

C6348911

MODEL 700™ M24

Model **SMS**™

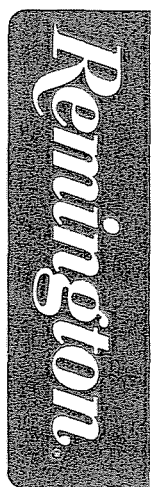
Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.



**Arms Services Repair & Estimate System**

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

**Repair Inquiry**

Repair Number: **RE00049191** Serial: C6348911 Model 700 Center Fire Caliber 7.62 NATO M24 SWS Repairman: Status: Closed 7/12/02 10:33:44 AM

Verify Repair

**Address Information**

Customer: Received From Return To: Received From

Name: **JOINT TRANSPORT DIV** **JOINT TRANSPORT DIV**

Address 1: **ATTN ATZH JTM M** **ATTN ATZH JTM M**

Address 2: **BOX 339500 MS 53** **BOX 339500 MS 53** PO Box

City: **FORT LEWIS** **FORT LEWIS**

State: **WA** Zip Code: **98433** Country: **US** State: **WA** Zip Code: **98433** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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

**Contact Information**

Phone:

Fax:

Email:

Comments:

**Received Condition**

Fair

Condition Notes:

CSR Notes:

**Accessories Received**

| Code | Desc             | Qty |
|------|------------------|-----|
| A007 | With Studs       | 3   |
| X001 | Fr. & Rear Bases | 2   |

Repair Search Refresh Close

nagel 7/12/02 11:06 AM CAPS NUM INS SCFL

Start [Icons] 11:06 AM

Serial Number: **C6348911**

Model: **700**



**RE00049191**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348911.\_\_\_0  
FILE DATE AND TIME: 07/31/2002 09:52

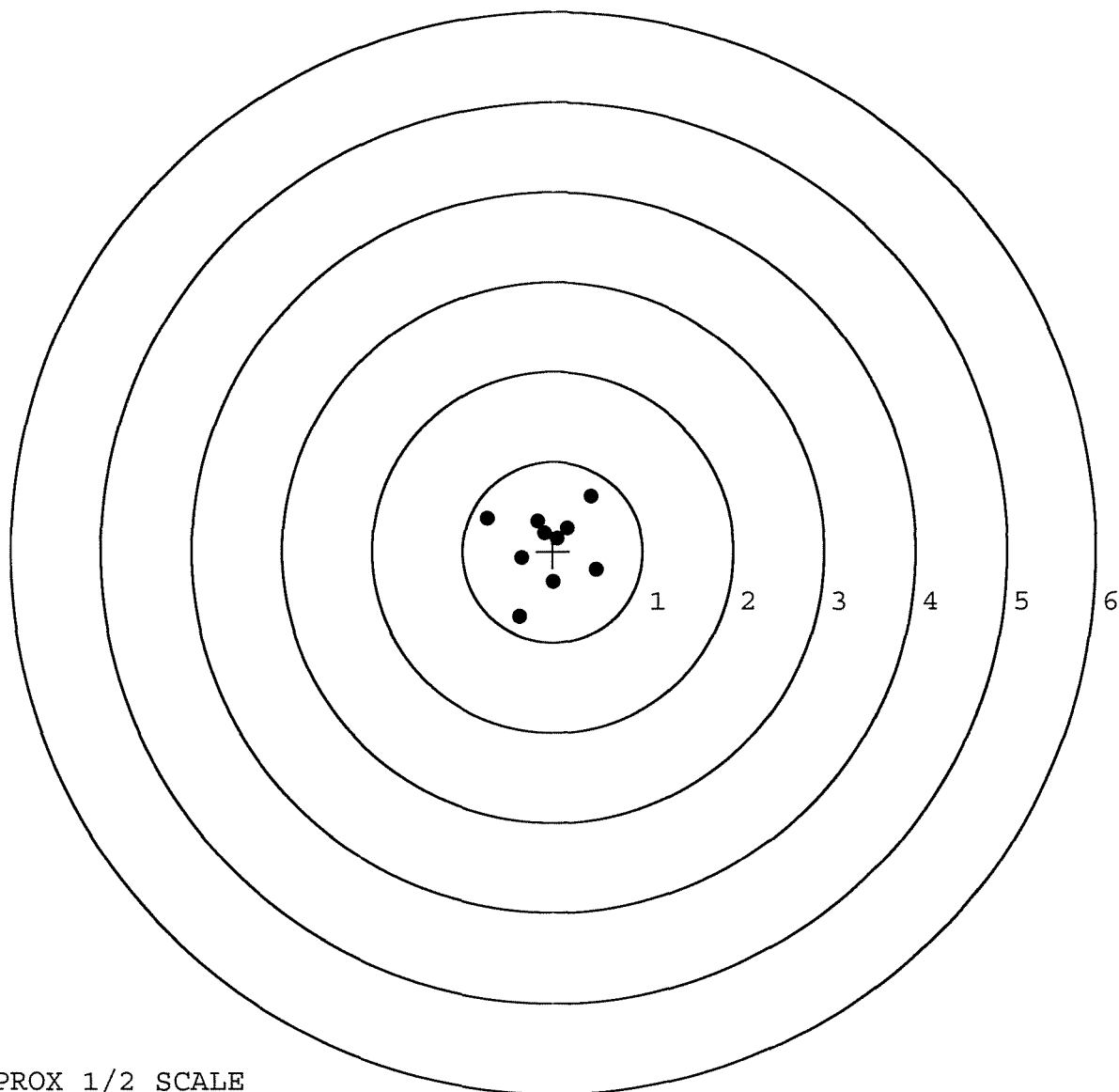
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.002  |
| The Average Y Centroid of the Five Target Set:              | -0.107 |
| The Average Point of Impact of the Five Target Set:         | 0.107  |
| The Average Mean Radius of the Five Target Set:             | 0.670  |
| The Distance from POA to Centroid Target #1:                | 0.084  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.205  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.336  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.092  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.322  |

