

06594492

MODEL 700™ M24

Model **SWS**™

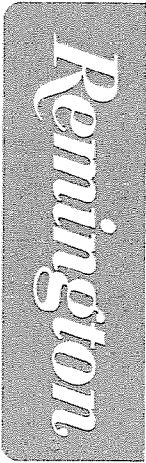
Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.



RE00092553

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594492.\_\_\_0  
FILE DATE AND TIME: 04/20/2005 06:54

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.036 |
| The Average Y Centroid of the Five Target Set:              | -0.191 |
| The Average Point of Impact of the Five Target Set:         | 0.194  |
| The Average Mean Radius of the Five Target Set:             | 0.953  |
| The Distance from POA to Centroid Target #1:                | 0.149  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.992  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.565  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.155  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.342  |

SERIAL NUMBER: C6594492. \_\_0

TARGET NUMBER: 1

FILE DATE: 04/20/2005

FILE TIME: 06:54

X CENTROID: -0.010

Y CENTROID: 0.149

POA TO CENTROID: 0.149

HORZ SPREAD: 2.161

VERT SPREAD: 1.727

GROUP SPREAD: 2.224

MIN RADIUS: 0.163

MAX RADIUS: 1.482

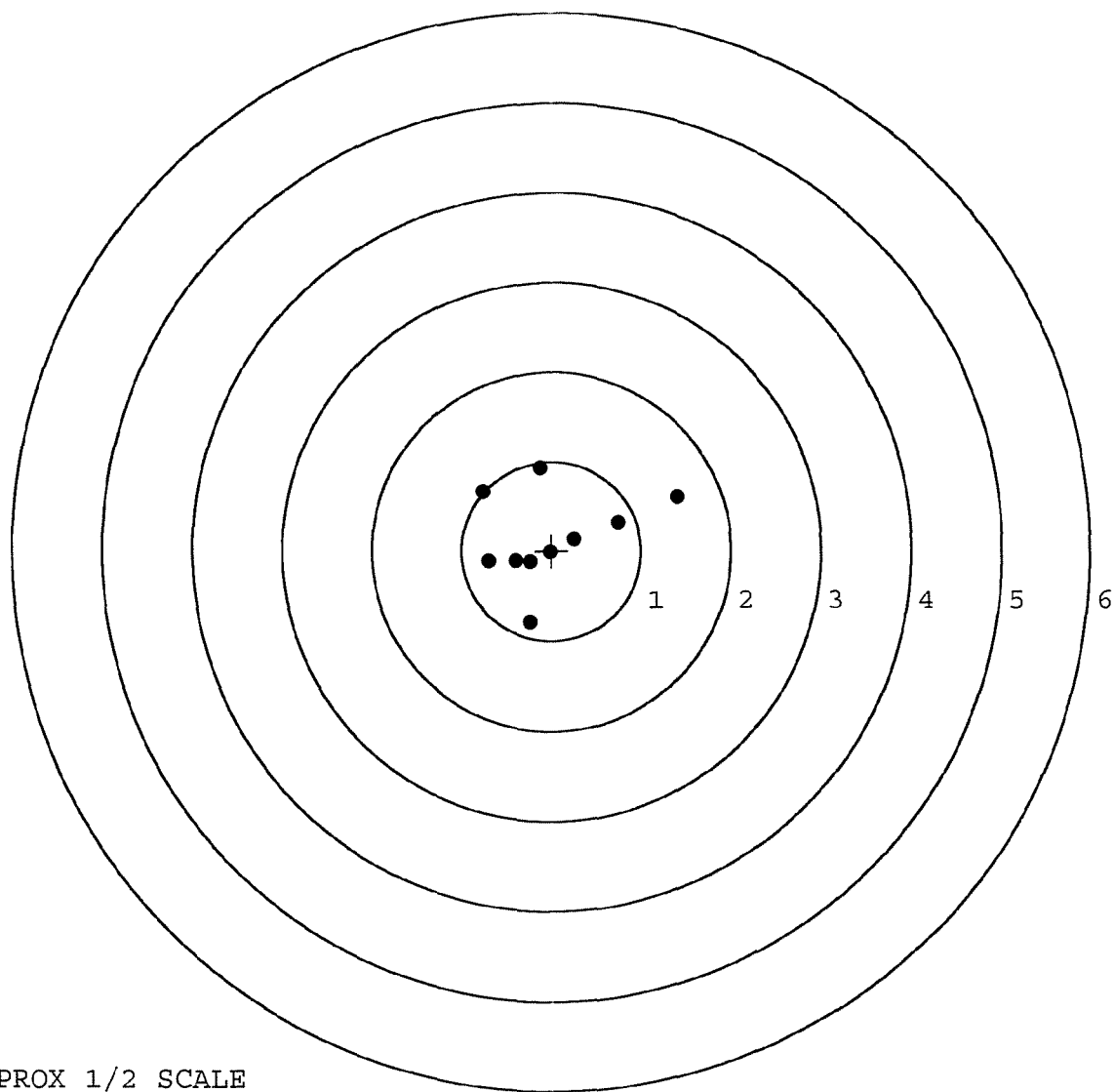
MEAN RADIUS: 0.693

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.401  | 0.604  |
| 2:     | 0.746  | 0.318  |
| 3:     | 0.254  | 0.133  |
| 4:     | -0.015 | -0.014 |
| 5:     | -0.245 | -0.122 |
| 6:     | -0.400 | -0.113 |
| 7:     | -0.703 | -0.117 |
| 8:     | -0.245 | -0.797 |
| 9:     | -0.760 | 0.665  |
| 10:    | -0.128 | 0.930  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594492. \_\_ 0

