

C6587507

MODEL 700™ M24

Model **5M5**™

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.

*Remington*

## Repair Inquiry

Repair Number: RE00092460

Serial: C6587507 Model: M24 SWS Center Fire  
Caliber: 7.62 NATO Produced: 03/18/1991

Repairman:

Status:

Closed 2/4/2005 9:37:26 AM

Verify Repair:

## Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEF DIST DEPOT ANNISTON

DEF DIST DEPOT ANNISTON

Address 1:

Address 2:

PO Box:

City: ANNISTON

ANNISTON

State: AL

Zip Code:

362014199

Country: US

State: AL

Zip Code:

362014199

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

## Contact Information

Phone:

Fax:

Email:

Comments:

## Received Condition

Good

Condition:

Notes:

CSR:

Notes:

## Accessories Received

| Code | Desc                    | Qty |
|------|-------------------------|-----|
| A007 | With Stud               | 3   |
| A010 | Hard Case               | 1   |
| A017 | Scope Base              | 1   |
| A026 | Scope                   | 1   |
| A057 | Front and Rear Sgt Base | 1   |

Repair Search

Refresh

Close

magletj

2/7/2005

11:26 AM

CAPS

NUM

INS

SCPL

start

3

3

ARMS SERVICES

3

M

Serial Number:

C6587507

Model: M24 SWS



RE00092460

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587507.\_\_\_0

FILE DATE AND TIME: 05/04/2005 06:30

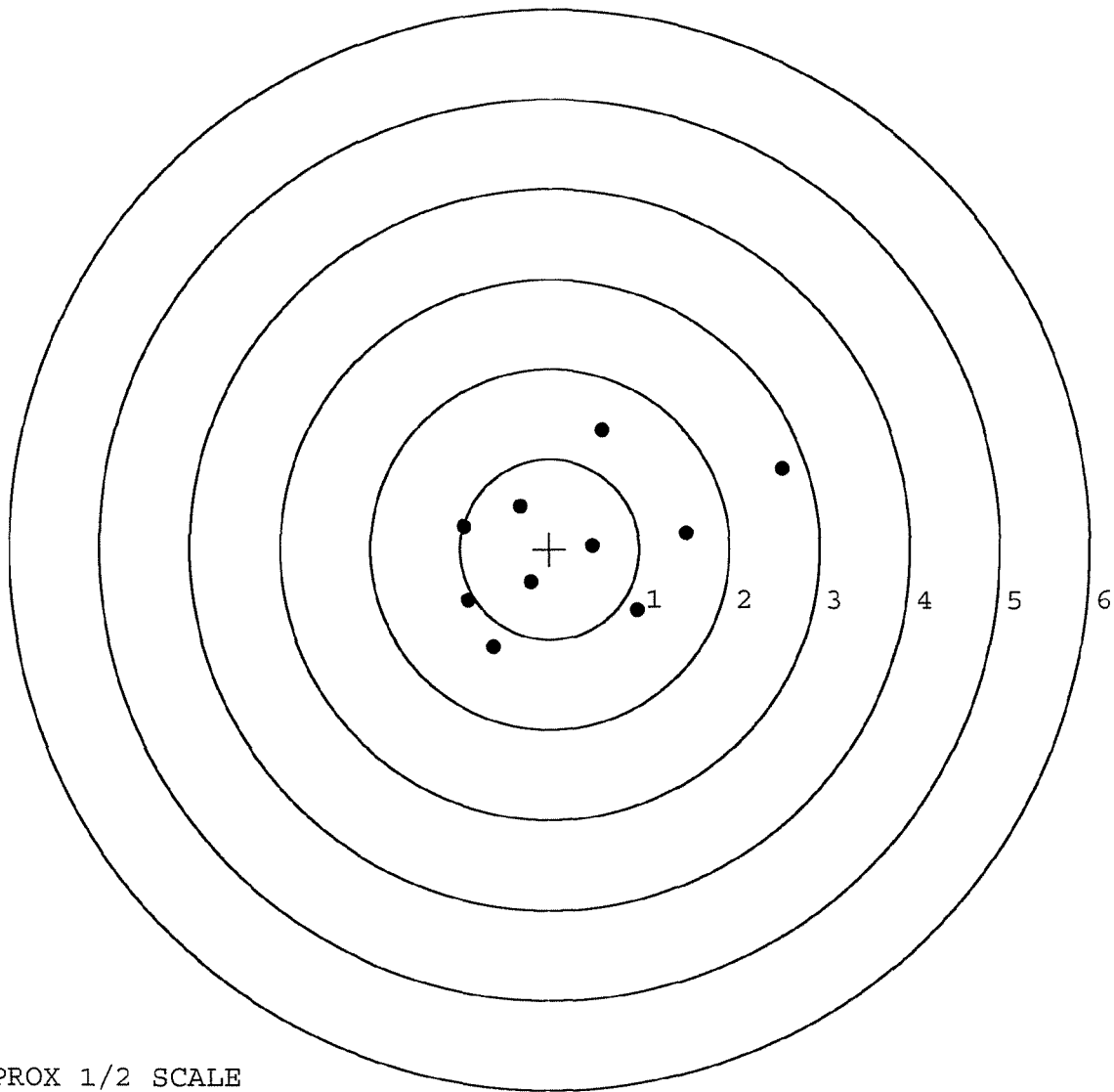
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.088  |
| The Average Y Centroid of the Five Target Set:              | -0.019 |
| The Average Point of Impact of the Five Target Set:         | 0.090  |
| The Average Mean Radius of the Five Target Set:             | 0.963  |
| The Distance from POA to Centroid Target #1:                | 0.316  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.414  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.432  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.066  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.311  |

SERIAL NUMBER: C6587507. \_\_0  
 TARGET NUMBER: 1  
 FILE DATE: 05/04/2005  
 FILE TIME: 06:30

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 2.586  | 0.897  |
| 2:     | 1.517  | 0.191  |
| 3:     | 0.977  | -0.680 |
| 4:     | 0.482  | 0.040  |
| 5:     | 0.592  | 1.325  |
| 6:     | -0.328 | 0.478  |
| 7:     | -0.211 | -0.368 |
| 8:     | -0.965 | 0.251  |
| 9:     | -0.909 | -0.570 |
| 10:    | -0.620 | -1.090 |

