

06594566

MODEL 780™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.

*Remington*

**Arms Services Repair & Estimate System**

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

**Repair Inquiry**

Repair Number: **RE00038547** Serial: **C6594566** Model: **700** Center Fire Caliber: **7.62 NATO M24 SWS WOGS 5 of 18** Repairman: Status: **Closed 1/2/02 9:05:57 AM**

Verify Repair

**Address Information**

Customer: ☒ Received From: ☐ Return To: ☒ Received From: ☐

Name: **HECTOR M ROCA** **HECTOR M ROCA**

Address 1: **BCO 3RD SFG A** **BCO 3RD SFG A**

Address 2:  PO Box:   PO Box:

City: **FORT BRAGG** **FORT BRAGG**

State: **NC** Zip Code: **28310** Country: **US** State: **NC** Zip Code: **28310** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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

**Contact Information**

Phone: **910 432 3818**

Fax:

Email:

Comments:

**Received Condition**

Far:

Condition Notes:

CSB Notes:

**Accessories Received**

| Code | Desc       | Qty |
|------|------------|-----|
| A007 | With Stud  | 2   |
| A017 | Scope Base | 1   |

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

maglev 1/2/02 10:21 AM CAPS NUM WS SCFL

Start Inbo. Calc. Scov. SW Isra. Ar. Print...

Serial Number: **C6594566**

Model: **700**



**RE00038547**

**M-24 INSPECTION CHECKLIST**  
**CONTRACT #: DAAE-20-97-C-242**

|                               |                          |                            |                |
|-------------------------------|--------------------------|----------------------------|----------------|
| <b>R &amp; E NUMBER</b> 38547 |                          |                            |                |
| <b>SERIAL NUMBER</b> C6594566 |                          |                            |                |
| <b>LOG-IN DATE</b> 1-2-02     |                          |                            |                |
| <b>INSPECT AND VERIFY:</b>    |                          |                            |                |
| <b>OPERATION #</b>            | <b>OPERATION NAME</b>    | <b>DATE</b>                | <b>INITIAL</b> |
| 550                           | DIS-ASSEMBLE GUN         | 1-2-02                     | RJR            |
| 560 A                         | RE-BARREL AT CUSTOM SHOP | 1-3-02                     | BWT            |
| B                             | DRILL AND TAP            | 1-3-02                     | BWT            |
| C                             | POLISH                   |                            |                |
| 575                           | ASSEMBLE                 |                            |                |
| 600                           | PROOF                    | 1-4-02                     | AC             |
| 605                           | CHECK HEADSPACE          | 1-4-02                     | AC             |
| 610                           | DIS-ASSEMBLE GUN         | 1-4-02                     | AC             |
| 612                           | MAGNAFLUX                | OPERATOR PL                |                |
| 615                           | ROLLMARK CALIBER         | 1-7-02                     | B3             |
| 618                           | ROTO-BLAST               | 1/7                        | HO             |
| 620                           | APPLY COATINGS           | 1/7                        | HP             |
| 625 A                         | FINAL ASSEMBLY           | 1/8/02                     | RW             |
| B                             | TRIGGER PULL TEST        | N/C                        |                |
| C                             | SAFETY "ON" FORCE        | N/C                        |                |
| D                             | SAFETY "OFF" FORCE       | N/C                        |                |
| E                             | FIRING PIN INDENT        | N/C                        |                |
| 640                           | TARGET                   | 1-9-02                     | AC             |
| 655                           | FINAL INSPECT            | 1-10-02                    | PL             |
| 660                           | PACK                     | 1-10-02                    | DA             |
|                               |                          | <b>SHIP DATE</b>           |                |
|                               |                          | <b>QAR INSPECTION DATE</b> |                |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594566.\_\_\_0  
FILE DATE AND TIME: 01/09/2002 02:20

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.133 |
| The Average Y Centroid of the Five Target Set:              | 0.014  |
| The Average Point of Impact of the Five Target Set:         | 0.134  |
| The Average Mean Radius of the Five Target Set:             | 0.472  |
| The Distance from POA to Centroid Target #1:                | 0.131  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.176  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.059  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.129  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.082  |

