

C6225140

MODEL 700<sup>TM</sup> M24

Model **SMS**<sup>TM</sup>

Action

Barrel Length

Capacity

Order No. **5715**

\*Includes 1 in chamber.

*Remington*

Repair Number: **RE00062012**

Serial: C6225140 Model 700 Center Fire Caliber.  
7.62 NATO M-24 (SWS)

Repairman:

### Verify Repair

Status:

Closed 2/21/2003 7:56:38 AM

### Address Information

Customer:

Received From

Return To:

Received From

Name: **COMMANDER**

COMMANDER

Address 1: 1ST CAY DIVISION

1ST CAV DIVISION

Address 2: BLDG 49015

PO Box

BLDG 49015

PO Box

City: FORT HOOD

FORT HOOD

State: TX

Zip Code: 76544

Country: US

State: TX

Zip Code: 76544

Country: US

FFL:

### Contact / Condition

## Problems

## Estimate

## History / Status

## Shipping / Billing

### - Contact Information

Phone:

Fax:

Email:

Comments:

## - Received Condition

POOR

Condition  
Notes:

CSR  
Notes:

### Accessories Received

| Code | Desc              | Qty |
|------|-------------------|-----|
| A007 | With Stud         | 1   |
| A010 | Hard Case         | 1   |
| A017 | Scope Base        | 1   |
| A026 | Scope             | 1   |
| X    | SCOPE CASE        | 1   |
| XX   | FRT & REAR SGT BA | 1   |

## Repair Search

**Refresh**

**Close**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225140.\_\_0  
FILE DATE AND TIME: 03/11/2003 11:35

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.088 |
| The Average Y Centroid of the Five Target Set:              | 0.031 |
| The Average Point of Impact of the Five Target Set:         | 0.093 |
| The Average Mean Radius of the Five Target Set:             | 0.760 |
| The Distance from POA to Centroid Target #1:                | 0.239 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.051 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.234 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.484 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.282 |

SERIAL NUMBER: C6225140. 0

TARGET NUMBER: 1

FILE DATE: 03/11/2003

FILE TIME: 11:35

X CENTROID: 0.160

Y CENTROID: 0.178

POA TO CENTROID: 0.239

HORZ SPREAD: 2.052

VERT SPREAD: 1.841

GROUP SPREAD: 2.602

MIN RADIUS: 0.194

MAX RADIUS: 1.394

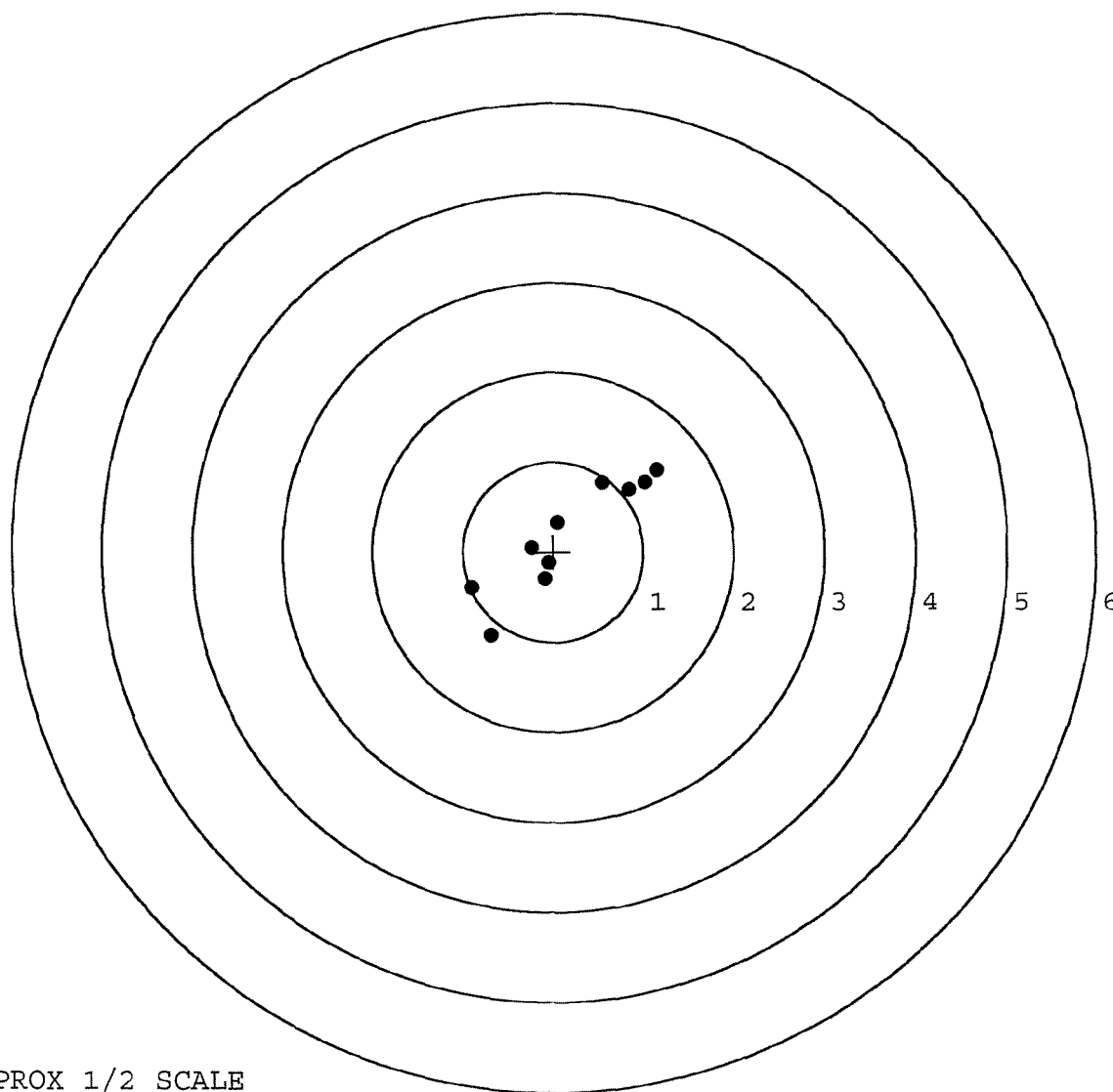
MEAN RADIUS: 0.798

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.689 | -0.928 |
| 2:     | -0.902 | -0.404 |
| 3:     | -0.098 | -0.306 |
| 4:     | -0.056 | -0.124 |
| 5:     | -0.246 | 0.051  |
| 6:     | 0.043  | 0.333  |
| 7:     | 0.543  | 0.768  |
| 8:     | 0.838  | 0.697  |
| 9:     | 1.015  | 0.776  |
| 10:    | 1.150  | 0.913  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225140. \_\_0

