

C6587508

MODEL 700<sup>TM</sup> M24

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

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.

*Remington*

**BARBER - M24 0021715**

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

**Repair Inquiry**

Repair Number: **RE00092912** Serial: C6587508 Model: M24 SWS Genie Fire  
 Caliber: 7.62 NATO Produced: 12/13/1990

Verify Repair: **[REDACTED]** Status: **Closed 2/10/2005 11:39:30 AM**

**Address Information**

Customer: ☐ Received From Return To ☐ Received From

Name: **DEF DIST DEPOT ANNISTON** **DEF DIST DEPOT ANNISTON**

Address 1: **[REDACTED]** **[REDACTED]**

Address 2: **[REDACTED]** **[REDACTED]** PO Box: **[REDACTED]** **[REDACTED]**

City: **ANNISTON** **ANNISTON**

State: **AL** Zip Code: **362014199** Country: **US** State: **AL** Zip Code: **362014199** Country: **US**

FIL: **[REDACTED]**

**Contact / Condition** **Problems** **Estimate** **History / Status** **Shipping / Billing**

**Contact Information**

Phone: **[REDACTED]**

Fax: **[REDACTED]**

Email: **[REDACTED]**

Comments: **[REDACTED]**

**Received/Condition**

Good: **[REDACTED]**

Condition Notes: **[REDACTED]**

CSR Notes: **[REDACTED]**

**Accessories Received**

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

**Repair Search** **Refresh** **Close**

maglev 2/14/2005 10:23 AM CAPS INUM INS SCPL

start 5 2 4 Arms Service

Serial Number: **C6587508**

Model: **M24 SWS**

**[Barcode]**

**RE00092912**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587508.\_\_\_0  
FILE DATE AND TIME: 06/27/2005 07:01

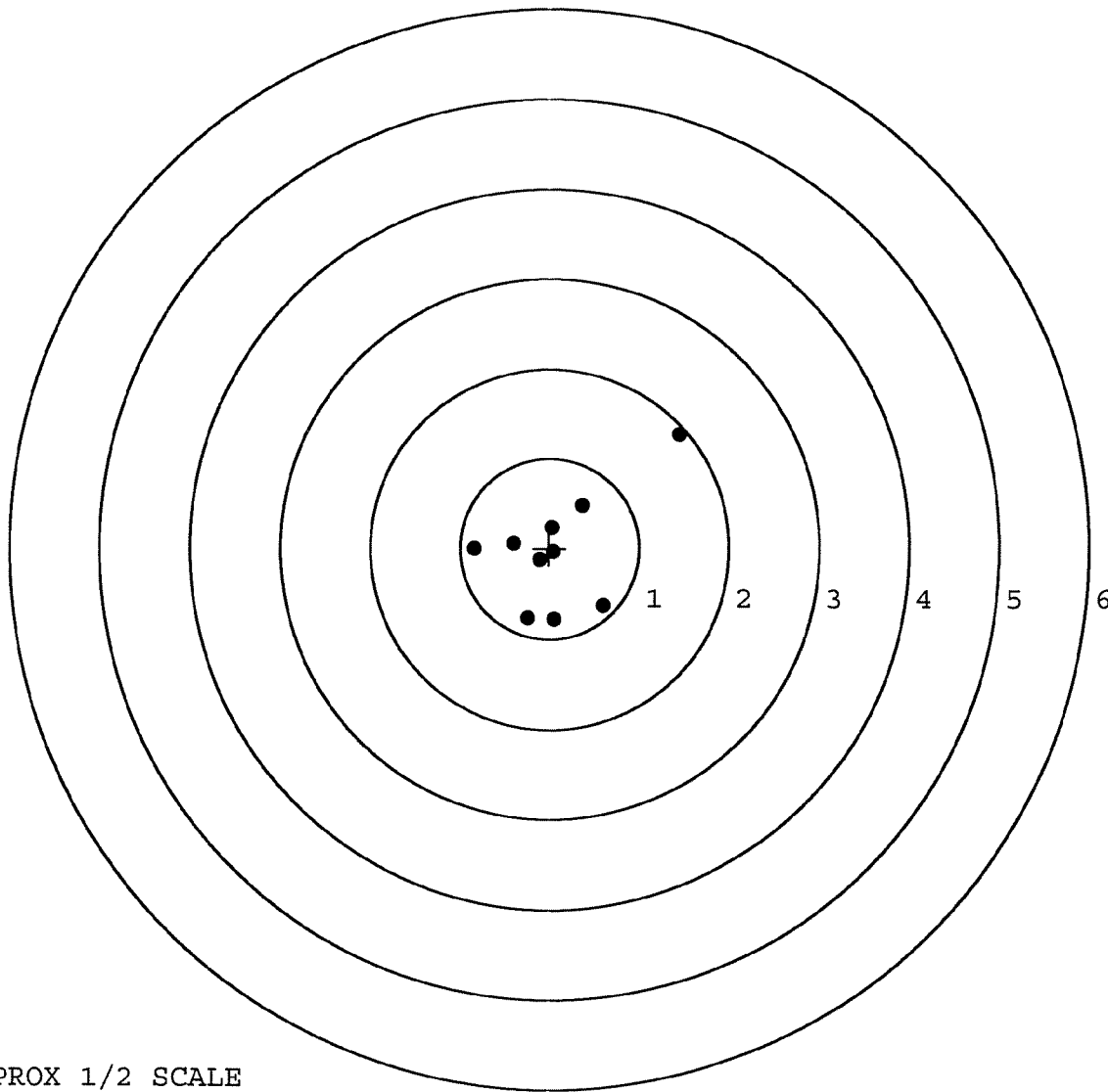
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.026 |
| The Average Y Centroid of the Five Target Set:              | 0.151  |
| The Average Point of Impact of the Five Target Set:         | 0.154  |
| The Average Mean Radius of the Five Target Set:             | 0.881  |
| The Distance from POA to Centroid Target #1:                | 0.101  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.287  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.418  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.354  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.233  |

SERIAL NUMBER: C6587508. \_\_0  
 TARGET NUMBER: 1  
 FILE DATE: 06/27/2005  
 FILE TIME: 07:01

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.041  | -0.046 |
| 2:     | 0.601  | -0.636 |
| 3:     | 0.056  | -0.789 |
| 4:     | -0.244 | -0.778 |
| 5:     | 0.367  | 0.476  |
| 6:     | 0.030  | 0.231  |
| 7:     | -0.110 | -0.130 |
| 8:     | -0.402 | 0.057  |
| 9:     | -0.842 | -0.008 |
| 10:    | 1.446  | 1.271  |

X CENTROID: 0.094  
 Y CENTROID: -0.035  
 POA TO CENTROID: 0.101  
 HORZ SPREAD: 2.288  
 VERT SPREAD: 2.060  
 GROUP SPREAD: 2.656  
 MIN RADIUS: 0.054  
 MAX RADIUS: 1.880  
 MEAN RADIUS: 0.681  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 9