TARGET NUMBER: 2

FILE DATE: 04/20/2005

FILE TIME: 06:54

X CENTROID: -0.215

Y CENTROID: -0.821

POA TO CENTROID: 0.849

HORZ SPREAD: 2.220

VERT SPREAD: 3.588

GROUP SPREAD: 3.687

MIN RADIUS: 0.100

MAX RADIUS: 2.165

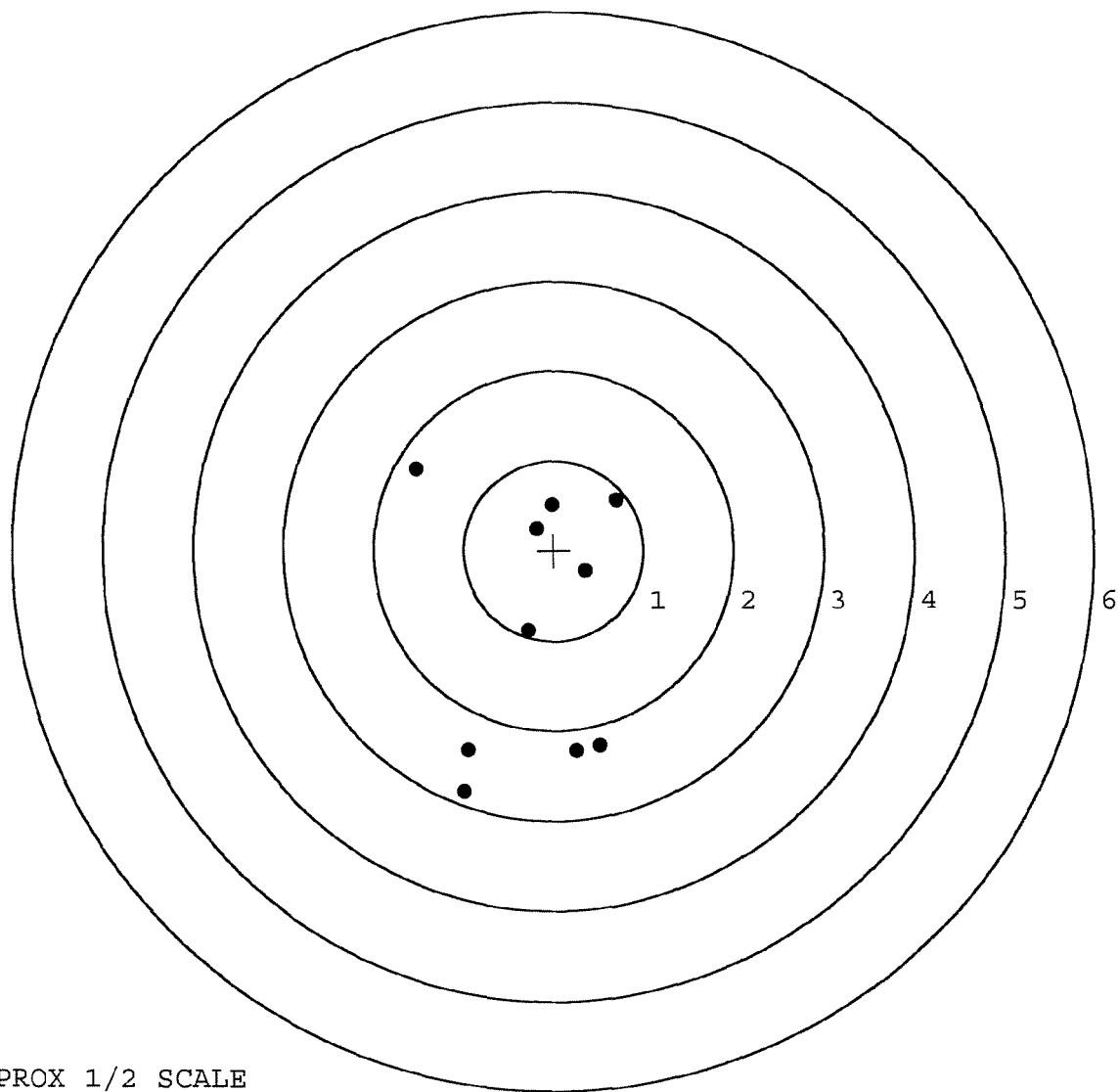
MEAN RADIUS: 1.377

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 2

# in 3 IN DIAMETER: 5

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.695  | 0.561  |
| 2:     | -0.022 | 0.511  |
| 3:     | -0.197 | 0.238  |
| 4:     | 0.353  | -0.230 |
| 5:     | -0.290 | -0.888 |
| 6:     | 0.517  | -2.167 |
| 7:     | 0.254  | -2.232 |
| 8:     | -0.949 | -2.225 |
| 9:     | -0.988 | -2.685 |
| 10:    | -1.525 | 0.903  |