SERIAL NUMBER: C6594566. \_\_0

TARGET NUMBER: 1

FILE DATE: 01/09/2002

FILE TIME: 02:20

X CENTROID: -0.131

Y CENTROID: -0.016

POA TO CENTROID: 0.131

HORZ SPREAD: 1.699

VERT SPREAD: 1.580

GROUP SPREAD: 2.021

MIN RADIUS: 0.057

MAX RADIUS: 1.308

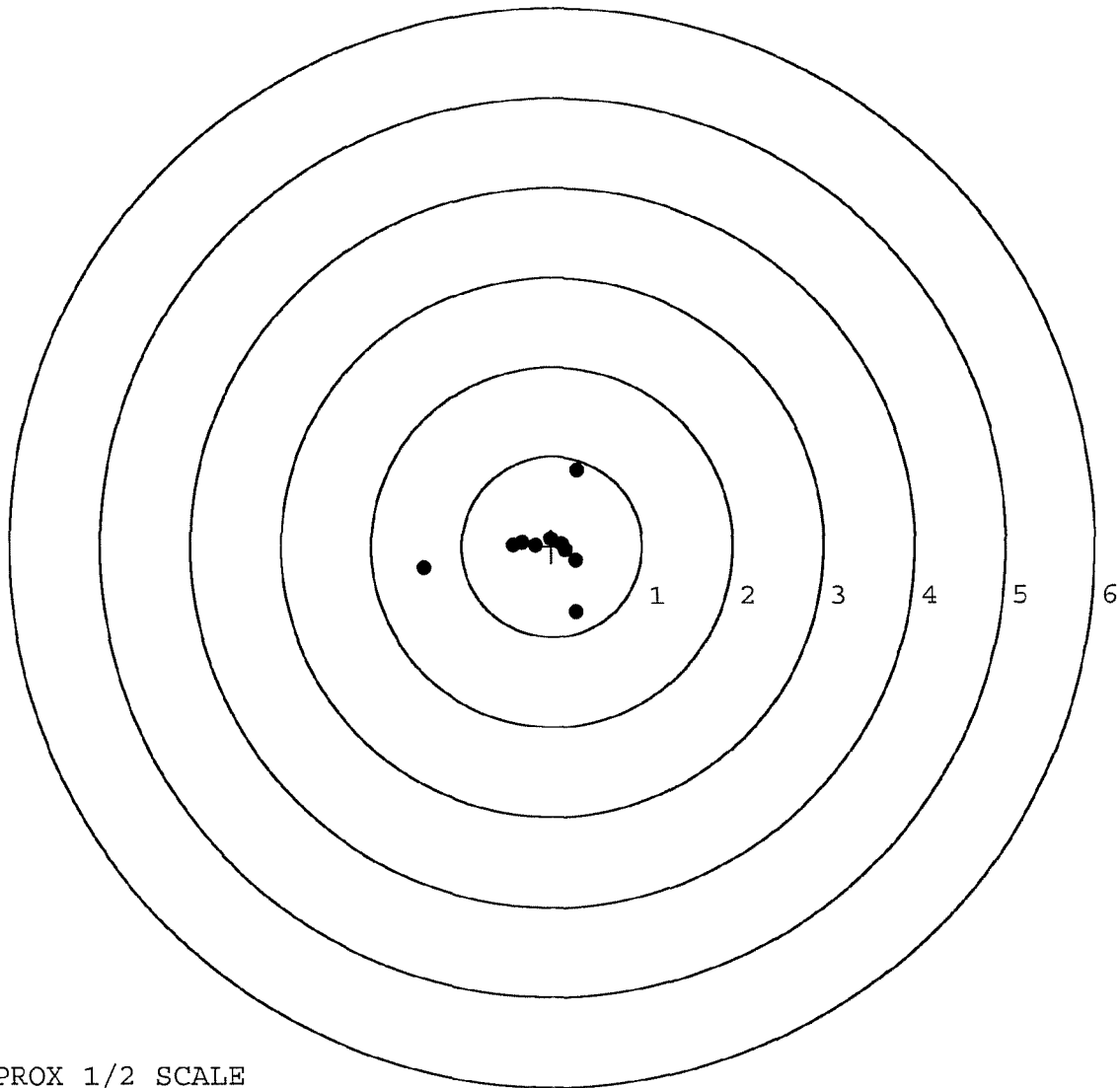
MEAN RADIUS: 0.475

# IN 1 IN DIAMETER: 7

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.280  | 0.852  |
| 2:     | 0.266  | -0.164 |
| 3:     | 0.263  | -0.728 |
| 4:     | -1.419 | -0.243 |
| 5:     | -0.428 | 0.019  |
| 6:     | -0.182 | 0.008  |
| 7:     | -0.014 | 0.082  |
| 8:     | 0.153  | -0.050 |
| 9:     | 0.109  | 0.025  |
| 10:    | -0.333 | 0.042  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594566. \_\_0