TARGET NUMBER: 2

FILE DATE: 03/11/2003

FILE TIME: 11:35

X CENTROID: 0.165

Y CENTROID: 0.127

POA TO CENTROID: 0.209

HORZ SPREAD: 1.763

VERT SPREAD: 2.522

GROUP SPREAD: 2.699

MIN RADIUS: 0.339

MAX RADIUS: 1.414

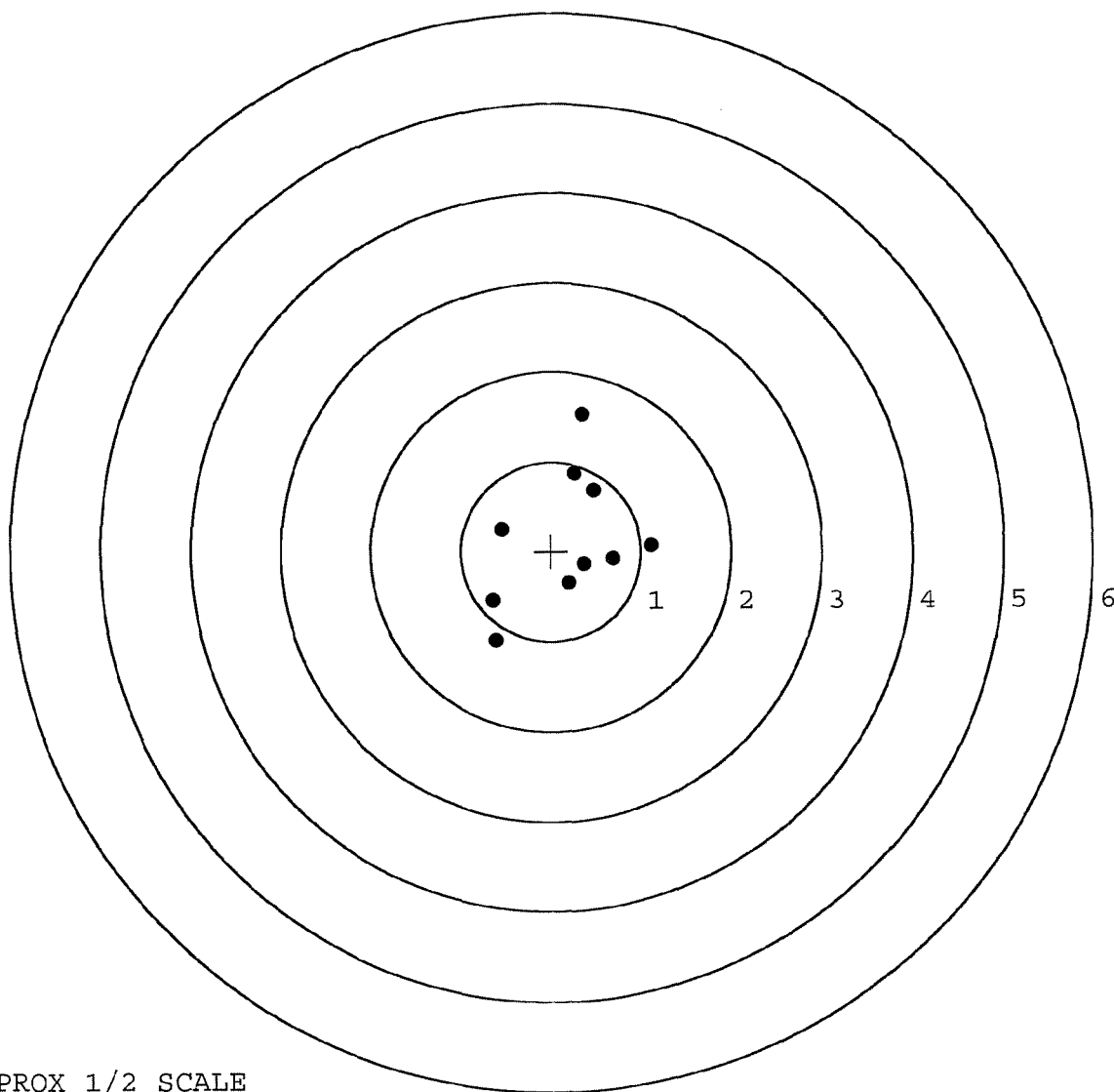
MEAN RADIUS: 0.829

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.615 | -0.992 |
| 2:     | -0.649 | -0.546 |
| 3:     | -0.547 | 0.250  |
| 4:     | 0.480  | 0.686  |
| 5:     | 0.265  | 0.867  |
| 6:     | 0.347  | 1.530  |
| 7:     | 1.114  | 0.063  |
| 8:     | 0.688  | -0.085 |
| 9:     | 0.373  | -0.141 |
| 10:    | 0.197  | -0.358 |