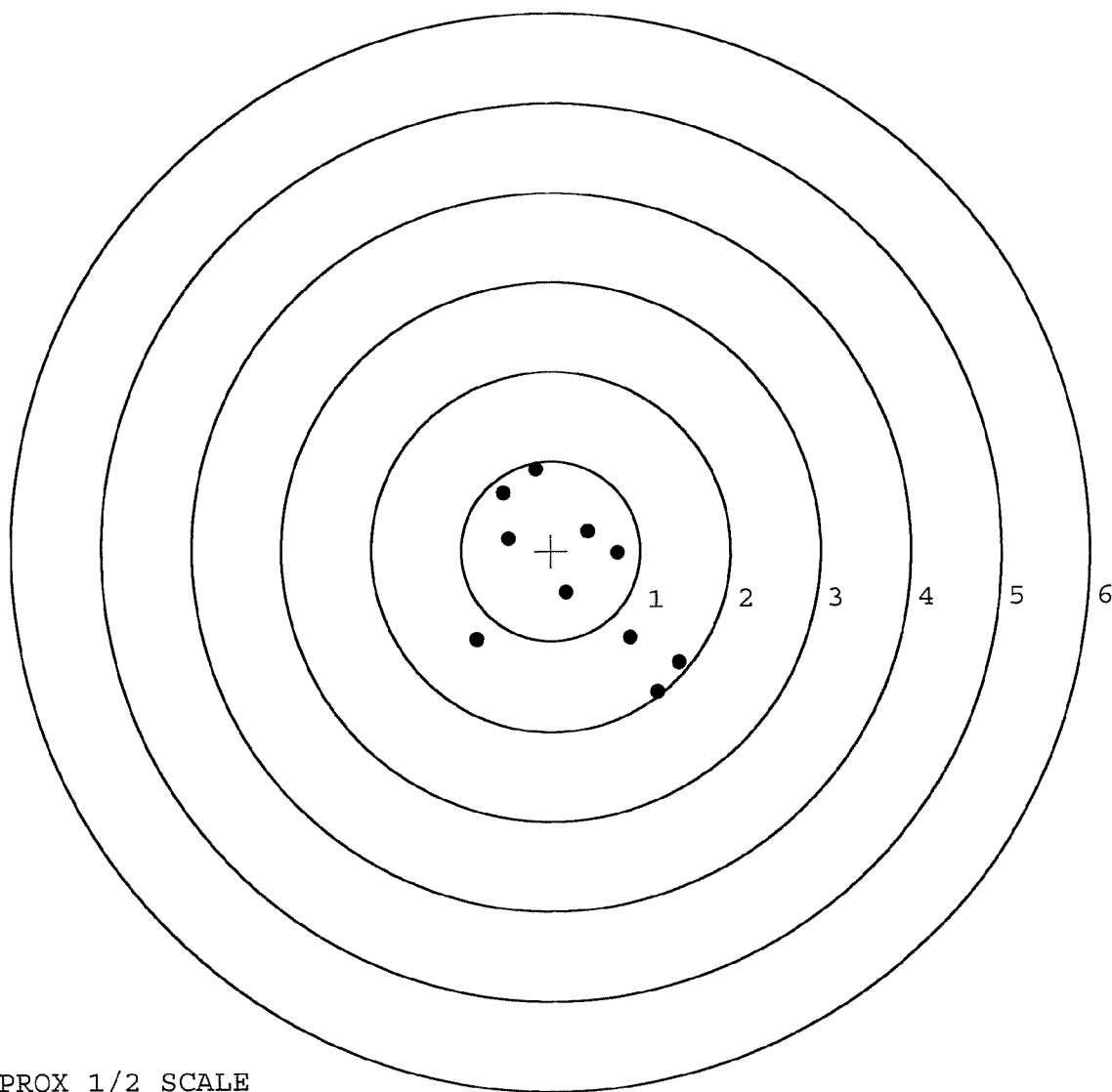


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594492. \_\_0  
 TARGET NUMBER: 3  
 FILE DATE: 04/20/2005  
 FILE TIME: 06:54

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.414  | -1.258 |
| 2:     | 1.174  | -1.577 |
| 3:     | 0.877  | -0.978 |
| 4:     | -0.835 | -0.986 |
| 5:     | 0.161  | -0.469 |
| 6:     | 0.744  | -0.029 |
| 7:     | 0.414  | 0.214  |
| 8:     | -0.479 | 0.146  |
| 9:     | -0.531 | 0.649  |
| 10:    | -0.163 | 0.911  |

X CENTROID: 0.278  
 Y CENTROID: -0.338  
 POA TO CENTROID: 0.437  
 HORZ SPREAD: 2.249  
 VERT SPREAD: 2.488  
 GROUP SPREAD: 2.824  
 MIN RADIUS: 0.176  
 MAX RADIUS: 1.530  
 MEAN RADIUS: 0.996  
 # IN 1 IN DIAMETER: 1  
 # IN 2 IN DIAMETER: 5  
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594492.\_\_\_0