TARGET NUMBER: 2

FILE DATE: 01/09/2002

FILE TIME: 02:20

X CENTROID: -0.149

Y CENTROID: 0.160

POA TO CENTROID: 0.219

HORZ SPREAD: 1.546

VERT SPREAD: 1.219

GROUP SPREAD: 1.510

MIN RADIUS: 0.052

MAX RADIUS: 0.904

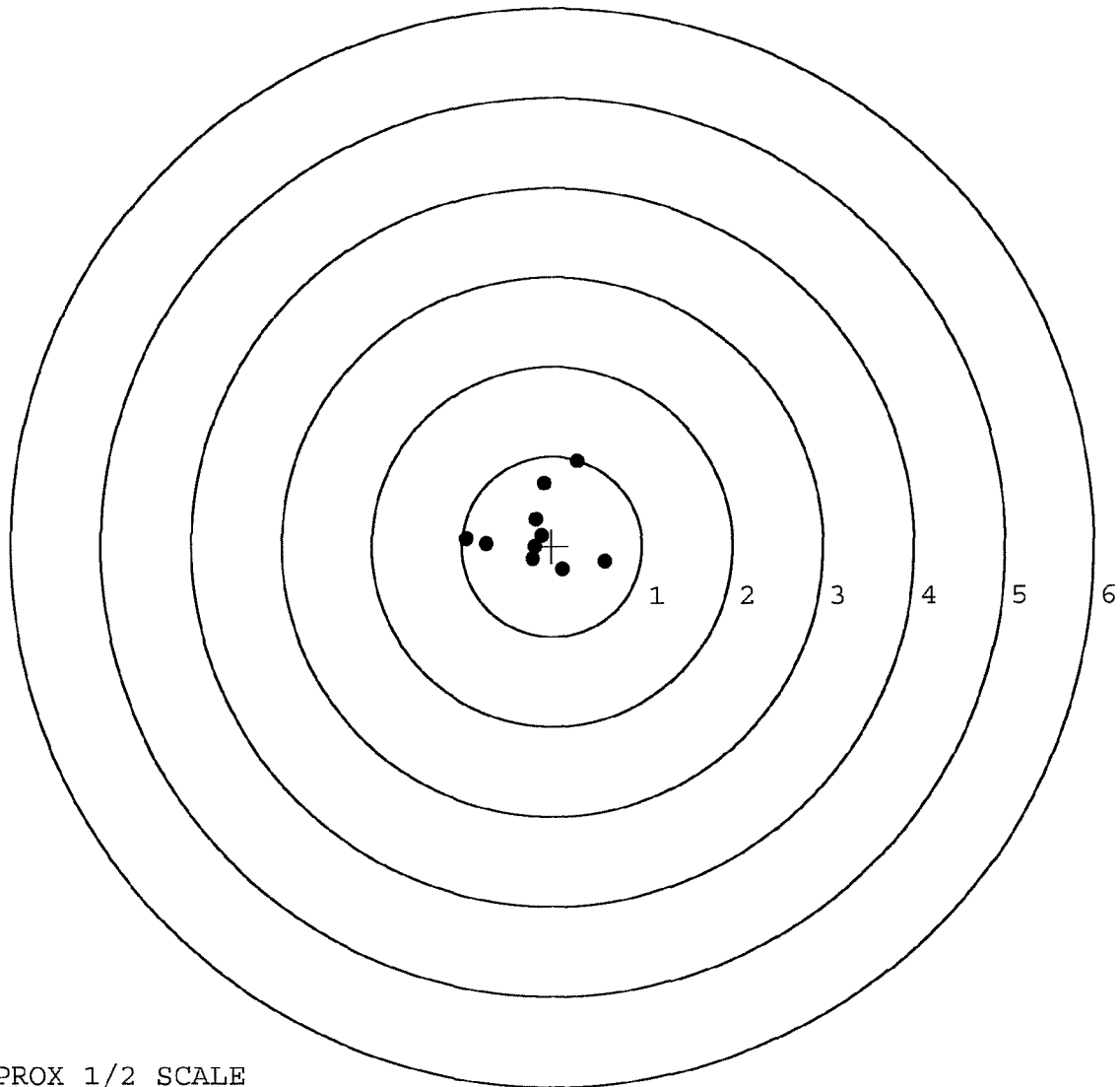
MEAN RADIUS: 0.484

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.285  | 0.953  |
| 2:     | -0.092 | 0.697  |
| 3:     | -0.953 | 0.088  |
| 4:     | -0.730 | 0.028  |
| 5:     | 0.593  | -0.170 |
| 6:     | 0.117  | -0.266 |
| 7:     | -0.192 | -0.010 |
| 8:     | -0.119 | 0.118  |
| 9:     | -0.185 | 0.300  |
| 10:    | -0.216 | -0.140 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594566. 0

TARGET NUMBER: 3

FILE DATE: 01/09/2002

FILE TIME: 02:20

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.074 | 0.879  |
| 2:     | -0.698 | 0.369  |
| 3:     | -0.826 | -0.184 |
| 4:     | -0.153 | -1.180 |
| 5:     | 0.132  | -0.625 |
| 6:     | 0.290  | -0.317 |
| 7:     | 0.135  | -0.027 |
| 8:     | 0.250  | 0.087  |
| 9:     | 0.040  | 0.340  |
| 10:    | -0.787 | 0.058  |