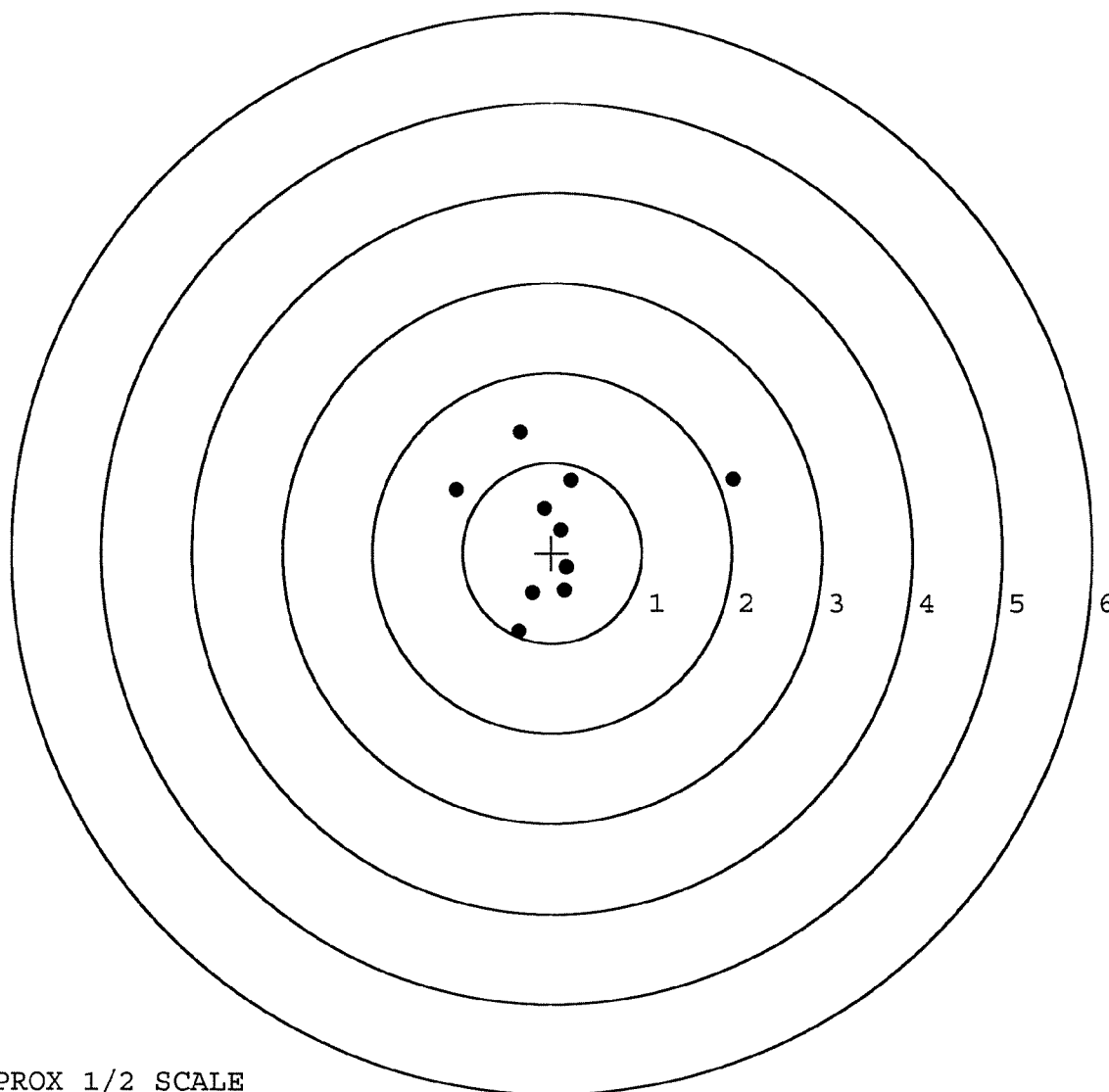
TARGET APPROX 1/2 SCALE

**BARBER - M24 0021718**

SERIAL NUMBER: C6587508. \_\_0  
 TARGET NUMBER: 2  
 FILE DATE: 06/27/2005  
 FILE TIME: 07:01

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 2.015  | 0.814  |
| 2:     | -0.354 | 1.338  |
| 3:     | 0.214  | 0.804  |
| 4:     | -1.070 | 0.695  |
| 5:     | -0.086 | 0.492  |
| 6:     | 0.106  | 0.248  |
| 7:     | 0.164  | -0.165 |
| 8:     | 0.145  | -0.418 |
| 9:     | -0.214 | -0.444 |
| 10:    | -0.372 | -0.872 |

X CENTROID: 0.055  
 Y CENTROID: 0.249  
 POA TO CENTROID: 0.255  
 HORZ SPREAD: 3.085  
 VERT SPREAD: 2.210  
 GROUP SPREAD: 3.087  
 MIN RADIUS: 0.051  
 MAX RADIUS: 2.040  
 MEAN RADIUS: 0.837  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 6  
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587508. \_\_0

TARGET NUMBER: 3

FILE DATE: 06/27/2005

FILE TIME: 07:01

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.005  | -0.266 |
| 2:     | 0.725  | 0.000  |
| 3:     | 0.321  | -0.832 |
| 4:     | 0.390  | -0.134 |
| 5:     | -0.414 | -0.364 |
| 6:     | -0.881 | 0.091  |
| 7:     | -0.510 | 0.473  |
| 8:     | 0.846  | 1.468  |
| 9:     | -0.299 | 1.937  |
| 10:    | -1.417 | 1.281  |

X CENTROID: -0.023

Y CENTROID: 0.365

POA TO CENTROID: 0.366

HORZ SPREAD: 2.422

VERT SPREAD: 2.769

GROUP SPREAD: 2.874

MIN RADIUS: 0.498

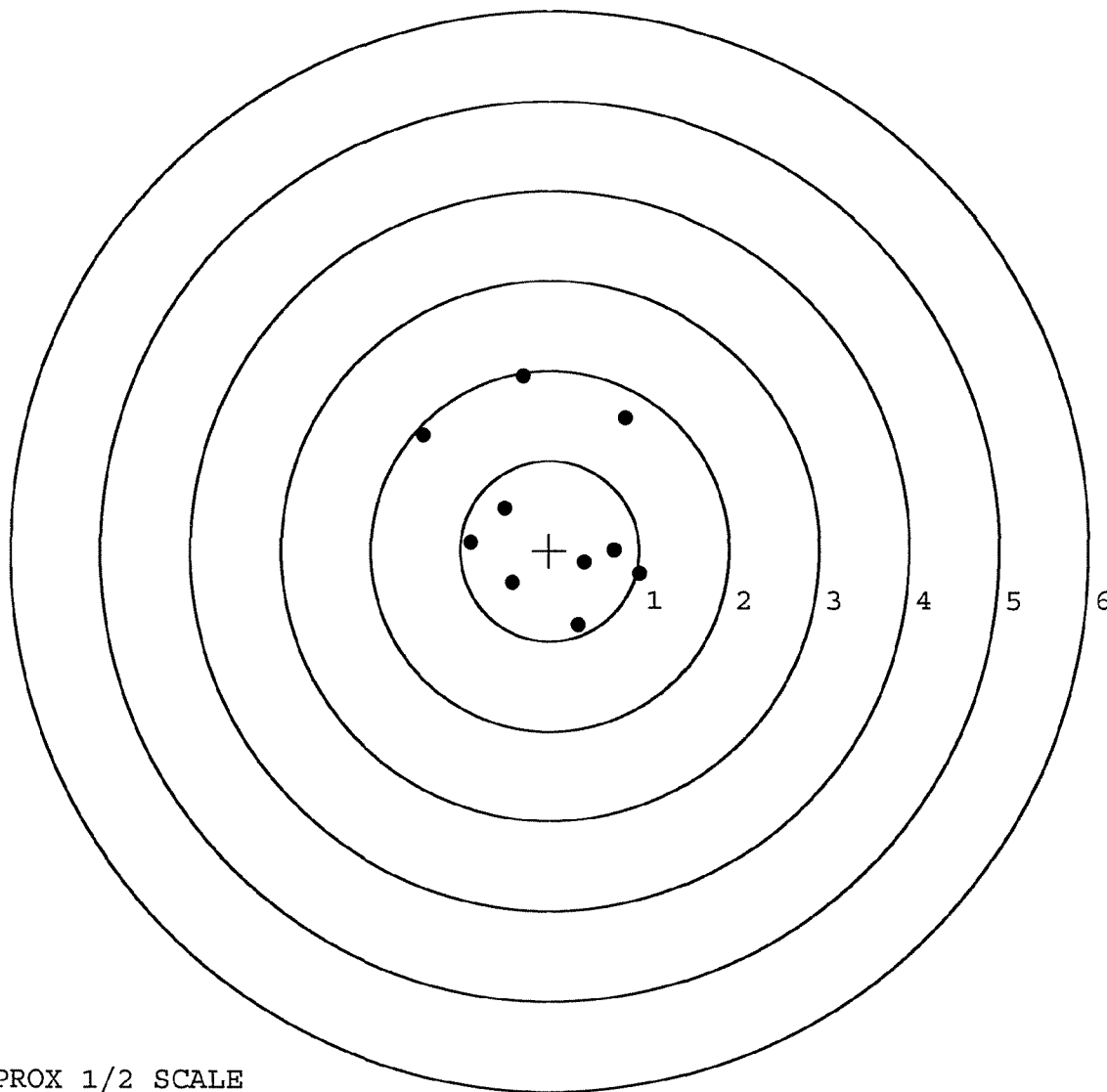
MAX RADIUS: 1.667

MEAN RADIUS: 1.083

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 5

# in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

**BARBER - M24 0021720**

SERIAL NUMBER: C6587508. 0

TARGET NUMBER: 4

FILE DATE: 06/27/2005

FILE TIME: 07:01

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.791  | 0.284  |
| 2:     | 0.462  | 0.377  |
| 3:     | 0.123  | -0.328 |
| 4:     | -0.284 | -0.524 |
| 5:     | -0.173 | -0.164 |
| 6:     | -0.364 | 0.093  |
| 7:     | -0.707 | 0.274  |
| 8:     | -0.918 | -0.825 |
| 9:     | -0.367 | 1.201  |
| 10:    | 0.238  | 2.075  |

