

C6523444

MODEL 700<sup>TM</sup> M24

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

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.

*Remington*

M24000028248

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

Repair Inquiry

Repair Number: **RE00092657**

Serial: C6523444 Model: M24 SWS Center Fire  
Caliber: 7.62 NATO

Repairman:

Status:

Closed 2/8/2005 7:41:12 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEF DIST DEPOT ANNISTON

DEF DIST DEPOT ANNISTON

Address 1:

Address 2:

PO Box:

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 | Frt and Rear Sgt Base | 1   |

Repair Search

Refresh

Close

magletj

2/8/2005

9:39 AM

CAPS

NUM

INS

SCPL

start

3

4

Arms Services R...

4

Serial Number: **C6523444**

Model: **M24 SWS**



**RE00092657**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523444.\_\_\_0  
FILE DATE AND TIME: 02/15/2005 09:03

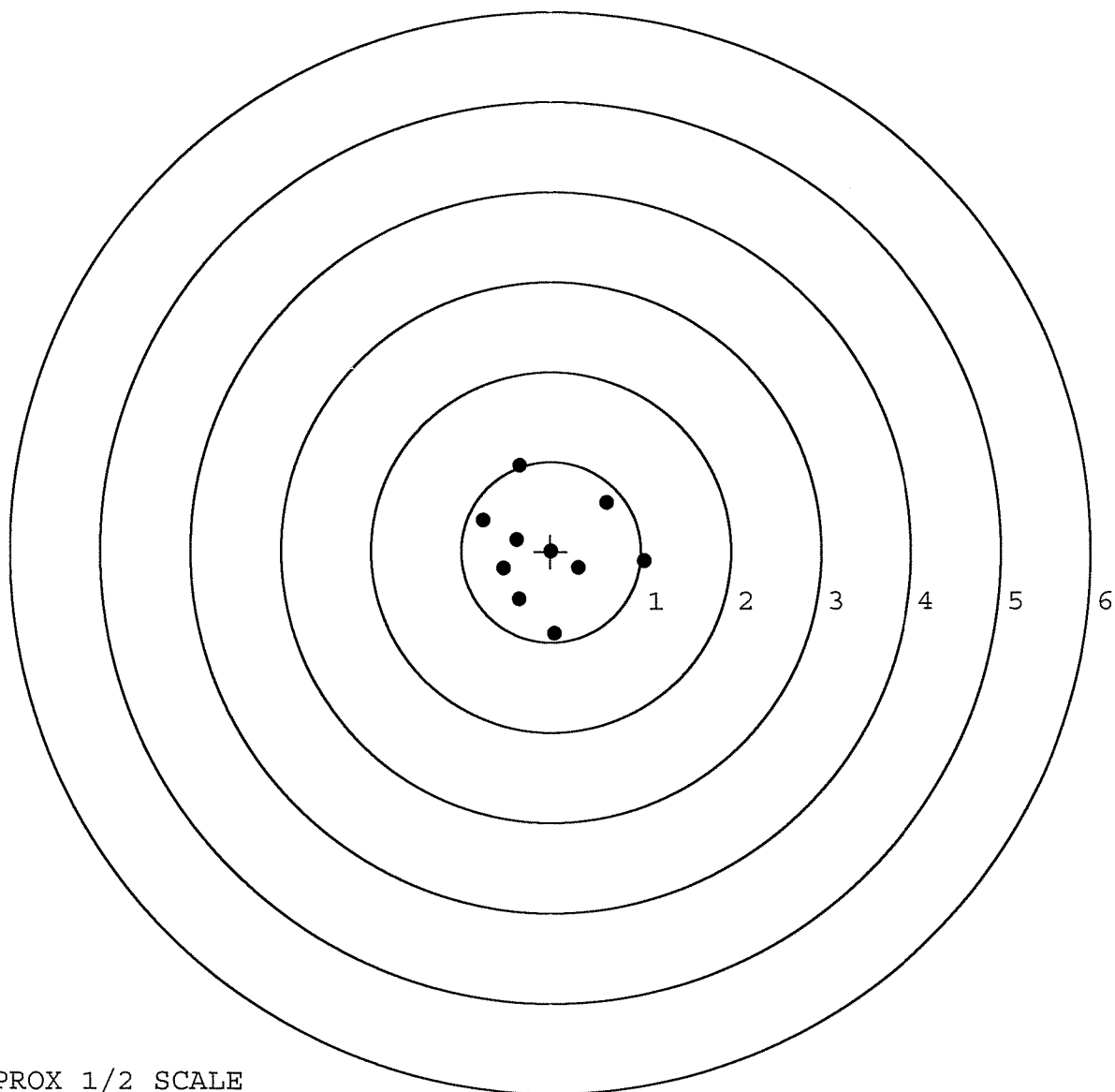
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.125 |
| The Average Y Centroid of the Five Target Set:              | 0.027  |
| The Average Point of Impact of the Five Target Set:         | 0.128  |
| The Average Mean Radius of the Five Target Set:             | 0.705  |
| The Distance from POA to Centroid Target #1:                | 0.037  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.108  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.102  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.164  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.251  |

SERIAL NUMBER: C6523444. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 02/15/2005  
FILE TIME: 09:03

X CENTROID: -0.037  
Y CENTROID: 0.004  
POA TO CENTROID: 0.037  
HORZ SPREAD: 1.792  
VERT SPREAD: 1.869  
GROUP SPREAD: 1.849  
MIN RADIUS: 0.038  
MAX RADIUS: 1.080  
MEAN RADIUS: 0.660  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.042  | -0.910 |
| 2:     | 1.037  | -0.112 |
| 3:     | 0.620  | 0.542  |
| 4:     | -0.353 | 0.959  |
| 5:     | -0.755 | 0.342  |
| 6:     | -0.382 | 0.131  |
| 7:     | -0.530 | -0.193 |
| 8:     | -0.360 | -0.532 |
| 9:     | 0.311  | -0.184 |
| 10:    | 0.001  | -0.001 |

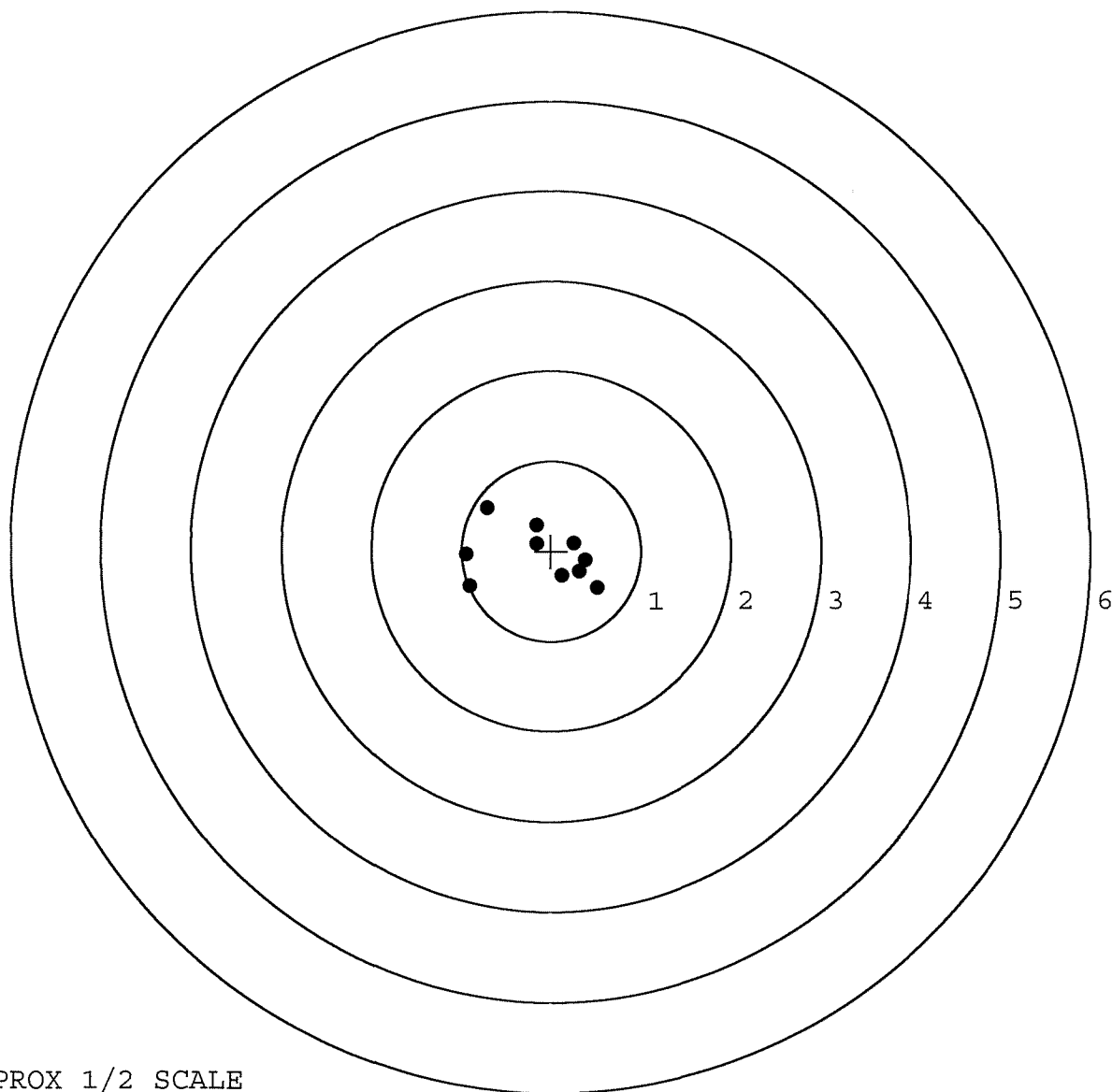


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523444. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 02/15/2005  
FILE TIME: 09:03