X CENTROID: 0.312  
 Y CENTROID: 0.047  
 POA TO CENTROID: 0.316  
 HORZ SPREAD: 3.551  
 VERT SPREAD: 2.415  
 GROUP SPREAD: 3.790  
 MIN RADIUS: 0.170  
 MAX RADIUS: 2.427  
 MEAN RADIUS: 1.168  
 # IN 1 IN DIAMETER: 1  
 # IN 2 IN DIAMETER: 4  
 # in 3 IN DIAMETER: 9



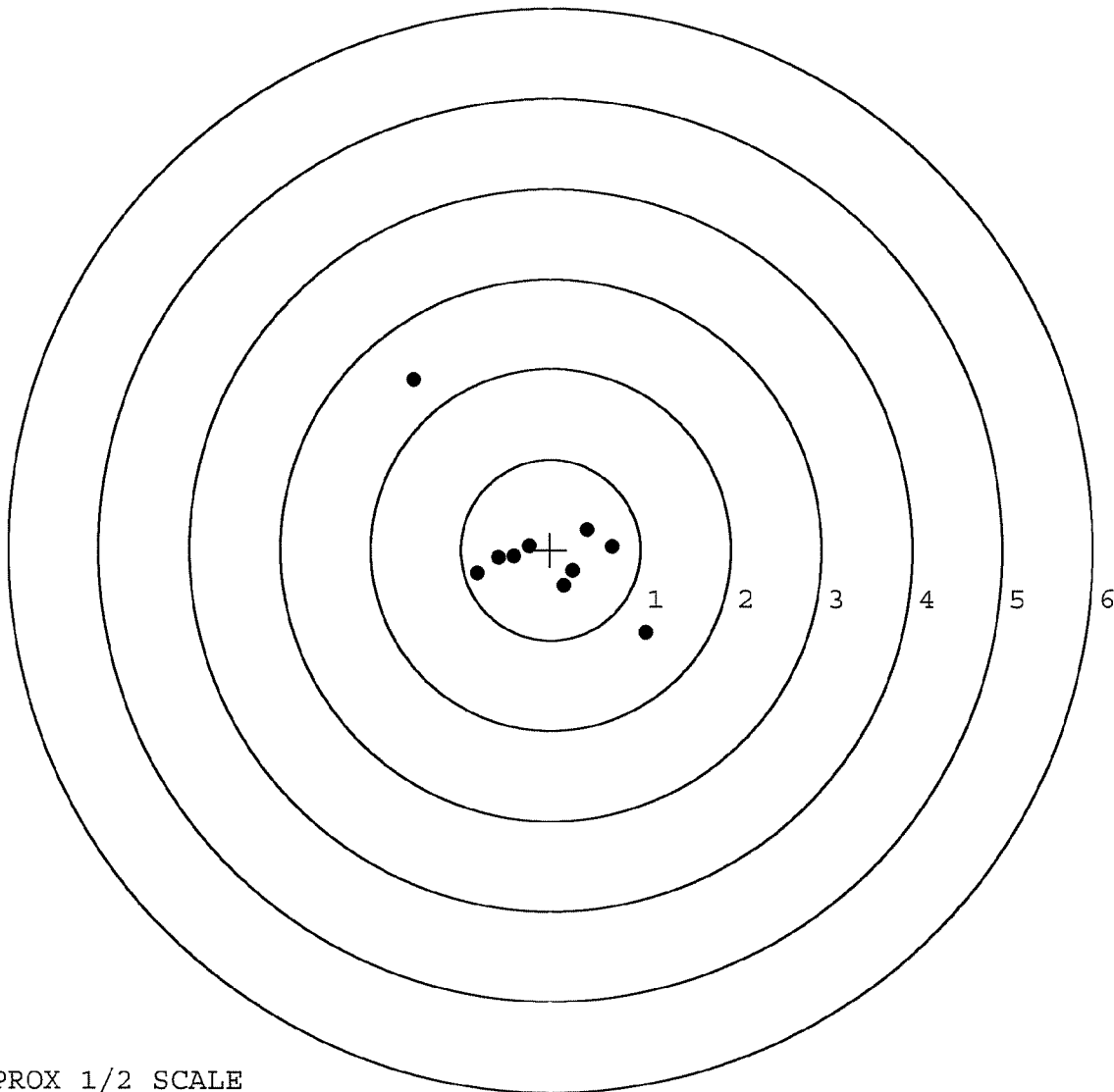
TARGET APPROX 1/2 SCALE

**BARBER - M24 0021698**

SERIAL NUMBER: C6587507. \_\_0  
 TARGET NUMBER: 2  
 FILE DATE: 05/04/2005  
 FILE TIME: 06:30

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.056  | -0.923 |
| 2:     | 0.690  | 0.037  |
| 3:     | 0.407  | 0.222  |
| 4:     | -1.520 | 1.878  |
| 5:     | 0.248  | -0.234 |
| 6:     | 0.148  | -0.406 |
| 7:     | -0.234 | 0.042  |
| 8:     | -0.407 | -0.079 |
| 9:     | -0.586 | -0.093 |
| 10:    | -0.815 | -0.262 |

X CENTROID: -0.101  
 Y CENTROID: 0.018  
 POA TO CENTROID: 0.103  
 HORZ SPREAD: 2.576  
 VERT SPREAD: 2.801  
 GROUP SPREAD: 3.805  
 MIN RADIUS: 0.135  
 MAX RADIUS: 2.339  
 MEAN RADIUS: 0.781  
 # IN 1 IN DIAMETER: 5  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 9