TARGET NUMBER: 4

FILE DATE: 04/20/2005

FILE TIME: 06:54

X CENTROID: 0.093

Y CENTROID: 0.033

POA TO CENTROID: 0.098

HORZ SPREAD: 1.759

VERT SPREAD: 1.978

GROUP SPREAD: 1.992

MIN RADIUS: 0.377

MAX RADIUS: 1.197

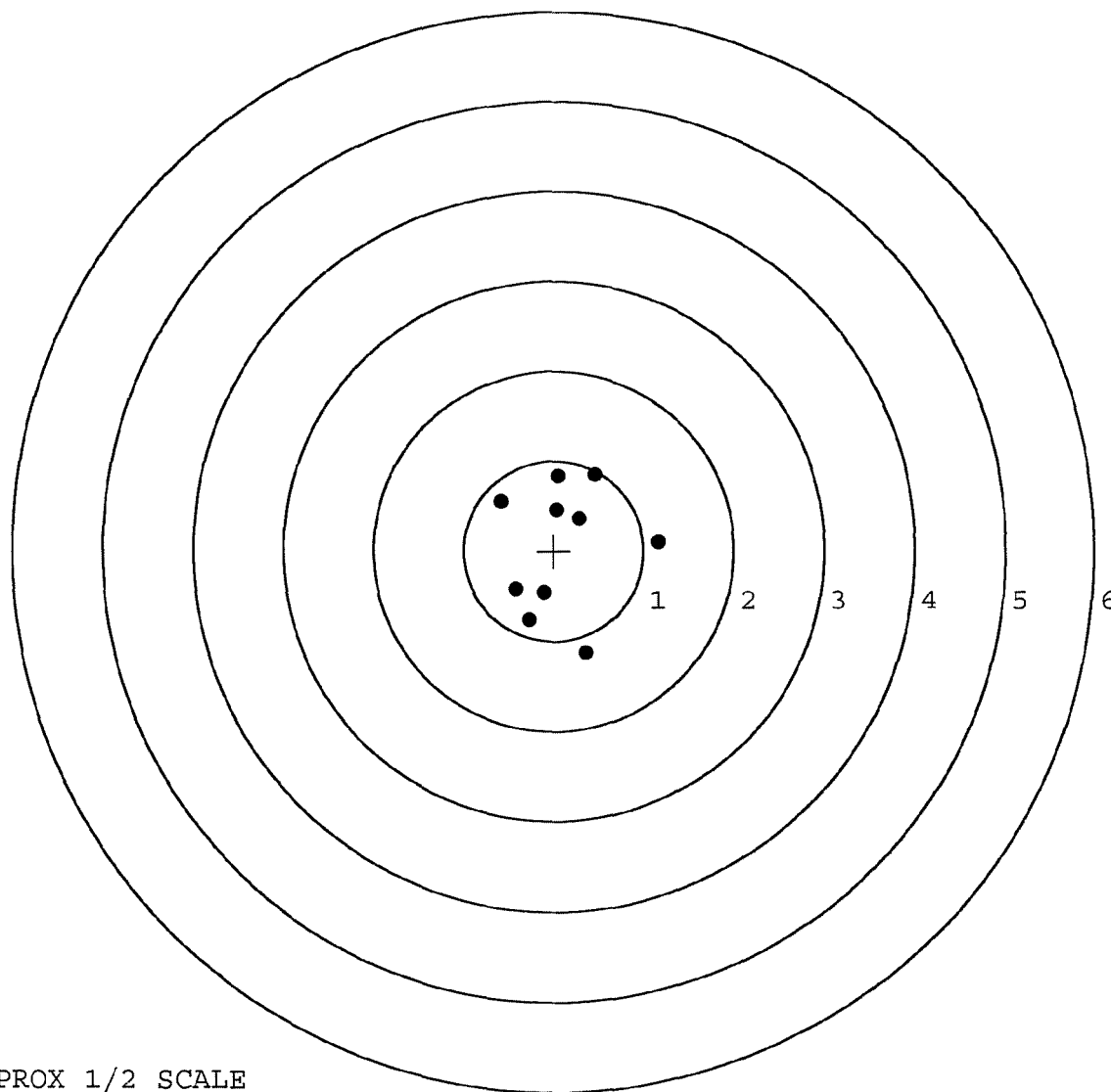
MEAN RADIUS: 0.775

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 8

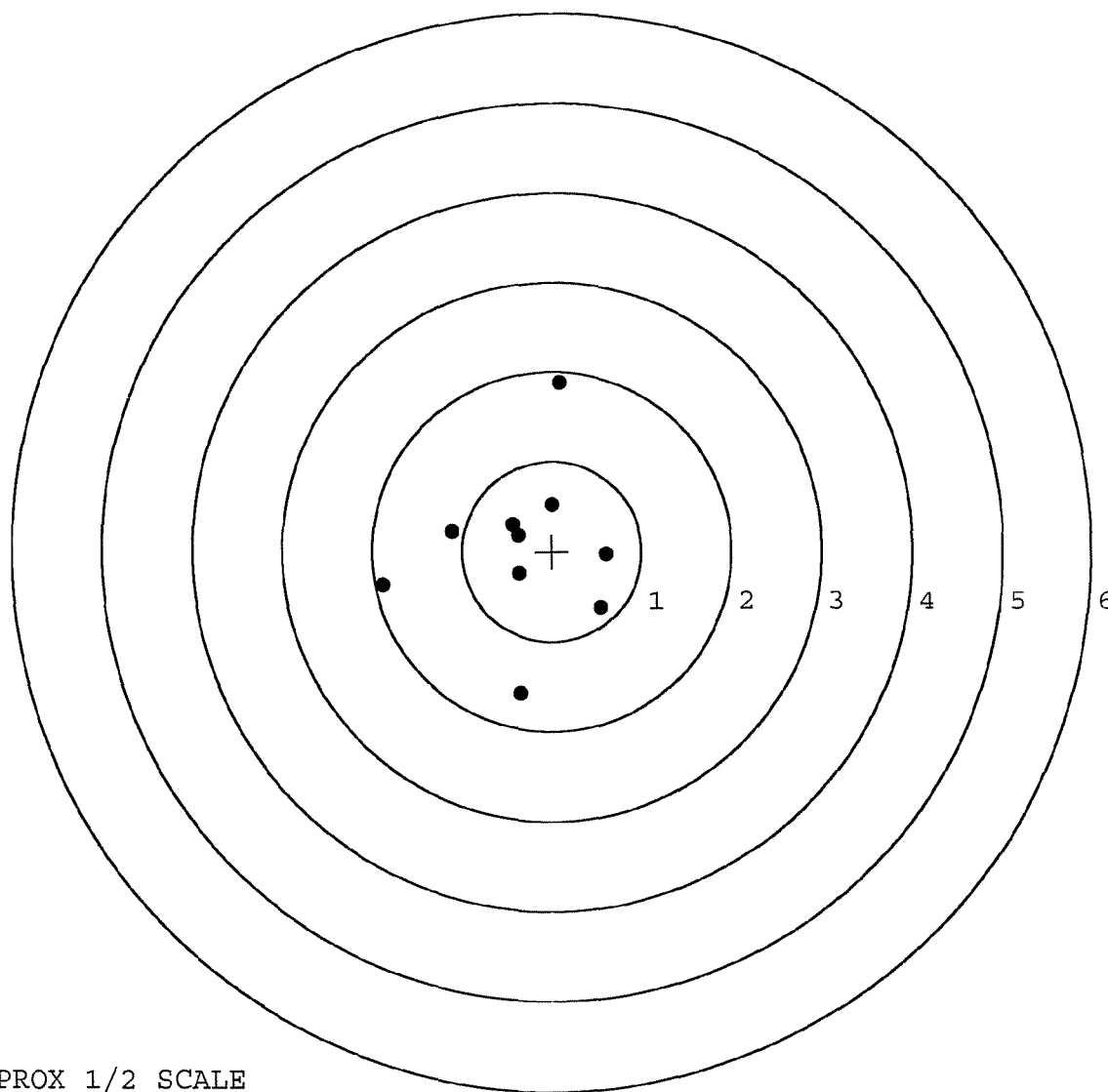
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.168  | 0.095  |
| 2:     | 0.354  | -1.136 |
| 3:     | -0.591 | 0.547  |
| 4:     | -0.119 | -0.468 |
| 5:     | -0.433 | -0.431 |
| 6:     | -0.275 | -0.768 |
| 7:     | 0.281  | 0.359  |
| 8:     | 0.033  | 0.454  |
| 9:     | 0.048  | 0.832  |
| 10:    | 0.462  | 0.842  |