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.910 | -0.394 |
| 2:     | -0.947 | -0.041 |
| 3:     | -0.708 | 0.477  |
| 4:     | -0.154 | 0.288  |
| 5:     | -0.162 | 0.083  |
| 6:     | 0.517  | -0.413 |
| 7:     | 0.122  | -0.278 |
| 8:     | 0.255  | 0.089  |
| 9:     | 0.382  | -0.100 |
| 10:    | 0.314  | -0.230 |

X CENTROID: -0.129  
Y CENTROID: -0.052  
POA TO CENTROID: 0.139  
HORZ SPREAD: 1.464  
VERT SPREAD: 0.890  
GROUP SPREAD: 1.427  
MIN RADIUS: 0.139  
MAX RADIUS: 0.853  
MEAN RADIUS: 0.541  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10

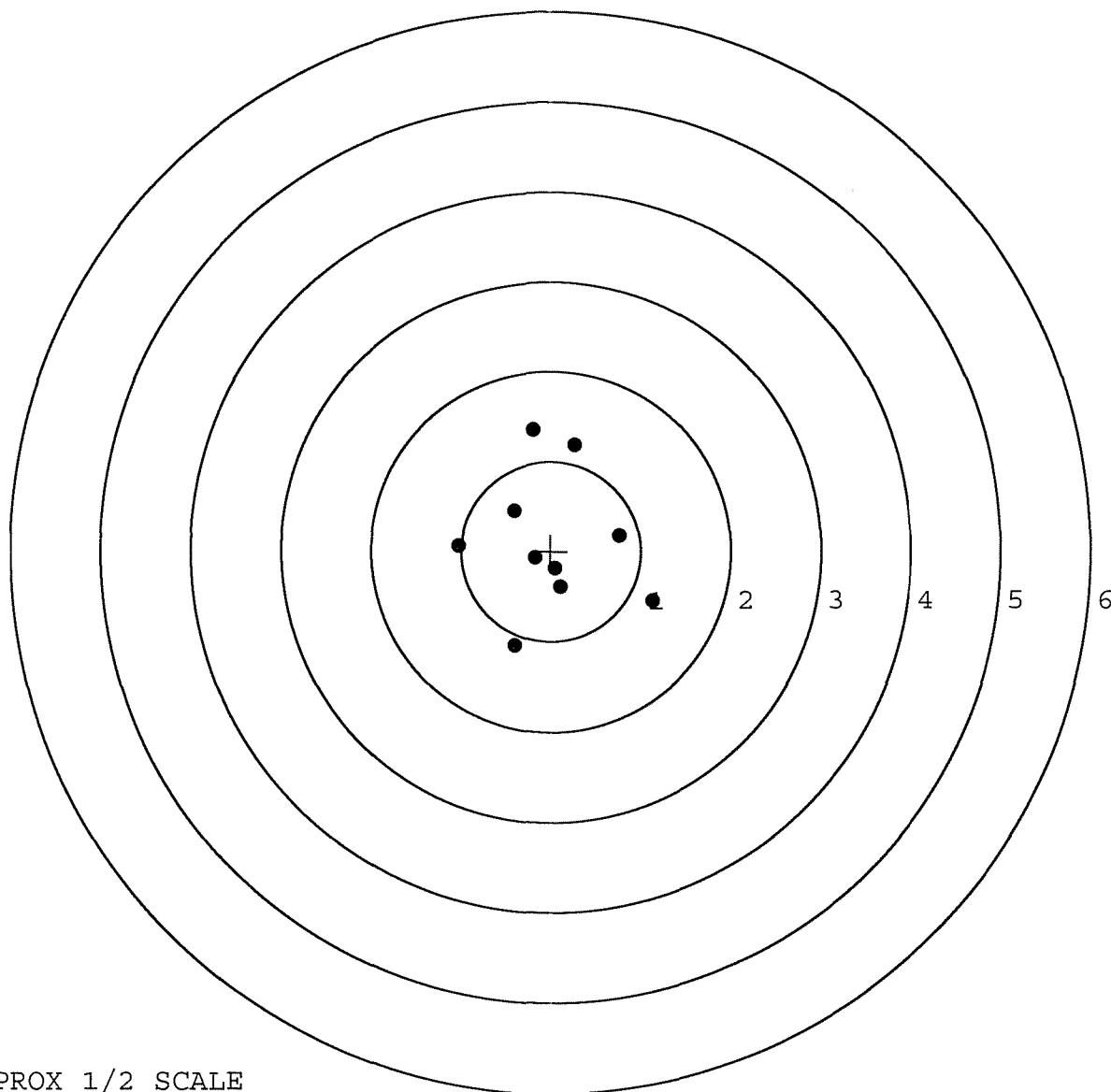


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523444. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 02/15/2005  
FILE TIME: 09:03

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.130  | -0.558 |
| 2:     | 0.762  | 0.180  |
| 3:     | 0.267  | 1.181  |
| 4:     | -0.194 | 1.352  |
| 5:     | -0.401 | -1.051 |
| 6:     | -1.029 | 0.061  |
| 7:     | 0.108  | -0.400 |
| 8:     | 0.051  | -0.198 |
| 9:     | -0.174 | -0.078 |
| 10:    | -0.402 | 0.454  |

X CENTROID: 0.012  
Y CENTROID: 0.094  
POA TO CENTROID: 0.095  
HORZ SPREAD: 2.159  
VERT SPREAD: 2.403  
GROUP SPREAD: 2.324  
MIN RADIUS: 0.253  
MAX RADIUS: 1.295  
MEAN RADIUS: 0.830  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 5  
# in 3 IN DIAMETER: 10