X CENTROID: -0.169

Y CENTROID: -0.060

POA TO CENTROID: 0.179

HORZ SPREAD: 1.116

VERT SPREAD: 2.059

GROUP SPREAD: 2.061

MIN RADIUS: 0.306

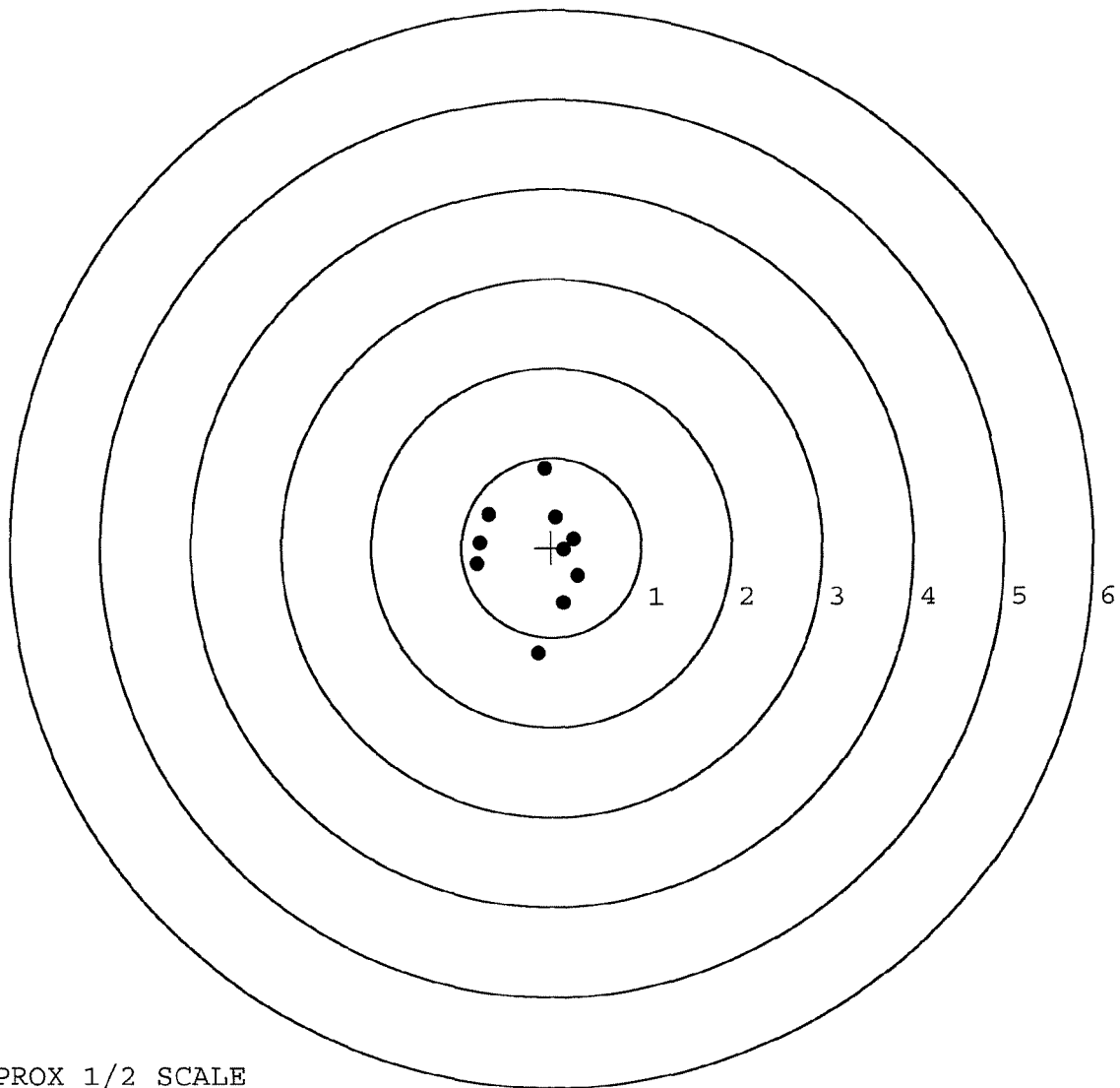
MAX RADIUS: 1.120

MEAN RADIUS: 0.641

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594566. \_\_0

TARGET NUMBER: 4

FILE DATE: 01/09/2002

FILE TIME: 02:20

X CENTROID: -0.009

Y CENTROID: 0.028

POA TO CENTROID: 0.029

HORZ SPREAD: 1.091

VERT SPREAD: 0.887

GROUP SPREAD: 1.104

MIN RADIUS: 0.025

MAX RADIUS: 0.664

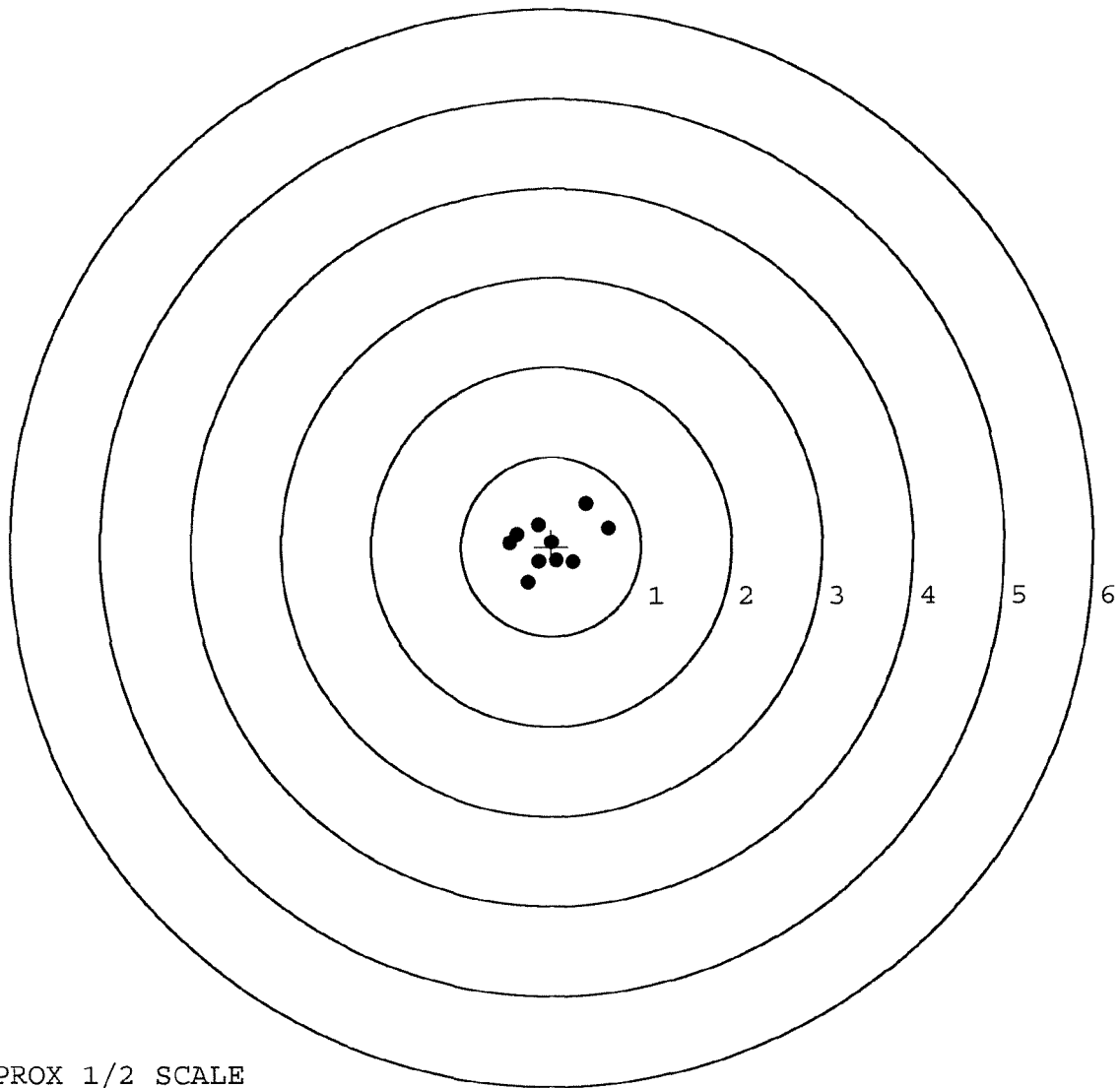
MEAN RADIUS: 0.365

# IN 1 IN DIAMETER: 8

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.383  | 0.484  |
| 2:     | 0.629  | 0.211  |
| 3:     | -0.462 | 0.041  |
| 4:     | -0.150 | 0.246  |
| 5:     | -0.263 | -0.403 |
| 6:     | 0.242  | -0.168 |
| 7:     | -0.146 | -0.167 |
| 8:     | 0.003  | 0.049  |
| 9:     | -0.385 | 0.139  |
| 10:    | 0.056  | -0.157 |