X CENTROID: -0.120

Y CENTROID: 0.246

POA TO CENTROID: 0.274

HORZ SPREAD: 1.709

VERT SPREAD: 2.900

GROUP SPREAD: 3.122

MIN RADIUS: 0.288

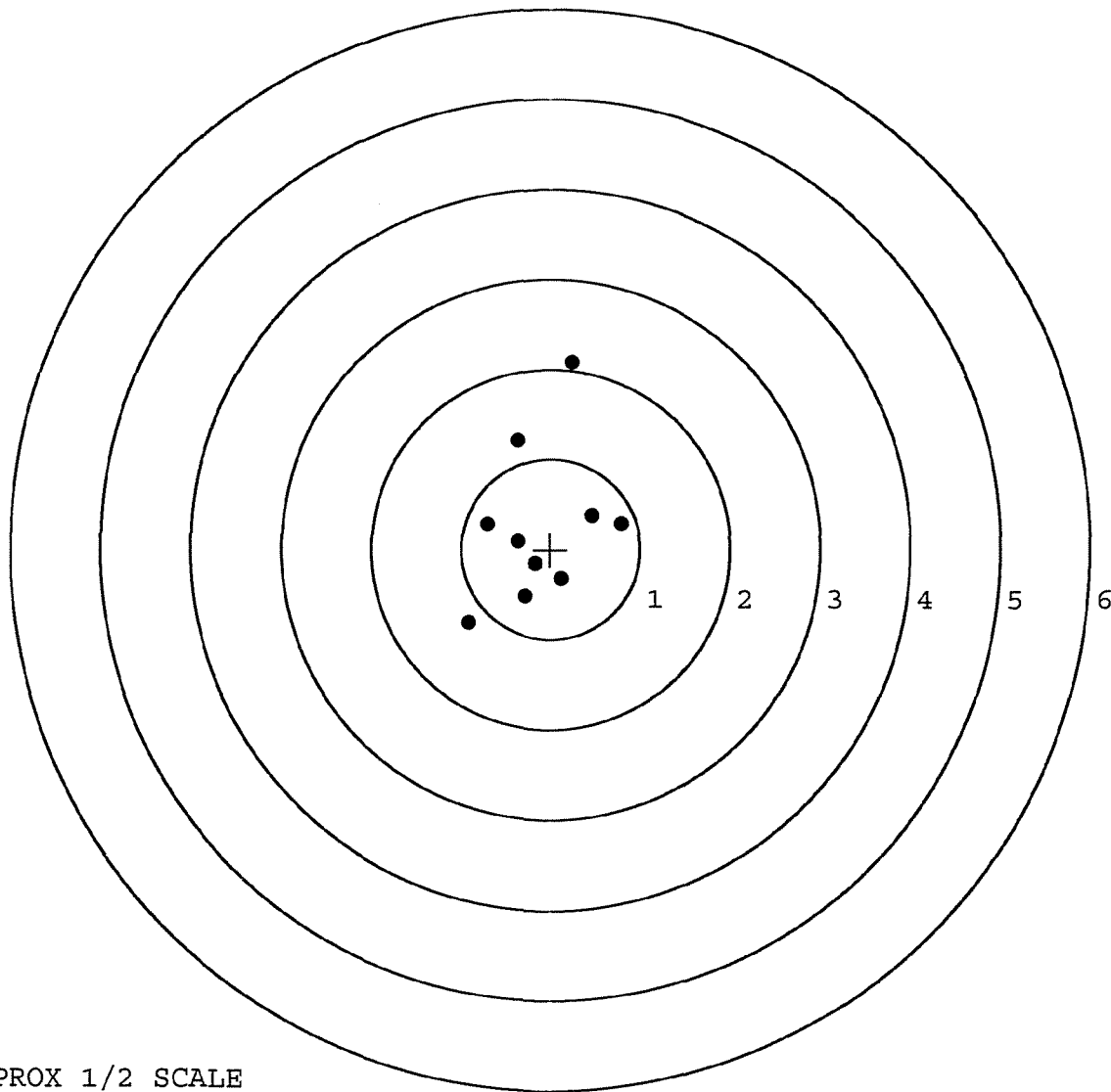
MAX RADIUS: 1.863

MEAN RADIUS: 0.839

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587508. \_\_0

TARGET NUMBER: 5

FILE DATE: 06/27/2005

FILE TIME: 07:01

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.626  | 0.007  |
| 2:     | 0.632  | -0.715 |
| 3:     | 0.482  | -0.318 |
| 4:     | 0.338  | -0.206 |
| 5:     | -0.306 | 0.103  |
| 6:     | -0.881 | -0.020 |
| 7:     | -0.823 | 0.616  |
| 8:     | -1.493 | 1.399  |
| 9:     | -0.749 | -1.588 |
| 10:    | -0.186 | 0.040  |

