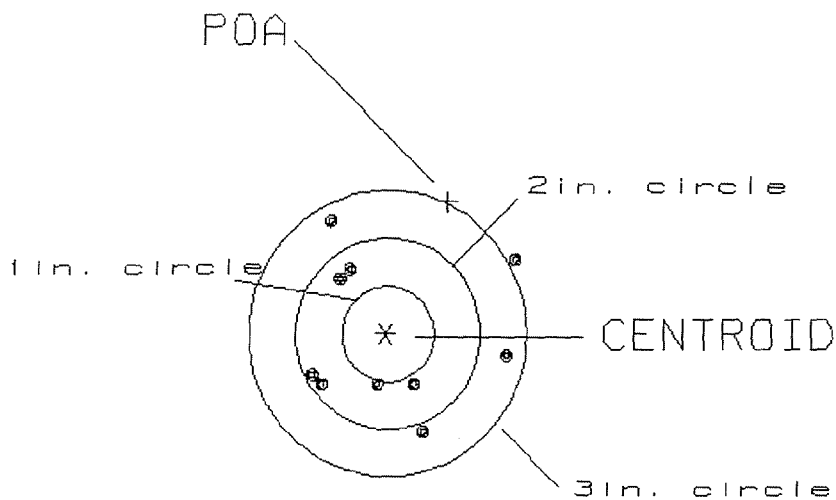
PATTERN #: 3

POA TO CENTROID: 1.534  
 MIN RADIUS : .537  
 MEAN RADIUS : .984  
 MAX RADIUS : 1.618  
 CENTROID X : -.678  
 CENTROID Y : -1.377

5 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464

# CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 2.25  
 VS= 2.21  
 GS= 2.55

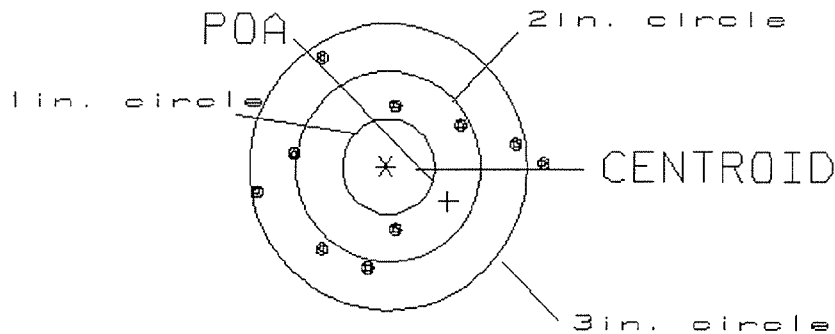
0  
 6  
 9

PATTERN #: 4  
 POA TO CENTROID: .767  
 MIN RADIUS : .614  
 MEAN RADIUS : 1.134  
 MAX RADIUS : 1.686  
 CENTROID X : -.678  
 CENTROID Y : .359

5 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464

# CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 3.13

0

VS= 2.22

3

GS= 3.14

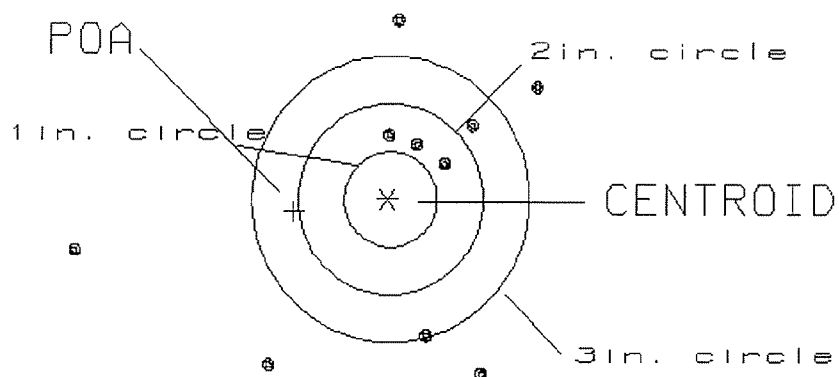
9

PATTERN #: 5  
 POA TO CENTROID: 1.022  
 MIN RADIUS : .615  
 MEAN RADIUS : 1.611  
 MAX RADIUS : 3.435  
 CENTROID X : 1.014  
 CENTROID Y : .128