TARGET APPROX 1/2 SCALE



SERIAL NUMBER: C6594566. 0

TARGET NUMBER: 5

FILE DATE: 01/09/2002

FILE TIME: 02:20

X CENTROID: -0.208

Y CENTROID: -0.043

POA TO CENTROID: 0.213

HORZ SPREAD: 1.616

VERT SPREAD: 0.857

GROUP SPREAD: 1.629

MIN RADIUS: 0.054

MAX RADIUS: 1.159

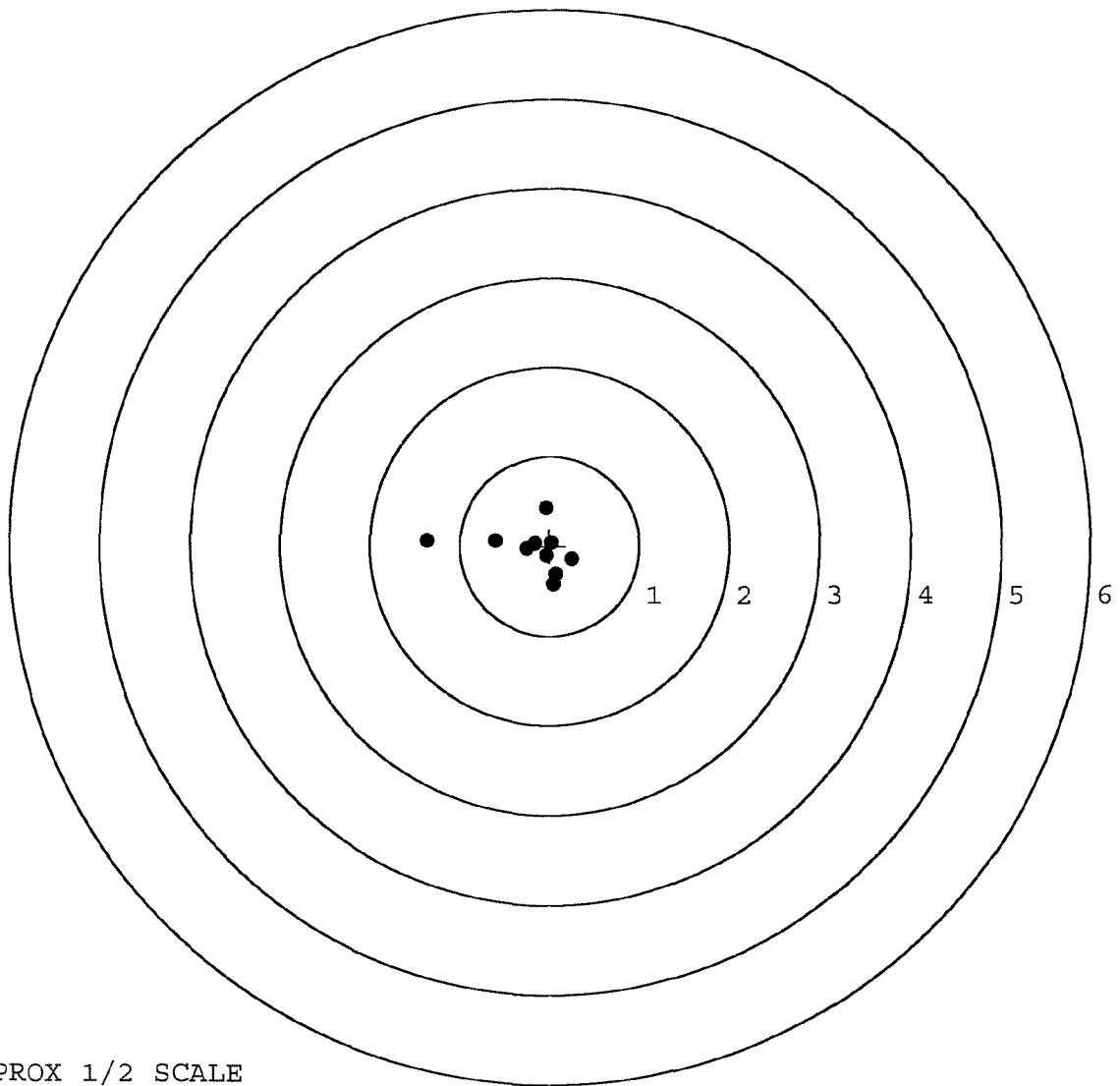
MEAN RADIUS: 0.396

# IN 1 IN DIAMETER: 9

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.363 | 0.055  |
| 2:     | -0.603 | 0.057  |
| 3:     | -0.046 | 0.424  |
| 4:     | 0.045  | -0.433 |
| 5:     | 0.253  | -0.151 |
| 6:     | -0.260 | -0.027 |
| 7:     | 0.021  | 0.040  |
| 8:     | 0.069  | -0.316 |
| 9:     | -0.165 | 0.031  |
| 10:    | -0.034 | -0.110 |



TARGET APPROX 1/2 SCALE

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

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

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

SERIAL NO.  
C6594566

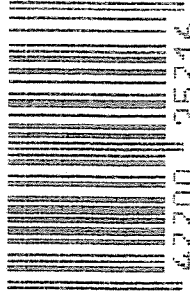
ORDER NO.  
5716

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



5716 C6594566

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6594566

| OP. #        | OP. NAME                                                       | READINGS | DATE     | INIT |
|--------------|----------------------------------------------------------------|----------|----------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   |          | 12/27/90 | K.S. |
| 600          | Proof                                                          |          | 12/27/90 | K.S. |
| 607          | Check Headspace                                                |          | 12/27/90 | K.S. |
| 610          | Dis-assemble Gun                                               |          | 12/27/90 | K.S. |
| 612          | Magnaflux Barrel<br>Action                                     |          | 1/9/91   | KR   |
|              | Magnaflux Bolt                                                 |          | 11       | KR   |
| 615          | Rollmark Caliber                                               |          | 11       | Y.S. |
| 617          | Drill and Tap Sight Holes                                      | 1 10 91  |          | LB   |
| 618          | Polish Barrel                                                  | 1 10 91  |          | W/B  |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 1-22-91  | BA   |
|              | Apply Coating (Bolt)                                           |          |          |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 1/28/91  | KS   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 1/28/91  | KS   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 1/28/91  | KS   |
|              | D) Oil Firing Pin Ass'y                                        |          | 1/28/91  | KS   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 1/29/91  | JS   |