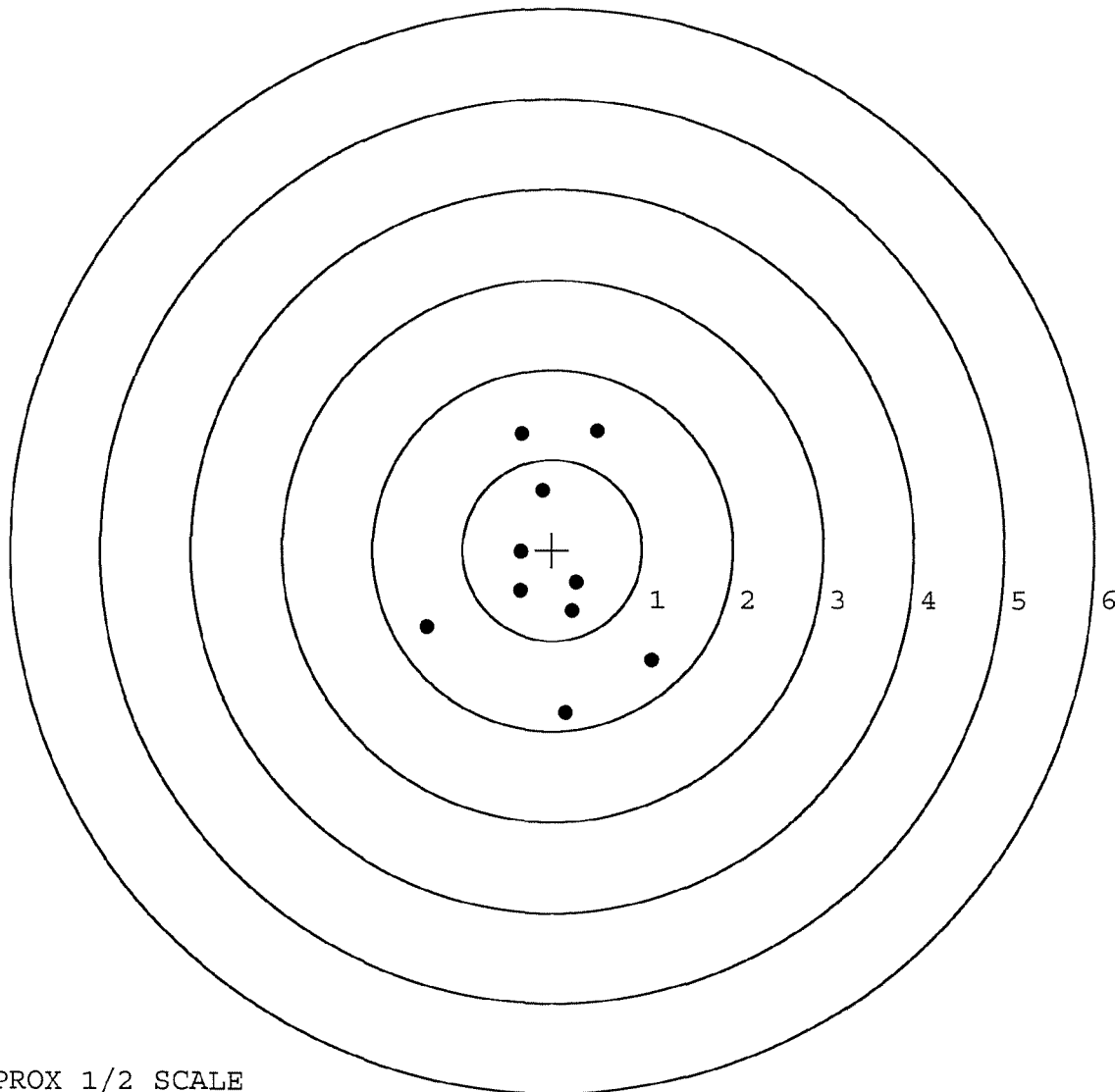


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587507. \_\_0  
 TARGET NUMBER: 3  
 FILE DATE: 05/04/2005  
 FILE TIME: 06:30

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.104  | -1.222 |
| 2:     | 0.156  | -1.806 |
| 3:     | 0.220  | -0.675 |
| 4:     | 0.267  | -0.362 |
| 5:     | -0.359 | -0.455 |
| 6:     | -0.350 | -0.028 |
| 7:     | -1.400 | -0.855 |
| 8:     | -0.108 | 0.655  |
| 9:     | 0.500  | 1.316  |
| 10:    | -0.346 | 1.283  |

X CENTROID: -0.032  
 Y CENTROID: -0.215  
 POA TO CENTROID: 0.217  
 HORZ SPREAD: 2.504  
 VERT SPREAD: 3.122  
 GROUP SPREAD: 3.141  
 MIN RADIUS: 0.333  
 MAX RADIUS: 1.621  
 MEAN RADIUS: 1.029  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 5  
 # in 3 IN DIAMETER: 5



TARGET APPROX 1/2 SCALE

**BARBER - M24 0021700**

SERIAL NUMBER: C6587507. \_\_0

TARGET NUMBER: 4

FILE DATE: 05/04/2005

FILE TIME: 06:30

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.672  | -0.417 |
| 2:     | 1.941  | -0.127 |
| 3:     | -0.081 | -2.010 |
| 4:     | 0.719  | 0.346  |
| 5:     | 0.411  | 0.291  |
| 6:     | 0.185  | 0.412  |
| 7:     | 0.287  | 1.102  |
| 8:     | -0.511 | -0.378 |
| 9:     | -0.773 | -0.554 |
| 10:    | -0.321 | 2.094  |