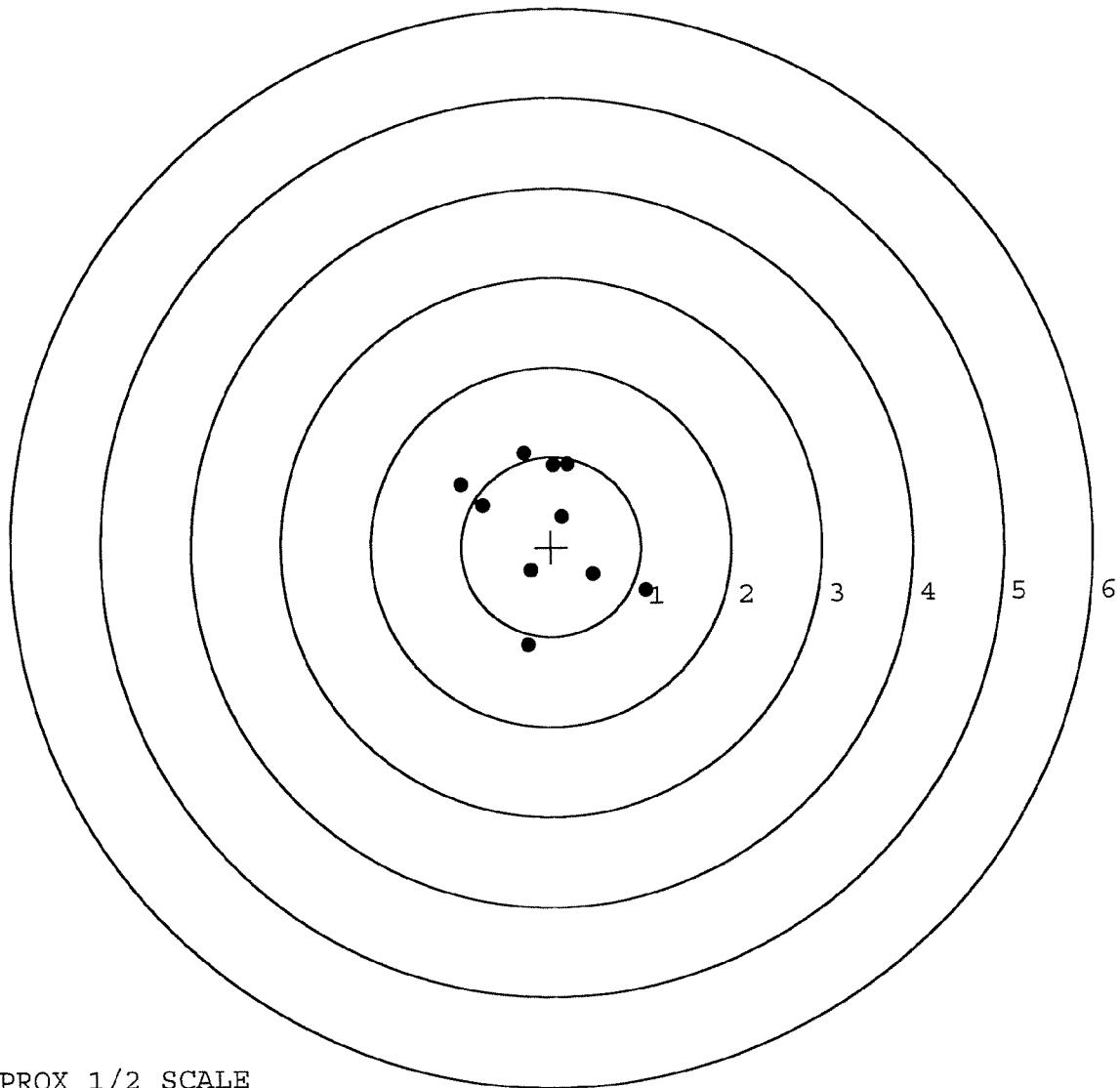


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225140. \_\_0  
 TARGET NUMBER: 3  
 FILE DATE: 03/11/2003  
 FILE TIME: 11:35

X CENTROID: -0.069  
 Y CENTROID: 0.222  
 POA TO CENTROID: 0.232  
 HORZ SPREAD: 2.048  
 VERT SPREAD: 2.138  
 GROUP SPREAD: 2.138  
 MIN RADIUS: 0.228  
 MAX RADIUS: 1.331  
 MEAN RADIUS: 0.822  
 # IN 1 IN DIAMETER: 1  
 # IN 2 IN DIAMETER: 7  
 # in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.048  | -0.495 |
| 2:     | 0.464  | -0.311 |
| 3:     | -0.268 | -1.094 |
| 4:     | -0.229 | -0.266 |
| 5:     | 0.126  | 0.339  |
| 6:     | 0.189  | 0.915  |
| 7:     | 0.027  | 0.909  |
| 8:     | -0.294 | 1.044  |
| 9:     | -0.758 | 0.473  |
| 10:    | -1.000 | 0.703  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225140. 0