TARGET APPROX 1/2 SCALE

|                            |        |        |        |
|----------------------------|--------|--------|--------|
| SERIAL NUMBER: C6594492. 0 | POINT# | X      | Y      |
| TARGET NUMBER: 5           | 1:     | 0.546  | -0.625 |
| FILE DATE: 04/20/2005      | 2:     | 0.612  | -0.033 |
| FILE TIME: 06:54           | 3:     | 0.090  | 1.880  |
|                            | 4:     | -1.884 | -0.374 |
| X CENTROID: -0.327         | 5:     | -0.347 | -1.584 |
| Y CENTROID: 0.023          | 6:     | -0.368 | -0.244 |
| POA TO CENTROID: 0.328     | 7:     | -1.111 | 0.221  |
| HORZ SPREAD: 2.496         | 8:     | -0.378 | 0.176  |
| VERT SPREAD: 3.464         | 9:     | -0.434 | 0.297  |
| GROUP SPREAD: 3.491        | 10:    | 0.003  | 0.515  |
| MIN RADIUS: 0.161          |        |        |        |
| MAX RADIUS: 1.903          |        |        |        |
| MEAN RADIUS: 0.927         |        |        |        |
| # IN 1 IN DIAMETER: 3      |        |        |        |
| # IN 2 IN DIAMETER: 6      |        |        |        |
| # in 3 IN DIAMETER: 7      |        |        |        |



TARGET APPROX 1/2 SCALE

|                     |                    |                     |         |
|---------------------|--------------------|---------------------|---------|
| R & E NUMBER        | 92553              |                     |         |
| SERIAL NUMBER       | C6594492           |                     |         |
| LOG-IN DATE         | 2-7-05             |                     |         |
| INSPECT AND VERIFY: |                    |                     |         |
| OPERATION #         | OPERATION NAME     | DATE                | INITIAL |
| 550                 | DIS-ASSEMBLE GUN   | 3-14-05             | RTL     |
| 560 A               | RE-BARREL          | 3-17-05             | RTL     |
| B                   | DRILL AND TAP      | 3-21-05             | TRW     |
| 575                 | ASSEMBLE           | 3-18-05             | RTL     |
| 600                 | PROOF              | 3-21-05             | AC      |
| 605                 | CHECK HEADSPACE    | 3-21-05             | AC      |
| 610                 | DIS-ASSEMBLE GUN   | 3-21-05             | RTL     |
| 612                 | MAGNAFLUX          | 3-21-05             | RTL     |
| 615                 | ROLLMARK CALIBER   | 3-23-05             | CW      |
| 618                 | ROTO-BLAST         | 3-29-05             | TRW     |
| 620                 | APPLY COATINGS     | 4-5-05              | HP      |
| 625 A               | FINAL ASSEMBLY     | 4-14-05             | RTL     |
| B                   | TRIGGER PULL TEST  |                     |         |
| C                   | SAFETY "ON" FORCE  | 4-22-05             | AC      |
| D                   | SAFETY "OFF" FORCE | 4-22-05             | AC      |
| E                   | FIRING PIN INDENT  | 4-22-05             | AC      |
| 640                 | TARGET             | 4-20-05             | TRW     |
| 655                 | FINAL INSPECT      | 4-22-05             | AC      |
| 660                 | PACK               | 4-23-05             | DA      |
|                     |                    | SHIP DATE           |         |
|                     |                    | QAR INSPECTION DATE |         |

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

**DUPONT**

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

MODEL 700™ M24

SERIAL NO.  
C6594492

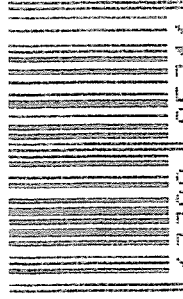
ORDER NO.  
5716

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



5716 C6594492

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6594492

| OP. #        | OP. NAME                                                       | READINGS | DATE    | INIT |
|--------------|----------------------------------------------------------------|----------|---------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 1228     | 90      | RW   |
| 600          | Proof                                                          | 1228     | 90      | RW   |
| 607          | Check Headspace                                                | 1228     | 90      | RW   |
| 610          | Dis-assemble Gun                                               | 1228     | 90      | RW   |
| 612          | Magnaflux Barrel<br>Action                                     |          | 1-7-91  | KR   |
|              | Magnaflux Bolt                                                 |          | "       | KR   |
| 615          | Rollmark Caliber                                               |          | "       | 28   |
| 617          | Drill and Tap Sight Holes                                      | 1 10 91  |         | KB   |
| 618          | Polish Barrel                                                  | 1 10 91  |         | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 1-18-91 | TJA  |
|              | Apply Coating (Bolt)                                           |          |         |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 1/19/91 | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 1/19/91 | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 1/19/91 | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 1/19/91 | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 1-23-91 | JP   |

| op. #        | BARBER - M24 0018064<br>OP. NAME                            | READINGS |       |      |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------|----------|-------|------|------|------|---------|------|
| 525<br>cont. | F) Safety On Force                                          | 4 1/4    | 4 1/4 | 4    |      |      | 1/23/91 | WB   |
|              | G) Safety Off Force                                         | 2        | 2     | 2    |      |      | 1/23/91 | WB   |
|              | H) Trigger Pull Test & Retainability                        |          |       |      |      |      | 1-23-91 | JH   |
|              | I) Firing Pin Indent                                        | .021     | .021  | .021 |      |      | 1/23/91 | WB   |
|              | J) Assemble Stock                                           |          |       |      |      |      | 1/23/91 | RW   |
|              | K) Assemble Swivel Studs                                    |          |       |      |      |      | 2-6-91  | DH   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |       |      |      |      | 1/23/91 | RW   |
|              | M) Iron Sight Alignment                                     |          |       |      |      |      | 1/23/91 | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |       |      |      |      | 1/23/91 | RW   |
|              | O) Attach Scope to Rifle                                    |          |       |      |      |      | 1/23/91 | RW   |
|              | P) Detach & Attach Scope 20 Times                           |          |       |      |      |      | 1/23/91 | RW   |
| 640          | Gallery Target & Test                                       |          |       |      |      |      | 1-23-91 | AF   |
|              | A) Time                                                     |          |       |      |      |      | "       | AF   |
|              | B) Malfunctions                                             |          |       |      |      |      | "       | AF   |
|              | C) Pierced Primers                                          |          |       |      |      |      | "       | AF   |
|              | D) Optical Clarity of Scope                                 |          |       |      |      |      | "       | AF   |
| 645          | Inspect for Live Ammo                                       |          |       |      |      |      | 1-23-91 | AF   |
| 655          | Final Inspection                                            |          |       |      |      |      |         |      |
|              | A) Headspace                                                |          |       |      |      |      | 2-5-91  | DH   |
|              | B) Trigger Pull                                             | 2.50     | 2.26  | 2.25 | 2.40 | 2.41 | 2-1-91  | JH   |
|              | C) Function                                                 |          |       |      |      |      | 2-5-91  | DH   |
| 660          | Pack                                                        |          |       |      |      |      | 3/15/91 | WB   |