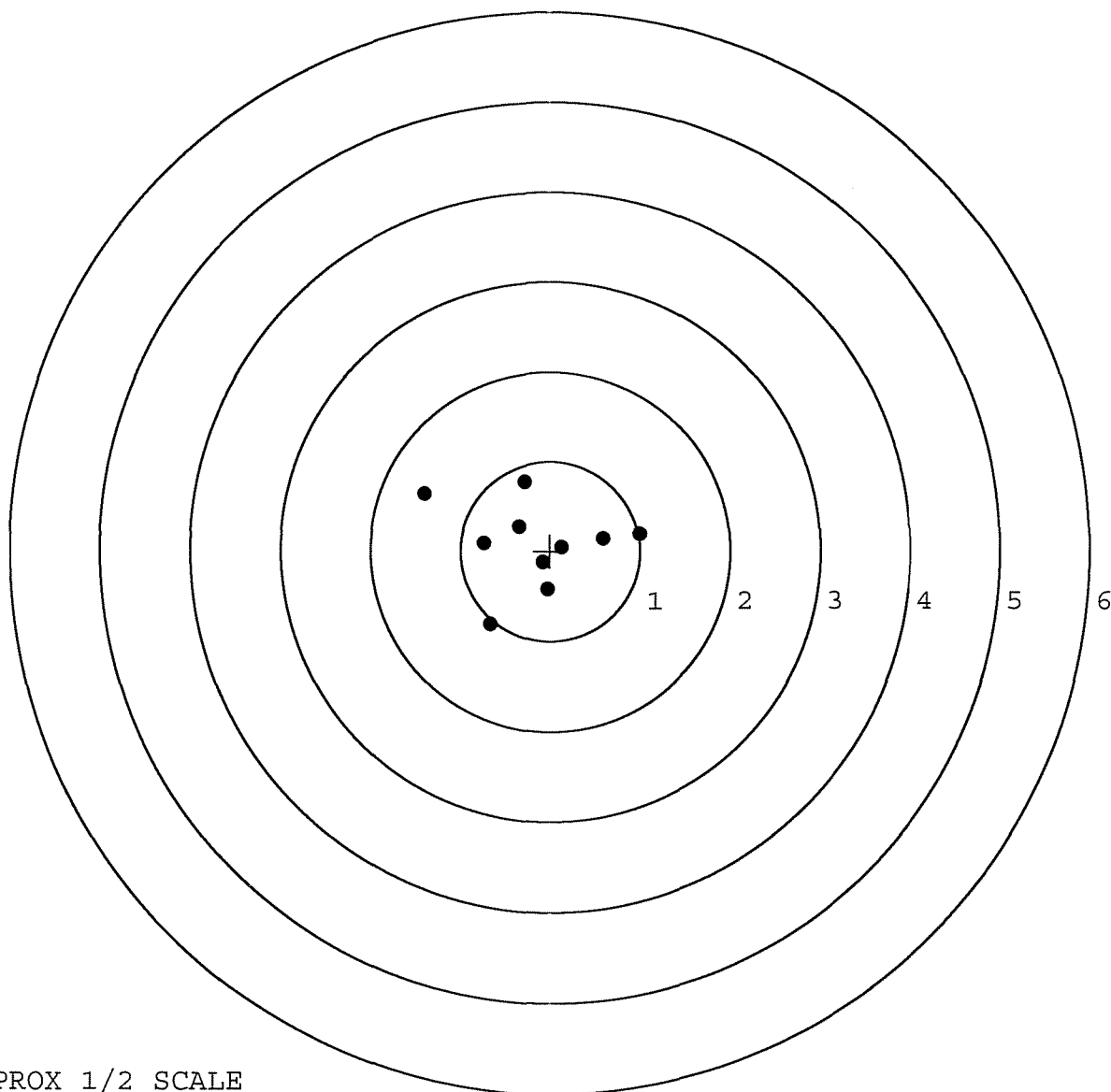


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523444. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 02/15/2005  
FILE TIME: 09:03

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.998  | 0.195  |
| 2:     | 0.587  | 0.146  |
| 3:     | -0.672 | -0.819 |
| 4:     | -0.741 | 0.092  |
| 5:     | -0.340 | 0.278  |
| 6:     | -0.280 | 0.775  |
| 7:     | -1.399 | 0.638  |
| 8:     | 0.130  | 0.043  |
| 9:     | -0.084 | -0.129 |
| 10:    | -0.029 | -0.432 |

X CENTROID: -0.183  
Y CENTROID: 0.079  
POA TO CENTROID: 0.199  
HORZ SPREAD: 2.397  
VERT SPREAD: 1.594  
GROUP SPREAD: 2.438  
MIN RADIUS: 0.230  
MAX RADIUS: 1.338  
MEAN RADIUS: 0.691  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 10

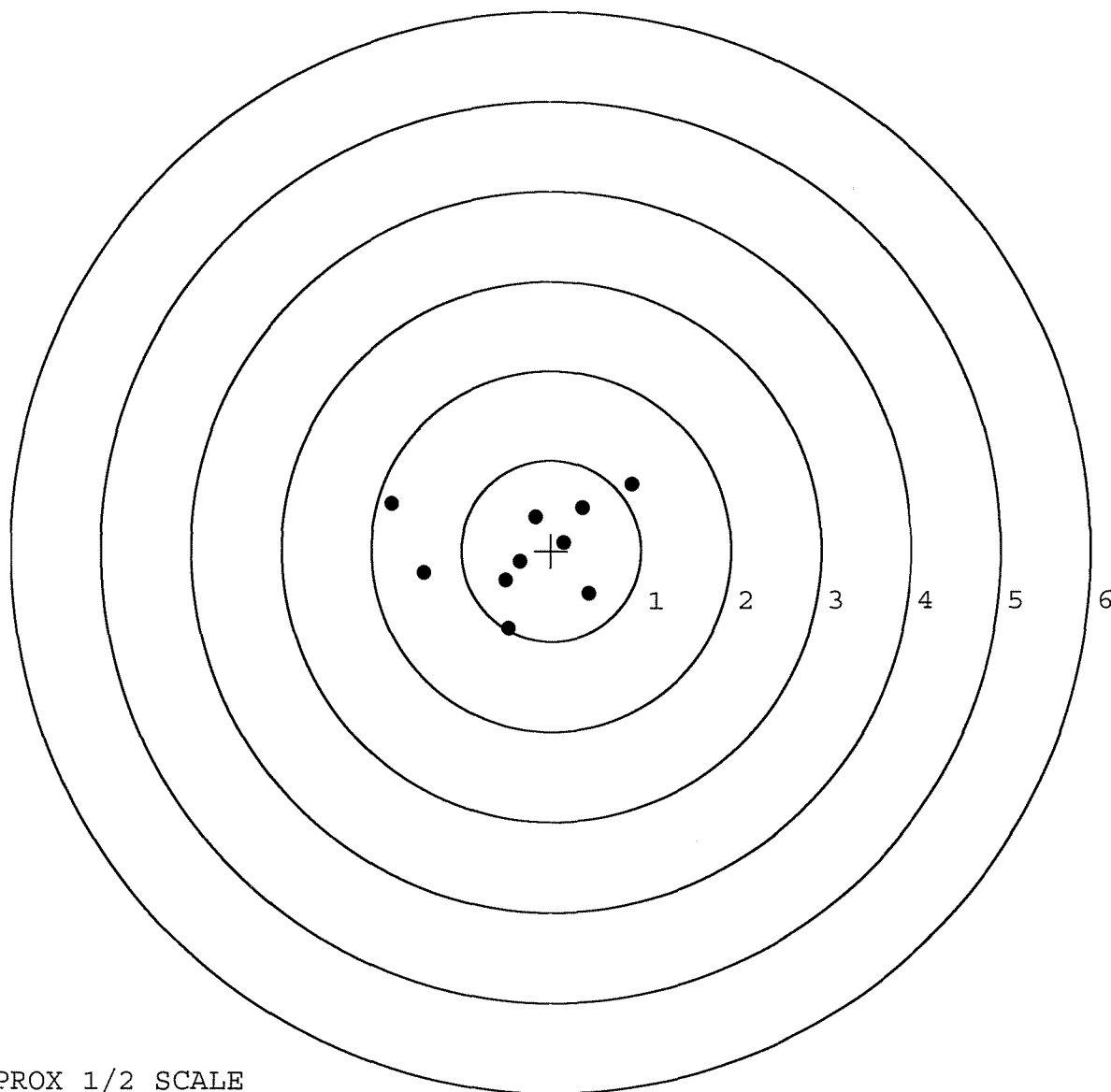


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523444. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 02/15/2005  
FILE TIME: 09:03

X CENTROID: -0.287  
Y CENTROID: 0.012  
POA TO CENTROID: 0.288  
HORZ SPREAD: 2.675  
VERT SPREAD: 1.595  
GROUP SPREAD: 2.684  
MIN RADIUS: 0.151  
MAX RADIUS: 1.565  
MEAN RADIUS: 0.803  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.904  | 0.729  |
| 2:     | 0.424  | -0.476 |
| 3:     | 0.355  | 0.468  |
| 4:     | 0.143  | 0.092  |
| 5:     | -0.172 | 0.367  |
| 6:     | -0.352 | -0.125 |
| 7:     | -0.512 | -0.331 |
| 8:     | -0.480 | -0.866 |
| 9:     | -1.414 | -0.253 |
| 10:    | -1.771 | 0.510  |



TARGET APPROX 1/2 SCALE

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

|                     |                    |                     |         |    |
|---------------------|--------------------|---------------------|---------|----|
| R & E NUMBER        | 92657              |                     |         |    |
| SERIAL NUMBER       | C6523444           |                     |         |    |
| LOG-IN DATE         | 2-8-05             |                     |         |    |
| INSPECT AND VERIFY: |                    |                     |         |    |
| OPERATION #         | OPERATION NAME     | DATE                | INITIAL |    |
| 550                 | DIS-ASSEMBLE GUN   | X                   |         |    |
| 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  |                     | 4-25-05 | AK |
| D                   | SAFETY "OFF" FORCE |                     | 4-25-05 | AK |
| E                   | FIRING PIN INDENT  | 4-25-05             | AK      |    |
| 640                 | TARGET TEST        | 2-15-05             | RTZ     |    |
| 655                 | FINAL INSPECT      | 4-25-05             | AK      |    |
| 660                 | PACK               | 4-25-05             | RA      |    |
|                     |                    | SHIP DATE           |         |    |
|                     |                    | QAR INSPECTION DATE |         |    |