TARGET NUMBER: 4

FILE DATE: 03/11/2003

FILE TIME: 11:35

X CENTROID: 0.168

Y CENTROID: -0.307

POA TO CENTROID: 0.350

HORZ SPREAD: 1.630

VERT SPREAD: 2.535

GROUP SPREAD: 2.646

MIN RADIUS: 0.225

MAX RADIUS: 1.641

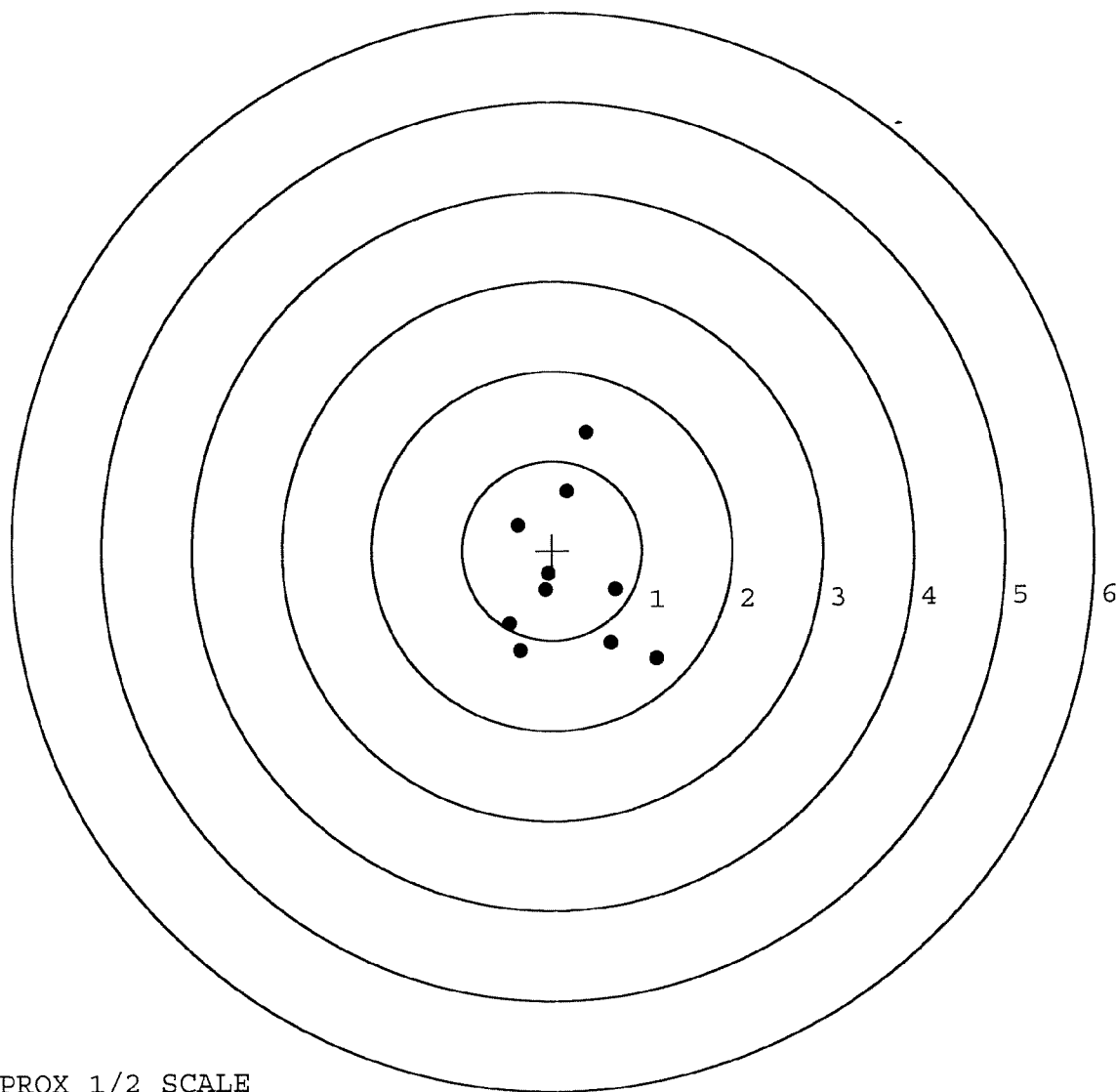
MEAN RADIUS: 0.847

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.147  | -1.216 |
| 2:     | 0.644  | -1.036 |
| 3:     | 0.697  | -0.444 |
| 4:     | -0.052 | -0.261 |
| 5:     | -0.081 | -0.440 |
| 6:     | -0.483 | -0.818 |
| 7:     | -0.370 | -1.115 |
| 8:     | -0.383 | 0.286  |
| 9:     | 0.173  | 0.658  |
| 10:    | 0.389  | 1.319  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225140. \_\_ 0

TARGET NUMBER: 5

FILE DATE: 03/11/2003

FILE TIME: 11:35

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.065  | -0.013 |
| 2:     | 0.336  | -0.620 |
| 3:     | -0.083 | -1.070 |
| 4:     | 0.476  | -0.016 |
| 5:     | 0.080  | 0.249  |
| 6:     | -0.051 | 0.373  |
| 7:     | 0.026  | 1.016  |
| 8:     | -0.005 | -0.345 |
| 9:     | -0.497 | -0.053 |
| 10:    | -0.187 | -0.166 |