| op. #        | OP. NAME                                                    | READINGS                      |                               |                               |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                          | 5                             | 4 <sup>3</sup> / <sub>4</sub> | 5                             |      |      | 1/29/91 | WLB  |
|              | G) Safety Off Force                                         | 2 <sup>1</sup> / <sub>2</sub> | 2 <sup>1</sup> / <sub>2</sub> | 2 <sup>1</sup> / <sub>2</sub> |      |      | 1/29/91 | WLB  |
|              | H) Trigger Pull Test & Retainability                        |                               |                               |                               |      |      | 1/29/91 | JS   |
|              | I) Firing Pin Indent                                        | .0207                         | .0203                         | .0205                         |      |      | 1/29/91 | WLB  |
|              | J) Assemble Stock                                           |                               |                               |                               |      |      | 1/29/91 | KS   |
|              | K) Assemble Swivel Studs                                    |                               |                               |                               |      |      | 2-1-91  | JS   |
|              | L) Attach Front and Rear Sight Assemblies                   |                               |                               |                               |      |      | 1/29/91 | KS   |
|              | M) Iron Sight Alignment                                     |                               |                               |                               |      |      | 1/29/91 | KS   |
|              | N) Detach Front & Rear Sights & place in numbered container |                               |                               |                               |      |      | 1/29/91 | KS   |
|              | O) Attach Scope to Rifle                                    |                               |                               |                               |      |      | 1/29/91 | KS   |
|              | P) Detach & Attach Scope 20 Times                           |                               |                               |                               |      |      | 1/29/91 | KS   |
| 640          | Gallery Target & Test                                       |                               |                               |                               |      |      | 1/29/91 | KS   |
|              | A) Time                                                     |                               |                               |                               |      |      |         | JS   |
|              | B) Malfunctions                                             |                               |                               |                               |      |      |         | JS   |
|              | C) Pierced Primers                                          |                               |                               |                               |      |      |         | JS   |
|              | D) Optical Clarity of Scope                                 |                               |                               |                               |      |      |         | JS   |
| 645          | Inspect for Live Ammo                                       |                               |                               |                               |      |      | 1/29/91 | JS   |
| 655          | Final Inspection                                            |                               |                               |                               |      |      |         |      |
|              | A) Headspace                                                |                               |                               |                               |      |      | 2-1-91  | AC   |
|              | B) Trigger Pull                                             | 2.26                          | 2.18                          | 2.20                          | 2.24 | 2.20 | 2-1-91  | JS   |
|              | C) Function                                                 |                               |                               |                               |      |      | 2-1-91  | AC   |
| 660          | Pack                                                        |                               |                               |                               |      |      | 3-19-91 | NF   |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6594866

DATE 2-1-98

TESTER JH

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.39             | 2.23                     | 2.19                           | 2.26 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.46             | 2.28                     | 2.18                           | 2.18 |                                                                        |
| PULL #3 | 2.57             | 2.32                     | 2.29                           | 2.20 |                                                                        |
| PULL #4 | 2.53             | 2.33                     | 2.50                           | 2.24 |                                                                        |
| PULL #5 | 2.35             | 2.36                     | 2.52                           | 2.20 |                                                                        |
| TOTAL   |                  |                          |                                |      |                                                                        |
| AVG.    |                  |                          |                                |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.51             | 3.20                     |  |          |
| PULL #2 | 3.50             | 3.25                     |  |          |
| PULL #3 | 3.51             | 3.24                     |  |          |
| PULL #4 | 3.40             | 3.41                     |  |          |
| PULL #5 | 3.55             | 3.51                     |  |          |
| 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 | 4.49             | 4.15                     |                                | 4.27                                 |
| PULL #2 | 4.25             | 4.36                     |                                | 4.26                                 |
| PULL #3 | 4.51             | 4.40                     |                                | 4.41                                 |
| PULL #4 | 4.35             | 4.15                     |                                | 4.37                                 |
| PULL #5 | 4.17             | 4.15                     |                                | 4.52                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06594566  
30 Jan 1991

CENTROIDAL DISTANCES

|      |   |          |
|------|---|----------|
| 0 TO | 1 | .0300167 |
| 1 TO | 2 | .122016  |
| 1 TO | 3 | .0838153 |
| 1 TO | 4 | .144534  |
| 1 TO | 5 | .362552  |

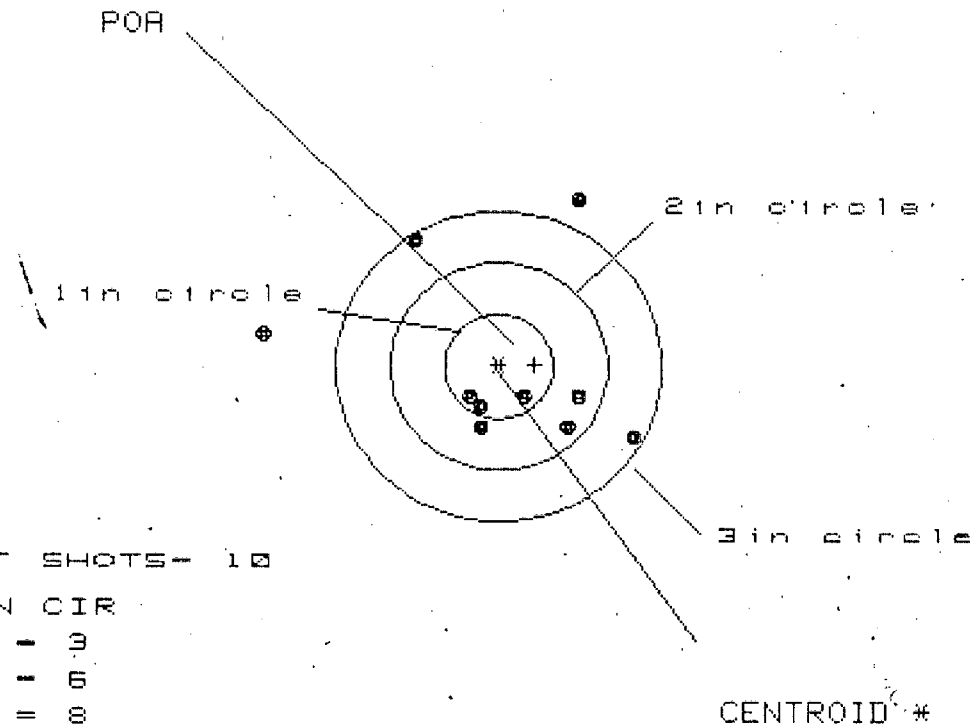
340 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0794  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0026  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0794426  
THE AMR FOR THIS RIFLE IS: .9234

