

C6348734

MODEL 700<sup>TM</sup> M24

Model **SWS** <sup>TM</sup>

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.

**Remington**<sup>®</sup>

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

M2400062671

*Smead*

## 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: RE00142411

Serial: C6348734 Model M24 SWS Center Fire  
Caliber: 7.62 NATO

Repairman:

Status: Closed 3/4/2008 7:22:09 AM

Verify Repair

## Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name:

Address 1:

Address 2:

PO Box:

City: FORT BRAGG

State: NC

Zip Code: 28310

Country: US

FORT BRAGG

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                  | Qt |
|------|-----------------------|----|
| A006 | Sling Strap           | 1  |
| A007 | With Stud             | 3  |
| A008 | With Swivel           | 3  |
| A010 | Hard Case             | 1  |
| A026 | Scope                 | 1  |
| A045 | Bi Pod                | 1  |
| A057 | Fit and Rear Sgt Base | 1  |
| 0000 | MARS RAIL             | 1  |

## Repair Search

Refresh

Close

nagletj

3/4/2008

9:15 AM

CAPS

NUM



Serial Number:

C6348734

Model: M24 SWS



RE00142411

**NMP COPY 2**

**M2400062673**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348734.\_\_0  
FILE DATE AND TIME: 04/02/2008 11:40

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.046 |
| The Average Y Centroid of the Five Target Set:              | 0.109  |
| The Average Point of Impact of the Five Target Set:         | 0.118  |
| The Average Mean Radius of the Five Target Set:             | 0.774  |
| The Distance from POA to Centroid Target #1:                | 0.427  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.450  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.643  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.517  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.210  |

SERIAL NUMBER: C6348734. \_\_0

TARGET NUMBER: 1

FILE DATE: 04/02/2008

FILE TIME: 11:40

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.530  | 1.193  |
| 2:     | 0.937  | 1.226  |
| 3:     | 0.138  | 0.907  |
| 4:     | 0.184  | 0.427  |
| 5:     | 1.209  | 0.508  |
| 6:     | -1.118 | -0.395 |
| 7:     | 0.187  | 0.435  |
| 8:     | 0.119  | 0.859  |
| 9:     | 0.421  | -0.653 |
| 10:    | -1.038 | -0.538 |