| TEST INIT. ACTION TO CORRECT |                                   | ASSEM.<br>#           |
|------------------------------|-----------------------------------|-----------------------|
| PROOF                        | New EXtractor<br>Bench Test<br>OK | 1/<br>24/<br>91<br>RW |
| TEST ✓                       |                                   |                       |
| TGT                          |                                   |                       |
| PROOF                        | 100 Rdb shot<br>OK<br>2-4-91 DH   |                       |
| TEST                         |                                   |                       |
| TGT                          |                                   |                       |
| PROOF                        | ENGINEER                          |                       |
| TEST                         |                                   |                       |
| TGT                          |                                   |                       |
| PROOF                        | ENGINEER                          |                       |
| TEST                         |                                   |                       |
| TGT                          |                                   |                       |



AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C6594492

DATE 1-23-91

TESTER JEP

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.22             | 2.15                     | 2.39                           | 2.50 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.19             | 2.32                     | 2.30                           | 2.26 |                                                                        |
| PULL #3 | 2.50             | 2.30                     | 2.15                           | 2.25 |                                                                        |
| PULL #4 | 2.40             | 2.32                     | 2.35                           | 2.40 |                                                                        |
| PULL #5 | 2.46             | 2.25                     | 2.30                           | 2.41 |                                                                        |
| TOTAL   |                  |                          |                                |      |                                                                        |
| AVG.    |                  |                          |                                |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.49             | 3.13                     |  |          |
| PULL #2 | 3.31             | 3.23                     |  |          |
| PULL #3 | 3.26             | 3.21                     |  |          |
| PULL #4 | 3.25             | 3.25                     |  |          |
| PULL #5 | 3.33             | 3.31                     |  |          |
| TOTAL   |                  |                          |  |          |
| AVG.    |                  |                          |  |          |

|         | 4.00#<br>INITIAL | 4.00# AFTER<br>20 CYCLES | MAX SETTING<br>GREATER THAN 4# | RESET TO 4# FOR<br>TARGET & ACCURACY |
|---------|------------------|--------------------------|--------------------------------|--------------------------------------|
| PULL #1 | 4.20             | 4.12                     |                                | 4.24                                 |
| PULL #2 | 4.33             | 4.15                     |                                | 4.20                                 |
| PULL #3 | 4.30             | 4.26                     |                                | 4.27                                 |
| PULL #4 | 4.28             | 4.20                     |                                | 4.36                                 |
| PULL #5 | 4.21             | 4.22                     |                                | 4.28                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06594492  
24 Jan 1991

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .316141 |
| 1 TO | 2 | .289178 |
| 1 TO | 3 | .295373 |
| 1 TO | 4 | .186507 |
| 1 TO | 5 | .237945 |

15  
-----POA

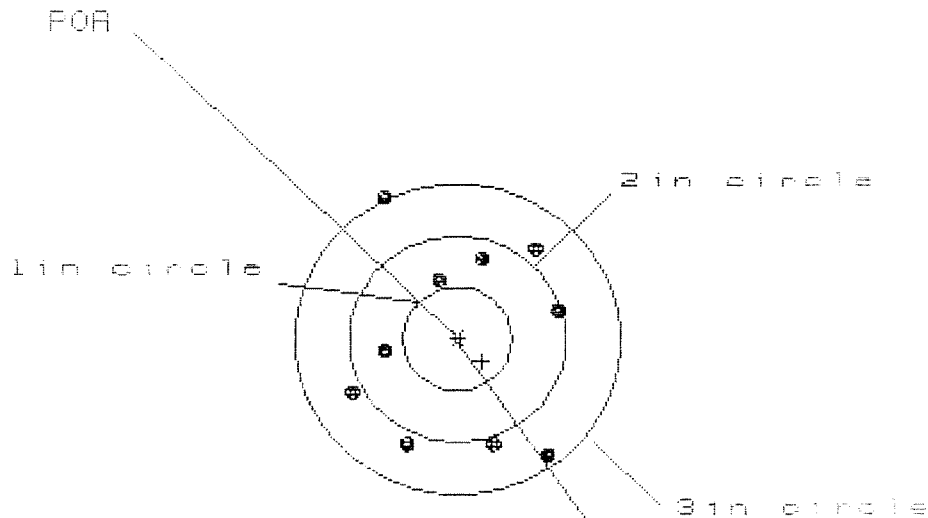
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0778  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1296  
THE AVERAGE POI RADIUS FOR THIS RIFLE IS: .151154  
THE AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.162

24 Jan 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/08594492

## CENTERFIRE PATTERNS

# 1



# OF SHOTS- 10

# IN CIR

1 in = 0

2 in = 4

3 in = 9

HS= 1.856

VS= 2.514

GS= 2.947

| PATTERN #                   | : | 1      | 2      | 3      |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | .918   | .838   | .929   |
| MINIMUM X                   | : | -.938  | -1.018 | -.926  |
| MAXIMUM Y                   | : | 1.413  | 1.044  | .926   |
| MINIMUM Y                   | : | -1.101 | -.943  | -1.020 |
| CENTROID X                  | : | -.228  | -.148  | -.240  |
| CENTROID Y                  | : | .219   | .062   | .180   |
| FOR TO CENTROID in.         | : | .315   | .160   | .300   |
| MIN RADIUS                  | : | .572   | .744   | .608   |
| MEAN RADIUS                 | : | 1.040  | .979   | .932   |
| MAX RADIUS                  | : | 1.587  | 1.212  | 1.165  |
| HORIZONTAL SPREAD           | : | 1.856  | 1.856  | 1.856  |
| VERTICAL SPREAD             | : | 2.514  | 1.987  | 1.946  |
| EXTREME SPREAD              | : | 2.947  | 2.246  | 2.246  |
| NUMBER IN ONE INCH CIRCLE   | = | 0      |        |        |
| NUMBER IN TWO INCH CIRCLE   | = | 4      |        |        |
| NUMBER IN THREE INCH CIRCLE | = | 9      |        |        |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6594492  
24 Jan 1991