RECEIVING AND ESTIMATING REPORT

R 94-18794

|                                                                           |                                        |           |                                                              |                   |                             |                   |      |
|---------------------------------------------------------------------------|----------------------------------------|-----------|--------------------------------------------------------------|-------------------|-----------------------------|-------------------|------|
| INITIAL<br>JJM                                                            | CUSTOMER ORDER NO.<br>DAAA09-92-C-0834 |           | W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT<br>ATTN FRED MARTIN |                   |                             | Scope S/N 96-0309 |      |
| DATE RECEIVED<br>06/14/94                                                 | DATE OPENED<br>06/15/94                | DATE CODE | SERIAL NUMBER<br>C6523444                                    | NEW SERIAL NUMBER | MODEL AND GRADE<br>700 7.62 |                   | NATO |
| ACCESSORIES<br>HARD CASE      SCOPE MNTS      SCOPE BASE      SLING STRAP |                                        |           |                                                              |                   |                             |                   |      |

FROM:

SHIP TO:

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

AL 36201-5025

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

AL

36201-5025

CUST NO: 098397 C.O.D.

|                |                    |                                |            |           |            |
|----------------|--------------------|--------------------------------|------------|-----------|------------|
| ACCOUNT NUMBER | ACCOUNT NUMBER N/C | WRITE <input type="checkbox"/> | PROM. DATE | ESTIMATED | VIA<br>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  
✓ Mag Spring  
✓ ~~Mag~~ Mag Box  
✓ Firing pin Assy

96118 FRONT SIGHT ASSY

96119 REAR SIGHT ASSY

|                |       |       |                 |                 |         |
|----------------|-------|-------|-----------------|-----------------|---------|
| REPAIRMAN      | PROOF | CLEAN | TEST            | TARGET          | PATTERN |
| GALLERY TESTER | DATE  | DATE  | DATE<br>6/12/96 | DATE<br>6/12/96 | DATE    |

OFFICE COPY

RD6925 REV. 1/94

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

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

SERIAL NO. C6523444

DATE 6-3-96

TESTER DA

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------------------------------------------------------------------------|
| PULL #1 | 2.53             | 2.66                     | 2.71                           | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.64             | 2.71                     | 2.64                           |                                                                        |
| PULL #3 | 2.58             | 2.61                     | 2.74                           |                                                                        |
| PULL #4 | 2.67             | 2.62                     | 2.74                           |                                                                        |
| PULL #5 | 2.72             | 2.69                     | 2.71                           |                                                                        |
| TOTAL   | 13.14            | 13.29                    | 13.54                          |                                                                        |
| AVG.    | 2.62             | 2.65                     | 2.70                           |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES | COMMENTS |
|---------|------------------|--------------------------|----------|
| PULL #1 | 3.26             | 3.05                     |          |
| PULL #2 | 3.20             | 3.17                     |          |
| PULL #3 | 3.15             | 3.11                     |          |
| PULL #4 | 3.14             | 3.17                     |          |
| PULL #5 | 3.13             | 3.22                     |          |
| TOTAL   | 15.88            | 15.72                    |          |
| AVG.    | 3.17             | 3.14                     |          |

|         | 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 | 4.02             | 4.00                     |                                | 4.37                                 |
| PULL #2 | 4.12             | 4.10                     |                                | 4.37                                 |
| PULL #3 | 4.07             | 4.04                     |                                | 4.27                                 |
| PULL #4 | 4.08             | 4.00                     |                                | 4.38                                 |
| PULL #5 | 4.08             | 4.03                     |                                | 4.30                                 |
| TOTAL   | 20.37            | 20.17                    |                                | 21.69                                |
| AVG.    | 4.07             | 4.03                     |                                | 4.33                                 |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6523444  
17 Apr 1988

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .376449 |
| 1 TO | 2 | .454493 |
| 1 TO | 3 | .543225 |
| 1 TO | 4 | .395062 |
| 1 TO | 5 | .343385 |

371 <----POR

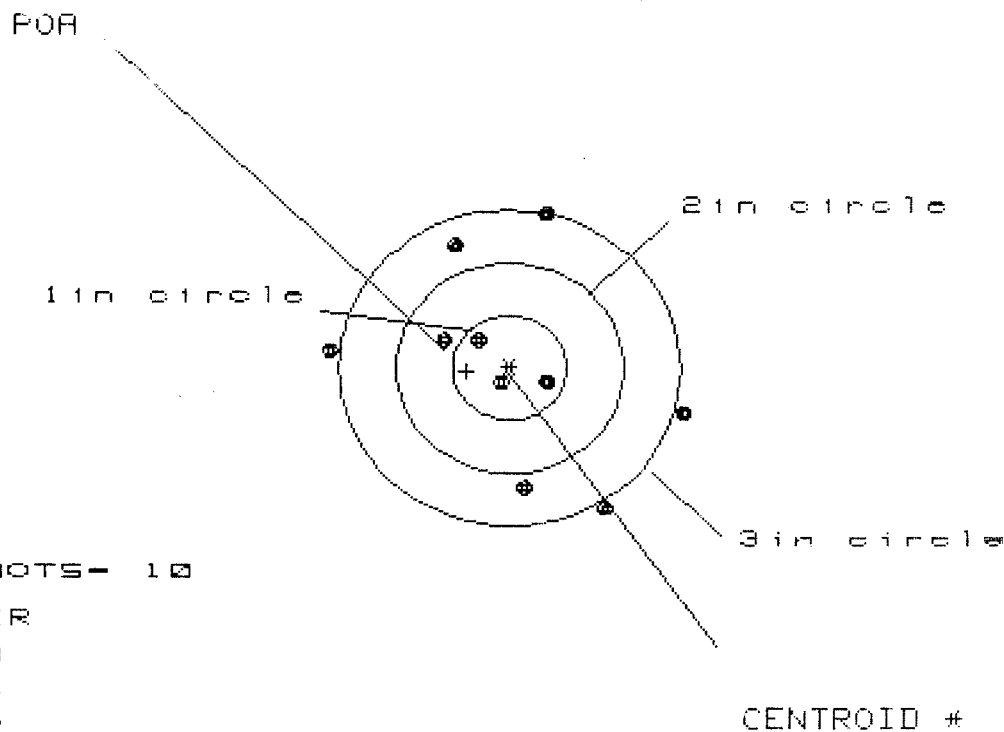
THE AVERAGE X-COORDINATE: .0988  
THE AVERAGE Y-COORDINATE: .116  
THE RESULTING AVERAGE: .233529