X CENTROID: 0.157

Y CENTROID: 0.397

POA TO CENTROID: 0.427

HORZ SPREAD: 2.327

VERT SPREAD: 1.879

GROUP SPREAD: 2.648

MIN RADIUS: 0.041

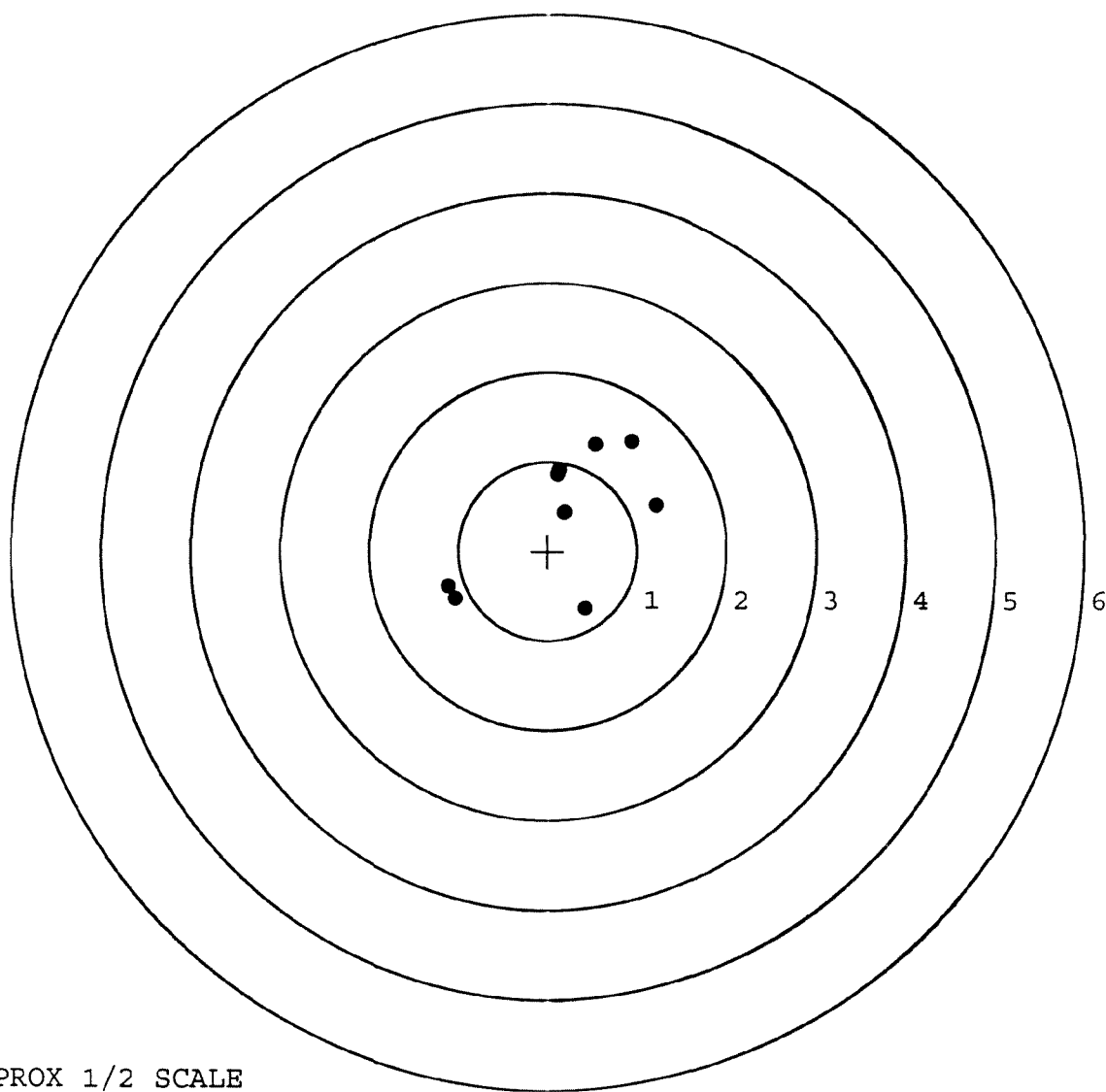
MAX RADIUS: 1.517

MEAN RADIUS: 0.824

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 5

# in 3 IN DIAMETER: 8

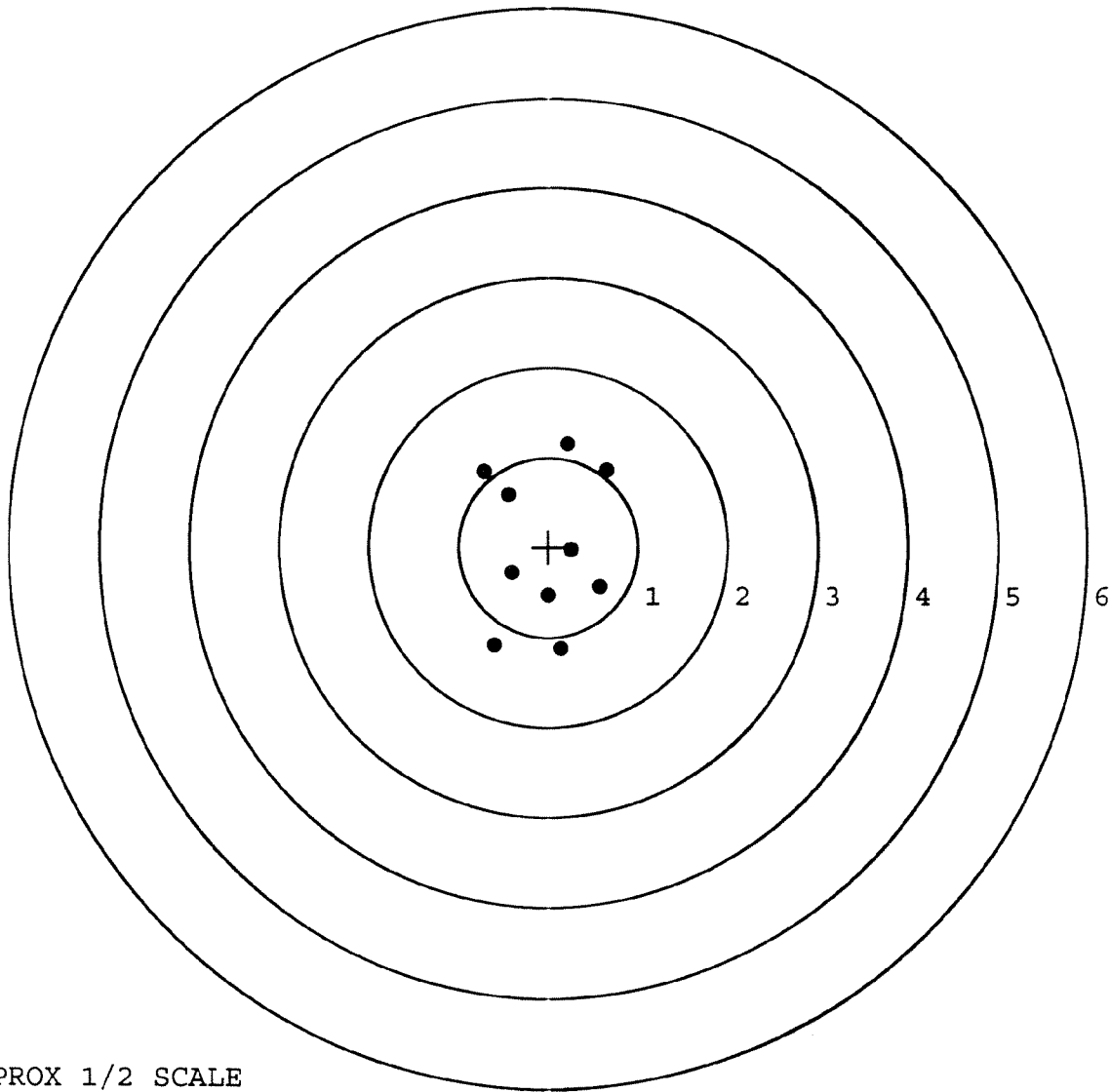


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348734. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 04/02/2008  
FILE TIME: 11:40

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.715 | 0.846  |
| 2:     | -0.444 | 0.580  |
| 3:     | 0.214  | 1.150  |
| 4:     | 0.653  | 0.854  |
| 5:     | 0.255  | -0.037 |
| 6:     | 0.575  | -0.453 |
| 7:     | -0.410 | -0.290 |
| 8:     | 0.003  | -0.543 |
| 9:     | -0.602 | -1.091 |
| 10:    | 0.143  | -1.131 |

X CENTROID: -0.033  
Y CENTROID: -0.011  
POA TO CENTROID: 0.035  
HORZ SPREAD: 1.368  
VERT SPREAD: 2.281  
GROUP SPREAD: 2.385  
MIN RADIUS: 0.289  
MAX RADIUS: 1.220  
MEAN RADIUS: 0.850  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 5  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348734. \_\_0

TARGET NUMBER: 3

FILE DATE: 04/02/2008

FILE TIME: 11:40

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.660 | 0.191  |
| 2:     | -0.355 | 0.397  |
| 3:     | 0.152  | 0.642  |
| 4:     | 0.446  | 0.331  |
| 5:     | -1.561 | -0.095 |
| 6:     | -0.508 | -0.471 |
| 7:     | 0.441  | -0.282 |
| 8:     | 0.358  | -0.637 |
| 9:     | 0.580  | -0.920 |
| 10:    | 0.015  | -1.046 |