X CENTROID: 0.016

Y CENTROID: -0.065

POA TO CENTROID: 0.066

HORZ SPREAD: 0.973

VERT SPREAD: 2.086

GROUP SPREAD: 2.089

MIN RADIUS: 0.071

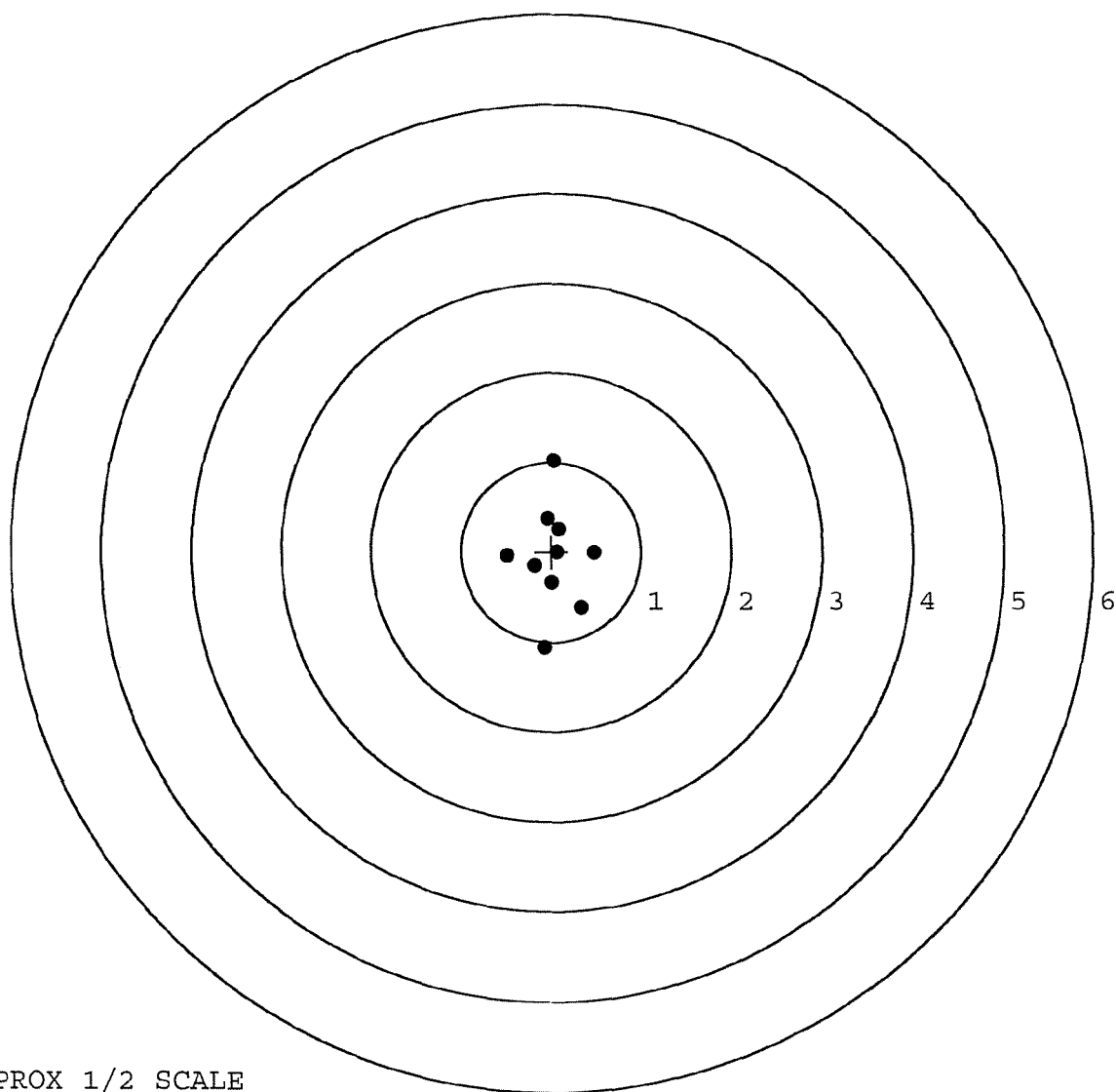
MAX RADIUS: 1.081

MEAN RADIUS: 0.505

# IN 1 IN DIAMETER: 6

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE



SERIAL # C6225140INSPECTED BY: RTLDATE REC'D: 2-21-03DATE RET'D: 3-10-03

## ITEM

## BARREL ASSEMBLY

☒ BARREL  
☒ RECEIVER  
☒ FRONT SIGHT BASE  
☒ REAR SIGHT BASE  
☒ SCREWS  
☒ FINISH

## SCOPE ASSEMBLY

☒ SCOPE  
☒ SCOPE RINGS  
☒ MOUNTING SCREWS  
☒ MOUNTING BASE  
☒ SCREWS  
☒ FINISH  
☒ CLARITY

## ITEM

## STOCK ASSEMBLY

☒ STOCK  
☒ SLING AWIVEL STUDS  
☒ ADJUSTABLE  
☒ BUTT PLATE  
☒ LOCK NUTS  
☒ BARREL CLEARANCE  
☒ COLOR / FINISH

## SYSTEMS CASE

☒ SCOPE CASE  
☒ IRON SIGHTS  
☒ DEPLOYMENT KIT

## TRIGGER ASSEMBLY

☒ SAFETY OPERATION  
☒ RE-SET TO FACTORY SPECS

COMMENTS:

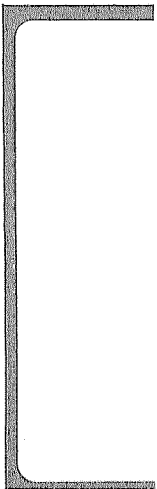
|                     |                     |           |         |
|---------------------|---------------------|-----------|---------|
| R & E NUMBER        | 62012               |           |         |
| SERIAL NUMBER       | C6225148            |           |         |
| LOG-IN DATE         | 2/21/03             |           |         |
| INSPECT AND VERIFY: |                     |           |         |
| OPERATION #         | OPERATION NAME      | DATE      | INITIAL |
| 550                 | DIS-ASSEMBLE GUN    | 2/24/03   | RTL     |
| 560 A               | RE-BARREL           | 2/24/03   | RTL     |
| B                   | DRILL AND TAP       | 2-24-03   | TRW     |
| 575                 | ASSEMBLE            | 2/24/03   | RTL     |
| 600                 | PROOF               | 2-24-03   | TRW     |
| 605                 | CHECK HEADSPACE     | 2-24-03   | RTL     |
| 610                 | DIS-ASSEMBLE GUN    | 2-24-03   | RTL     |
| 612                 | MAGNAFLUX           |           |         |
| 615                 | ROLLMARK CALIBER    | 2-24-03   | RTL     |
| 618                 | ROTO-BLAST          | 2-24-03   | JTY     |
| 620                 | APPLY COATINGS      | 3-3       | TA      |
| 625 A               | FINAL ASSEMBLY      | 3-7-03    | RTL     |
| B                   | TRIGGER PULL TEST   |           |         |
| C                   | SAFETY "ON" FORCE   |           |         |
| D                   | SAFETY "OFF" FORCE  |           |         |
| E                   | FIRING PIN INDENT   |           |         |
| 640                 | TARGET              | 3-10-03   | TRW     |
| 655                 | FINAL INSPECT       | 3-10-03   | RTL     |
| 660                 | PACK                | 3-11-03   | RA      |
|                     |                     |           |         |
|                     |                     |           |         |
|                     |                     |           |         |
|                     |                     |           |         |
|                     |                     |           |         |
|                     |                     | SHIP DATE |         |
|                     |                     |           |         |
|                     | QAR INSPECTION DATE |           |         |

|                                                                                                     |  |                                             |                                                                                           |
|-----------------------------------------------------------------------------------------------------|--|---------------------------------------------|-------------------------------------------------------------------------------------------|
| <b>Remington</b> <sup>®</sup>                                                                       |  | <b>DU PONT</b><br>REG. U.S. PAT. & TM. OFF. | VERY IMPORTANT:<br>Instruction Book<br>enclosed to assure<br>safe use of this<br>firearm. |
| <b>MODEL 700<sup>TM</sup> M24</b>                                                                   |  | <b>SERIAL NO.</b><br>C6225140               | <b>ORDER NO.</b><br><b>5716</b>                                                           |
| MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Trm. Off, Marca Registrada Marque Deposee.               |  | 01                                          |                                                                                           |
| <br>5716 C6225140 |  |                                             |                                                                                           |

UPC



0 47700 25716 7



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225140

| 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 | Q.S. |
| 617          | Drill and Tap Sight Holes                                      | 4 14     | 89      | L.B. |
| 618          | Polish Barrel RB                                               | 4 14     | 89      | BT   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 4/19/89 | TSB  |
|              | Apply Coating (Bolt)                                           |          |         |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 5/4/89  | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 5/4/89  | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 5/4/89  | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 5/4/89  | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 5/4/89  | WB   |

| op. #        | BARBER - M24 0049869<br>OP. NAME                            | READINGS |      |      |      |      | DATE       | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|------|------|------------|------|
| 625<br>cont. | F) Safety On Force                                          | 7        | 7    | 7    |      |      | 5/8/89     | GU   |
|              | G) Safety Off Force                                         | 4        | 4    | 3    |      |      | 5/1/89     | GU   |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |      |      | 3/9/89     | W3   |
|              | I) Firing Pin Indent                                        | .020     | .020 | .020 |      |      | 5/9/89     | GU   |
|              | J) Assemble Stock                                           |          |      |      |      |      | 5/10/89    | RW   |
|              | K) Assemble Swivel Studs                                    |          |      |      |      |      | 15 May 89  | GS   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |      |      |      | 5/10/89    | RW   |
|              | M) Iron Sight Alignment                                     |          |      |      |      |      | 5/10/89    | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |      |      |      | 5/10/89    | RW   |
|              | O) Attach Scope to Rifle                                    |          |      |      |      |      | 5/10/89    | GU   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |      |      |      | 5/10/89    | GU   |
| 640          | Gallery Target & Test                                       | 81R      | 72L  |      |      |      | 5-11-89    | A    |
|              | A) Time                                                     |          |      |      |      |      | 11         | A    |
|              | B) Malfunctions                                             |          |      |      |      |      | 11         | A    |
|              | C) Pierced Primers                                          |          |      |      |      |      | 11         | A    |
|              | D) Optical Clarity of Scope                                 |          |      |      |      |      | 11         | A    |
| 645          | Inspect for Live Ammo                                       |          |      |      |      |      | 5-11-89    | A    |
| 655          | Final Inspection                                            |          |      |      |      |      |            |      |
|              | A) Headspace                                                |          |      |      |      |      | 15 May 89  | GS   |
|              | B) Trigger Pull                                             | 2.62     | 2.80 | 2.63 | 2.69 | 2.72 | 15 May 89  | GS   |
|              | C) Function                                                 |          |      |      |      |      | 15 May 89  | GS   |
| 660          | Pack                                                        |          |      |      |      |      | 21 June 89 | GS   |