5 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464

# CENTERFIRE PATTERN # 5



# OF SHOTS= 10

# IN CIRCLE

HS= 4.93

0

VS= 3.60

3

GS= 5.23

5

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225464  
15 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.144  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0886  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .169074

THE AMR FOR THIS RIFLE IS: 1.352

### CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| Ø TO | 1 | .187545 |
| 1 TO | 2 | .236415 |
| 1 TO | 3 | .257769 |
| 1 TO | 4 | .409558 |
| 1 TO | 5 | .35756  |

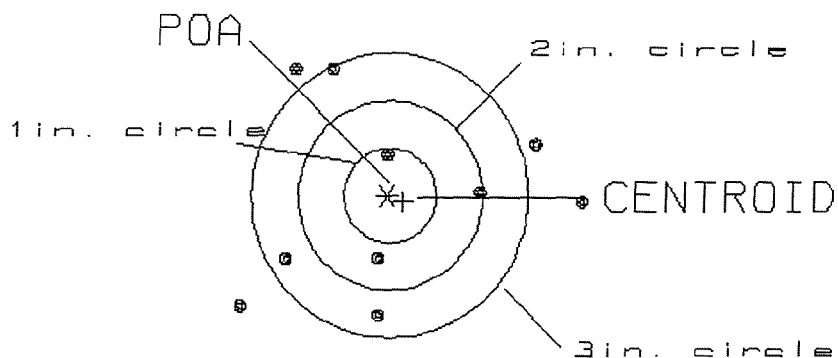
3  
1 + <----POA  
2  
5

PATTERN #: ☐ 1 ☐  
 POA TO CENTROID: .188  
 MIN RADIUS : .404  
 MEAN RADIUS : 1.336  
 MAX RADIUS : 2.041  
 CENTROID X : -.177  
 CENTROID Y : .062

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464.1.1

# CENTERFIRE PATTERN # 1



# OF SHOTS= 10

# IN CIRCLE

HS= 3.68

1

VS= 2.58

3

GS= 3.84

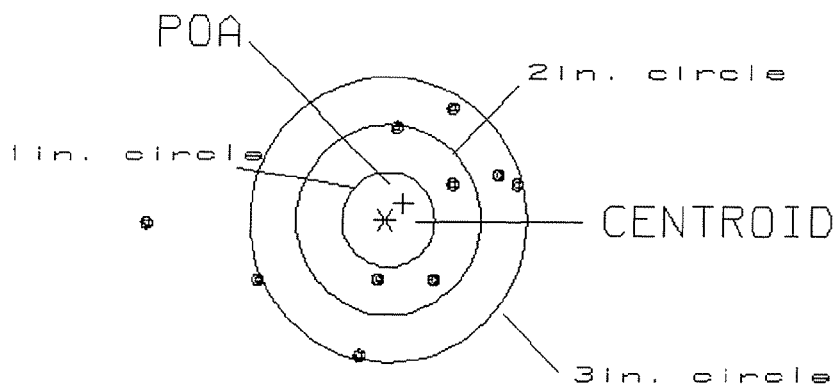
6

PATTERN #: ☐ 2 ☐  
 POA TO CENTROID: .258  
 MIN RADIUS : .646  
 MEAN RADIUS : 1.294  
 MAX RADIUS : 2.620  
 CENTROID X : -.191  
 CENTROID Y : -.174