X CENTROID: -0.109

Y CENTROID: -0.189

POA TO CENTROID: 0.218

HORZ SPREAD: 2.141

VERT SPREAD: 1.688

GROUP SPREAD: 2.294

MIN RADIUS: 0.488

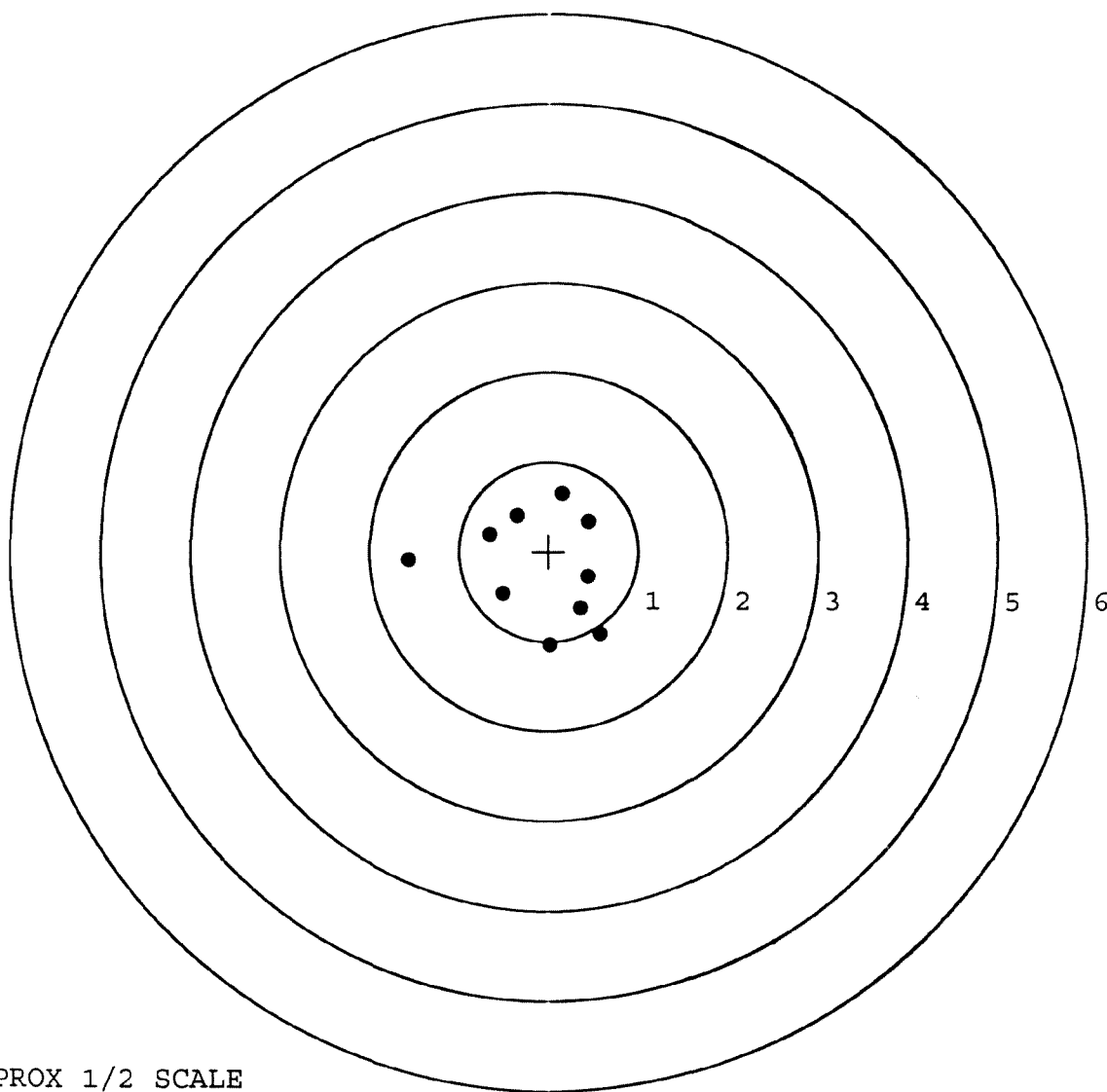
MAX RADIUS: 1.455

MEAN RADIUS: 0.796

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348734. \_\_0

TARGET NUMBER: 4

FILE DATE: 04/02/2008

FILE TIME: 11:40

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.717  | 1.528  |
| 2:     | 0.385  | 0.600  |
| 3:     | -0.512 | 0.476  |
| 4:     | -0.821 | 0.189  |
| 5:     | -0.449 | 0.222  |
| 6:     | -0.336 | -0.113 |
| 7:     | -0.205 | -0.510 |
| 8:     | -0.787 | -0.468 |
| 9:     | -0.670 | -0.811 |
| 10:    | 0.612  | -0.821 |