X CENTROID: 0.253

Y CENTROID: 0.076

POA TO CENTROID: 0.264

HORZ SPREAD: 2.714

VERT SPREAD: 4.104

GROUP SPREAD: 4.111

MIN RADIUS: 0.267

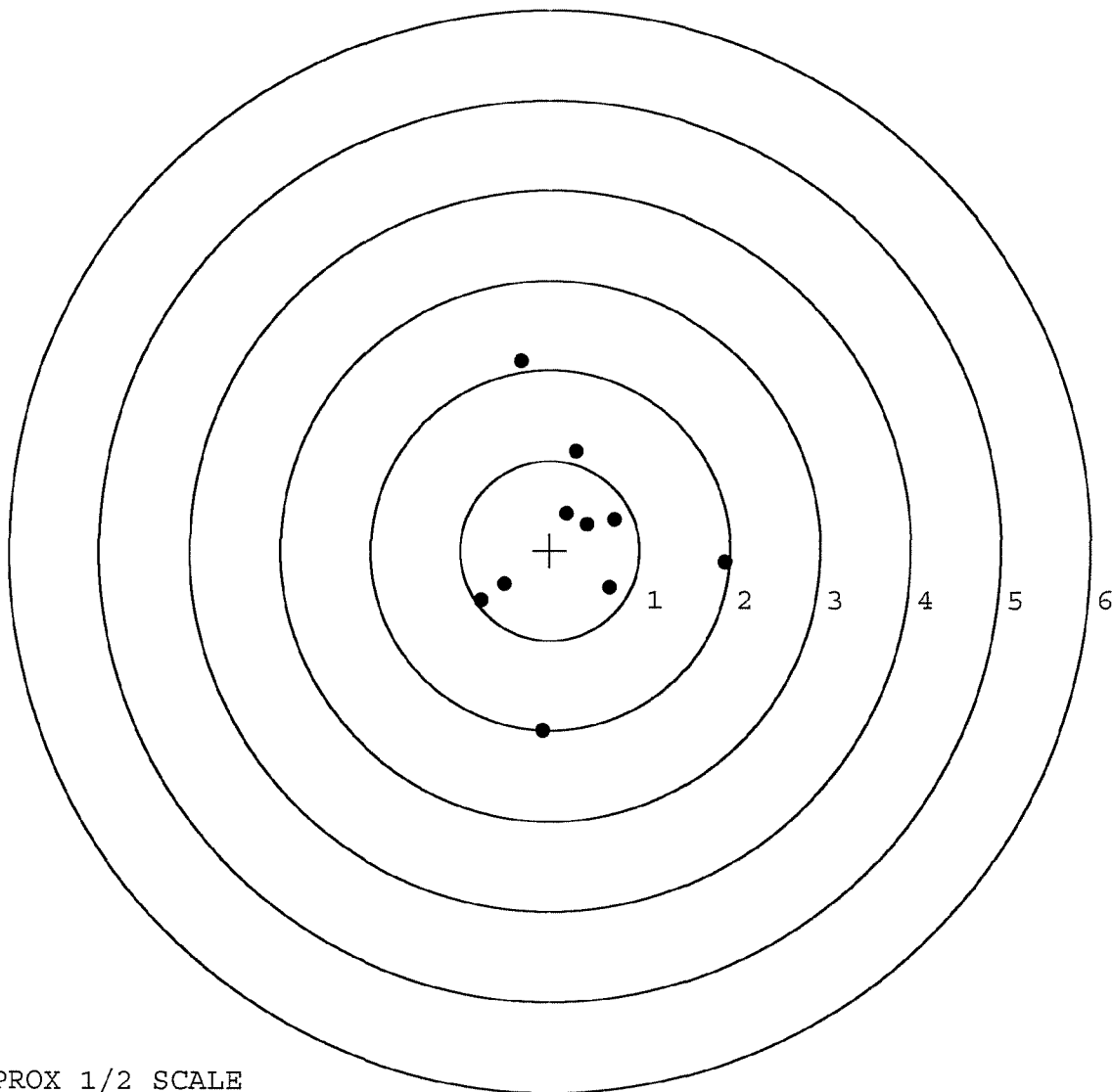
MAX RADIUS: 2.112

MEAN RADIUS: 1.083

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 5

# in 3 IN DIAMETER: 7

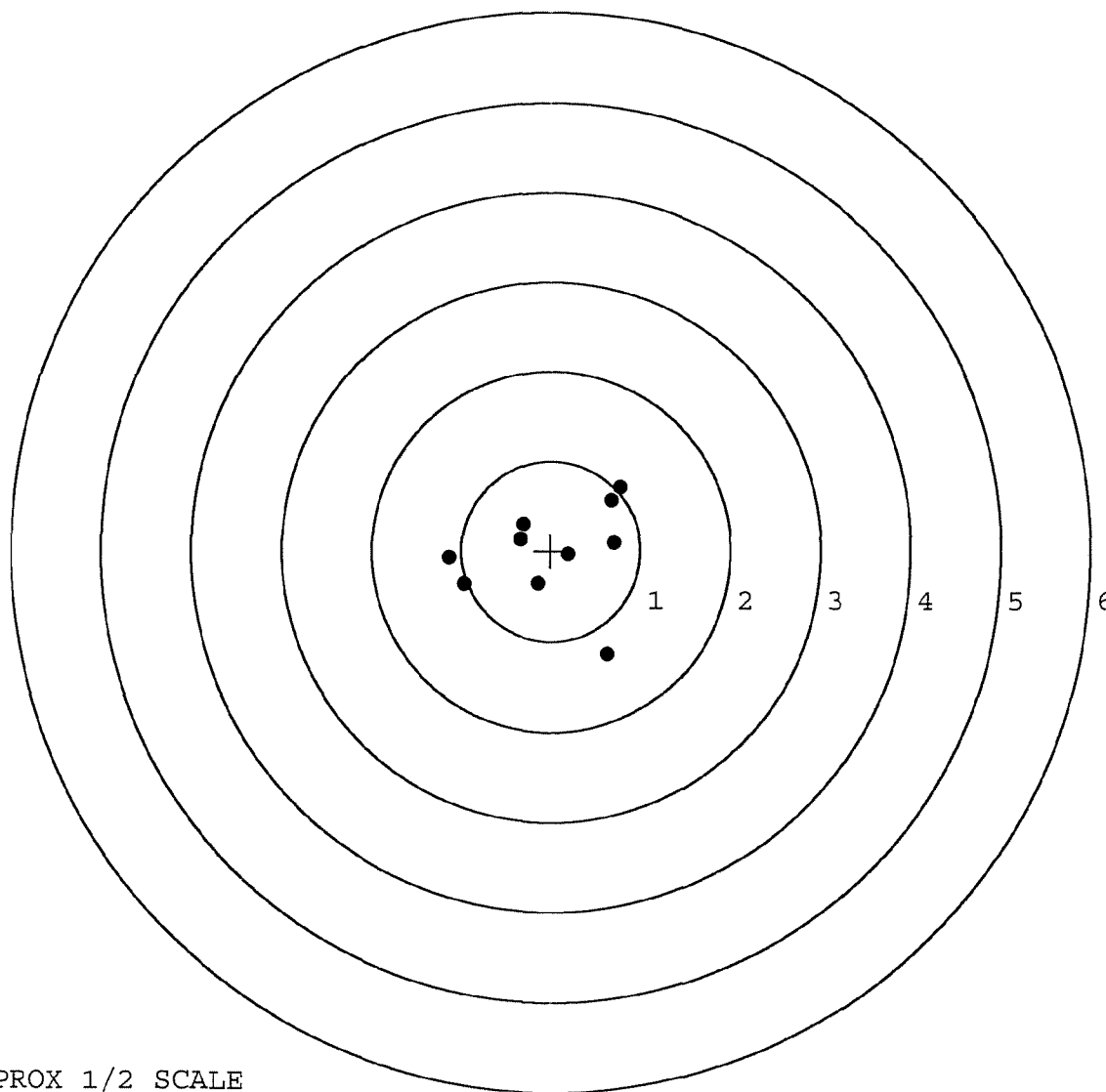


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587507. \_\_0  
 TARGET NUMBER: 5  
 FILE DATE: 05/04/2005  
 FILE TIME: 06:30

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.628  | -1.144 |
| 2:     | 0.709  | 0.092  |
| 3:     | 0.778  | 0.710  |
| 4:     | 0.680  | 0.564  |
| 5:     | 0.199  | -0.041 |
| 6:     | -0.143 | -0.371 |
| 7:     | -0.337 | 0.125  |
| 8:     | -0.313 | 0.294  |
| 9:     | -0.973 | -0.379 |
| 10:    | -1.134 | -0.081 |

X CENTROID: 0.009  
 Y CENTROID: -0.023  
 POA TO CENTROID: 0.025  
 HORZ SPREAD: 1.912  
 VERT SPREAD: 1.854  
 GROUP SPREAD: 2.058  
 MIN RADIUS: 0.190  
 MAX RADIUS: 1.280  
 MEAN RADIUS: 0.753  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 6  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE



|                     |                    |           |         |
|---------------------|--------------------|-----------|---------|
| R & E NUMBER        | 92460              |           |         |
| SERIAL NUMBER       | C6587507           |           |         |
| LOG-IN DATE         | 2-4-04             |           |         |
| INSPECT AND VERIFY: |                    |           |         |
| OPERATION #         | OPERATION NAME     | DATE      | INITIAL |
| 550                 | DIS-ASSEMBLE GUN   | 4-1-05    | RTZ     |
| 560 A               | RE-BARREL          | 4-7-05    | RTZ     |
| B                   | DRILL AND TAP      | 4-11-05   | TRW     |
| 575                 | ASSEMBLE           | 4-7-05    | RTZ     |
| 600                 | PROOF              | 4-8-05    | AC      |
| 605                 | CHECK HEADSPACE    | 4-8-05    | AC      |
| 610                 | DIS-ASSEMBLE GUN   | 4-11-05   | RTZ     |
| 612                 | MAGNAFLUX          | OPERATOR  |         |
| 615                 | ROLLMARK CALIBER   | 4-12-05   | CW      |
| 618                 | ROTO-BLAST         | 4-18-05   | LB      |
| 620                 | APPLY COATINGS     | 4-25-05   | AD      |
| 625 A               | FINAL ASSEMBLY     | 5-3-05    | RTZ     |
| B                   | TRIGGER PULL TEST  |           |         |
| C                   | SAFETY "ON" FORCE  | 5-6-05    | AC      |
| D                   | SAFETY "OFF" FORCE | 5-6-05    | AC      |
| E                   | FIRING PIN INDENT  | 5-6-05    | AC      |
| 640                 | TARGET             | 5-4-05    | TRW     |
| 655                 | FINAL INSPECT      | 5-6-05    | AC      |
| 660                 | PACK               | 5-7-05    | DA      |