X CENTROID: -0.136

Y CENTROID: -0.068

POA TO CENTROID: 0.152

HORZ SPREAD: 3.119

VERT SPREAD: 2.987

GROUP SPREAD: 3.416

MIN RADIUS: 0.119

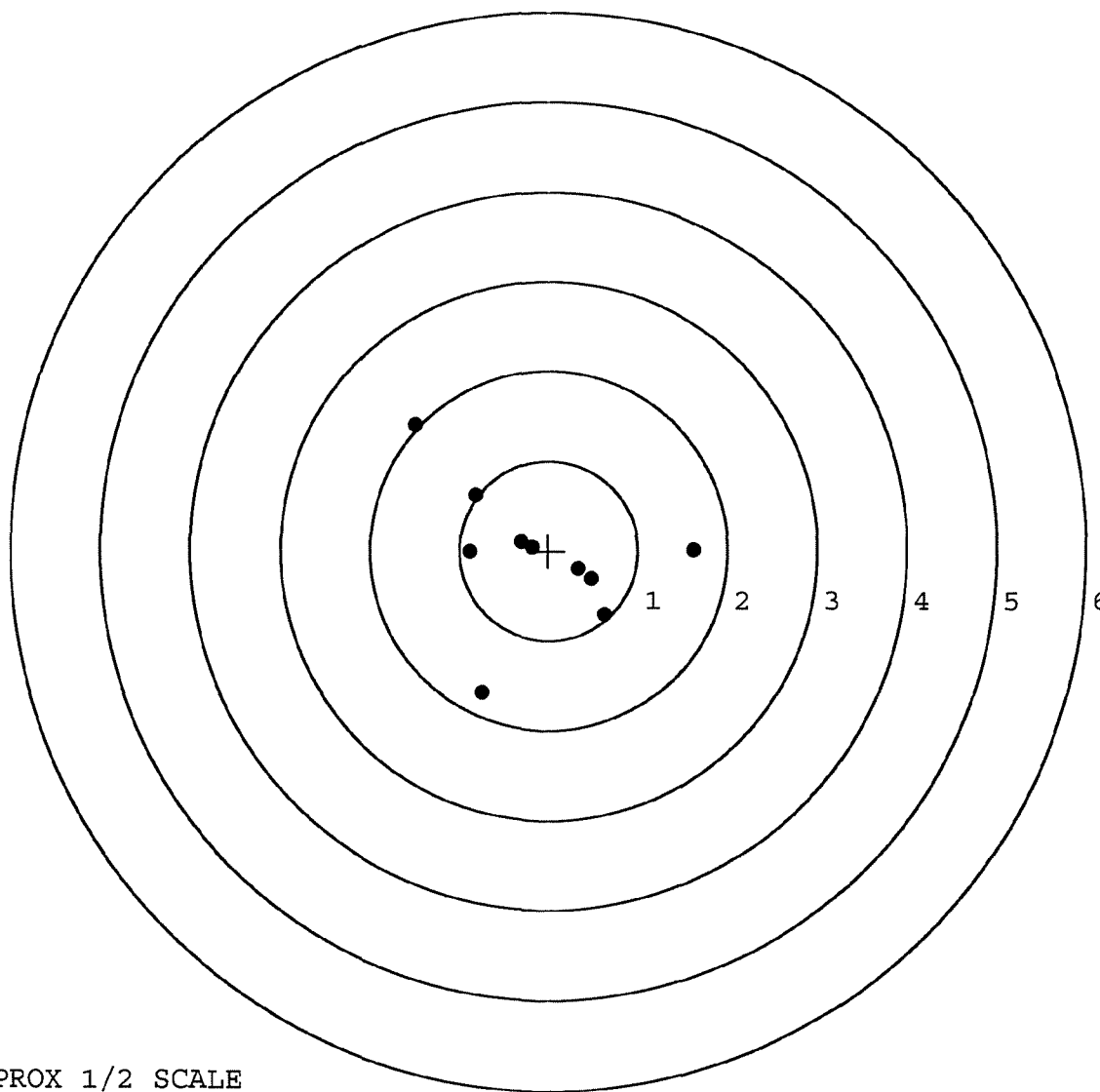
MAX RADIUS: 1.999

MEAN RADIUS: 0.964

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE



M-24 INSPECTION CHECKLIST  
CONTRACT #: DAAE-20-02-D-0127

|                     |                    |           |         |        |    |
|---------------------|--------------------|-----------|---------|--------|----|
| R & E NUMBER        | 92912              |           |         |        |    |
| SERIAL NUMBER       | C6587508           |           |         |        |    |
| LOG-IN DATE         | 2-10-05            |           |         |        |    |
| INSPECT AND VERIFY: |                    |           |         |        |    |
| OPERATION #         | OPERATION NAME     | DATE      | INITIAL |        |    |
| 550                 | DIS-ASSEMBLE GUN   |           |         |        |    |
| 560 A               | RE-BARREL          |           |         |        |    |
| B                   | DRILL AND TAP      |           |         |        |    |
| 575                 | ASSEMBLE           |           |         |        |    |
| 600                 | PROOF              |           |         |        |    |
| 605                 | CHECK HEADSPACE    |           |         |        |    |
| 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  |           |         | 8-8-05 | AC |
| D                   | SAFETY "OFF" FORCE |           |         | 8-8-05 | AC |
| E                   | FIRING PIN INDENT  | 8-8-05    | AC      |        |    |
| 640                 | TARGET TEST        | 6-27-05   | TRW     |        |    |
| 655                 | FINAL INSPECT      | 8-8-05    | AC      |        |    |
| 660                 | PACK               | 2-6-05    | DA      |        |    |
|                     |                    | SHIP DATE |         |        |    |
| QAR INSPECTION DATE |                    |           |         |        |    |

# BARBER M24 0921722 RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER  
R 94-21348

INITIAL CUSTOMER ORDER NO.

W/LEUOPLD 10X SCOPE, DEPLOYMENT KIT

Scope S/N 90 0696

DATE RECEIVED 07/15/94 DATE OPENED 07/18/94 DATE CODE SERIAL NUMBER C6587508 NEW SERIAL NUMBER MODEL AND GRADE 700 7.62 NATO  
ACCESSORIES SCOPE MNTS SCOPE BASE

FROM:

SHIP TO:

COMMANDER (W52H094138H226)  
DEFENSE DIST DEPOT ANNISTON  
ATTN DDAA-UR BLDG 112  
ANNISTON

COMMANDER (W52H094138H226)  
DEFENSE DIST DEPOT ANNISTON  
ATTN DDAA-UR BLDG 112  
ANNISTON

AL 36201-5025

AL  
36201-5025

CUST NO: 098397 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

| CUSTOMER CONCERN | AMMO | FUNCTION | FINISH | ACCURACY | FIT | INSPECT |
|------------------|------|----------|--------|----------|-----|---------|
| CYCLE            | A1   | B1       |        |          |     |         |
| TRIGGER GROUP    |      | B2       |        |          | E1  | F1      |
| BOLT ASSY.       |      | B3       |        |          | E2  | F2      |
| BARREL ASSY.     |      | B4       |        | D1       | E3  | F3      |
| REC. ASSY.       |      | B5       |        | D2       | E4  | F4      |
| WOOD             |      |          | C1     | D3       | E5  | F5      |
| METAL            |      |          | C2     |          |     |         |

MAIN FAULT

PARTS

COMMENTS

✓ Barrel  
✓ Stock  
✓ Trigger Assy  
✓ Firing Pin Assy  
✓ Mag Spring  
✓ Mag Follower  
✓ Front & Rear Sight Assy

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

5/9/96 5/9/96

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

BARBER - M24 0921722

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587508

DATE 7-11-96

TESTER DA

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |  | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|--|------------------------------------------------------------------------|
| PULL #1 | 2.78             | 2.82                     | 2.89                           |  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.82             | 2.78                     | 2.78                           |  |                                                                        |
| PULL #3 | 2.86             | 2.78                     | 2.92                           |  |                                                                        |
| PULL #4 | 2.89             | 2.65                     | 2.90                           |  |                                                                        |
| PULL #5 | 2.90             | 2.80                     | 2.90                           |  |                                                                        |
| TOTAL   | 14.25            | 13.83                    | 14.39                          |  |                                                                        |
| AVG.    | 2.85             | 2.76                     | 2.87                           |  |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.17             | 3.00                     |  |          |
| PULL #2 | 3.09             | 3.03                     |  |          |
| PULL #3 | 2.90             | 3.11                     |  |          |
| PULL #4 | 3.04             | 3.05                     |  |          |
| PULL #5 | 3.05             | 3.10                     |  |          |
| TOTAL   | 15.25            | 15.29                    |  |          |
| AVG.    | 3.05             | 3.05                     |  |          |

|         | 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 | 4.18             | 4.10                     |                                | 4.02                                 |
| PULL #2 | 4.19             | 4.04                     |                                | 4.12                                 |
| PULL #3 | 4.22             | 4.07                     |                                | 4.09                                 |
| PULL #4 | 4.17             | 4.16                     |                                | 4.16                                 |
| PULL #5 | 4.29             | 4.11                     |                                | 4.12                                 |
| TOTAL   | 21.05            | 20.48                    |                                | 20.51                                |
| AVG.    | 4.21             | 4.09                     |                                | 4.10                                 |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6587508  
11 Mar 1900

CENTROIDAL DISTANCES

|      |   |          |
|------|---|----------|
| 0 TO | 1 | .506952  |
| 1 TO | 2 | .756267  |
| 1 TO | 3 | .0941541 |
| 1 TO | 4 | .148762  |
| 1 TO | 5 | .245506  |

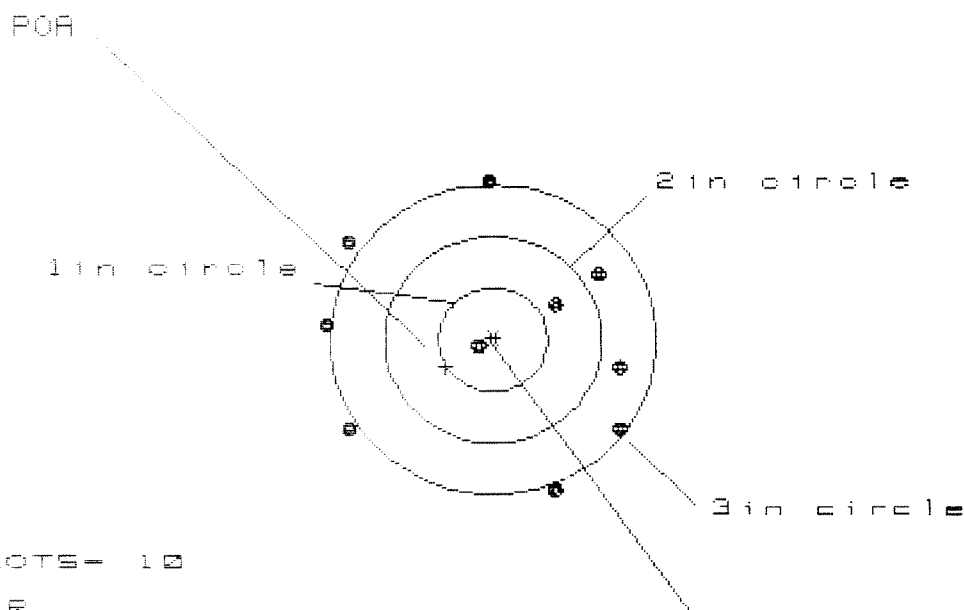
<sup>2</sup>  
+ <sup>5</sup> <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2542  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3234  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .411346  
THE AMR FOR THIS RIFLE IS: 1.046