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

SERIAL NO. C6348934DATE 27 Oct 89TESTER JS

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.55             | 2.59                     | 2.81                           | 2.77 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.56             | 2.54                     | 2.53                           | 2.75 |                                                                        |
| PULL #3 | 2.38             | 2.58                     | 2.82                           | 2.81 |                                                                        |
| PULL #4 | 2.43             | 2.47                     | 2.59                           | 2.75 |                                                                        |
| PULL #5 | 2.40             | 2.50                     | 2.71                           | 2.72 |                                                                        |
| TOTAL   | 1232             | 1268                     | 1376                           | 1380 |                                                                        |
| AVG.    | 2.464            | 2.536                    | 2.692                          | 2.76 |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.11             | 3.04                     |  |          |
| PULL #2 | 3.28             | 3.26                     |  |          |
| PULL #3 | 3.20             | 3.23                     |  |          |
| PULL #4 | 3.24             | 3.32                     |  |          |
| PULL #5 | 3.12             | 3.35                     |  |          |
| TOTAL   | 1595             | 1620                     |  |          |
| AVG.    | 3.19             | 3.24                     |  |          |

|         | 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 | 4.33             | 4.45                     |                                | 4.39                                 |
| PULL #2 | 4.19             | 4.30                     |                                | 4.46                                 |
| PULL #3 | 4.16             | 4.36                     |                                | 4.25                                 |
| PULL #4 | 4.14             | 4.13                     |                                | 3.89                                 |
| PULL #5 | 4.15             | 4.33                     |                                | 4.39                                 |
| TOTAL   | 2097             | 2157                     |                                | 2138                                 |
| AVG.    | 4.194            | 4.314                    |                                | 4.276                                |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6225140  
15 May 1989

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .657062 |
| 1 TO | 2 | .713808 |
| 1 TO | 3 | .71458  |
| 1 TO | 4 | .354831 |
| 1 TO | 5 | .992271 |

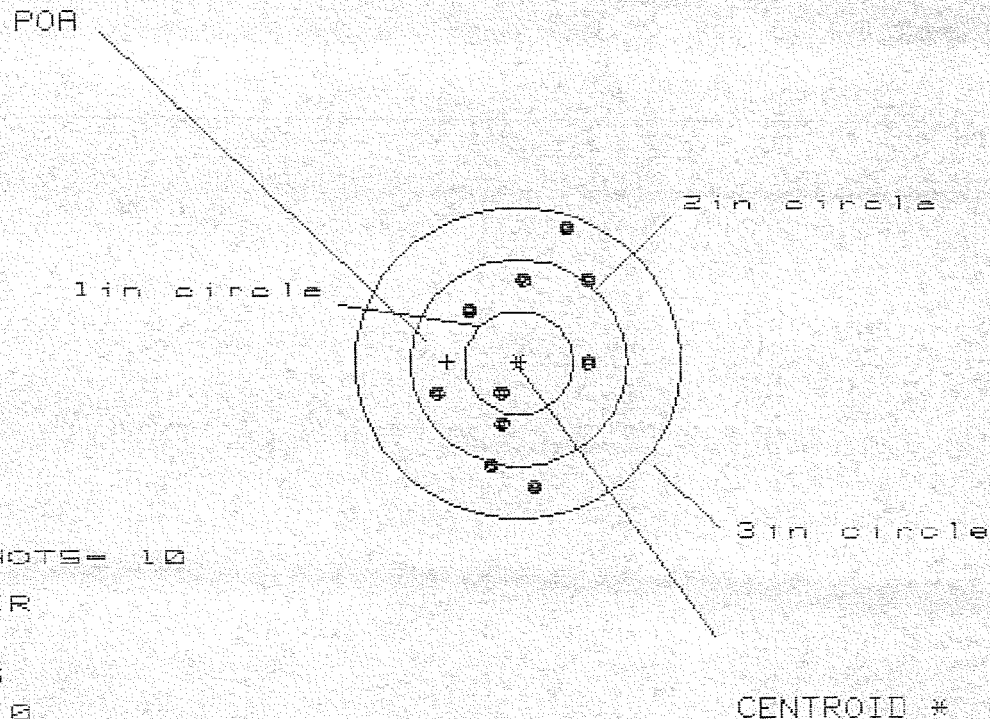
+41 <----POA  
52

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2614  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3952  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .473828  
THE AMR FOR THIS RIFLE IS: .8786