X CENTROID: -0.207

Y CENTROID: 0.029

POA TO CENTROID: 0.209

HORZ SPREAD: 1.538

VERT SPREAD: 2.349

GROUP SPREAD: 2.719

MIN RADIUS: 0.192

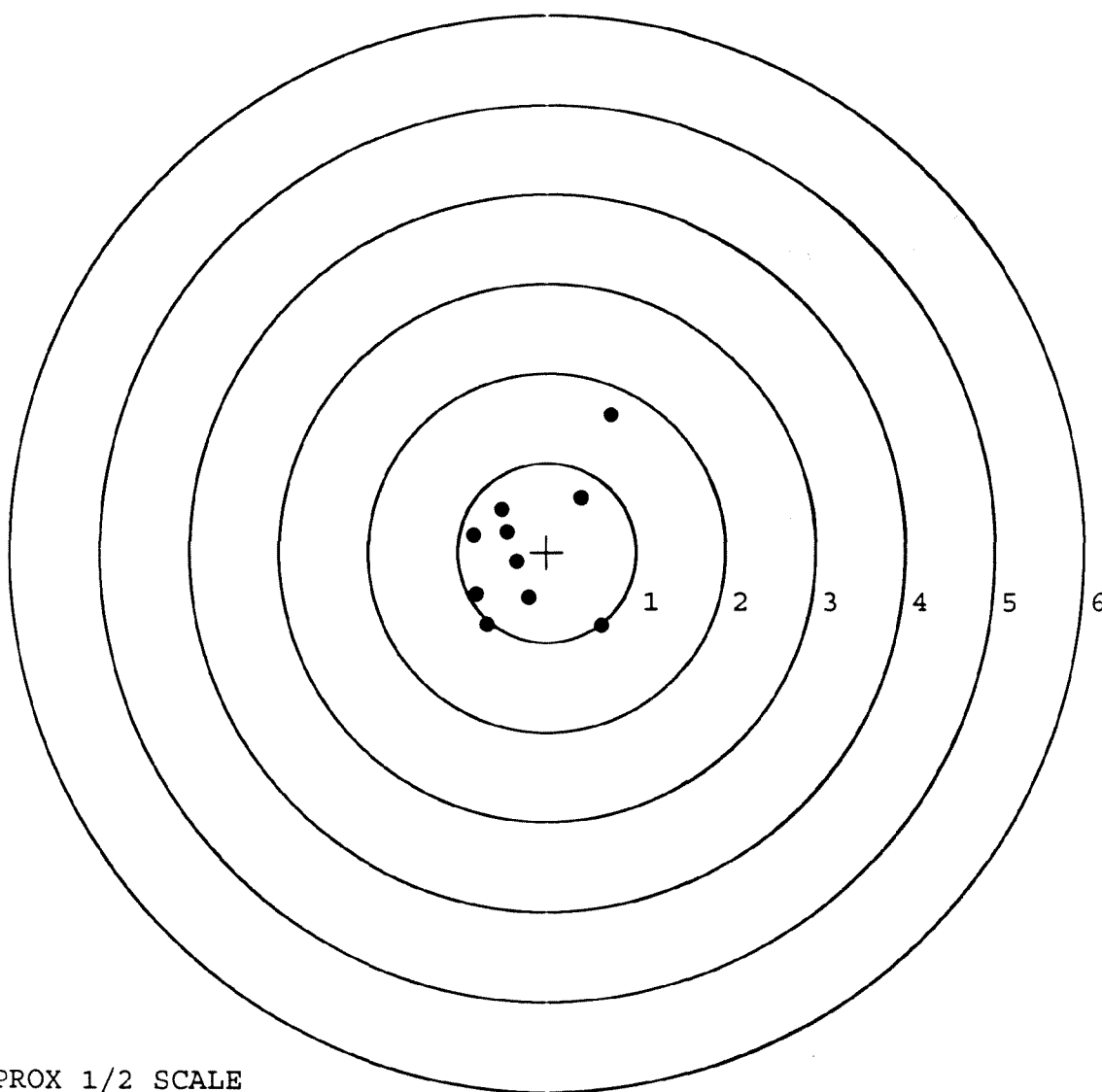
MAX RADIUS: 1.761

MEAN RADIUS: 0.770

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE



SERIAL NUMBER: C6348734. \_\_ 0

TARGET NUMBER: 5

FILE DATE: 04/02/2008

FILE TIME: 11:40

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.726 | 0.852  |
| 2:     | -0.523 | 0.656  |
| 3:     | -0.347 | 0.752  |
| 4:     | -0.230 | 0.389  |
| 5:     | 0.117  | 0.234  |
| 6:     | 0.417  | 0.634  |
| 7:     | 0.845  | 0.592  |
| 8:     | -0.584 | -0.274 |
| 9:     | -0.089 | -0.287 |
| 10:    | 0.744  | -0.372 |

X CENTROID: -0.038

Y CENTROID: 0.318

POA TO CENTROID: 0.320

HORZ SPREAD: 1.571

VERT SPREAD: 1.224

GROUP SPREAD: 1.913

MIN RADIUS: 0.176

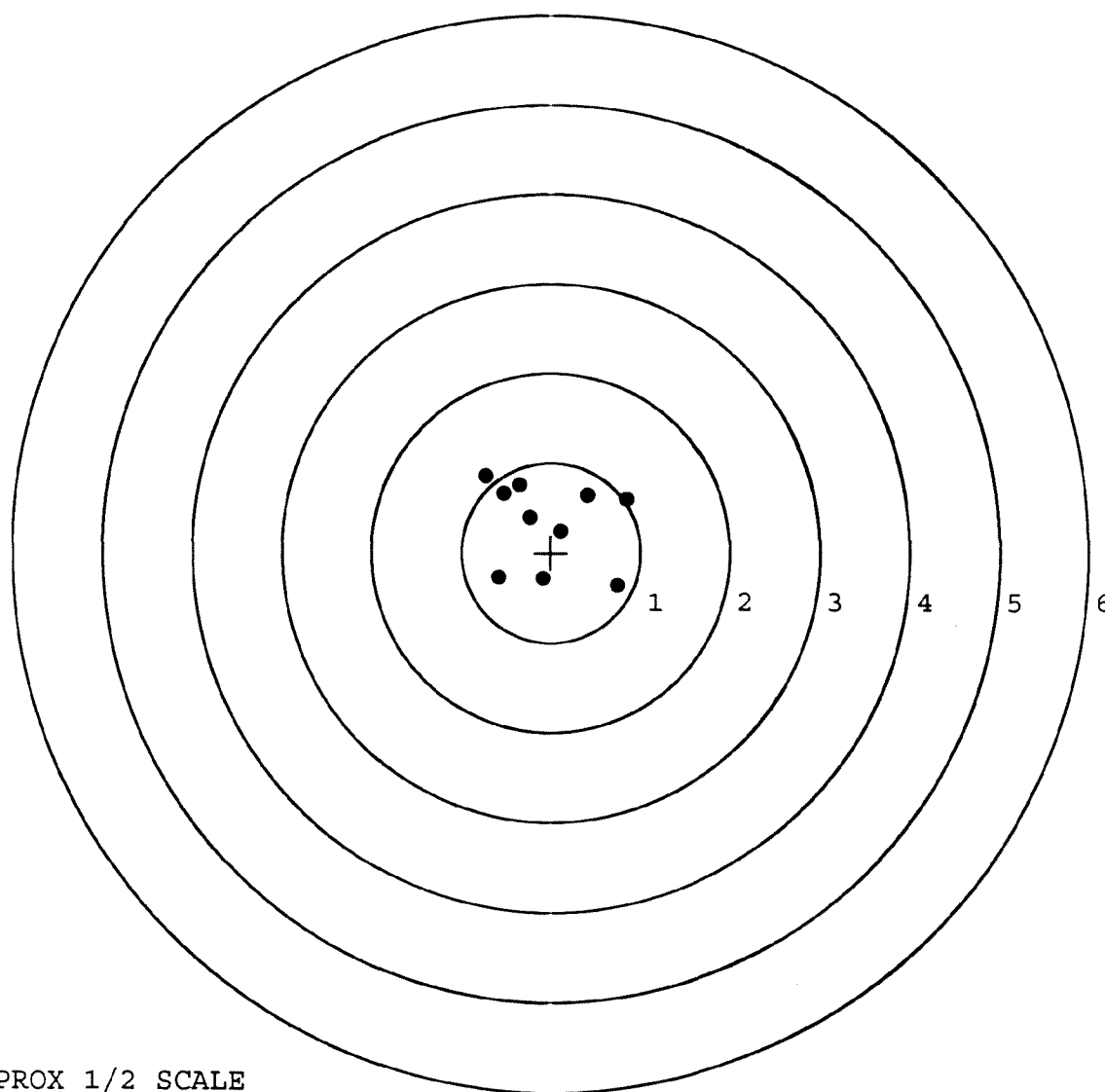
MAX RADIUS: 1.042

MEAN RADIUS: 0.631

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

|               |  |                              |  |
|---------------|--|------------------------------|--|
| R & E NUMBER  |  | 00142411                     |  |
| SERIAL NUMBER |  | <del>00142411</del> C6348734 |  |
| 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                  | mmw       |
| 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       | 3/24/08                  | HP        |
| 625         | FINAL ASSEMBLY       | 4-1-08                   | SPD       |
| 640         | FUNCTION TEST AND    | 4-2-08                   | TRW       |
| 650         | TARGET               | 4-2-08                   | TRW       |
|             | MALFUNCTION          | CORRECTION               |           |
|             | MALFUNCTION          | CORRECTION               |           |
|             | MALFUNCTION          | CORRECTION               |           |
|             | MALFUNCTION          | CORRECTION               |           |
| 670         | FINAL INSPECTION     | 4/8/08                   | Fm        |
|             | A) HEADSPACE         | 4/8/08                   | Fm        |
|             | B) TRIGGER PULL      | 2.79 2.85 2.83 2.94 2.82 | 4/7/08 Fm |
| 680         | F) SAFETY ON FORCE   | 6- 6- 5.5                | 4/8/08 Fm |
|             | G) SAFETY OFF FORCE  | 5.5 5- 5.5               | 4/8/08 Fm |
|             | I) FIRING PIN INDENT | .021 .021 .021           | 4/8/08 Fm |
| 690         | PACK                 | 4/10/08                  | Fm        |