11 Mar 1968

FILE:/PATTERNING/CENTERFIRE\_PATT/C6587508

## CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1 in = 1

2 in = 2

3 in = 5

HS= 2.743

VS= 2.960

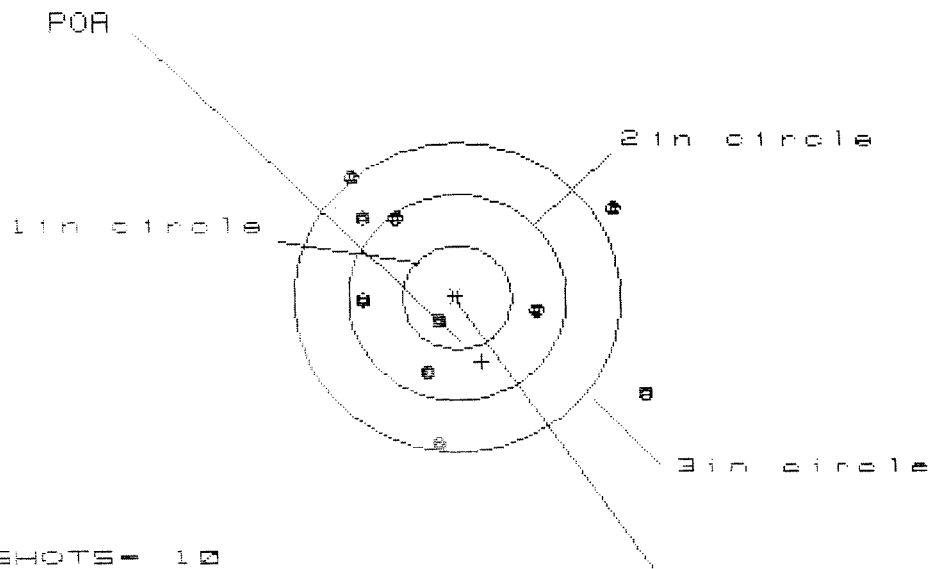
GS= 3.108

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.196  | 1.045  | 1.099  |
| MINIMUM X                     | -1.547 | -1.698 | -1.643 |
| MAXIMUM Y                     | 1.502  | 1.603  | 1.433  |
| MINIMUM Y                     | -1.458 | -1.357 | -0.968 |
| CENTROID X                    | .434   | .585   | .530   |
| CENTROID Y                    | .262   | .161   | .331   |
| POA TO CENTROID in.           | .507   | .607   | .625   |
| MIN RADIUS                    | .159   | .319   | .270   |
| MEAN RADIUS                   | 1.245  | 1.191  | 1.144  |
| MAX RADIUS                    | 1.640  | 1.711  | 1.686  |
| HORIZONTAL SPREAD             | 2.743  | 2.743  | 2.743  |
| VERTICAL SPREAD               | 2.960  | 2.960  | 2.401  |
| EXTREME SPREAD                | 3.108  | 3.028  | 2.891  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 2      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 5      |        |        |

11 Mar 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C6587588

## CENTERFIRE PATTERNS # 2



# OF SHOTS - 10

# IN CIR

1 in = 1

2 in = 5

3 in = 7

HS = 2.652

VS = 2.601

GS = 3.357

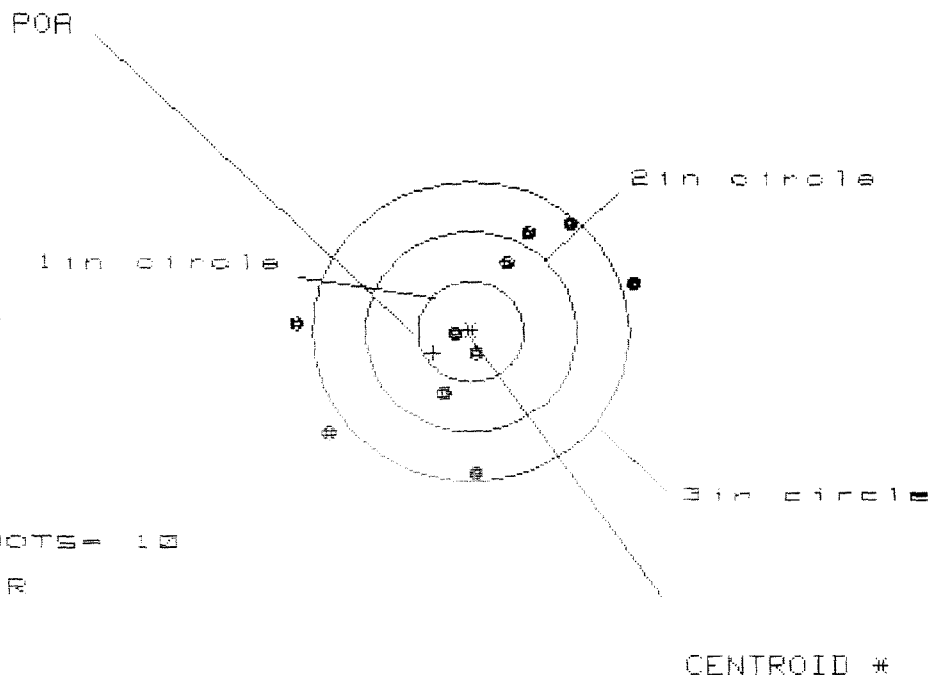
CENTROID #

| PATTERN #                     | 2      |        |        |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.688  | 1.615  | 1.073  |
| MINIMUM X                     | -.964  | -.776  | -.574  |
| MAXIMUM Y                     | 1.155  | 1.054  | 1.148  |
| MINIMUM Y                     | -1.446 | -1.547 | -1.453 |
| CENTROID X                    | -.230  | -.418  | -.620  |
| CENTROID Y                    | .624   | .725   | .631   |
| POA TO CENTROID in.           | .666   | .837   | .885   |
| MIN RADIUS                    | .309   | .369   | .360   |
| MEAN RADIUS                   | 1.134  | 1.023  | .894   |
| MAX RADIUS                    | 1.915  | 1.782  | 1.473  |
| HORIZONTAL SPREAD             | 2.652  | 2.391  | 1.647  |
| VERTICAL SPREAD               | 2.601  | 2.601  | 2.601  |
| EXTREME SPREAD                | 3.357  | 2.786  | 2.727  |
| NUMBER IN ONE INCH CIRCLE =   |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 7      |        |

11 Mar 1900

FILE:/PATTERNING/CENTERFIRE\_PATT/C6587508

## CENTERFIRE PATTERNS # 3



| PATTERN #                   | 3      |
|-----------------------------|--------|
| SHOTS (BEST OF)             | 10     |
| MAXIMUM X                   | 1.578  |
| MINIMUM X                   | -1.609 |
| MAXIMUM Y                   | 1.042  |
| MINIMUM Y                   | -1.409 |
| CENTROID X                  | .353   |
| CENTROID Y                  | .214   |
| POR TO CENTROID in.         | .413   |
| MIN RADIUS                  | .178   |
| MEAN RADIUS                 | 1.065  |
| MAX RADIUS                  | 1.712  |
| HORIZONTAL SPREAD           | 3.187  |
| VERTICAL SPREAD             | 2.451  |
| EXTREME SPREAD              | 3.296  |
| NUMBER IN ONE INCH CIRCLE   | 2      |
| NUMBER IN TWO INCH CIRCLE   | 4      |
| NUMBER IN THREE INCH CIRCLE | 7      |

11 Mar 1988

FILE: PATTERN/CENTERFIRE PATT/C6587508

BARBER - M24 0021729

## 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- 2.103

VS- 1.901

GS- 2.333

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.929

.799

.889

MINIMUM X

-1.174

-.890

-.800

MAXIMUM Y

1.020

.940

.832

MINIMUM Y

-.881

-.961

-1.069

CENTROID X

.487

.617

.527

CENTROID Y

.123

.203

.311

POA TO CENTROID in.

.502

.649

.612

MIN RADIUS

.436

.365

.298

MEAN RADIUS

.864

.782

.718

MAX RADIUS

1.374

1.128

1.128

HORIZONTAL SPREAD

2.103

1.689

1.689

VERTICAL SPREAD

1.901

1.901

1.901

EXTREME SPREAD

2.333

2.079

1.906

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

10

11 Mar 1968

FILE:/PATTERNING/CENTERFIRE\_PATT/C6587508

## CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID \*

# OF SHOTS - 10

# IN CIR

1in = 2

2in = 5

3in = 10

HS = 2.574

VS = 2.031

GS = 2.868

PATTERN #

SHOTS (BEST OF)

|                             |        |        |       |
|-----------------------------|--------|--------|-------|
| MAXIMUM X                   | 1.101  | .937   | 1.052 |
| MINIMUM X                   | -1.473 | -1.088 | -.971 |
| MAXIMUM Y                   | .931   | .923   | .704  |
| MINIMUM Y                   | -1.099 | -1.108 | -.992 |
| CENTROID X                  | .227   | .391   | .274  |
| CENTROID Y                  | .394   | .402   | .286  |
| POA TO CENTROID in.         | .454   | .561   | .396  |
| MIN RADIUS                  | .227   | .318   | .344  |
| MEAN RADIUS                 | .921   | .863   | .800  |
| MAX RADIUS                  | 1.475  | 1.553  | 1.388 |
| HORIZONTAL SPREAD           | 2.574  | 2.025  | 2.023 |
| VERTICAL SPREAD             | 2.031  | 2.031  | 1.696 |
| EXTREME SPREAD              | 2.868  | 2.868  | 2.391 |
| NUMBER IN ONE INCH CIRCLE   | =      | 2      |       |
| NUMBER IN TWO INCH CIRCLE   | =      | 5      |       |
| NUMBER IN THREE INCH CIRCLE | =      | 10     |       |