THE AMR FOR THIS RIFLE IS: .9336

17 Apr 90

FILE://PATTERNING/CENTERFIRE\_PATT/C6523444

# CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1in = 3

2in = 4

3in = 7

HS= 3.057

VS= 2.738

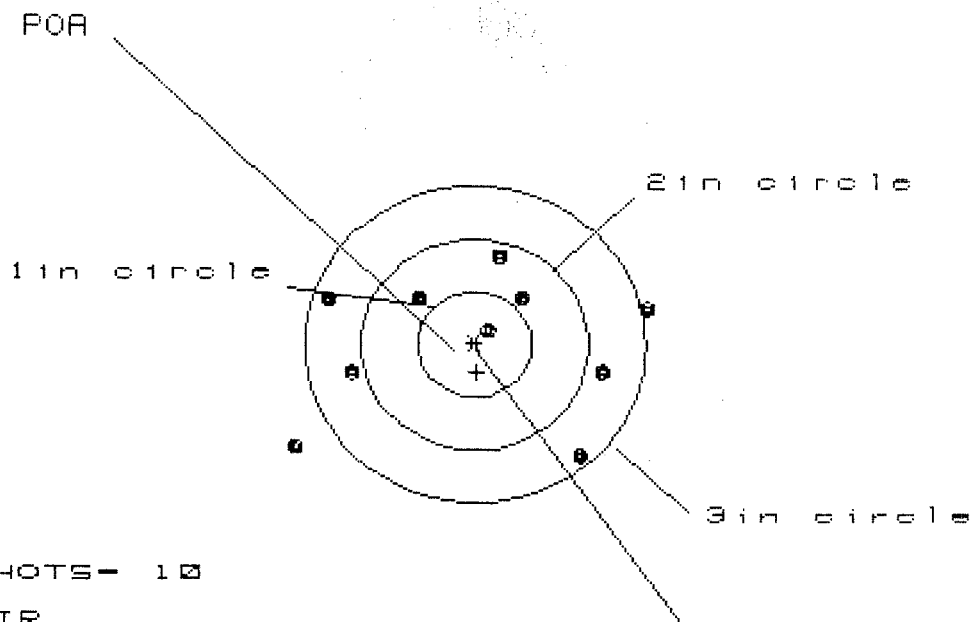
GS= 3.122

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 1      | 2      | 3      |
| SHOTS (BEST OF)             | : | 9      | 9      | 8      |
| MAXIMUM X                   | : | 1.310  | 1.310  | .772   |
| MINIMUM X                   | : | -1.773 | -1.773 | -.610  |
| MAXIMUM Y                   | : | 1.448  | 1.448  | 1.390  |
| MINIMUM Y                   | : | 1.290  | 1.290  | -1.348 |
| CENTROID X                  | : | .549   | .549   | .386   |
| CENTROID Y                  | : | .016   | .016   | .074   |
| POA TO CENTROID in.         | : | .550   | .550   | .393   |
| MIN RADIUS                  | : | .233   | .233   | .207   |
| MEAN RADIUS                 | : | .966   | .966   | .882   |
| MAX RADIUS                  | : | 1.454  | 1.454  | 1.553  |
| HORIZONTAL SPREAD           | : | 2.083  | 2.083  | 1.382  |
| VERTICAL SPREAD             | : | 2.738  | 2.738  | 2.738  |
| EXTREME SPREAD              | : | 2.793  | 2.793  | 2.793  |
| NUMBER IN ONE INCH CIRCLE   | = | 3      | 3      | 3      |
| NUMBER IN TWO INCH CIRCLE   | = | 4      | 4      | 4      |
| NUMBER IN THREE INCH CIRCLE | = | 7      | 7      | 7      |

17 Apr 1968

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# CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1in - 1

2in - 4

3in = 8

HS- 3.127

VS= 1.928

GS= 3.398

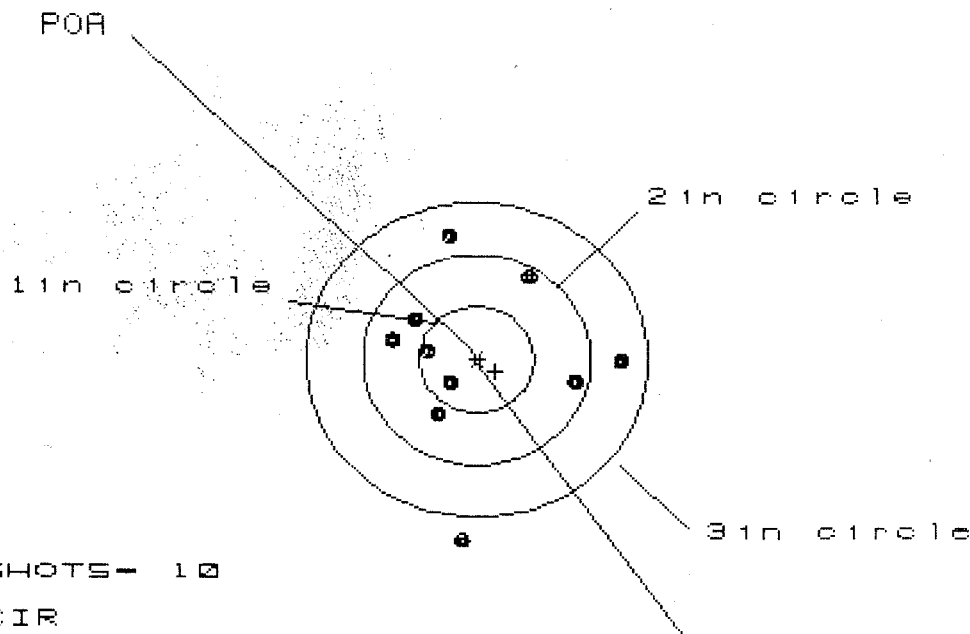
CENTROID #

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 2      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.549  | 1.373  | 1.099  |
| MINIMUM X                   | : | -1.578 | -1.412 | -1.240 |
| MAXIMUM Y                   | : | .830   | .770   | .799   |
| MINIMUM Y                   | : | -1.048 | -1.158 | -1.129 |
| CENTROID X                  | : | -.017  | .159   | -.013  |
| CENTROID Y                  | : | .263   | .373   | .344   |
| POA TO CENTROID in.         | : | .264   | .406   | .344   |
| MIN RADIUS                  | : | .147   | .063   | .112   |
| MEAN RADIUS                 | : | 1.060  | .932   | .876   |
| MAX RADIUS                  | : | 1.862  | 1.444  | 1.480  |
| HORIZONTAL SPREAD           | : | 3.127  | 2.785  | 2.339  |
| VERTICAL SPREAD             | : | 1.928  | 1.928  | 1.928  |
| EXTREME SPREAD              | : | 3.398  | 2.786  | 2.638  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |        |

17 Apr 1988

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## CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1in = 2

2in = 7

3in = 9

HS= 1.981

VS= 2.896

GS= 2.896

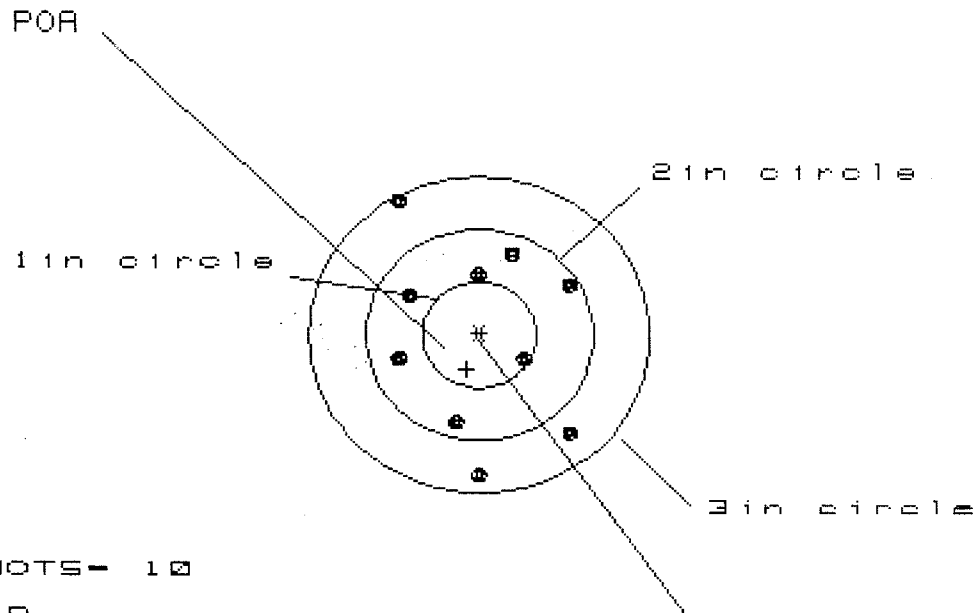
CENTROID \*

| PATTERN #                   | : | 3      |       |       |
|-----------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | 1.238  | 1.217 | .971  |
| MINIMUM X                   | : | -.743  | -.764 | -.611 |
| MAXIMUM Y                   | : | 1.173  | .982  | .957  |
| MINIMUM Y                   | : | -1.723 | -.688 | -.714 |
| CENTROID X                  | : | -.162  | -.141 | -.294 |
| CENTROID Y                  | : | .115   | .306  | .331  |
| POA TO CENTROID in.         | : | .198   | .337  | .443  |
| MIN RADIUS                  | : | .315   | .459  | .324  |
| MEAN RADIUS                 | : | .867   | .768  | .670  |
| MAX RADIUS                  | : | 1.733  | 1.234 | 1.055 |
| HORIZONTAL SPREAD           | : | 1.981  | 1.981 | 1.582 |
| VERTICAL SPREAD             | : | 2.896  | 1.670 | 1.670 |
| EXTREME SPREAD              | : | 2.896  | 1.994 | 1.713 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9     |       |