SERIAL NUMBER: C6348911. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 07/31/2002  
FILE TIME: 09:52

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.484  | -0.201 |
| 2:     | -0.002 | -0.344 |
| 3:     | -0.376 | -0.722 |
| 4:     | -0.730 | 0.371  |
| 5:     | -0.347 | -0.075 |
| 6:     | 0.425  | 0.620  |
| 7:     | -0.173 | 0.339  |
| 8:     | 0.161  | 0.257  |
| 9:     | 0.053  | 0.143  |
| 10:    | -0.099 | 0.201  |

X CENTROID: -0.060  
Y CENTROID: 0.059  
POA TO CENTROID: 0.084  
HORZ SPREAD: 1.214  
VERT SPREAD: 1.342  
GROUP SPREAD: 1.563  
MIN RADIUS: 0.141  
MAX RADIUS: 0.842  
MEAN RADIUS: 0.454  
# IN 1 IN DIAMETER: 6  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348911. \_\_0

TARGET NUMBER: 2

FILE DATE: 07/31/2002

FILE TIME: 09:52

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.777  | -1.446 |
| 2:     | 0.816  | -0.912 |
| 3:     | -0.695 | -0.587 |
| 4:     | -0.218 | -0.545 |
| 5:     | -0.351 | -0.375 |
| 6:     | 0.077  | -0.293 |
| 7:     | -0.292 | 0.108  |
| 8:     | -0.692 | 0.256  |
| 9:     | 0.380  | 0.624  |
| 10:    | -1.009 | 1.799  |