|                     |                    | SHIP DATE |         |
| QAR INSPECTION DATE |                    |           |         |

|                                                                                      |  |                                             |                                                                                           |
|--------------------------------------------------------------------------------------|--|---------------------------------------------|-------------------------------------------------------------------------------------------|
| <b>Remington</b>                                                                     |  | <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™ H24</b>                                                                |  | <b>SERIAL NO.</b><br>C6587507               | <b>ORDER NO.</b><br><b>5716</b>                                                           |
| MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee. |  |                                             |                                                                                           |



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587507

| OP. #        | OP. NAME                                                       | READINGS | DATE    | INIT |
|--------------|----------------------------------------------------------------|----------|---------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 1228     | 90      | RW   |
| 600          | Proof                                                          | 1228     | 90      | RW   |
| 607          | Check Headspace                                                | 1228     | 90      | RW   |
| 610          | Dis-assemble Gun                                               | 1228     | 90      | RW   |
| 612          | Magnaflux Barrel<br>Action                                     |          | 1-7-91  | KR   |
|              | Magnaflux Bolt                                                 |          | "       | KR   |
| 615          | Rollmark Caliber                                               |          | "       | LS   |
| 617          | Drill and Tap Sight Holes                                      | 1 10     | 91      | FB   |
| 618          | Polish Barrel                                                  | 1 10     | 91      | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 1-26-91 | TH   |
|              | Apply Coating (Bolt)                                           |          |         |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 1/28/91 | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 1/28/91 | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 1/28/91 | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 1/28/91 | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 2/4/91  | TH   |