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6587508

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

| op. #        | BARBER, M24 0021732<br>OP. NAME                                   | READINGS |      |      |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------------|----------|------|------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                                | 9        | 9    | 9    |      |      | 5/29/96 | AC   |
|              | G) Safety Off Force                                               | 4        | 4    | 4    |      |      | 5/29/96 | AC   |
|              | H) Trigger Pull Test &<br>Retainability                           |          |      |      |      |      |         |      |
|              | I) Firing Pin Indent                                              | .023     | .022 | .022 |      |      | 5/29/96 | AC   |
|              | J) Assemble Stock                                                 |          |      |      |      |      |         |      |
|              | K) Assemble Swivel Studs                                          |          |      |      |      |      |         |      |
|              | L) Attach Front and Rear<br>Sight Assemblies                      |          |      |      |      |      |         |      |
|              | M) Iron Sight Alignment                                           |          |      |      |      |      |         |      |
|              | N) Detach Front & Rear<br>Sights & place in<br>numbered container |          |      |      |      |      |         |      |
|              | O) Attach Scope to Rifle                                          |          |      |      |      |      |         |      |
|              | P) Detach & Attach Scope<br>20 Times                              |          |      |      |      |      |         |      |
| 640          | Gallery Target & Test                                             |          |      |      |      |      |         |      |
|              | A) Time                                                           |          |      |      |      |      |         |      |
|              | B) Malfunctions                                                   |          |      |      |      |      |         |      |
|              | C) Pierced Primers                                                |          |      |      |      |      |         |      |
|              | D) Optical Clarity of Scope                                       |          |      |      |      |      |         |      |
| 645          | Inspect for Live Ammo                                             |          |      |      |      |      |         |      |
| 655          | Final Inspection<br>A) Headspace                                  |          |      |      |      |      |         |      |
|              | B) Trigger Pull                                                   | 2.38     | 2.41 | 2.43 | 2.41 | 2.42 | 5/30/96 | ALB  |
|              | C) Function                                                       |          |      |      |      |      |         |      |
| 660          | Pack                                                              |          |      |      |      |      |         |      |

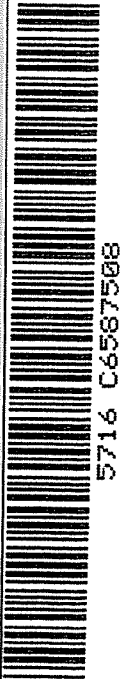
**Remington**  REG. U.S. PAT. & TM. OFF.

**MODEL 700<sup>TM</sup> H24**

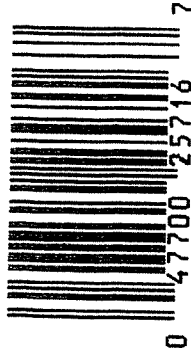
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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

|                               |                                 |
|-------------------------------|---------------------------------|
| <b>SERIAL NO.</b><br>C6587508 | <b>ORDER NO.</b><br><b>5716</b> |
|-------------------------------|---------------------------------|



UPC



| MOD. _____ |      | GA.<br>CAL. <u>306</u>              | GUN<br># <u>C6587508</u> |
|------------|------|-------------------------------------|--------------------------|
| #<br>TEST  | DATE | MALFUNCTION/DEFECT                  | ASSEM.<br>#              |
|            | 1st  | Don't eject                         | RW                       |
|            | 2nd  | Polish Ejector<br>Ream Ejector Hole | 11/<br>28/<br>90<br>RW   |
|            | 3rd  | 100 Eject                           | R                        |
|            | 4th  |                                     |                          |
|            |      | FUNCTION                            | RD 6654 Rev 1            |

| TEST INIT. ACTION TO CORRECT |          | ASSEM.<br># |
|------------------------------|----------|-------------|
| PROOF                        |          |             |
| TEST                         |          |             |
| TGT                          |          |             |
| PROOF                        |          |             |
| TEST                         |          |             |
| TGT                          |          |             |
| PROOF                        | ENGINEER |             |
| TEST                         |          |             |
| TGT                          |          |             |
| PROOF                        | ENGINEER |             |
| TEST                         |          |             |
| TGT                          |          |             |

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587508

| OP. #     | OP. NAME                                                 | READINGS | DATE     | INIT |
|-----------|----------------------------------------------------------|----------|----------|------|
| 575 & 580 | Assemble Action and Stock                                | 1023 90  |          | RW   |
| 600       | Proof                                                    | 1023 90  |          | RW   |
| 607       | Check Headspace                                          |          |          | RW   |
| 610       | Dis-assemble Gun                                         |          |          | RW   |
| 612       | Magnaflux Barrel Action                                  |          | 10/24/90 | KR   |
|           | Magnaflux Bolt                                           |          | 10/24/90 | KR   |
| 615       | Rollmark Caliber                                         |          | 10/24/90 | GL   |
| 617       | Drill and Tap Sight Holes                                |          | 10/24/90 | WB   |
| 618       | Polish Barrel RB                                         |          | 10/26/90 | WB   |
| 620       | Apply Coatings (Barrel Action)                           |          | 11-7-90  | TH   |
|           | Apply Coating (Bolt)                                     |          |          |      |
| 625       | Final Assembly<br>A) Clean inside of Bolt Assembly       |          | 10/17/90 | RW   |
|           | B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head |          | 11/12/90 | RW   |
|           | C) Inspect Ejector Hole for Chamfer                      |          | 11/12/90 | RW   |
|           | D) Oil Firing Pin Ass'y                                  |          | 11/12/90 | RW   |
|           | E) Adjust Trigger Pull to Min Setting and Stake          |          | 11/19/90 | WB   |

| op. #        | OP. NAME                                                    | READINGS |       |       |     |     | DATE     | INIT |
|--------------|-------------------------------------------------------------|----------|-------|-------|-----|-----|----------|------|
| 625<br>cont. | F) Safety On Force                                          | 4        | 4     | 4     |     |     | 11/21/90 | WB   |
|              | G) Safety Off Force                                         | 2 1/2    | 2 1/2 | 2 1/2 |     |     | 11/21/90 | WB   |
|              | H) Trigger Pull Test & Retainability                        |          |       |       |     |     | 11/19/90 | WB   |
|              | I) Firing Pin Indent                                        | 0215     | 0215  | 0215  |     |     | 11/21/90 | WB   |
|              | J) Assemble Stock                                           |          |       |       |     |     | 11/26/90 | RW   |
|              | K) Assemble Swivel Studs                                    |          |       |       |     |     | 11-28-90 | JS   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |       |       |     |     | 11/26/90 | RW   |
|              | M) Iron Sight Alignment                                     |          |       |       |     |     | 11/26/90 | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |       |       |     |     | 11/26/90 | RW   |
|              | O) Attach Scope to Rifle                                    |          |       |       |     |     | 11/26/90 | RW   |
|              | P) Detach & Attach Scope 20 Times                           |          |       |       |     |     | 11/26/90 | RW   |
| 640          | Gallery Target & Test                                       |          |       |       |     |     | 11-27-90 | AC   |
|              | A) Time                                                     |          |       |       |     |     | 11-27-90 | AC   |
|              | B) Malfunctions                                             |          |       |       |     |     | 11-27-90 | AC   |
|              | C) Pierced Primers                                          |          |       |       |     |     | 11-27-90 | AC   |
|              | D) Optical Clarity of Scope                                 |          |       |       |     |     | 11-27-90 | AC   |
| 645          | Inspect for Live Ammo                                       |          |       |       |     |     | 11-22-90 | AC   |
| 655          | Final Inspection                                            |          |       |       |     |     |          |      |
|              | A) Headspace                                                |          |       |       |     |     | 12-10-90 | JS   |
|              | B) Trigger Pull                                             | 247      | 241   | 240   | 237 | 238 | 11-28-90 | JS   |
|              | C) Function                                                 |          |       |       |     |     | 12-10-90 | JS   |
| 660          | Pack                                                        |          |       |       |     |     | 12-19-90 | DH   |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# + .50#  
3.00# + .75#  
4.00# + 1.00#