**Remington**



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

MODEL 700™ H24

SERIAL NO.  
C6348734

ORDER NO.  
5716

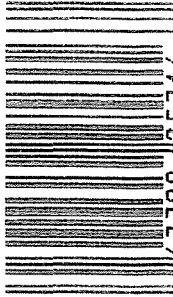
01

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6348734

UPC



0 47700 125716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348734

| OP. #        | OP. NAME                                                       | READINGS | DATE       | INIT |
|--------------|----------------------------------------------------------------|----------|------------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   |          | 5/17/89    | RW   |
| 600          | Proof                                                          |          | 5/17/89    | RW   |
| 607          | Check Headspace                                                |          | 5/12/89    | RW   |
| 610          | Dis-assemble Gun                                               |          | 5/12/89    | RW   |
| 612          | Magnaflux Barrel<br>Action                                     |          | 5/19       | KCR  |
|              | Magnaflux Bolt                                                 |          | 5/19       | KCR  |
| 615          | Rollmark Caliber                                               |          | 5/19       | SS   |
| 617          | Drill and Tap Sight Holes                                      | 5        | 22         | 89AB |
| 618          | Polish Barrel                                                  | 5        | 22         | 89BT |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 5-26-89    | TS   |
|              | Apply Coating (Bolt)                                           |          |            |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 7/14/89    | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 7/14/89    | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 7/14/89    | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 7/14/89    | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 18 July 89 | JS   |

| op. #        | OP. NAME                                                    | READINGS |      |      |     |      | DATE       | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|-----|------|------------|------|
| 625<br>cont. | F) Safety On Force                                          | 4        | 6    | 7    |     |      | 18 July 89 | JS   |
|              | G) Safety Off Force                                         | 3        | 3    | 3    |     |      | 18 July 89 | JS   |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |     |      | 18 July 89 | JS   |
|              | I) Firing Pin Indent                                        | .021     | .021 | .021 |     |      | 18 July 89 | JS   |
|              | J) Assemble Stock                                           |          |      |      |     |      | 7/19/89    | RW   |
|              | K) Assemble Swivel Studs                                    |          |      |      |     |      | 7/24/89    | JH   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |      |     |      | 7/19/89    | RW   |
|              | M) Iron Sight Alignment                                     |          |      |      |     |      | 7/19/89    | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |      |     |      | 7/19/89    | RW   |
|              | O) Attach Scope to Rifle                                    |          |      |      |     |      | 7/19/89    | JH   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |      |     |      | 7/20/89    | JH   |
| 640          | Gallery Target & Test                                       | 90 R     | 63 L |      |     |      | 7-20-89    | D/H  |
|              | A) Time                                                     |          |      |      |     |      | 7-20-89    | D/H  |
|              | B) Malfunctions                                             |          |      |      |     |      | 7-20-89    | D/H  |
|              | C) Pierced Primers                                          |          |      |      |     |      | 7-20-89    | D/H  |
|              | D) Optical Clarity of Scope                                 |          |      |      |     |      | 7-20-89    | D/H  |
| 645          | Inspect for Live Ammo                                       |          |      |      |     |      | 7-20-89    | D/H  |
| 655          | Final Inspection                                            |          |      |      |     |      | 7/24/89    | JH   |
|              | A) Headspace                                                |          |      |      |     |      |            |      |
|              | B) Trigger Pull                                             | 274      | 266  | 276  | 264 | 2.73 | 25 July 89 | JS   |
|              | C) Function                                                 |          |      |      |     |      | 7/24/89    | JH   |
| 660          | Pack                                                        |          |      |      |     |      | 20 Sept 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. Q6348734

DATE \_\_\_\_\_

TESTER \_\_\_\_\_

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------------------------------------------------------------------------|
| PULL #1 | 2.17             | 2.23                     | 2.15                           | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.05             | 2.11                     | 2.23                           |                                                                        |
| PULL #3 | 2.08             | 2.12                     | 2.12                           |                                                                        |
| PULL #4 | 2.10             | 2.06                     | 2.09                           |                                                                        |
| PULL #5 | 2.01             | 2.22                     | 2.11                           |                                                                        |
| TOTAL   | 10.41            | <del>10.74</del>         | 10.70                          |                                                                        |
| AVG.    | 2.08             | 2.14                     | 2.14                           |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES | COMMENTS |
|---------|------------------|--------------------------|----------|
| PULL #1 | 3.23             | 3.29                     |          |
| PULL #2 | 3.32             | 3.30                     |          |
| PULL #3 | 3.22             | 3.31                     |          |
| PULL #4 | 3.33             | 3.23                     |          |
| PULL #5 | 3.29             | 3.38                     |          |
| TOTAL   | 16.39            | 16.41                    |          |
| AVG.    | 3.27             | 3.28                     |          |

|         | 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 | 4.08             | 4.18                     |                                |                                      |
| PULL #2 | 4.14             | 4.27                     |                                |                                      |
| PULL #3 | 4.23             | 4.25                     |                                |                                      |
| PULL #4 | 4.23             | 4.14                     |                                |                                      |
| PULL #5 | 4.22             | 4.21                     |                                |                                      |
| TOTAL   | 20.90            | 21.05                    |                                |                                      |
| AVG.    | 4.18             | 4.21                     |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6348734  
21 Jul 1989

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .592243 |
| 1 TO | 2 | 1.05361 |
| 1 TO | 3 | .830201 |
| 1 TO | 4 | .7836   |
| 1 TO | 5 | .928363 |

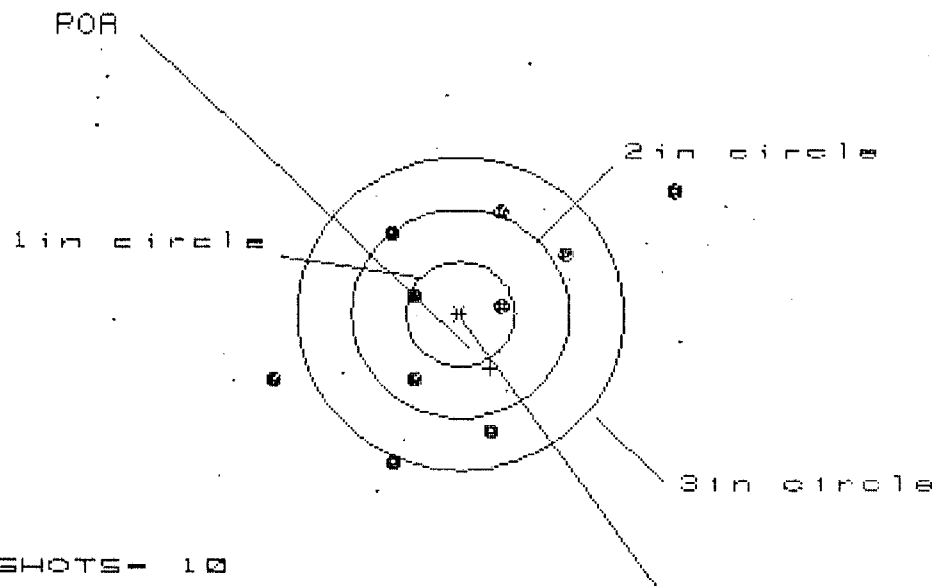
$t_3^2$  <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3634  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2496  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .440862  
THE AMR FOR THIS RIFLE IS: 1.075