| op. #        | BARBER - M24 0021705<br>OP. NAME                                  | READINGS |       |       |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------------|----------|-------|-------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                                | 6        | 6     | 5 3/4 |      |      | 2/6/91  | WB   |
|              | G) Safety Off Force                                               | 3        | 3     | 3     |      |      | 2/6/91  | WB   |
|              | H) Trigger Pull Test &<br>Retainability                           |          |       |       |      |      | 2/6/91  | RJ   |
|              | I) Firing Pin Indent                                              | .021     | .0215 | .021  |      |      | 2/6/91  | WB   |
|              | J) Assemble Stock                                                 |          |       |       |      |      | 2/6/91  | RW   |
|              | K) Assemble Swivel Studs                                          |          |       |       |      |      | 2-21-91 | K    |
|              | L) Attach Front and Rear<br>Sight Assemblies                      |          |       |       |      |      | 2/6/91  | RW   |
|              | M) Iron Sight Alignment                                           |          |       |       |      |      | 2/6/91  | RW   |
|              | N) Detach Front & Rear<br>Sights & place in<br>numbered container |          |       |       |      |      | 2/6/91  | RW   |
|              | O) Attach Scope to Rifle                                          |          |       |       |      |      | 2/6/91  | RW   |
|              | P) Detach & Attach Scope<br>20 Times                              |          |       |       |      |      | 2/6/91  | RW   |
| 640          | Gallery Target & Test                                             |          |       |       |      |      | 2-7-91  | DH   |
|              | A) Time                                                           |          |       |       |      |      | 2-7-91  | DH   |
|              | B) Malfunctions                                                   |          |       |       |      |      | 2-7-91  | DH   |
|              | C) Pierced Primers                                                |          |       |       |      |      | 2-7-91  | DH   |
|              | D) Optical Clarity of Scope                                       |          |       |       |      |      | 2-7-91  | DH   |
| 645          | Inspect for Live Ammo                                             |          |       |       |      |      | 2-7-91  | DH   |
| 655          | Final Inspection                                                  |          |       |       |      |      |         |      |
|              | A) Headspace                                                      |          |       |       |      |      | 2-21-91 | AC   |
|              | B) Trigger Pull                                                   | 2.14     | 2.18  | 2.16  | 2.15 | 2.15 | 2/18/91 | WB   |
|              | C) Function                                                       |          |       |       |      |      | 2-21-91 | K    |
| 660          | Pack                                                              |          |       |       |      |      | 3-14-91 | DH   |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6587507

DATE 2/6/91

TESTER JL

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.28             | 2.20                     | 2.38                           | 2.14 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.26             | 2.50                     | 2.40                           | 2.18 |                                                                        |
| PULL #3 | 2.29             | 2.21                     | 2.35                           | 2.16 |                                                                        |
| PULL #4 | 2.33             | 2.20                     | 2.40                           | 2.15 |                                                                        |
| PULL #5 | 2.30             | 2.28                     | 2.39                           | 2.15 |                                                                        |
| TOTAL   |                  |                          |                                |      |                                                                        |
| AVG.    |                  |                          |                                |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.17             | 3.17                     |  |          |
| PULL #2 | 3.29             | 3.34                     |  |          |
| PULL #3 | 3.34             | 3.39                     |  |          |
| PULL #4 | 3.24             | 3.34                     |  |          |
| PULL #5 | 3.25             | 3.34                     |  |          |
| TOTAL   |                  |                          |  |          |
| AVG.    |                  |                          |  |          |

|         | 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             | 4.17                     |                                | 4.21                                 |
| PULL #2 | 4.29             | 4.33                     |                                | 4.14                                 |
| PULL #3 | 4.25             | 4.41                     |                                | 4.47                                 |
| PULL #4 | 4.18             | 4.13                     |                                | 4.45                                 |
| PULL #5 | 4.15             | 4.17                     |                                | 4.12                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06587507  
8 Feb 1991

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .209848 |
| 1 TO | 2 | .316394 |
| 1 TO | 3 | .242539 |
| 1 TO | 4 | .50953  |
| 1 TO | 5 | .165605 |

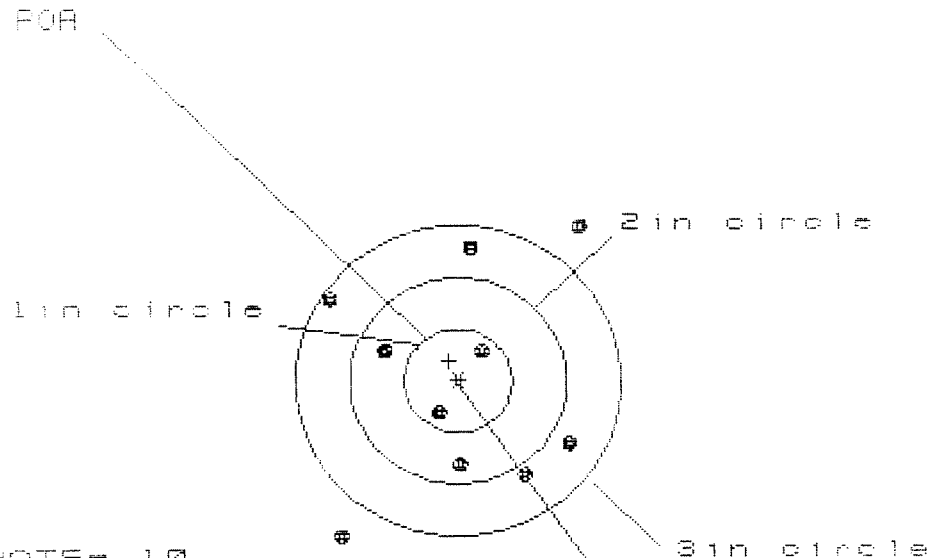
3 + <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .122  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0472  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .130812  
THE AMR FOR THIS RIFLE IS: .946