SERIAL NO. C6587508DATE 11/19/90TESTER WB

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.37             | 2.43                     | 2.37                           | 2.47 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.35             | 2.29                     | 2.38                           | 2.41 |                                                                        |
| PULL #3 | 2.36             | 2.38                     | 2.35                           | 2.40 |                                                                        |
| PULL #4 | 2.34             | 2.43                     | 2.42                           | 2.37 |                                                                        |
| PULL #5 | 2.32             | 2.37                     | 2.35                           | 2.38 |                                                                        |
| TOTAL   | 11.74            | 11.90                    | 11.87                          |      |                                                                        |
| AVG.    | 2.35             | 2.38                     | 2.37                           |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.14             | 3.00                     |  |          |
| PULL #2 | 3.06             | 3.06                     |  |          |
| PULL #3 | 3.14             | 3.03                     |  |          |
| PULL #4 | 3.13             | 3.06                     |  |          |
| PULL #5 | 3.07             | 3.00                     |  |          |
| TOTAL   | 15.54            | 15.15                    |  |          |
| AVG.    | 3.11             | 3.03                     |  |          |

|         | 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 | 4.18             | 4.08                     |                                | 4.08                                 |
| PULL #2 | 4.00             | 4.03                     |                                | 4.11                                 |
| PULL #3 | 4.12             | 4.06                     |                                | 4.08                                 |
| PULL #4 | 4.09             | 4.03                     |                                | 4.06                                 |
| PULL #5 | 4.00             | 4.00                     |                                | 4.00                                 |
| TOTAL   | 20.39            | 20.20                    |                                | 20.33                                |
| AVG.    | 4.08             | 4.04                     |                                | 4.06                                 |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6587508  
27 Nov 1990

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .401688 |
| 1 TO | 2 | .555306 |
| 1 TO | 3 | .278002 |
| 1 TO | 4 | .1922   |
| 1 TO | 5 | .239852 |

←----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1216  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1214  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .171827

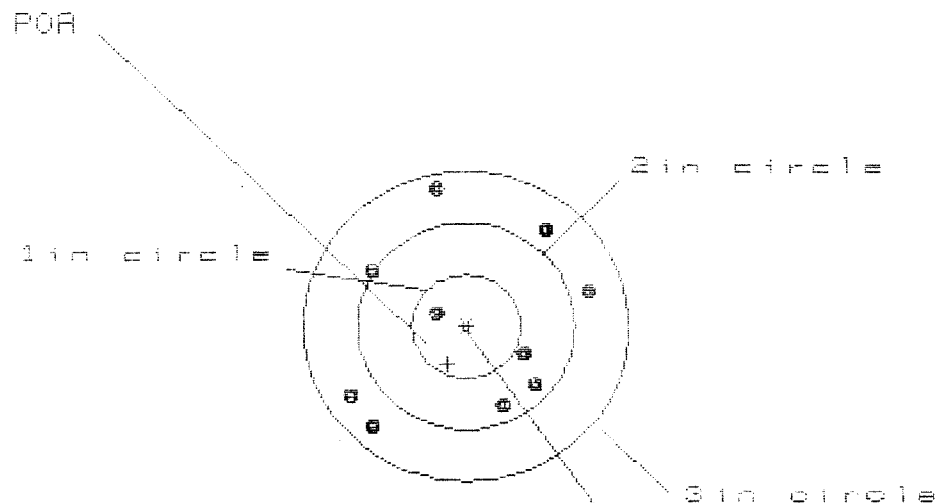
THE AMR FOR THIS RIFLE IS: .9248

27 Nov 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/08587508

## CENTERFIRE PATTERNS

# 1



# OF SHOTS - 10

# IN CIR

1 in = 1

2 in = 5

3 in = 10

HS = 2.173

VS = 2.268

GS = 2.410

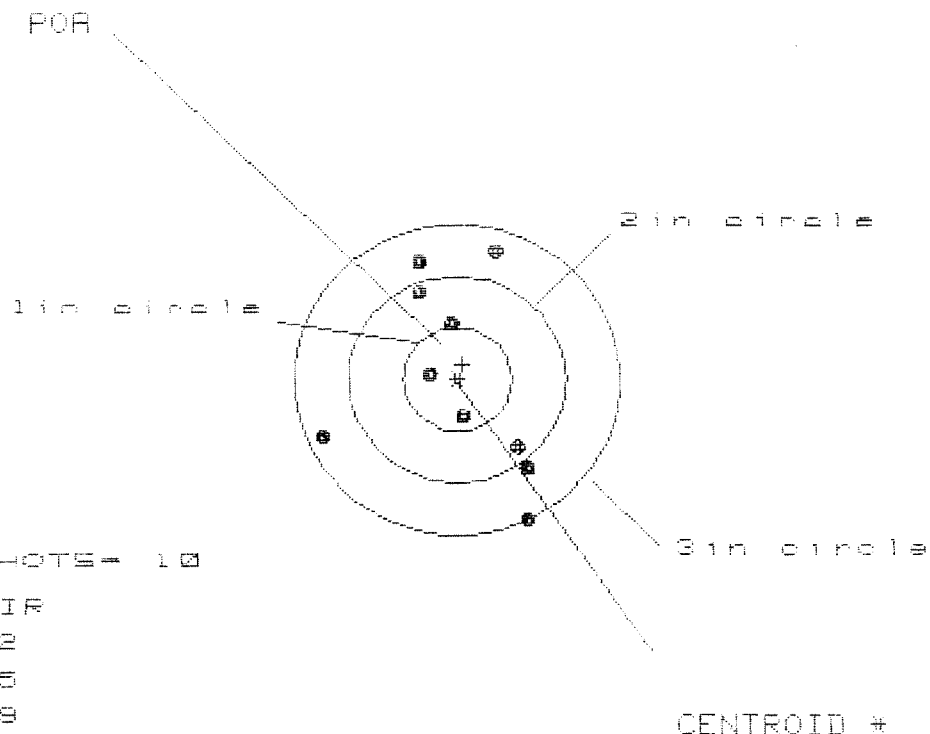
CENTROID #

| PATTERN #                   | 1      | 2      | 3      |
|-----------------------------|--------|--------|--------|
| SHOTS (BEST OF)             | 10     | 9      | 8      |
| MAXIMUM X                   | 1.109  | 1.076  | .969   |
| MINIMUM X                   | -1.064 | -1.097 | -1.204 |
| MAXIMUM Y                   | 1.298  | 1.044  | .941   |
| MINIMUM Y                   | -.970  | -.826  | -.767  |
| CENTROID X                  | .172   | .205   | .312   |
| CENTROID Y                  | .363   | .219   | .322   |
| POA TO CENTROID in.         | .402   | .300   | .449   |
| MIN RADIUS                  | .320   | .441   | .461   |
| MEAN RADIUS                 | .977   | .925   | .879   |
| MAX RADIUS                  | 1.332  | 1.236  | 1.338  |
| HORIZONTAL SPREAD           | 2.173  | 2.173  | 2.173  |
| VERTICAL SPREAD             | 2.268  | 1.870  | 1.708  |
| EXTREME SPREAD              | 2.410  | 2.410  | 2.378  |
| NUMBER IN ONE INCH CIRCLE   | = 1    |        |        |
| NUMBER IN TWO INCH CIRCLE   | = 5    |        |        |
| NUMBER IN THREE INCH CIRCLE | = 10   |        |        |