21 Jul 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C6346734

# CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 3

3 in = 7

HS= 3.709

VS= 2.568

GS= 4.129

CENTROID \*

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.970  | 1.201  | 1.011  |
| MINIMUM X                     | -1.739 | -1.520 | -.635  |
| MAXIMUM Y                     | 1.167  | 1.089  | 1.024  |
| MINIMUM Y                     | -1.401 | -1.272 | -1.337 |
| CENTROID X                    | -.276  | -.495  | -.305  |
| CENTROID Y                    | .524   | .395   | .460   |
| POR TO CENTROID in.           | .593   | .633   | .552   |
| MIN RADIUS                    | .343   | .323   | .392   |
| MEAN RADIUS                   | 1.157  | 1.017  | .930   |
| MAX RADIUS                    | 2.289  | 1.686  | 1.480  |
| HORIZONTAL SPREAD             | 3.709  | 2.721  | 1.646  |
| VERTICAL SPREAD               | 2.568  | 2.361  | 2.361  |
| EXTREME SPREAD                | 4.129  | 3.004  | 2.610  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 3      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 7      |        |        |



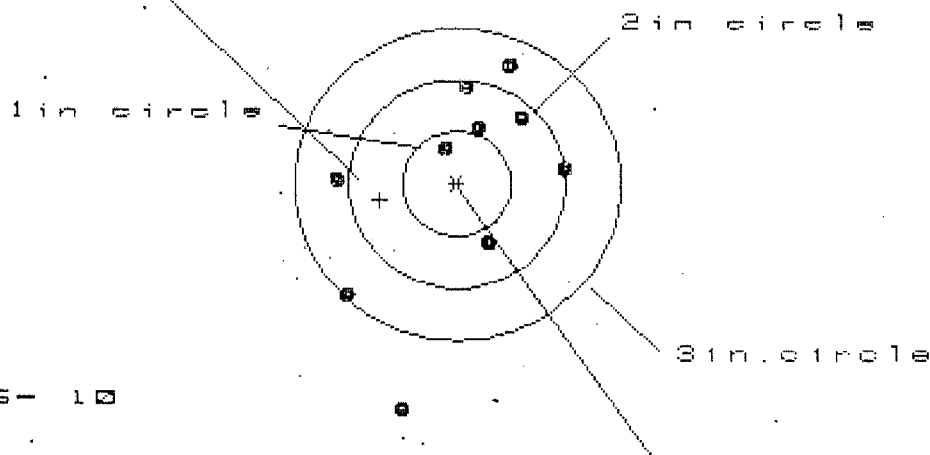
21 Jul 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C6348734

# CENTERFIRE PATTERNS

# 2

POA



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.095

VS= 3.295

GS= 3.424

CENTROID #

| PATTERN #                     | 2      |        |        |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.015  | .962   | .833   |
| MINIMUM X                     | -1.080 | -1.133 | -1.262 |
| MAXIMUM Y                     | 1.129  | .888   | .729   |
| MINIMUM Y                     | -2.166 | -1.269 | -.928  |
| CENTROID X                    | .712   | .765   | .894   |
| CENTROID Y                    | .158   | .399   | .558   |
| POA TO CENTROID in.           | .729   | .863   | 1.054  |
| MIN RADIUS                    | .344   | .177   | .160   |
| MEAN RADIUS                   | 1.031  | .824   | .671   |
| MAX RADIUS                    | 2.218  | 1.638  | 1.312  |
| HORIZONTAL SPREAD             | 2.095  | 2.095  | 2.095  |
| VERTICAL SPREAD               | 3.295  | 2.157  | 1.657  |
| EXTREME SPREAD                | 3.424  | 2.591  | 2.096  |
| NUMBER IN ONE INCH CIRCLE =   |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 9      |        |

21 Jul 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C6346734

# CENTERFIRE PATTERNS

# 3

POA

1in circle

2in circle

3in circle

# OF SHOTS- 10

# IN CIR

1in = 1

2in = 2

3in = 8

HS= 3.164

VS= 2.352

GS= 3.402

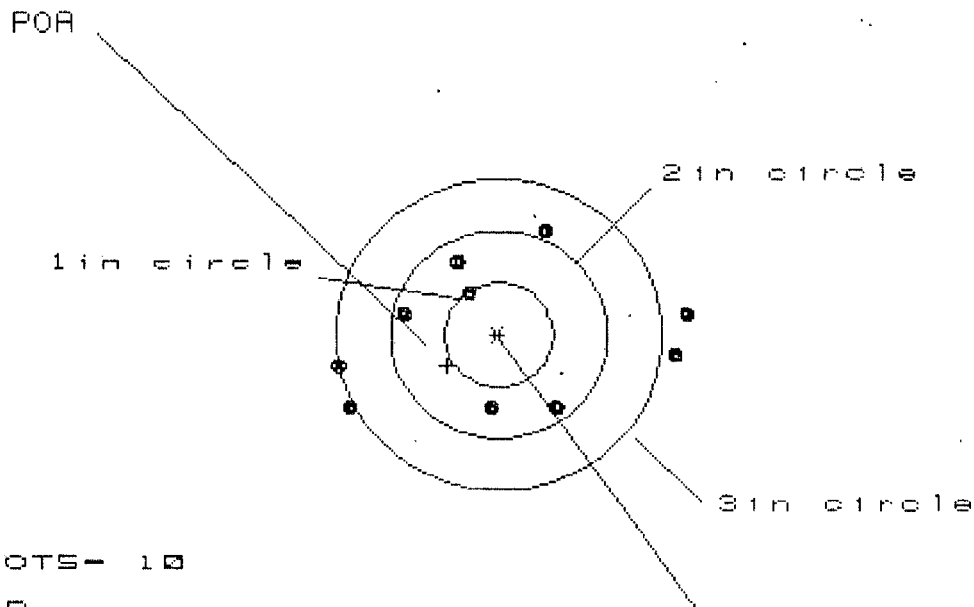
CENTROID \*

| PATTERN #                   | : | 3      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.895  | 1.213  | 1.101  |
| MINIMUM X                   | : | -1.269 | -1.058 | -1.170 |
| MAXIMUM Y                   | : | 1.293  | 1.238  | 1.098  |
| MINIMUM Y                   | : | -1.059 | -1.114 | -0.850 |
| CENTROID X                  | : | .267   | .056   | .168   |
| CENTROID Y                  | : | -.104  | -.049  | .091   |
| POA TO CENTROID in.         | : | .286   | .074   | .191   |
| MIN RADIUS                  | : | .175   | .319   | .385   |
| MEAN RADIUS                 | : | 1.196  | 1.120  | 1.079  |
| MAX RADIUS                  | : | 1.960  | 1.430  | 1.329  |
| HORIZONTAL SPREAD           | : | 3.164  | 2.271  | 2.271  |
| VERTICAL SPREAD             | : | 2.352  | 2.352  | 1.948  |
| EXTREME SPREAD              | : | 3.402  | 2.748  | 2.548  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |        |