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/06587507

## CENTERFIRE PATTERNS # 1



# OF SHOTS - 10

# IN CIR

1in = 2

2in = 4

3in = 8

HS = 2.328

VS = 2.962

GS = 3.712

CENTROID \*

| PATTERN #                   | 1      | 2      | 3      |
|-----------------------------|--------|--------|--------|
| SHOTS (BEST OF)             | 10     | 9      | 8      |
| MAXIMUM X                   | 1.143  | 1.149  | 1.028  |
| MINIMUM X                   | -1.185 | -1.058 | -1.179 |
| MAXIMUM Y                   | 1.501  | 1.412  | 1.250  |
| MINIMUM Y                   | -1.461 | -1.294 | -0.879 |
| CENTROID X                  | .080   | -.047  | .074   |
| CENTROID Y                  | -.194  | -.361  | -.199  |
| POA TO CENTROID in.         | .210   | .364   | .212   |
| MIN RADIUS                  | .324   | .183   | .332   |
| MEAN RADIUS                 | 1.089  | .979   | .896   |
| MAX RADIUS                  | 1.887  | 1.616  | 1.426  |
| HORIZONTAL SPREAD           | 2.328  | 2.207  | 2.207  |
| VERTICAL SPREAD             | 2.962  | 2.706  | 2.129  |
| EXTREME SPREAD              | 3.712  | 2.977  | 2.607  |
| NUMBER IN ONE INCH CIRCLE = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE = |        | 4      |        |

**BARBER - M24 0021709**

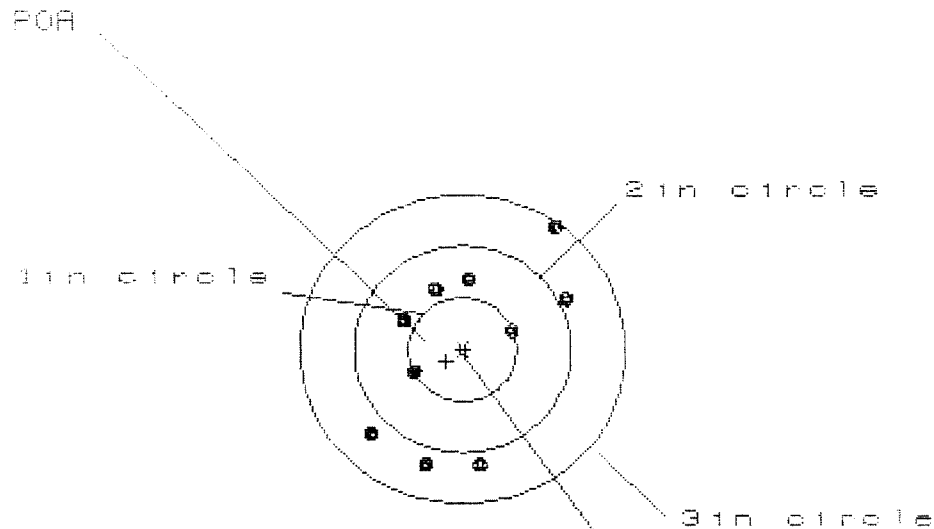
NUMBER IN THREE INCH CIRCLE = 8



8 Feb 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/06507507

## CENTERFIRE PATTERNS # 2



# OF SHOTS= 10

# IN CIR

1in = 0

2in = 5

3in = 10

HS= 1.846

VS= 2.307

GS= 2.683

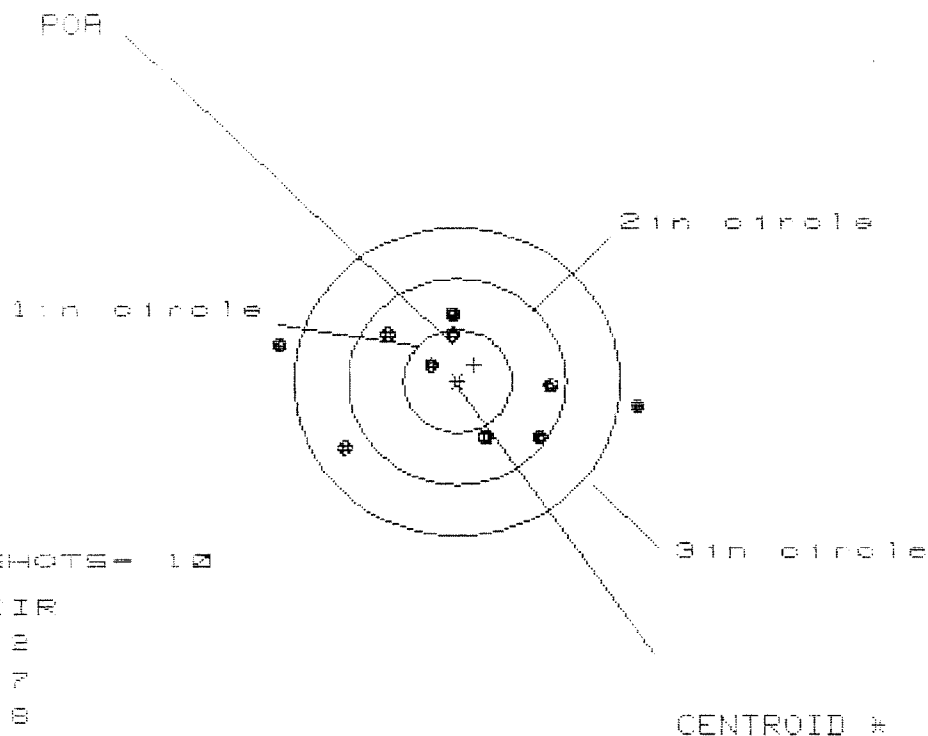
CENTROID \*

| PATTERN #                   | : | 2      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | .951   | 1.049  | .949   |
| MINIMUM X                   | : | -.895  | -.797  | -.562  |
| MAXIMUM Y                   | : | 1.159  | .817   | .727   |
| MINIMUM Y                   | : | -1.148 | -1.019 | -1.109 |
| CENTROID X                  | : | .148   | .049   | .149   |
| CENTROID Y                  | : | .115   | -.014  | .076   |
| POA TO CENTROID in.         | : | .187   | .051   | .167   |
| MIN RADIUS                  | : | .514   | .380   | .506   |
| MEAN RADIUS                 | : | .907   | .840   | .801   |
| MAX RADIUS                  | : | 1.459  | 1.208  | 1.116  |
| HORIZONTAL SPREAD           | : | 1.846  | 1.846  | 1.511  |
| VERTICAL SPREAD             | : | 2.307  | 1.836  | 1.836  |
| EXTREME SPREAD              | : | 2.683  | 2.268  | 2.019  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 0      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |        |