30 Jan 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6594566

## CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1in = 3

2in = 6

3in = 8

HS= 3.417

VS= 2.255

GS= 3.550

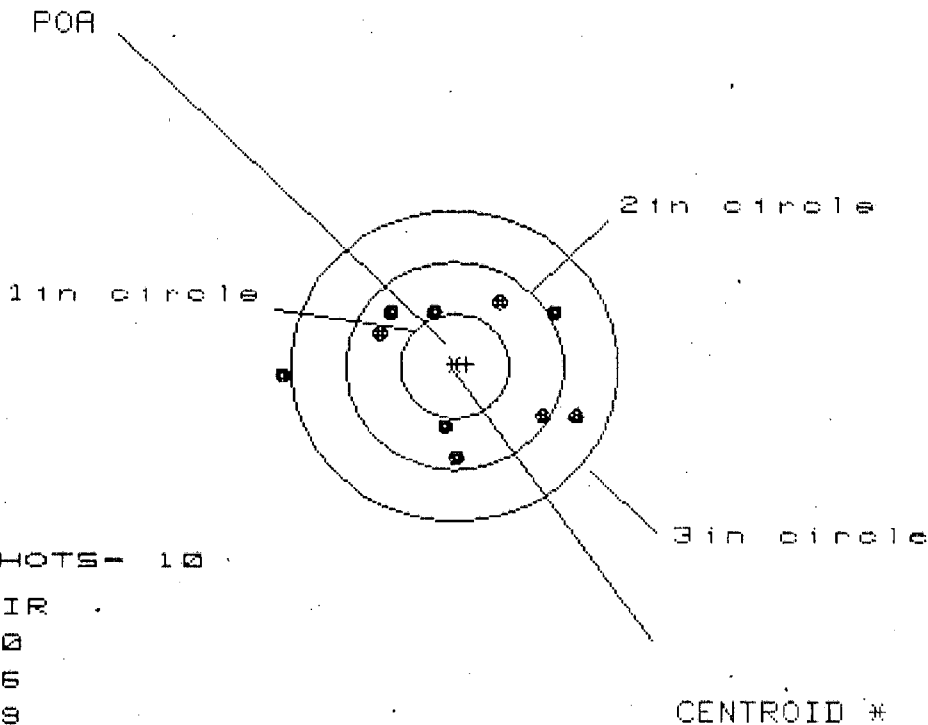
CENTROID #

| PATTERN #                     | 1      | 2     | 3     |
|-------------------------------|--------|-------|-------|
| SHOTS (BEST OF)               | 10     | 9     | 8     |
| MAXIMUM X                     | 1.232  | .989  | 1.047 |
| MINIMUM X                     | -2.185 | -.968 | -.910 |
| MAXIMUM Y                     | 1.572  | 1.603 | 1.470 |
| MINIMUM Y                     | -.683  | -.652 | -.452 |
| CENTROID X                    | -.332  | -.089 | -.147 |
| CENTROID Y                    | -.019  | -.050 | -.250 |
| POA TO CENTROID in.           | .333   | .102  | .290  |
| MIN RADIUS                    | .367   | .207  | .097  |
| MEAN RADIUS                   | 1.023  | .859  | .683  |
| MAX RADIUS                    | 2.203  | 1.668 | 1.729 |
| HORIZONTAL SPREAD             | 3.417  | 1.957 | 1.957 |
| VERTICAL SPREAD               | 2.255  | 2.255 | 1.922 |
| EXTREME SPREAD                | 3.550  | 2.743 | 2.743 |
| NUMBER IN ONE INCH CIRCLE =   |        | 3     |       |
| NUMBER IN TWO INCH CIRCLE =   |        | 6     |       |
| NUMBER IN THREE INCH CIRCLE = |        | 8     |       |

30 Jan 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6594566

CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1in = 0

2in = 6

3in = 8

HS= 2.692

VS= 1.482

GS= 2.722

| PATTERN #                     | 10     | 9     | 8     |
|-------------------------------|--------|-------|-------|
| SHOTS (BEST OF)               | 10     | 9     | 8     |
| MAXIMUM X                     | 1.078  | .899  | .895  |
| MINIMUM X                     | -1.614 | -.896 | -.784 |
| MAXIMUM Y                     | .604   | .598  | .539  |
| MINIMUM Y                     | -.878  | -.884 | -.943 |
| CENTROID X                    | -.113  | .066  | -.046 |
| CENTROID Y                    | -.020  | -.014 | .044  |
| POA TO CENTROID in.           | .115   | .068  | .064  |
| MIN RADIUS                    | .557   | .626  | .529  |
| MEAN RADIUS                   | .918   | .833  | .795  |
| MAX RADIUS                    | 1.615  | 1.013 | 1.004 |
| HORIZONTAL SPREAD             | 2.692  | 1.795 | 1.679 |
| VERTICAL SPREAD               | 1.482  | 1.482 | 1.482 |
| EXTREME SPREAD                | 2.722  | 1.968 | 1.795 |
| NUMBER IN ONE INCH CIRCLE =   | 0      |       |       |
| NUMBER IN TWO INCH CIRCLE =   | 6      |       |       |
| NUMBER IN THREE INCH CIRCLE = | 9      |       |       |