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .316141 |
| 1 TO | 2 | .289178 |
| 1 TO | 3 | .295373 |
| 1 TO | 4 | .186507 |
| 1 TO | 5 | .237945 |

15 <----POA

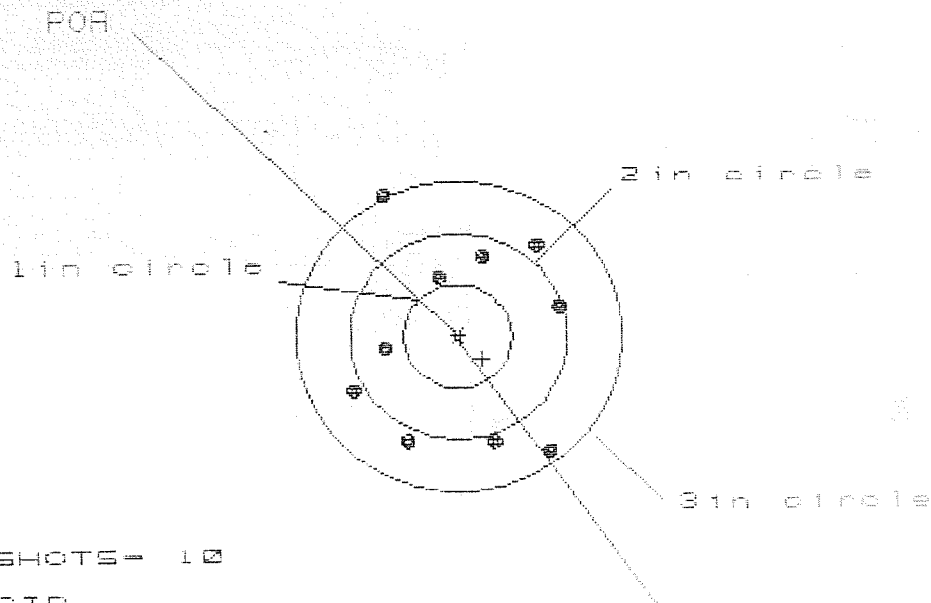
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0778  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1296  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .151159  
THE AMR FOR THIS RIFLE IS: 1.162

24 Jan 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C8594492

## CENTERFIRE PATTERNS

# 1



# OF SHOTS = 10

# IN CIR

1 in = 0

2 in = 4

3 in = 9

HS = 1.856

VS = 2.514

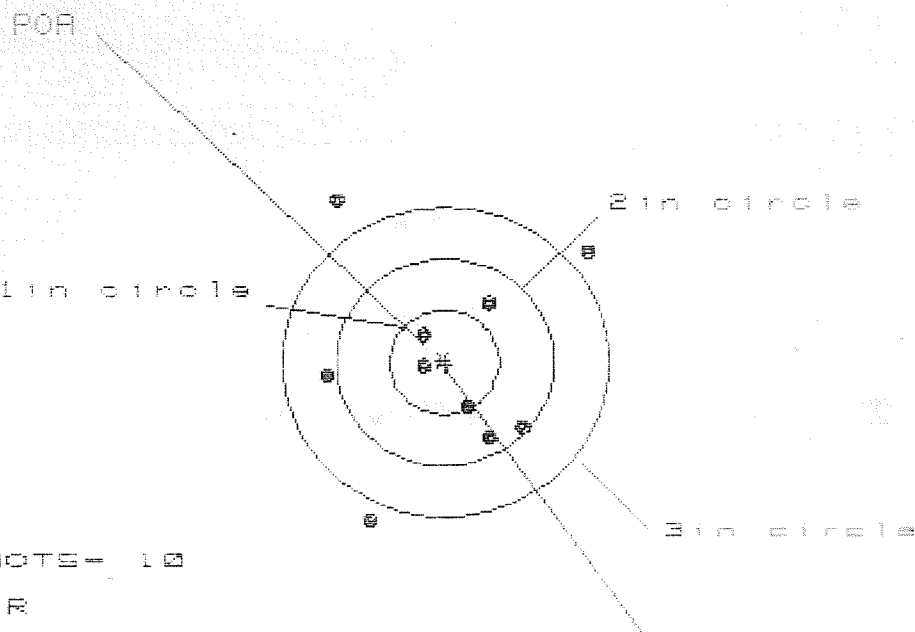
GS = 2.947

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | .918   | .838   | .929   |
| MINIMUM X                     | -.938  | -1.018 | -.926  |
| MAXIMUM Y                     | 1.413  | 1.044  | .926   |
| MINIMUM Y                     | -1.101 | -.943  | -1.020 |
| CENTROID X                    | -.228  | -.148  | -.240  |
| CENTROID Y                    | .219   | .062   | .100   |
| POA TO CENTROID in.           | .316   | .160   | .300   |
| MIN RADIUS                    | .572   | .744   | .608   |
| MEAN RADIUS                   | 1.040  | .979   | .932   |
| MAX RADIUS                    | 1.587  | 1.212  | 1.165  |
| HORIZONTAL SPREAD             | 1.856  | 1.856  | 1.856  |
| VERTICAL SPREAD               | 2.514  | 1.987  | 1.946  |
| EXTREME SPREAD                | 2.947  | 2.246  | 2.246  |
| NUMBER IN ONE INCH CIRCLE =   | 0      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 4      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 9      |        |        |