X CENTROID: -0.121

Y CENTROID: -0.137

POA TO CENTROID: 0.183

HORZ SPREAD: 1.825

VERT SPREAD: 3.245

GROUP SPREAD: 3.704

MIN RADIUS: 0.252

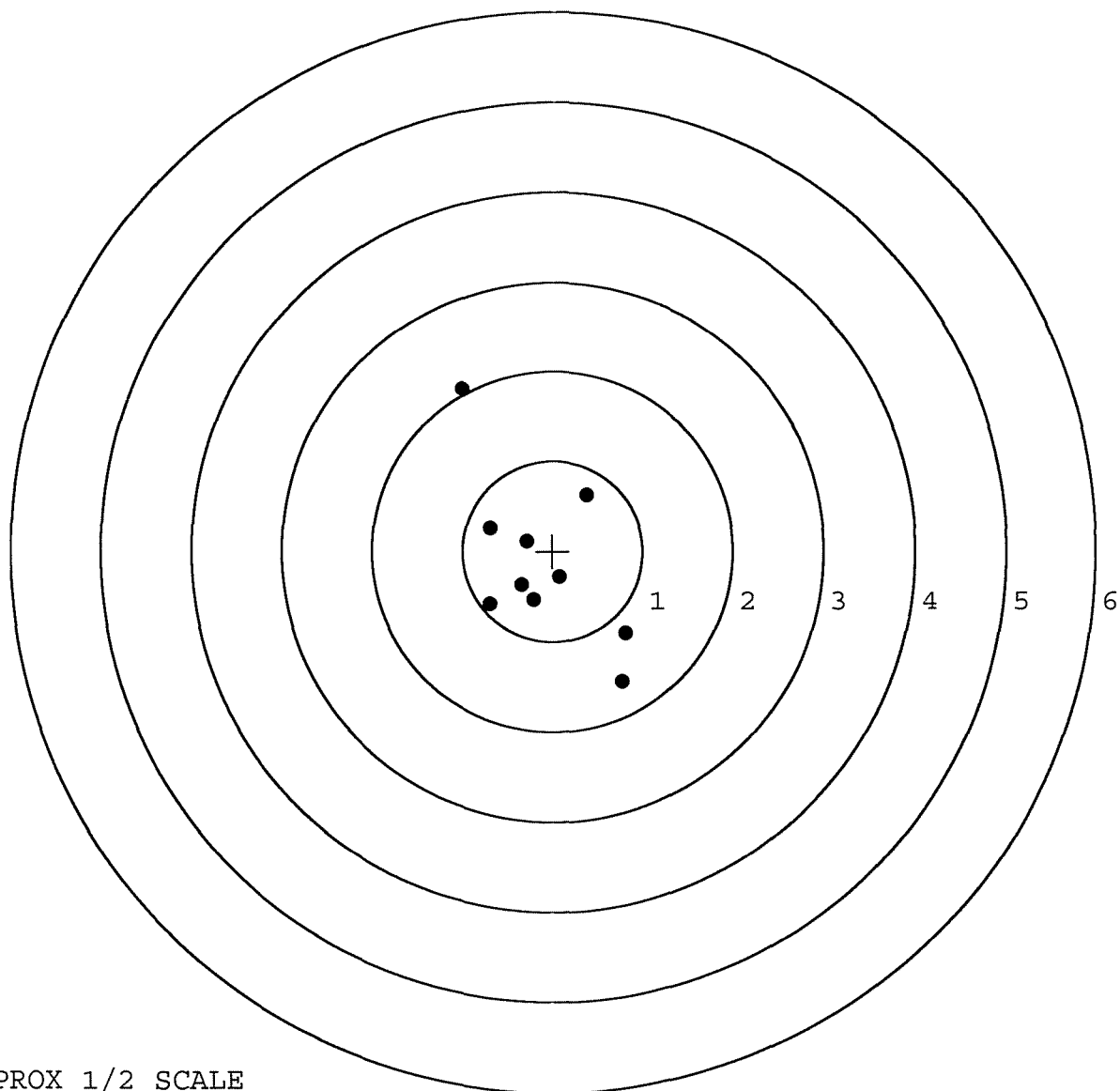
MAX RADIUS: 2.130

MEAN RADIUS: 0.857

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 8

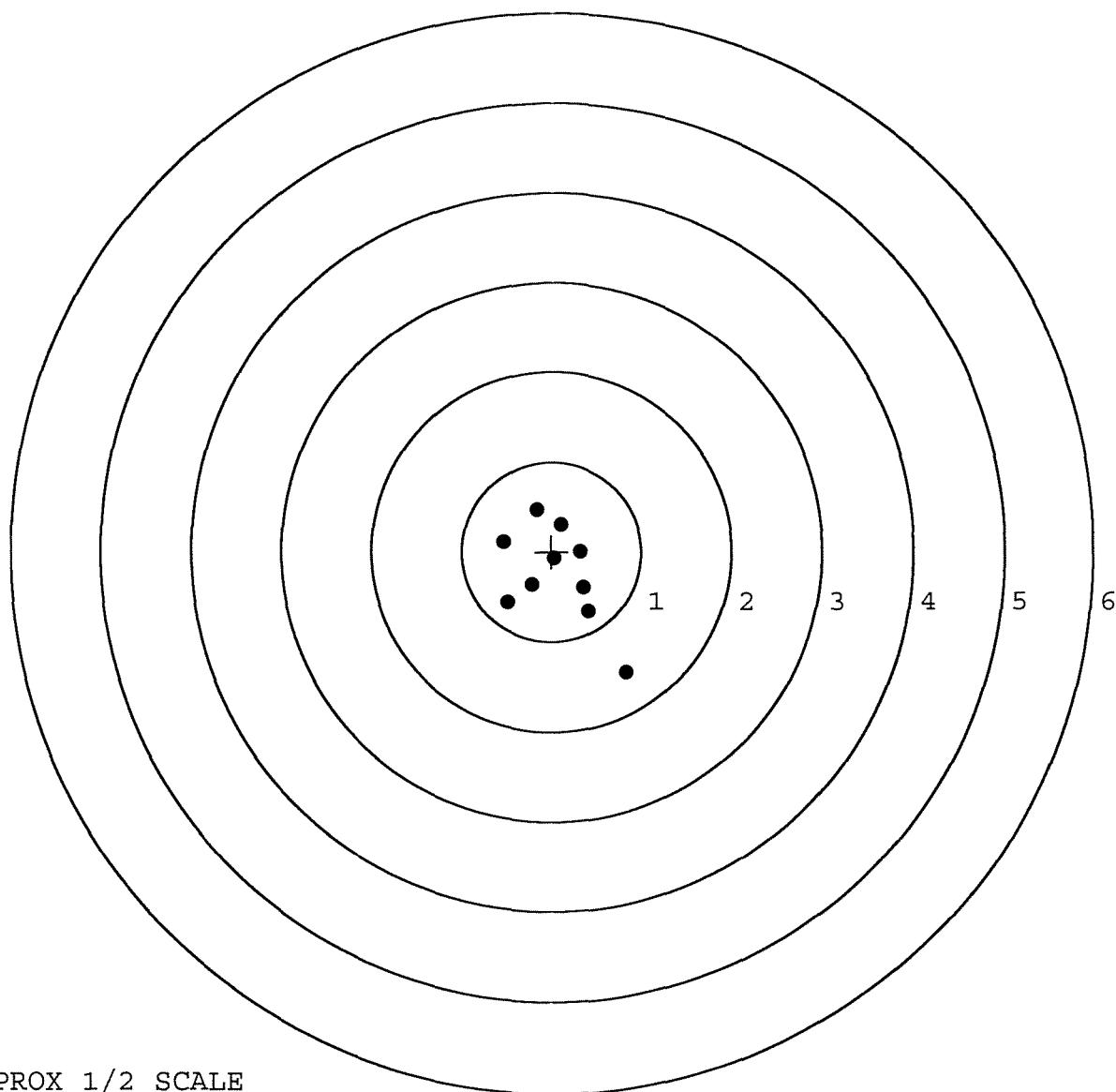


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348911.\_\_\_0  
TARGET NUMBER: 3  
FILE DATE: 07/31/2002  
FILE TIME: 09:52

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.829  | -1.344 |
| 2:     | 0.415  | -0.669 |
| 3:     | 0.356  | -0.401 |
| 4:     | 0.326  | 0.006  |
| 5:     | 0.101  | 0.306  |
| 6:     | -0.168 | 0.472  |
| 7:     | -0.539 | 0.110  |
| 8:     | -0.494 | -0.573 |
| 9:     | -0.220 | -0.368 |
| 10:    | 0.029  | -0.078 |

X CENTROID: 0.063  
Y CENTROID: -0.254  
POA TO CENTROID: 0.262  
HORZ SPREAD: 1.368  
VERT SPREAD: 1.816  
GROUP SPREAD: 2.072  
MIN RADIUS: 0.179  
MAX RADIUS: 1.332  
MEAN RADIUS: 0.573  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348911. \_\_0

TARGET NUMBER: 4

FILE DATE: 07/31/2002

FILE TIME: 09:52

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.559  | -1.060 |
| 2:     | 0.335  | -0.833 |
| 3:     | 0.321  | -0.352 |
| 4:     | 0.649  | -0.074 |
| 5:     | 0.309  | 0.193  |
| 6:     | -0.333 | -0.144 |
| 7:     | -0.306 | 0.026  |
| 8:     | -1.034 | 0.262  |
| 9:     | -0.940 | 0.658  |
| 10:    | 0.048  | 1.017  |