21 Jul 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C6346734

# CENTERFIRE PATTERNS # 4



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 5

3in = 6

HS= 3.281

VS= 1.706

GS= 3.313

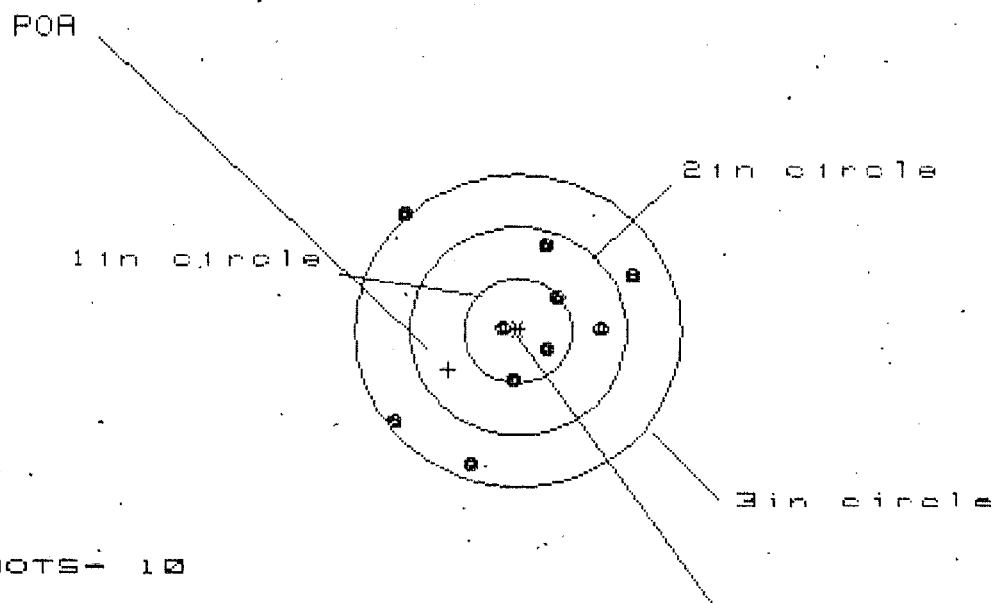
CENTROID \*

| PATTERN #                     | 4      |        |        |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.771  | 1.868  | .965   |
| MINIMUM X                     | -1.510 | -1.313 | -1.080 |
| MAXIMUM Y                     | .983   | 1.006  | .981   |
| MINIMUM Y                     | -.723  | -.700  | -.725  |
| CENTROID X                    | .474   | .277   | .044   |
| CENTROID Y                    | .297   | .274   | .299   |
| POA TO CENTROID in.           | .559   | .390   | .302   |
| MIN RADIUS                    | .478   | .424   | .424   |
| MEAN RADIUS                   | 1.134  | 1.034  | .896   |
| MAX RADIUS                    | 1.783  | 1.878  | 1.321  |
| HORIZONTAL SPREAD             | 3.281  | 3.181  | 2.045  |
| VERTICAL SPREAD               | 1.706  | 1.706  | 1.706  |
| EXTREME SPREAD                | 3.313  | 3.181  | 2.444  |
| NUMBER IN ONE INCH CIRCLE =   |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 6      |        |

21 Jul 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/06348734

# CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1in = 4

2in = 6

3in = 10

HS= 2.219

VS= 2.385

GS= 2.624

CENTROID #

| PATTERN #                     | 5      |        |        |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.090  | .978   | .822   |
| MINIMUM X                     | -1.129 | -1.241 | -.726  |
| MAXIMUM Y                     | 1.083  | .976   | .884   |
| MINIMUM Y                     | -1.302 | -1.181 | -1.273 |
| CENTROID X                    | .640   | .752   | .908   |
| CENTROID Y                    | .373   | .252   | .344   |
| POA TO CENTROID in.           | .741   | .794   | .971   |
| MIN RADIUS                    | .141   | .129   | .119   |
| MEAN RADIUS                   | .857   | .768   | .661   |
| MAX RADIUS                    | 1.483  | 1.442  | 1.465  |
| HORIZONTAL SPREAD             | 2.219  | 2.219  | 1.548  |
| VERTICAL SPREAD               | 2.385  | 2.157  | 2.157  |
| EXTREME SPREAD                | 2.624  | 2.624  | 2.411  |
| NUMBER IN ONE INCH CIRCLE =   |        | 4      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 10     |        |

**M2400062691**

# Final Inspection

S.N. C6348734

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**

|                            |                          |                     |                |
|----------------------------|--------------------------|---------------------|----------------|
| <b>R &amp; E NUMBER</b>    |                          | <u>14562</u>        |                |
| <b>SERIAL NUMBER</b>       |                          | <u>C6348734</u>     |                |
| <b>LOG-IN DATE</b>         |                          | <u>9-26-00</u>      |                |
| <b>INSPECT AND VERIFY:</b> |                          |                     |                |
| <b>OPERATION #</b>         | <b>OPERATION NAME</b>    | <b>DATE</b>         | <b>INITIAL</b> |
| 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 # c6348734  
23 Oct 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1114  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0944  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .146018

THE AMR FOR THIS RIFLE IS: 1.257

# CENTROIDAL DISTANCES

|   |    |   |         |
|---|----|---|---------|
| 0 | TO | 1 | .203828 |
| 1 | TO | 2 | .367483 |
| 1 | TO | 3 | .202714 |
| 1 | TO | 4 | .292072 |
| 1 | TO | 5 | .125936 |