30 Jan 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6594566

## CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID #

# OF SHOTS- 10

# IN CIR .

1in = 2

2in = 6

3in = 9

HS= 1.675

VS= 2.625

GS= 2.900

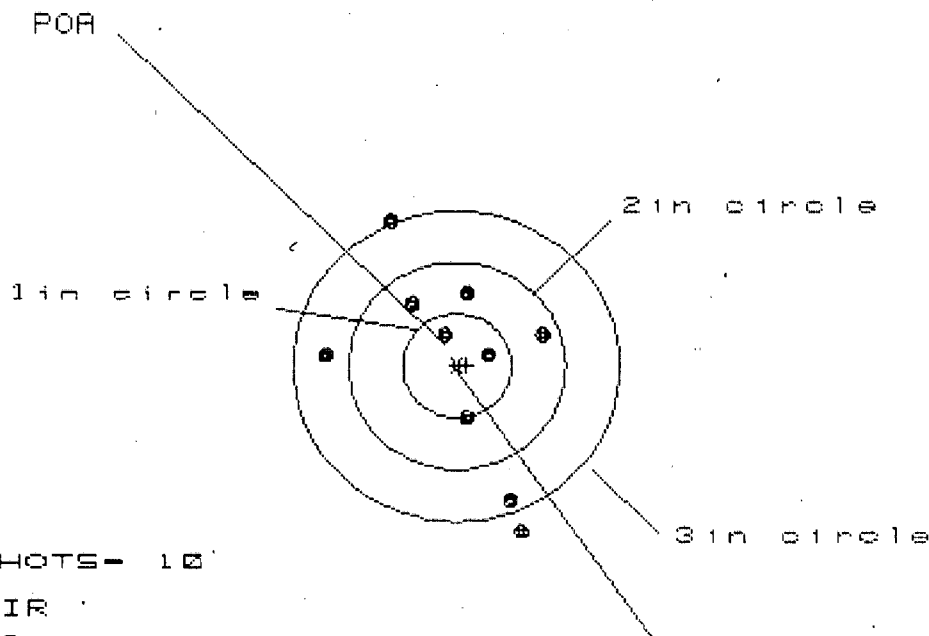
| PATTERN #                     | 3      | 9      | 8      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | .947   | .790   | .784   |
| MINIMUM X                     | -.729  | -.623  | -.629  |
| MAXIMUM Y                     | 1.341  | 1.052  | .910   |
| MINIMUM Y                     | -1.284 | -1.135 | -1.113 |
| CENTROID X                    | .110   | .004   | .010   |
| CENTROID Y                    | .026   | -.123  | .019   |
| POA TO CENTROID in.           | .113   | .123   | .021   |
| MIN RADIUS                    | .425   | .343   | .326   |
| MEAN RADIUS                   | .977   | .888   | .842   |
| MAX RADIUS                    | 1.641  | 1.279  | 1.215  |
| HORIZONTAL SPREAD             | 1.675  | 1.413  | 1.413  |
| VERTICAL SPREAD               | 2.625  | 2.187  | 2.023  |
| EXTREME SPREAD                | 2.900  | 2.357  | 2.357  |
| NUMBER IN ONE INCH CIRCLE =   |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 9      |        |

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## CENTERFIRE PATTERNS

# 4



# OF SHOTS- 10

# IN CIR

1 in = 3

2 in = 6

3 in = 8

HS= 1.960

VS= 3.002

GS= 3.230

PATTERN #

4

| SHOTS (BEST OF)               | 10     | 9      | 8      |
|-------------------------------|--------|--------|--------|
| MAXIMUM X                     | .785   | .847   | .775   |
| MINIMUM X                     | -1.175 | -1.113 | -1.185 |
| MAXIMUM Y                     | 1.381  | 1.201  | .697   |
| MINIMUM Y                     | -1.621 | -1.480 | -1.329 |
| CENTROID X                    | -.092  | -.154  | -.082  |
| CENTROID Y                    | -.001  | .179   | .029   |
| POA TO CENTROID in.           | .092   | .236   | .087   |
| MIN RADIUS                    | .292   | .102   | .268   |
| MEAN RADIUS                   | .918   | .795   | .738   |
| MAX RADIUS                    | 1.713  | 1.571  | 1.406  |
| HORIZONTAL SPREAD             | 1.960  | 1.960  | 1.960  |
| VERTICAL SPREAD               | 3.002  | 2.681  | 2.026  |
| EXTREME SPREAD                | 3.230  | 2.899  | 2.130  |
| NUMBER IN ONE INCH CIRCLE =   |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 8      |        |

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# CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

# OF SHOTS- 10.

# IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.634

VS= 1.983

GS= 2.402

CENTROID \*

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

:

.837

.899

.808

MINIMUM X

:

-.797

-.735

-.826

MAXIMUM Y

:

.677

.532

.426

MINIMUM Y

:

-1.386

-.848

-.592

CENTROID X

:

.030

-.032

.058

CENTROID Y

:

.001

.146

.252

POA TO CENTROID in.

:

.030

.149

.258

MIN RADIUS

:

.323

.291

.184

MEAN RADIUS

:

.781

.682

.607

MAX RADIUS

:

1.420

1.114

.963

HORIZONTAL SPREAD

:

1.634

1.634

1.634

VERTICAL SPREAD

:

1.983

1.380

1.018

EXTREME SPREAD

:

2.402

1.889

1.889

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

10