11 May 1985

FILE:/PATTERNING/CENTERFIRE\_PATT/C6225140

## CENTERFIRE PATTERNS # 1



# OF SHOTS= 10

# IN CIR

1 in = 1

2 in = 6

3 in = 10

HS= 1.437

VS= 2.490

GS= 2.500

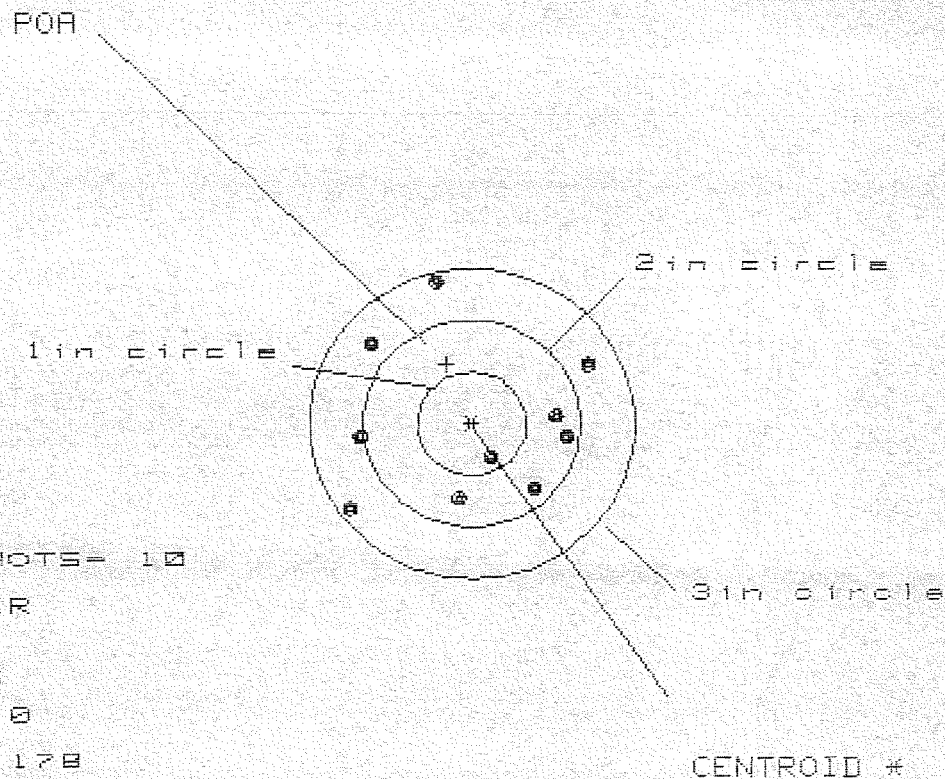
| PATTERN #                   | : | 1      | 9      | 8      |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | .650   | .698   | .720   |
| MINIMUM X                   | : | -.787  | -.739  | -.717  |
| MAXIMUM Y                   | : | 1.288  | .936   | .803   |
| MINIMUM Y                   | : | -1.202 | -1.059 | -1.006 |
| CENTROID X                  | : | .657   | .609   | .587   |
| CENTROID Y                  | : | -.009  | -.152  | -.019  |
| POA TO CENTROID in.         | : | .657   | .628   | .587   |
| MIN RADIUS                  | : | .303   | .162   | .262   |
| MEAN RADIUS                 | : | .848   | .766   | .731   |
| MAX RADIUS                  | : | 1.357  | 1.148  | 1.058  |
| HORIZONTAL SPREAD           | : | 1.437  | 1.437  | 1.437  |
| VERTICAL SPREAD             | : | 2.490  | 1.995  | 1.809  |
| EXTREME SPREAD              | : | 2.508  | 2.053  | 1.999  |
| NUMBER IN ONE INCH CIRCLE   | = | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |        |



11 May 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/08225140

## CENTERFIRE PATTERNS # 2



# OF SHOTS= 10

# IN CIR

1 in = 1

2 in = 6

3 in = 10

HS= 2.178

VS= 2.195

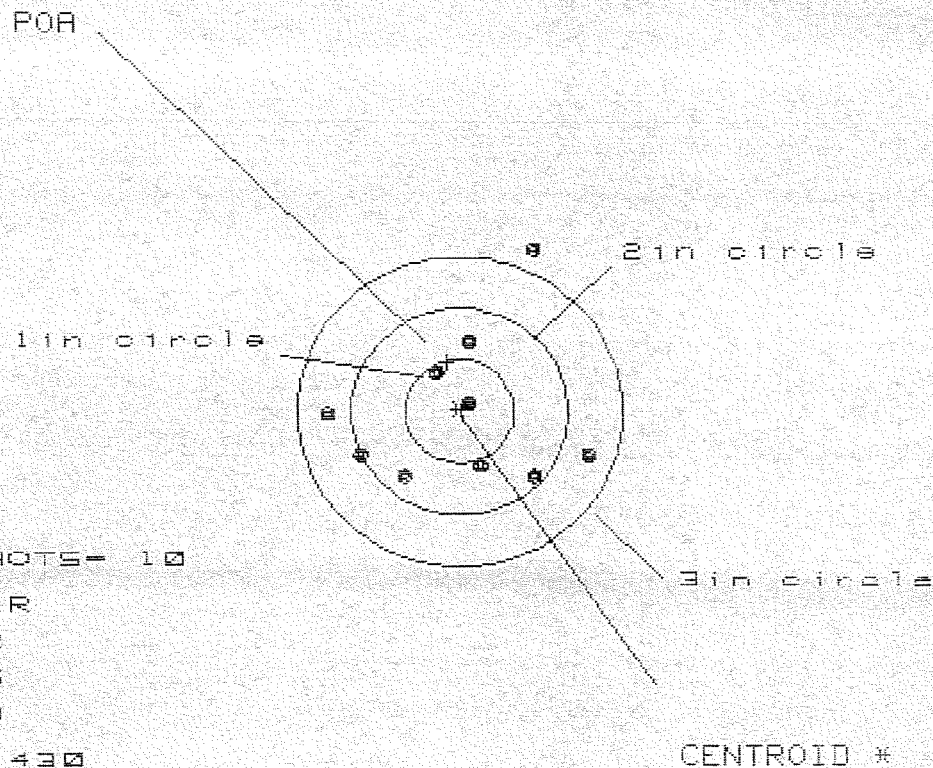
GS= 2.602

| PATTERN #                   | : | 2      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.052  | .926   | .869   |
| MINIMUM X                   | : | -1.126 | -1.102 | -1.159 |
| MAXIMUM Y                   | : | 1.347  | 1.252  | .809   |
| MINIMUM Y                   | : | -.848  | -.839  | -.682  |
| CENTROID X                  | : | .226   | .352   | .409   |
| CENTROID Y                  | : | -.578  | -.483  | -.640  |
| POA TO CENTROID in.         | : | .620   | .598   | .759   |
| MIN RADIUS                  | : | .380   | .420   | .257   |
| MEAN RADIUS                 | : | .979   | .919   | .822   |
| MAX RADIUS                  | : | 1.410  | 1.333  | 1.371  |
| HORIZONTAL SPREAD           | : | 2.178  | 2.028  | 2.028  |
| VERTICAL SPREAD             | : | 2.195  | 2.091  | 1.491  |
| EXTREME SPREAD              | : | 2.602  | 2.151  | 2.145  |
| NUMBER IN ONE INCH CIRCLE   | = | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE   | = | 6      |        |        |
| NUMBER IN THREE INCH CIRCLE | = | 10     |        |        |