24 Jan 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/06594492

## CENTERFIRE PATTERNS # 2



# OF SHOTS = 10

# IN CIR

1in = 3

2in = 6

3in = 7

HS = 2.348

VS = 3.114

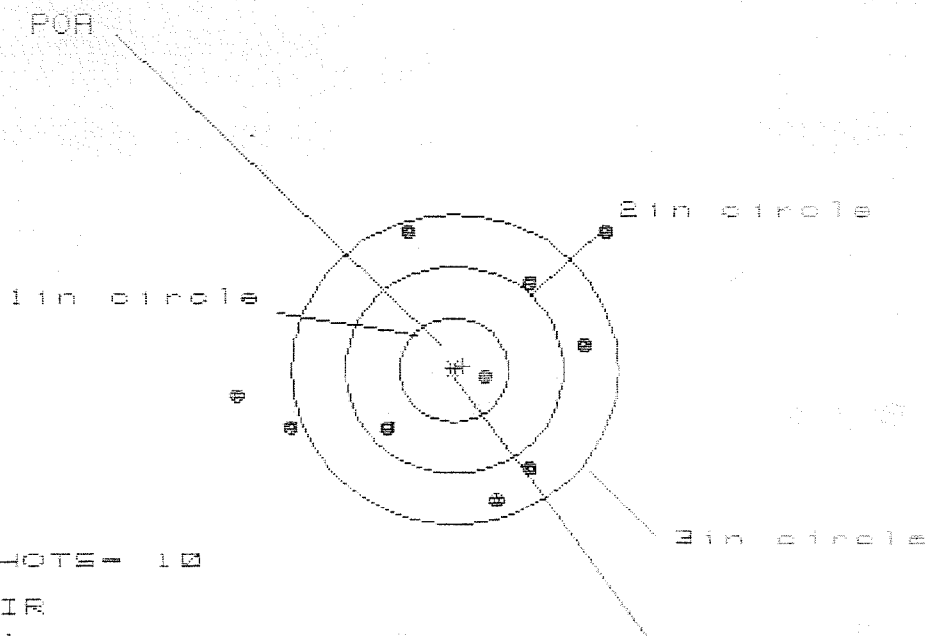
GS = 3.314

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.294  | 1.182  | .765   |
| MINIMUM X                     | -1.054 | -1.166 | -1.018 |
| MAXIMUM Y                     | 1.542  | 1.287  | .932   |
| MINIMUM Y                     | -1.572 | -1.401 | -1.240 |
| CENTROID X                    | -.010  | .102   | -.046  |
| CENTROID Y                    | .029   | -.142  | -.303  |
| POA TO CENTROID in.           | .031   | .175   | .307   |
| MIN RADIUS                    | .231   | .277   | .294   |
| MEAN RADIUS                   | .993   | .883   | .771   |
| MAX RADIUS                    | 1.845  | 1.748  | 1.381  |
| HORIZONTAL SPREAD             | 2.348  | 2.348  | 1.783  |
| VERTICAL SPREAD               | 3.114  | 2.688  | 2.172  |
| EXTREME SPREAD                | 3.314  | 3.314  | 2.428  |
| NUMBER IN ONE INCH CIRCLE =   | 3      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 6      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 7      |        |        |

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## CENTERFIRE PATTERNS # 3



# OF SHOTS = 10

# IN CIR

1 in = 1

2 in = 2

3 in = 7

HE = 3.433

VS = 2.583

GS = 3.767

CENTROID \*

| PATTERN #                     | 3      |
|-------------------------------|--------|
| SHOTS (BEST OF)               | 10     |
| MAXIMUM X                     | 1.487  |
| MINIMUM X                     | -2.026 |
| MAXIMUM Y                     | 1.334  |
| MINIMUM Y                     | -1.249 |
| CENTROID X                    | -.086  |
| CENTROID Y                    | -.040  |
| POA TO CENTROID in.           | .095   |
| MIN RADIUS                    | .313   |
| MEAN RADIUS                   | 1.291  |
| MAX RADIUS                    | 2.039  |
| HORIZONTAL SPREAD             | 3.433  |
| VERTICAL SPREAD               | 2.583  |
| EXTREME SPREAD                | 3.767  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |
| NUMBER IN TWO INCH CIRCLE =   | 2      |
| NUMBER IN THREE INCH CIRCLE = | 7      |

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## CENTERFIRE PATTERNS

# 4

POB

1 in circle

2 in circle

3 in circle

# OF SHOTS - 10

# IN CIR

1 in = 2

2 in = 6

3 in = 7

HS = 2.6000

VS = 3.6600

GS = 3.9556

CENTROID \*

| PATTERN #                     | 4      | 4      | 4      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.248  | 1.175  | 1.272  |
| MINIMUM X                     | -1.433 | -1.505 | -1.408 |
| MAXIMUM Y                     | 1.629  | 1.403  | .814   |
| MINIMUM Y                     | -2.031 | -1.194 | -1.018 |
| CENTROID X                    | -.060  | .012   | -.085  |
| CENTROID Y                    | .138   | .364   | .189   |
| POB TO CENTROID in.           | .151   | .364   | .207   |
| MIN RADIUS                    | .310   | .344   | .265   |
| MEAN RADIUS                   | 1.114  | .967   | .886   |
| MAX RADIUS                    | 2.133  | 1.900  | 1.718  |
| HORIZONTAL SPREAD             | 2.680  | 2.680  | 2.680  |
| VERTICAL SPREAD               | 3.660  | 2.597  | 1.832  |
| EXTREME SPREAD                | 3.956  | 3.432  | 2.967  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 6      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 7      |        |        |

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## CENTERFIRE PATTERNS

# 5

POB

1 in circle

2 in circle

3 in circle

# OF SHOTS = 10

# IN CIR

1 in = 1

2 in = 4

3 in = 7

HS = 2.893

VS = 4.614

GS = 4.957

CENTROID #

| PATTERN #                     | 5      | 9      | 8      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.535  | 1.598  | 1.128  |
| MINIMUM X                     | -1.358 | -1.295 | -1.095 |
| MAXIMUM Y                     | 2.870  | 2.555  | .635   |
| MINIMUM Y                     | -1.744 | -1.425 | -1.105 |
| CENTROID X                    | -.005  | -.068  | -.268  |
| CENTROID Y                    | .302   | -.017  | -.337  |
| POB TO CENTROID in.           | .302   | .070   | .430   |
| MIN RADIUS                    | .362   | .077   | .308   |
| MEAN RADIUS                   | 1.373  | 1.076  | .836   |
| MAX RADIUS                    | 2.926  | 3.014  | 1.480  |
| HORIZONTAL SPREAD             | 2.893  | 2.893  | 2.223  |
| VERTICAL SPREAD               | 4.614  | 3.980  | 1.741  |
| EXTREME SPREAD                | 4.957  | 4.855  | 2.499  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 4      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 7      |        |        |