17 Apr 1988

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# CENTERFIRE PATTERNS # 4



# OF SHOTS - 10

# IN CIR

1 in - 1

2 in - 7

3 in = 10

HS- 1.553

VS= 2.551

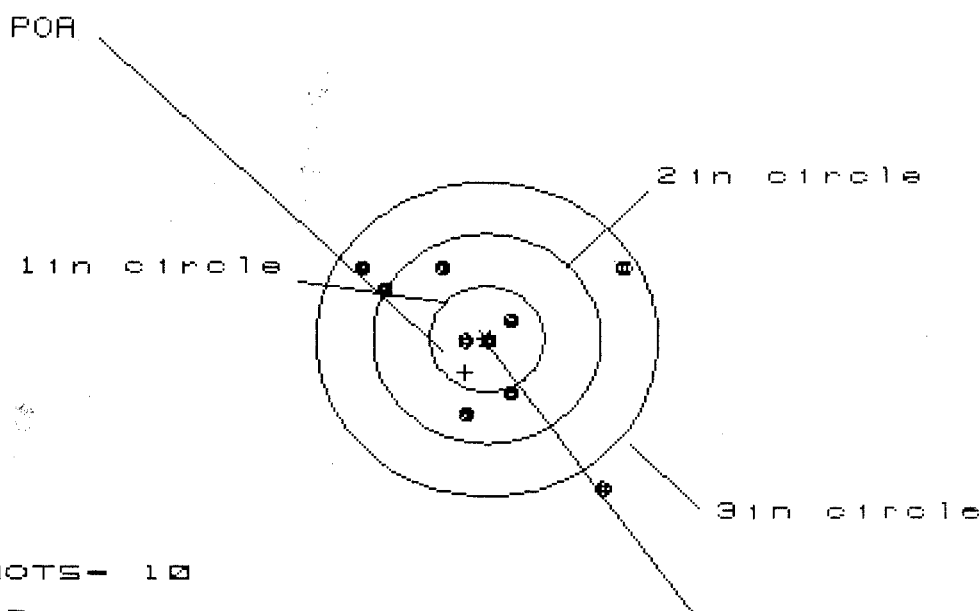
GS= 2.656

|                             |   |        |        |       |
|-----------------------------|---|--------|--------|-------|
| PATTERN #                   | : | 4      |        |       |
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | .830   | .751   | .745  |
| MINIMUM X                   | : | -.723  | -.802  | -.808 |
| MAXIMUM Y                   | : | 1.244  | .943   | .797  |
| MINIMUM Y                   | : | -1.307 | -1.169 | -.930 |
| CENTROID X                  | : | .110   | .189   | .195  |
| CENTROID Y                  | : | .326   | .188   | .334  |
| POA TO CENTROID in.         | : | .344   | .267   | .387  |
| MIN RADIUS                  | : | .412   | .290   | .344  |
| MEAN RADIUS                 | : | .908   | .843   | .787  |
| MAX RADIUS                  | : | 1.432  | 1.170  | 1.139 |
| HORIZONTAL SPREAD           | : | 1.553  | 1.553  | 1.553 |
| VERTICAL SPREAD             | : | 2.551  | 2.112  | 1.727 |
| EXTREME SPREAD              | : | 2.656  | 2.131  | 1.923 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |       |

17 Apr 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/06523444

## CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1in - 3

2in - 6

3in - 9

HS- 2.391

VS- 2.096

GS- 2.988

CENTROID #

| PATTERN #                   | : | 5      |        |       |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.259  | 1.371  | .533  |
| MINIMUM X                   | : | -1.132 | -1.020 | -.848 |
| MAXIMUM Y                   | : | .688   | .531   | .591  |
| MINIMUM Y                   | : | -1.408 | -.876  | -.816 |
| CENTROID X                  | : | .188   | .076   | -.096 |
| CENTROID Y                  | : | .321   | .478   | .418  |
| POA TO CENTROID in.         | : | .372   | .484   | .428  |
| MIN RADIUS                  | : | .066   | .194   | .138  |
| MEAN RADIUS                 | : | .815   | .719   | .624  |
| MAX RADIUS                  | : | 1.735  | 1.453  | 1.024 |
| HORIZONTAL SPREAD           | : | 2.391  | 2.391  | 1.381 |
| VERTICAL SPREAD             | : | 2.096  | 1.407  | 1.407 |
| EXTREME SPREAD              | : | 2.988  | 2.391  | 1.793 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |       |

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6523444

| 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. #        | OP. NAME                                                    | READINGS |       |       |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------|----------|-------|-------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                          | 7 1/4    | 7 1/2 | 7 1/4 |      |      | 6/24/96 | WB   |
|              | G) Safety Off Force                                         | 3 1/2    | 3 1/4 | 3     |      |      | 6/24/96 | WB   |
|              | H) Trigger Pull Test & Retainability                        |          |       |       |      |      |         |      |
|              | I) Firing Pin Indent                                        | .023     | .024  | .023  |      |      | 6/24/96 | WB   |
|              | J) Assemble Stock                                           |          |       |       |      |      |         |      |
|              | K) Assemble Swivel Studs                                    |          |       |       |      |      |         |      |
|              | L) Attach Front and Rear Sight Assemblies                   |          |       |       |      |      |         |      |
|              | M) Iron Sight Alignment                                     |          |       |       |      |      |         |      |
|              | N) Detach Front & Rear Sights & place in numbered container |          |       |       |      |      |         |      |
|              | O) Attach Scope to Rifle                                    |          |       |       |      |      |         |      |
|              | P) Detach & Attach Scope 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                                            |          |       |       |      |      |         |      |
|              | A) Headspace                                                |          |       |       |      |      |         |      |
|              | B) Trigger Pull                                             | 2.74     | 2.79  | 2.82  | 2.83 | 2.83 | 6/22/96 | WB   |
|              | C) Function                                                 |          |       |       |      |      |         |      |
| 660          | Pack                                                        |          |       |       |      |      |         |      |

# Remington



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

MODEL 700<sup>TM</sup> H24

SERIAL NO.  
C6523444

ORDER NO.  
5716

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

01



5716 C6523444

UPC



0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523444

| OP. #        | OP. NAME                                                       | READINGS | DATE     | INIT |
|--------------|----------------------------------------------------------------|----------|----------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 9 24     | 90       | RW   |
| 600          | Proof                                                          | 9 24     | 90       | RW   |
| 607          | Check Headspace                                                | 9 24     | 90       | RW   |
| 610          | Dis-assemble Gun                                               | 9 24     | 90       | RW   |
| 612          | Magnaflux Barrel<br>Action                                     |          | 9-25-90  | KR   |
|              | Magnaflux Bolt                                                 |          | 9-25-90  | KR   |
| 615          | Rollmark Caliber                                               |          | 9-25-90  | GL   |
| 617          | Drill and Tap Sight Holes                                      |          | 9-25-90  | FB   |
| 618          | Polish Barrel RB                                               |          | 9/28/90  | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 10-2-90  | TJA  |
|              | Apply Coating (Bolt)                                           |          |          |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 10/8/90  | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 10/8/90  | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 10/8/90  | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 10/8/90  | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 10/15/90 | GL   |

| op. #      | OP. NAME                                                    | READINGS |       |       |     |     | DATE     | INIT |
|------------|-------------------------------------------------------------|----------|-------|-------|-----|-----|----------|------|
| 605<br>nt. | F) Safety On Force                                          | 4 1/2    | 4 1/2 | 4 1/2 |     |     | 10/16/90 | WB   |
|            | G) Safety Off Force                                         | 3        | 3     | 3     |     |     | 10/16/90 | WB   |
|            | H) Trigger Pull Test & Retainability                        |          |       |       |     |     | 10/15/90 | JH   |
|            | I) Firing Pin Indent                                        | .022     | .022  | .022  |     |     | 10/16/90 | WB   |
|            | J) Assemble Stock                                           |          |       |       |     |     | 10/16/90 | RW   |
|            | K) Assemble Swivel Studs                                    |          |       |       |     |     | 11-20-90 | DH   |
|            | L) Attach Front and Rear Sight Assemblies                   |          |       |       |     |     | 10/16/90 | RW   |
|            | M) Iron Sight Alignment                                     |          |       |       |     |     | 10/16/90 | RW   |
|            | N) Detach Front & Rear Sights & place in numbered container |          |       |       |     |     | 10/16/90 | RW   |
|            | O) Attach Scope to Rifle                                    |          |       |       |     |     | 10/16/90 | RW   |
|            | P) Detach & Attach Scope 20 Times                           |          |       |       |     |     | 10/16/90 | RW   |
| 640        | Gallery Target & Test                                       |          |       |       |     |     | 10-24-90 | AC   |
|            | A) Time                                                     |          |       |       |     |     | 10-24-90 | AC   |
|            | B) Malfunctions                                             |          |       |       |     |     | 10-24-90 | AC   |
|            | C) Pierced Primers                                          |          |       |       |     |     | 10-24-90 | AC   |
|            | D) Optical Clarity of Scope                                 |          |       |       |     |     | 10-24-90 | AC   |
| 645        | Inspect for Live Ammo                                       |          |       |       |     |     | 10-24-90 | AC   |
| 655        | Final Inspection                                            |          |       |       |     |     |          |      |
|            | A) Headspace                                                |          |       |       |     |     | 11-20-90 | DH   |
|            | B) Trigger Pull                                             | 232      | 212   | 236   | 243 | 219 | 11-20-90 | DH   |
|            | C) Function                                                 |          |       |       |     |     | 11-20-90 | DH   |
| 660        | Pack                                                        |          |       |       |     |     | 12/18/90 | N    |