4 15  
3 4 2 <----POA



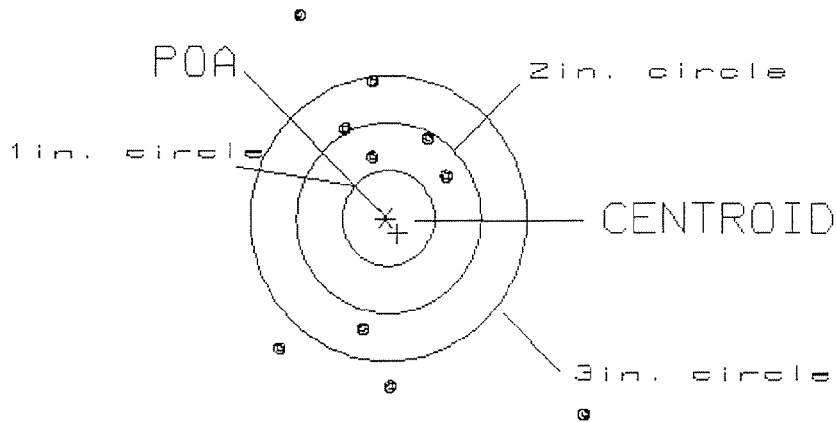
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .204  
 MIN RADIUS : .633  
 MEAN RADIUS : 1.467  
 MAX RADIUS : 2.933  
 CENTROID X : -.125  
 CENTROID Y : .161

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6348734

# CENTERFIRE PATTERN # 1



# OF SHOTS= 10

# IN CIRCLE

HS= 3.27  
 VS= 4.14  
 GS= 5.17

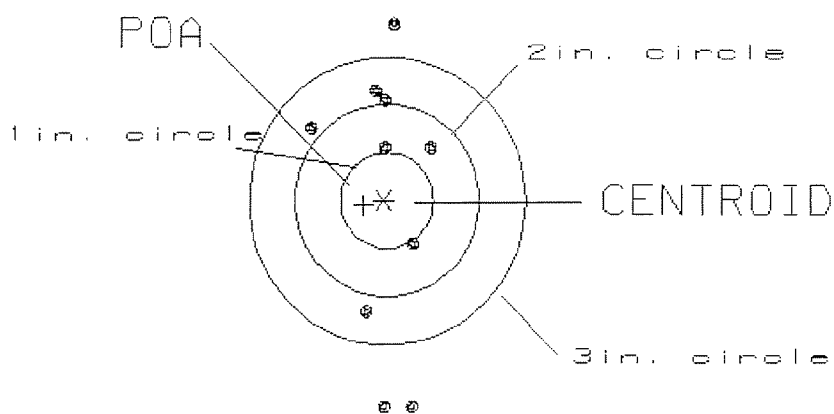
0  
 3  
 6

PATTERN #: C 2 C  
POA TO CENTROID: .230  
MIN RADIUS : .508  
MEAN RADIUS : 1.244  
MAX RADIUS : 2.194  
CENTROID X : .225  
CENTROID Y : .049

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6348734

## CENTERFIRE PATTERN # 2



# OF SHOTS= 10

# IN CIRCLE

HS= 1.35

0

VS= 4.04

3

GS= 4.04

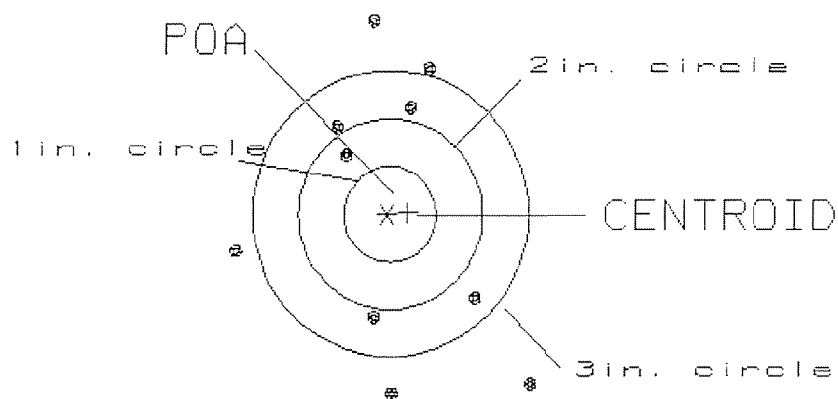
7

PATTERN #: 3  
 POA TO CENTROID: .223  
 MIN RADIUS : .737  
 MEAN RADIUS : 1.492  
 MAX RADIUS : 2.374  
 CENTROID X : -.222  
 CENTROID Y : -.017

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6348734

# CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 3.23

0

VS= 3.93

1

GS= 4.23

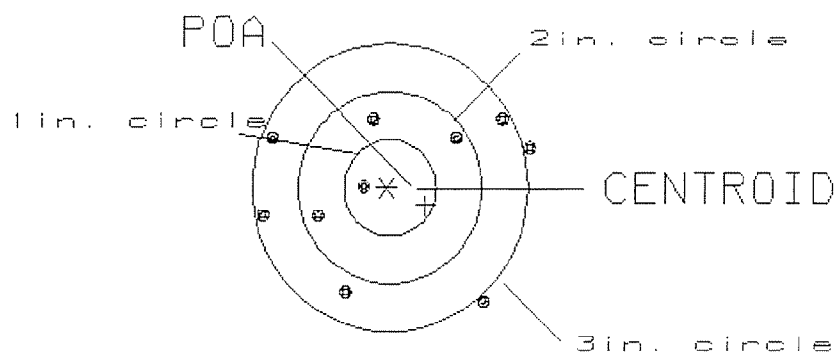
5

PATTERN #: 4  
 POA TO CENTROID: .456  
 MIN RADIUS : .268  
 MEAN RADIUS : 1.102  
 MAX RADIUS : 1.537  
 CENTROID X : -.416  
 CENTROID Y : .186

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6348734

# CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 2.85

1

VS= 1.87

4

GS= 2.95

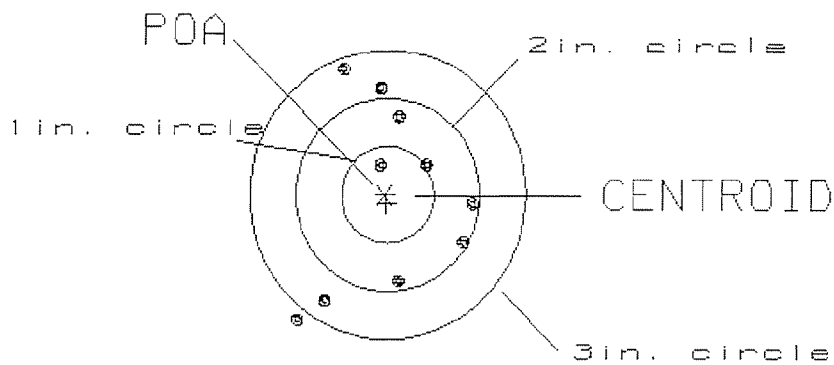
8

PATTERN #: 5  
 POA TO CENTROID: .095  
 MIN RADIUS : .306  
 MEAN RADIUS : .982  
 MAX RADIUS : 1.635  
 CENTROID X : -.019  
 CENTROID Y : .093

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6348734

# CENTERFIRE PATTERN # 5



# OF SHOTS= 10

# IN CIRCLE

HS= 1.93  
 VS= 2.62  
 GS= 2.67

1  
 6  
 9