27 Nov 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/06587508

## CENTERFIRE PATTERNS # 2



# OF SHOTS = 10

# IN CIR

1 in = 2

2 in = 5

3 in = 9

HS = 1.845

VS = 2.571

GS = 2.729

PATTERN #

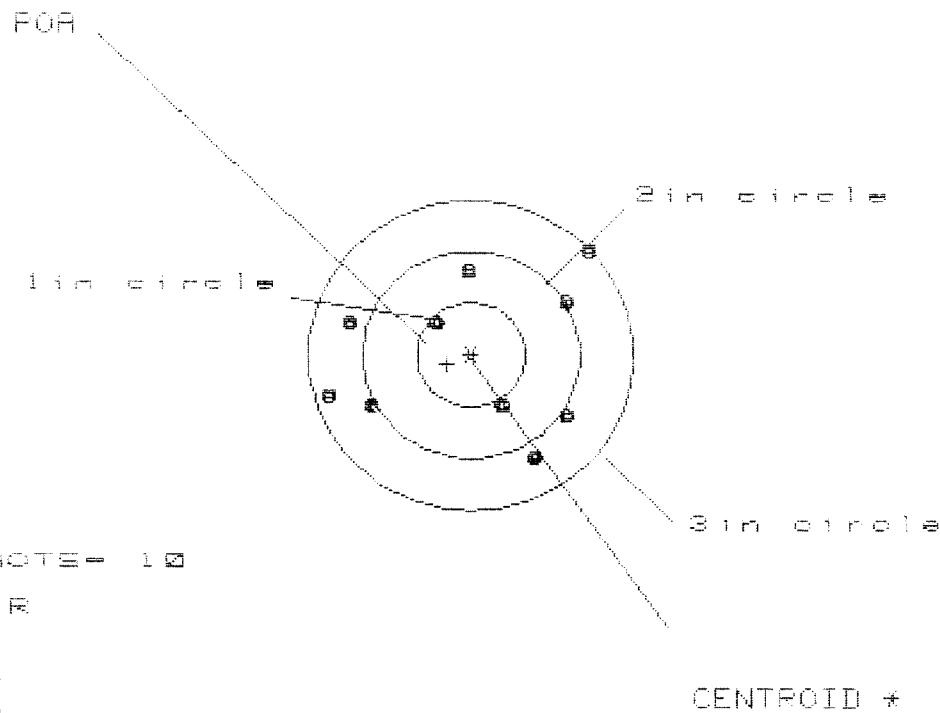
2

| SHOTS (BEST OF)               | 10     | 9      | 8      |
|-------------------------------|--------|--------|--------|
| MAXIMUM X                     | .643   | .712   | .571   |
| MINIMUM X                     | -1.202 | -1.133 | -.417  |
| MAXIMUM Y                     | 1.207  | 1.056  | .969   |
| MINIMUM Y                     | -1.364 | -.995  | -1.022 |
| CENTROID X                    | -.050  | -.119  | .022   |
| CENTROID Y                    | -.146  | .005   | .092   |
| POR TO CENTROID in.           | .154   | .119   | .095   |
| MIN RADIUS                    | .255   | .219   | .359   |
| MEAN RADIUS                   | .931   | .851   | .793   |
| MAX RADIUS                    | 1.501  | 1.328  | 1.223  |
| HORIZONTAL SPREAD             | 1.845  | 1.845  | .988   |
| VERTICAL SPREAD               | 2.571  | 2.051  | 2.051  |
| EXTREME SPREAD                | 2.729  | 2.352  | 2.258  |
| NUMBER IN ONE INCH CIRCLE =   |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 9      |        |

27 Nov 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C6587508

## CENTERFIRE PATTERNS # 3



# OF SHOTS = 10

# IN CIR

1 in = 1

2 in = 4

3 in = 9

HS = 3.407

VS = 2.007

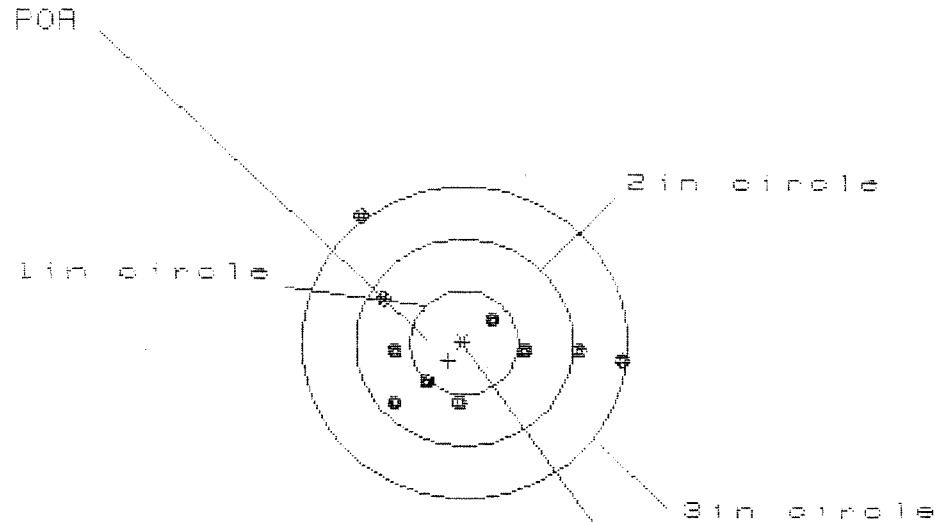
GS = 2.807

| PATTERN #                   | : | 3      |
|-----------------------------|---|--------|
| SHOTS (BEST OF)             | : | 10     |
| MAXIMUM X                   | : | 1.100  |
| MINIMUM X                   | : | -1.307 |
| MAXIMUM Y                   | : | 1.026  |
| MINIMUM Y                   | : | -.981  |
| CENTROID X                  | : | .219   |
| CENTROID Y                  | : | .089   |
| FOR TO CENTROID in.         | : | .237   |
| MIN RADIUS                  | : | .494   |
| MEAN RADIUS                 | : | 1.010  |
| MAX RADIUS                  | : | 1.504  |
| HORIZONTAL SPREAD           | : | 2.407  |
| VERTICAL SPREAD             | : | 2.007  |
| EXTREME SPREAD              | : | 2.807  |
| NUMBER IN ONE INCH CIRCLE   | = | 1      |
| NUMBER IN TWO INCH CIRCLE   | = | 4      |
| NUMBER IN THREE INCH CIRCLE | = | 9      |

27 Nov 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/06587588

## CENTERFIRE PATTERNS # 4



# OF SHOTS = 10

# IN CIR

1in = 1

2in = 7

3in = 9

IS = 2.440

VS = 1.837

GS = 2.785

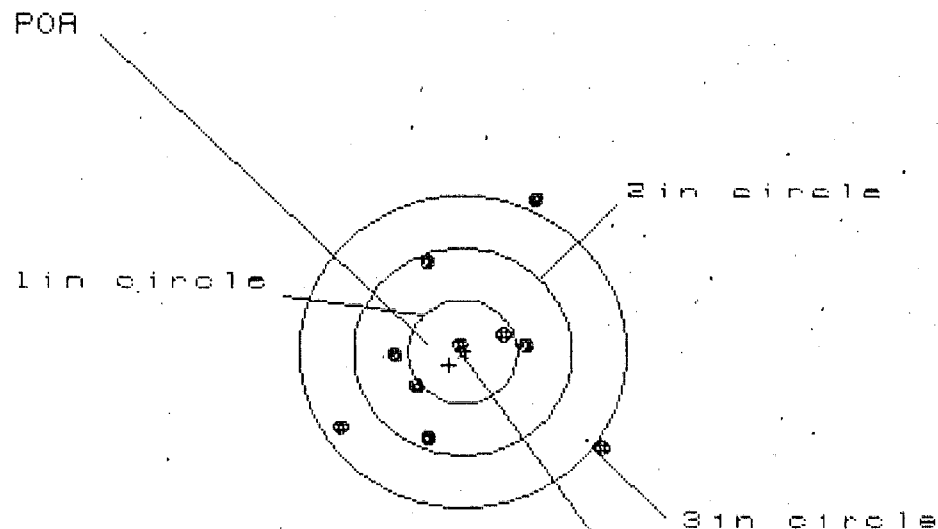
CENTROID \*

| PATTERN #                     | 4     |
|-------------------------------|-------|
| SHOTS (BEST OF)               | 10    |
| MAXIMUM X                     | 1.483 |
| MINIMUM X                     | -.957 |
| MAXIMUM Y                     | 1.216 |
| MINIMUM Y                     | -.621 |
| CENTROID X                    | .143  |
| CENTROID Y                    | .173  |
| POA TO CENTROID in.           | .225  |
| MIN RADIUS                    | .299  |
| MEAN RADIUS                   | .851  |
| MAX RADIUS                    | 1.547 |
| HORIZONTAL SPREAD             | 2.440 |
| VERTICAL SPREAD               | 1.837 |
| EXTREME SPREAD                | 2.785 |
| NUMBER IN ONE INCH CIRCLE =   | 1     |
| NUMBER IN TWO INCH CIRCLE =   | 7     |
| NUMBER IN THREE INCH CIRCLE = | 9     |

27 Nov 1990

FILE:/PATTERNING/CENTERFIRE\_PATT/C8587508

## CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 7

3 in = 8

HS = 2.452

VS = 2.394

GS = 2.834

CENTROID \*

| PATTERN #                     | 5      |
|-------------------------------|--------|
| SHOTS (BEST OF)               | 10     |
| MAXIMUM X                     | 1.281  |
| MINIMUM X                     | -1.171 |
| MAXIMUM Y                     | 1.425  |
| MINIMUM Y                     | -.969  |
| CENTROID X                    | .124   |
| CENTROID Y                    | .128   |
| POA TO CENTROID in.           | .178   |
| MIN RADIUS                    | .124   |
| MEAN RADIUS                   | .855   |
| MAX RADIUS                    | 1.606  |
| HORIZONTAL SPREAD             | 2.452  |
| VERTICAL SPREAD               | 2.394  |
| EXTREME SPREAD                | 2.834  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |
| NUMBER IN TWO INCH CIRCLE =   | 7      |
| NUMBER IN THREE INCH CIRCLE = | 8      |