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

SERIAL NO. C6523444  
DATE 10/15/90  
TESTER JR

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |     | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-----|------------------------------------------------------------------------|
| PULL #1 | 2.34             | 2.46                     | 2.32                           | 232 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.26             | 2.26                     | 2.13                           | 217 |                                                                        |
| PULL #3 | 2.24             | 2.42                     | 2.34                           | 236 |                                                                        |
| PULL #4 | 2.19             | 2.43                     | 2.36                           | 243 |                                                                        |
| PULL #5 | 2.37             | 2.32                     | 2.42                           | 249 |                                                                        |
| TOTAL   | 11.4             | 11.89                    | 11.57                          |     |                                                                        |
| AVG.    | 2.28             | 2.378                    | 2.314                          |     |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.46             | 3.33                     |  |          |
| PULL #2 | 3.10             | 3.25                     |  |          |
| PULL #3 | 3.49             | 3.26                     |  |          |
| PULL #4 | 3.34             | 3.20                     |  |          |
| PULL #5 | 3.28             | 3.28                     |  |          |
| TOTAL   | 16.67            | 16.32                    |  |          |
| AVG.    | 3.334            | 3.264                    |  |          |

|         | 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 | 4.45             | 4.50                     |                                | 4.13                                 |
| PULL #2 | 4.50             | 4.14                     |                                | 4.38                                 |
| PULL #3 | 4.48             | 4.28                     |                                | 4.31                                 |
| PULL #4 | 4.43             | 4.29                     |                                | 4.28                                 |
| PULL #5 | 4.42             | 4.35                     |                                | 4.29                                 |
| TOTAL   | 22.28            | 21.56                    |                                | 21.39                                |
| AVG.    | 4.456            | 4.312                    |                                | 4.278                                |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06523444  
24 Oct 1990

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .424364 |
| 1 TO | 2 | .650964 |
| 1 TO | 3 | .341709 |
| 1 TO | 4 | .507878 |
| 1 TO | 5 | .607951 |

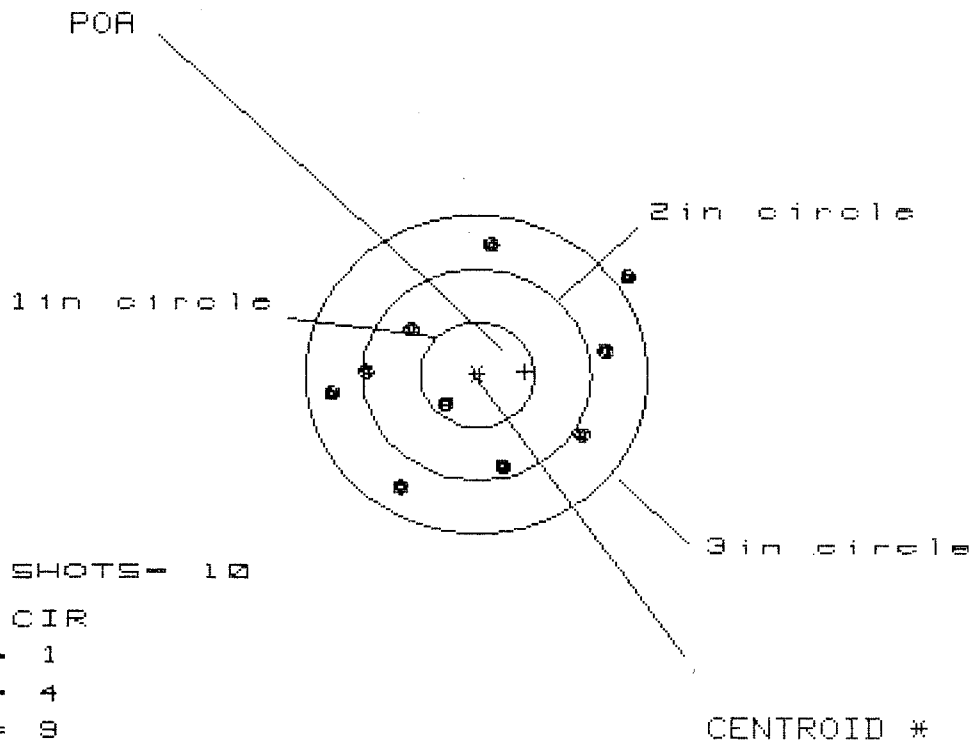
$1\frac{1}{2}$  <----POA

THE X COORDINATE FOR THIS RIFLE IS: -.0288  
THE Y COORDINATE FOR THIS RIFLE IS: -.003  
THE AVERAGE POI RADIUS FOR THIS RIFLE IS: .0289558  
THE R OF THIS RIFLE IS: .9504

24 Oct 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C6523444

# CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1in - 1

2in - 4

3in - 9

HS= 2.516

VS= 2.336

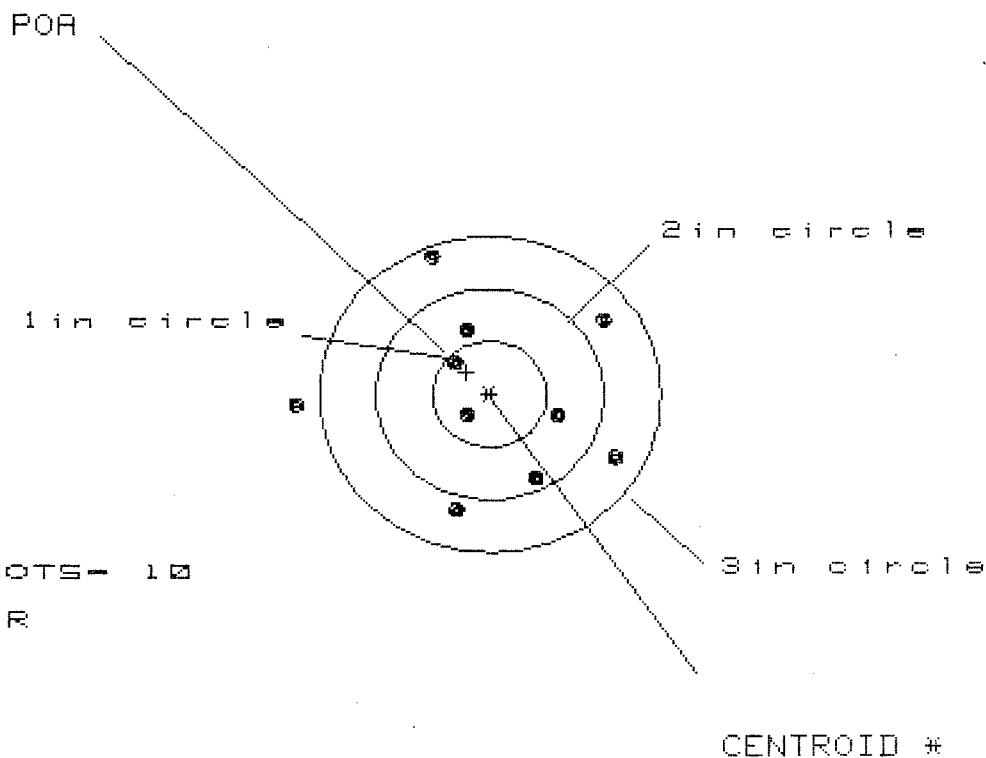
GS= 2.839

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 1      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.282  | 1.269  | 1.202  |
| MINIMUM X                   | : | -1.234 | -1.092 | -1.159 |
| MAXIMUM Y                   | : | 1.221  | 1.325  | 1.199  |
| MINIMUM Y                   | : | -1.115 | -1.011 | -.907  |
| CENTROID X                  | : | -.423  | -.565  | -.498  |
| CENTROID Y                  | : | -.034  | -.138  | -.012  |
| POA TO CENTROID in.         | : | .424   | .582   | .498   |
| MIN RADIUS                  | : | .342   | .168   | .309   |
| MEAN RADIUS                 | : | 1.053  | .958   | .945   |
| MAX RADIUS                  | : | 1.588  | 1.352  | 1.228  |
| HORIZONTAL SPREAD           | : | 2.516  | 2.361  | 2.361  |
| VERTICAL SPREAD             | : | 2.336  | 2.336  | 2.106  |
| DIAG SPREAD                 | : | 2.839  | 2.471  | 2.398  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