11 May 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/08225140

## CENTERFIRE PATTERNS # 3



# OF SHOTS= 10

# IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.430

VS= 2.185

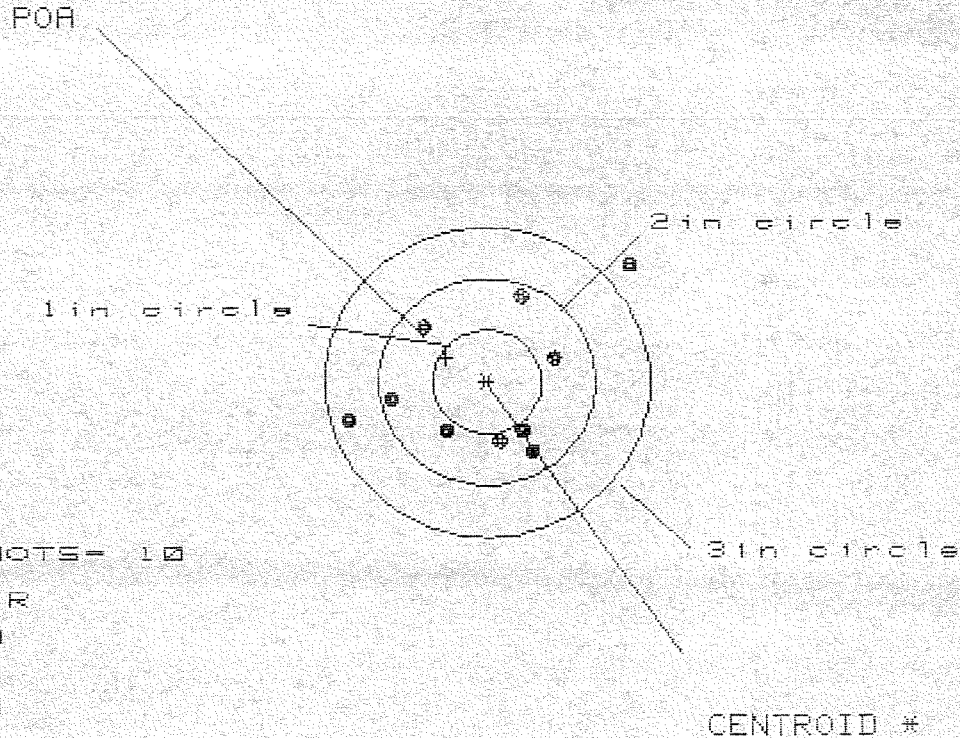
GS= 2.526

| PATTERN #                     | 3      | 3      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.190  | 1.260  | .899   |
| MINIMUM X                     | -1.240 | -1.170 | -1.012 |
| MAXIMUM Y                     | 1.563  | .840   | .904   |
| MINIMUM Y                     | -.622  | -.448  | -.484  |
| CENTROID X                    | .117   | .047   | -.111  |
| CENTROID Y                    | -.477  | -.651  | -.615  |
| POA TO CENTROID in.           | .491   | .653   | .625   |
| MIN RADIUS                    | .073   | .247   | .339   |
| MEAN RADIUS                   | .865   | .771   | .703   |
| MAX RADIUS                    | 1.687  | 1.293  | 1.021  |
| HORIZONTAL SPREAD             | 2.430  | 2.430  | 1.911  |
| VERTICAL SPREAD               | 2.185  | 1.288  | 1.288  |
| EXTREME SPREAD                | 2.526  | 2.470  | 2.004  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 6      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 9      |        |        |

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## CENTERFIRE PATTERNS # 4



# OF SHOTS= 10

# IN CIR

1 in = 0

2 in = 8

3 in = 9

HS= 2.569

VS= 1.831

GS= 3.003

CENTROID \*

| PATTERN #                     | 4      |
|-------------------------------|--------|
| SHOTS (BEST OF)               | 10     |
| MAXIMUM X                     | 1.326  |
| MINIMUM X                     | -1.243 |
| MAXIMUM Y                     | 1.142  |
| MINIMUM Y                     | -.689  |
| CENTROID X                    | .381   |
| CENTROID Y                    | -.232  |
| POA TO CENTROID in.           | .446   |
| MIN RADIUS                    | .542   |
| MEAN RADIUS                   | .887   |
| MAX RADIUS                    | 1.750  |
| HORIZONTAL SPREAD             | 2.569  |
| VERTICAL SPREAD               | 1.831  |
| EXTREME SPREAD                | 3.003  |
| NUMBER IN ONE INCH CIRCLE =   | 0      |
| NUMBER IN TWO INCH CIRCLE =   | 8      |
| NUMBER IN THREE INCH CIRCLE = | 9      |

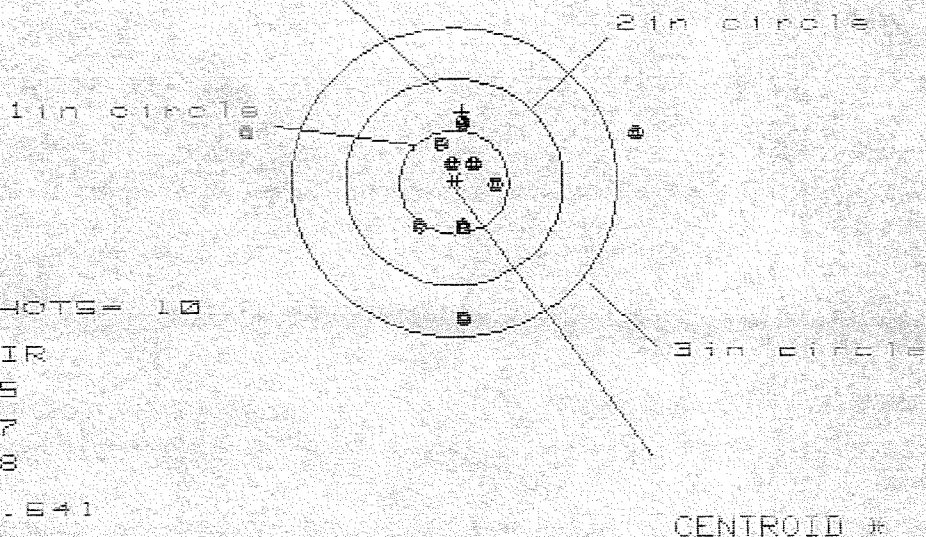


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## CENTERFIRE PATTERNS # 5

POA



# OF SHOTS= 10

# IN CIR

1 in = 5

2 in = 7

3 in = 8

HS= 3.641

VS= 1.951

GS= 3.641

CENTROID #

| PATTERN #                   | 5      |
|-----------------------------|--------|
| SHOTS (BEST OF)             | 10     |
| MAXIMUM X                   | 1.682  |
| MINIMUM X                   | -1.959 |
| MAXIMUM Y                   | .591   |
| MINIMUM Y                   | -1.360 |
| CENTROID X                  | -.074  |
| CENTROID Y                  | -.680  |
| POA TO CENTROID in.         | .684   |
| MIN RADIUS                  | .177   |
| MEAN RADIUS                 | .774   |
| MAX RADIUS                  | 2.015  |
| HORIZONTAL SPREAD           | 3.641  |
| VERTICAL SPREAD             | 1.951  |
| EXTREME SPREAD              | 3.641  |
| NUMBER IN ONE INCH CIRCLE   | 5      |
| NUMBER IN TWO INCH CIRCLE   | 7      |
| NUMBER IN THREE INCH CIRCLE | 8      |