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/08587507

## CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1in = 2

2in = 7

3in = 8

HS= 3.279

VS= 1.293

GS= 3.326

| PATTERN #                     | 3      |
|-------------------------------|--------|
| SHOTS (BEST OF)               | 10     |
| MAXIMUM X                     | 1.676  |
| MINIMUM X                     | -1.603 |
| MAXIMUM Y                     | .636   |
| MINIMUM Y                     | -.657  |
| CENTROID X                    | -.160  |
| CENTROID Y                    | -.159  |
| POA TO CENTROID in.           | .225   |
| MIN RADIUS                    | .307   |
| MEAN RADIUS                   | .910   |
| MAX RADIUS                    | 1.693  |
| HORIZONTAL SPREAD             | 3.279  |
| VERTICAL SPREAD               | 1.293  |
| EXTREME SPREAD                | 3.326  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |
| NUMBER IN TWO INCH CIRCLE =   | 7      |
| NUMBER IN THREE INCH CIRCLE = | 8      |

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C65875B7

## CENTERFIRE PATTERNS

# 4

POA

1 in circle

2 in circle

3 in circle

CENTROID #

# OF SHOTS = 10

# IN CIR

1 in = 1

2 in = 7

3 in = 10

HS = 2.424

VS = 1.657

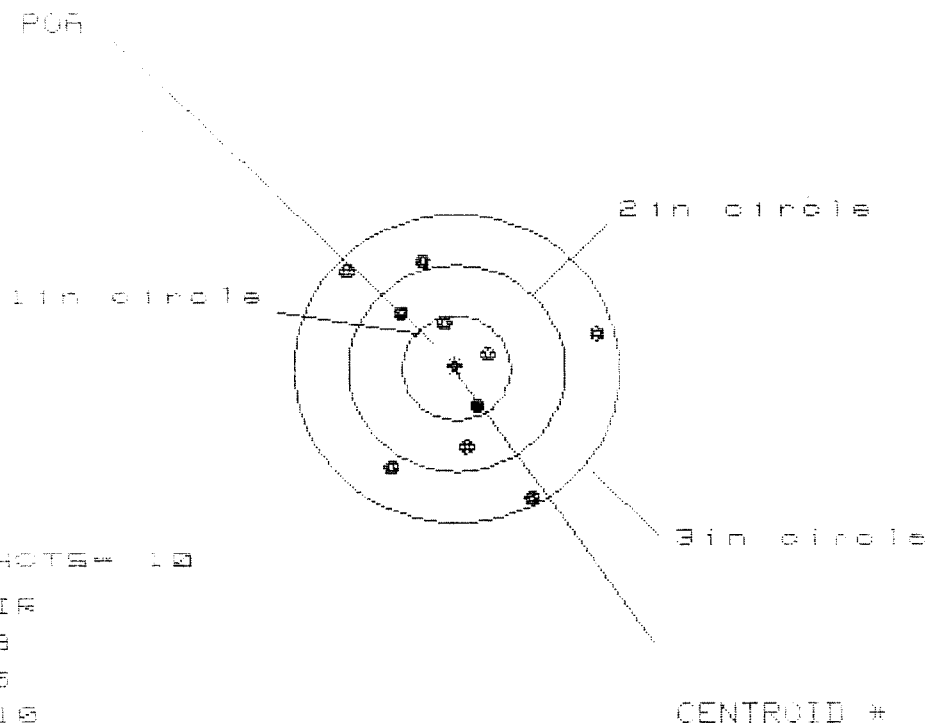
GS = 2.563

| PATTERN #                   | : | 4      |        |       |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.211  | 1.321  | 1.254 |
| MINIMUM X                   | : | -1.213 | -1.103 | -.938 |
| MAXIMUM Y                   | : | .763   | .664   | .706  |
| MINIMUM Y                   | : | -.894  | -.674  | -.632 |
| CENTROID X                  | : | .530   | .420   | .255  |
| CENTROID Y                  | : | .045   | .144   | .102  |
| POA TO CENTROID in.         | : | .532   | .444   | .274  |
| MIN RADIUS                  | : | .177   | .079   | .106  |
| MEAN RADIUS                 | : | .922   | .853   | .768  |
| MAX RADIUS                  | : | 1.338  | 1.364  | 1.274 |
| HORIZONTAL SPREAD           | : | 2.424  | 2.424  | 2.192 |
| VERTICAL SPREAD             | : | 1.657  | 1.338  | 1.338 |
| EXTREME SPREAD              | : | 2.563  | 2.424  | 2.265 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |       |

8 Feb 1981

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## CENTERFIRE PATTERNS # 5



# OF SHOTS = 10

# IN CIR

1in = 3

2in = 5

3in = 10

HS = 2.309

VS = 2.285

GS = 2.817

CENTROID \*

| PATTERN #                     | 5      |        |        |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.282  | 1.363  | 1.245  |
| MINIMUM X                     | -1.026 | -.946  | -.680  |
| MAXIMUM Y                     | 1.005  | .863   | .960   |
| MINIMUM Y                     | -1.280 | -1.111 | -1.014 |
| CENTROID X                    | .012   | -.069  | .049   |
| CENTROID Y                    | -.043  | .099   | .002   |
| POI TO CENTROID in.           | .045   | .121   | .049   |
| MIN RADIUS                    | .277   | .282   | .226   |
| MEAN RADIUS                   | .902   | .826   | .765   |
| MAX RADIUS                    | 1.473  | 1.380  | 1.284  |
| HORIZONTAL SPREAD             | 2.309  | 2.309  | 1.845  |
| VERTICAL SPREAD               | 2.285  | 1.974  | 1.974  |
| EXTREME SPREAD                | 2.817  | 2.377  | 2.272  |
| NUMBER IN ONE INCH CIRCLE =   |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 10     |        |