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464.1.1

## CENTERFIRE PATTERN # 2



# OF SHOTS= 10

# IN CIRCLE

HS= 4.00  
 VS= 2.67  
 GS= 4.02

0  
 4  
 8

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .318

MIN RADIUS : .181

MEAN RADIUS : 1.563

MAX RADIUS : 2.879

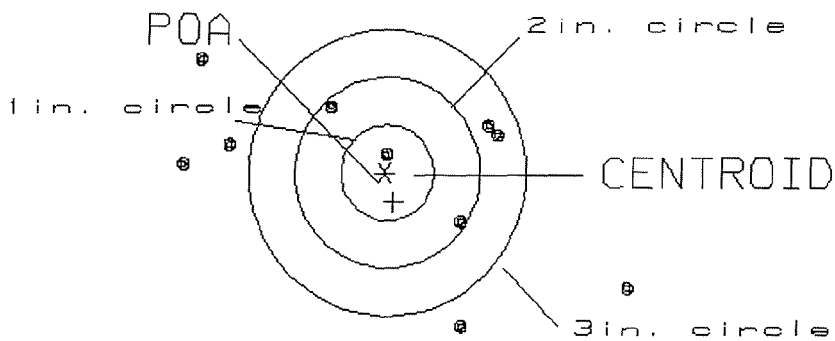
CENTROID X : -.091

CENTROID Y : .305

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464.1.1

# CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 4.85

1

VS= 2.76

3

GS= 5.17

5

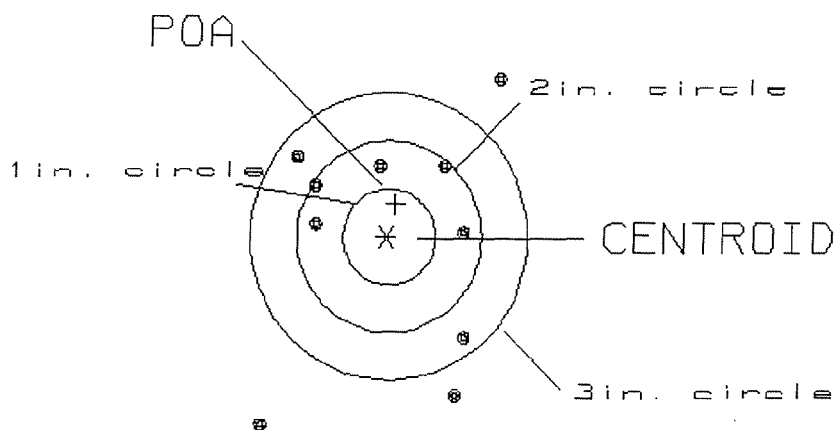


PATTERN #: ☐ 4 ☐  
 POA TO CENTROID: .356  
 MIN RADIUS : .713  
 MEAN RADIUS : 1.319  
 MAX RADIUS : 2.381  
 CENTROID X : -.104  
 CENTROID Y : -.341

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464.1.1

# CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 2.63

0

VS= 3.58

5

GS= 4.45

7

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .334

MIN RADIUS : .299

MEAN RADIUS : 1.250

MAX RADIUS : 2.225

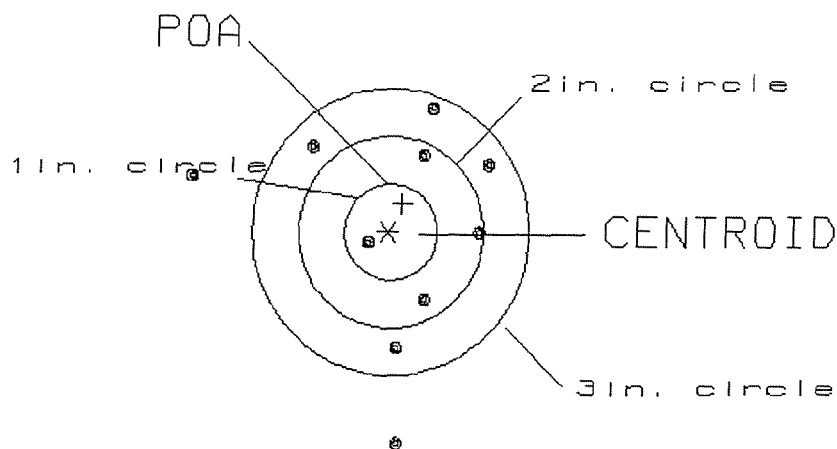
CENTROID X : -.157

CENTROID Y : -.295

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225464.1.1

# CENTERFIRE PATTERN # 5



# OF SHOTS= 10

# IN CIRCLE

HS= 3.21

1

VS= 3.45

4

GS= 3.54

8