24 Oct 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C6523444

# CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1 in - 2

2 in - 5

3 in - 9

HS- 2.798

VS= 2.426

GS= 2.839

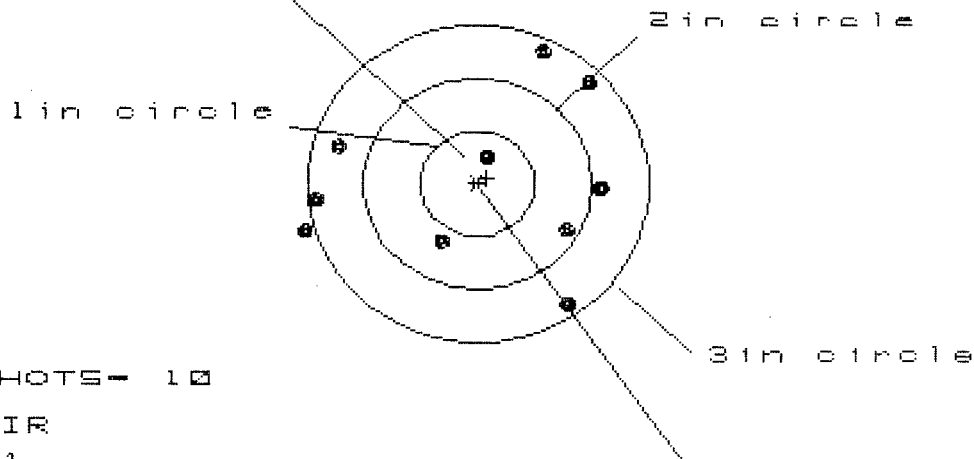
| PATTERN #                   | : | 2      |        |       |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.111  | .924   | .842  |
| MINIMUM X                   | : | -1.687 | -.652  | -.569 |
| MAXIMUM Y                   | : | 1.339  | 1.329  | .885  |
| MINIMUM Y                   | : | -1.087 | -1.097 | -.931 |
| CENTROID X                  | : | .204   | .391   | .473  |
| CENTROID Y                  | : | -.209  | -.199  | -.365 |
| POA TO CENTROID in.         | : | .292   | .439   | .597  |
| MIN RADIUS                  | : | .261   | .426   | .369  |
| MEAN RADIUS                 | : | .953   | .870   | .777  |
| MAX RADIUS                  | : | 1.689  | 1.480  | 1.155 |
| HORIZONTAL SPREAD           | : | 2.798  | 1.576  | 1.411 |
| VERTICAL SPREAD             | : | 2.426  | 2.426  | 1.816 |
| EXTREME SPREAD              | : | 2.839  | 2.478  | 2.237 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |       |

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FILE:/PATTERNING/CENTERFIRE\_PATT/06523444

# CENTERFIRE PATTERNS # 3

POA



# OF SHOTS- 10

# IN CIR

1in - 1

2in - 3

3in - 9

HS- 2.616

VS- 2.432

GS- 2.829

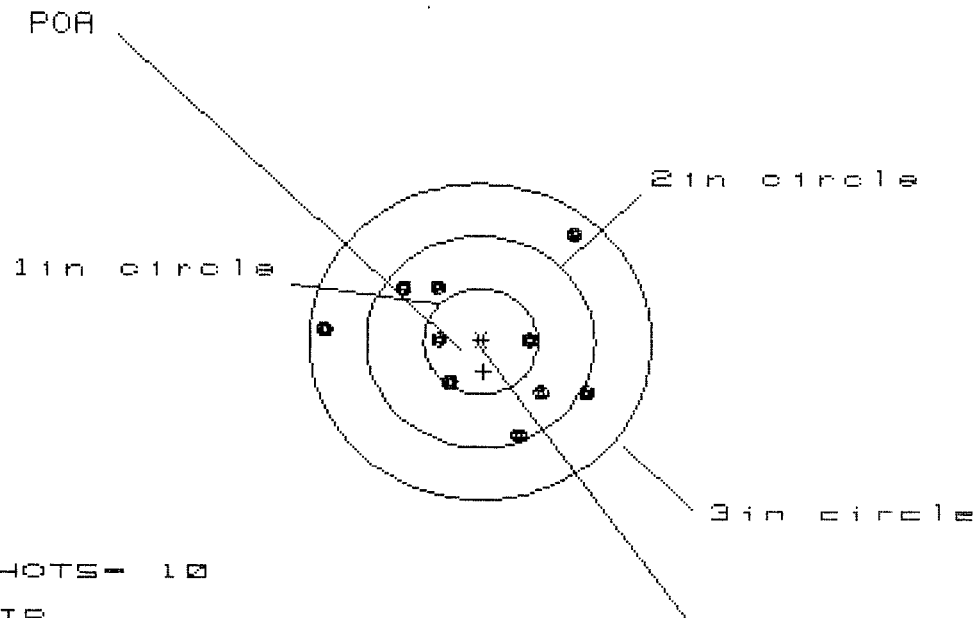
CENTROID \*

| PATTERN #                   | : | 3      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.129  | .964   | 1.020  |
| MINIMUM X                   | : | -1.487 | -1.572 | -1.516 |
| MAXIMUM Y                   | : | 1.279  | 1.231  | 1.034  |
| MINIMUM Y                   | : | -1.153 | -1.201 | -1.047 |
| CENTROID X                  | : | -.082  | .083   | .027   |
| CENTROID Y                  | : | -.056  | -.008  | -.162  |
| POA TO CENTROID in.         | : | .099   | .083   | .165   |
| MIN RADIUS                  | : | .264   | .199   | .345   |
| MEAN RADIUS                 | : | 1.133  | 1.067  | 1.034  |
| MAX RADIUS                  | : | 1.547  | 1.580  | 1.516  |
| HORIZONTAL SPREAD           | : | 2.616  | 2.536  | 2.536  |
| VERTICAL SPREAD             | : | 2.432  | 2.432  | 2.081  |
| EXTREME SPREAD              | : | 2.829  | 2.618  | 2.618  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 3      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

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FILE:/PATTERNING/CENTERFIRE\_PATT/C6523444

# CENTERFIRE PATTERNS # 4



# OF SHOTS- 10

# IN CIR

1in - 3

2in - 7

3in = 10

HS= 2.291

VS= 1.895

GS= 2.391

CENTROID #

|                             |   |        |       |       |
|-----------------------------|---|--------|-------|-------|
| PATTERN #                   | : | 4      |       |       |
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | .919   | .767  | .853  |
| MINIMUM X                   | : | -1.372 | -.831 | -.745 |
| MAXIMUM Y                   | : | .989   | .997  | .676  |
| MINIMUM Y                   | : | -.906  | -.898 | -.773 |
| CENTROID X                  | : | -.027  | .125  | .040  |
| CENTROID Y                  | : | .284   | .276  | .151  |
| POA TO CENTROID in.         | : | .285   | .303  | .156  |
| MIN RADIUS                  | : | .364   | .307  | .368  |
| MEAN RADIUS                 | : | .806   | .737  | .661  |
| MAX RADIUS                  | : | 1.374  | 1.210 | 1.006 |
| HORIZONTAL SPREAD           | : | 2.291  | 1.598 | 1.598 |
| VERTICAL SPREAD             | : | 1.895  | 1.895 | 1.449 |
| EXTREME SPREAD              | : | 2.391  | 1.968 | 1.889 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10    |       |

24 Oct 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C8523444

# CENTERFIRE PATTERNS

# 5

POA

1in circle

2in circle

3in circle

CENTROID \*

# OF SHOTS- 10

# IN CIR

1in = 3

2in = 7

3in = 8

HS= 2.128

VS= 2.503

GS= 2.843

|                               |   |        |        |       |
|-------------------------------|---|--------|--------|-------|
| PATTERN #                     | : | 5      |        |       |
| SHOTS (BEST OF)               | : | 10     | 9      | 8     |
| MAXIMUM X                     | : | .0     | .736   | .730  |
| MINIMUM X                     | : | -1.2   | -.710  | -.716 |
| MAXIMUM Y                     | : | .978   | 1.078  | .901  |
| MINIMUM Y                     | : | -1.525 | -1.417 | -.399 |
| CENTROID X                    | : | .184   | .323   | .329  |
| CENTROID Y                    | : | .000   | -.108  | .069  |
| POA TO CENTROID :             | : | .184   | .341   | .336  |
| MIN RADIUS                    | : | .091   | .222   | .179  |
| MEAN RADIUS                   | : | .807   | .727   | .622  |
| MAX RADIUS                    | : | 1.589  | 1.417  | 1.085 |
| HORIZONTAL SPREAD :           | : | 2.128  | 1.446  | 1.446 |
| VERTICAL SPREAD :             | : | 2.503  | 2.495  | 1.300 |
| EXTREME SPREAD :              | : | 2.843  | 2.579  | 1.853 |
| NUMBER IN ONE INCH CIRCLE =   | : |        | 3      |       |
| NUMBER IN TWO INCH CIRCLE =   | : |        | 7      |       |
| NUMBER IN THREE INCH CIRCLE = | : |        | 8      |       |