X CENTROID: -0.039

Y CENTROID: -0.031

POA TO CENTROID: 0.050

HORZ SPREAD: 1.683

VERT SPREAD: 2.077

GROUP SPREAD: 2.280

MIN RADIUS: 0.273

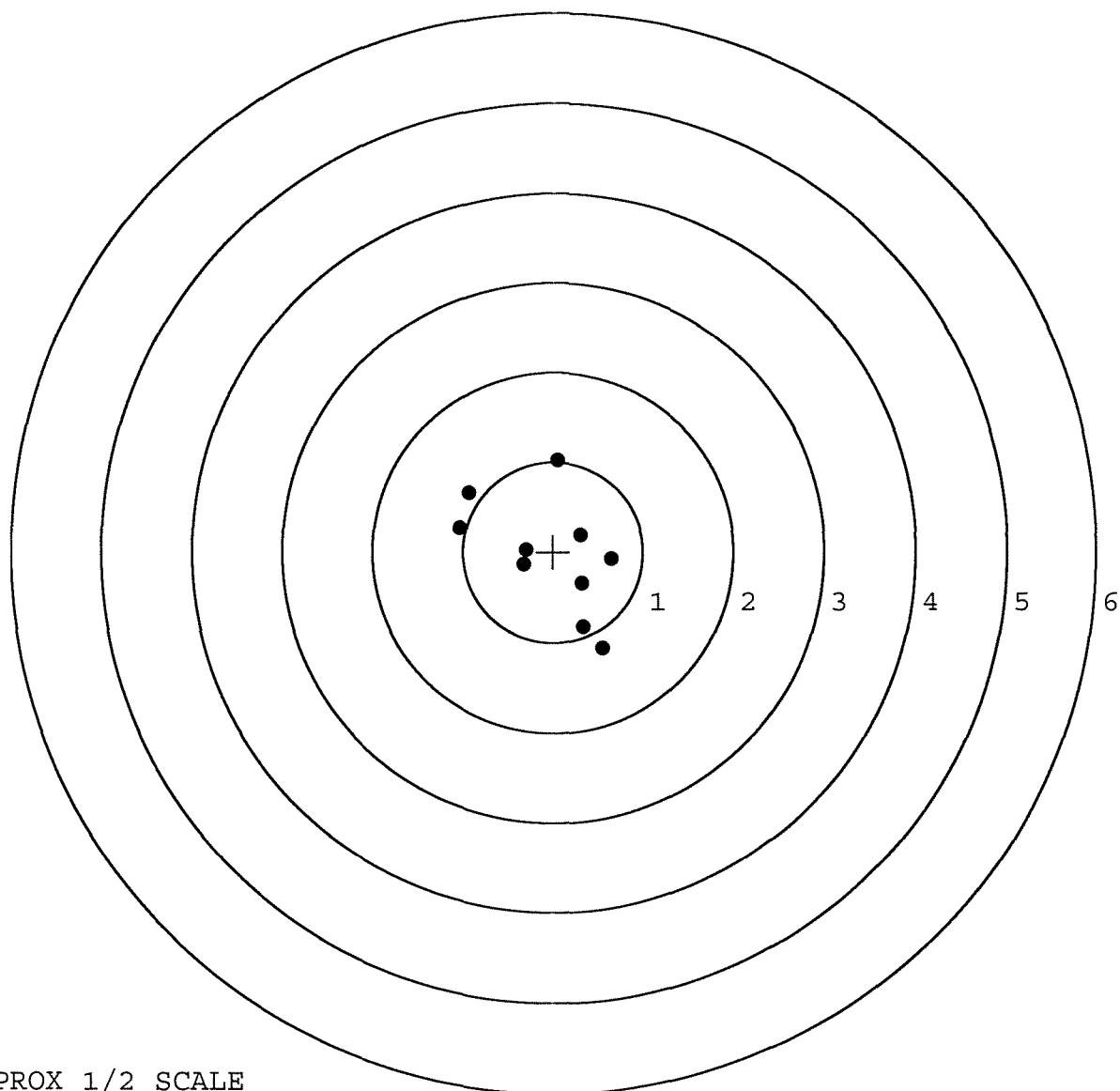
MAX RADIUS: 1.191

MEAN RADIUS: 0.747

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 10

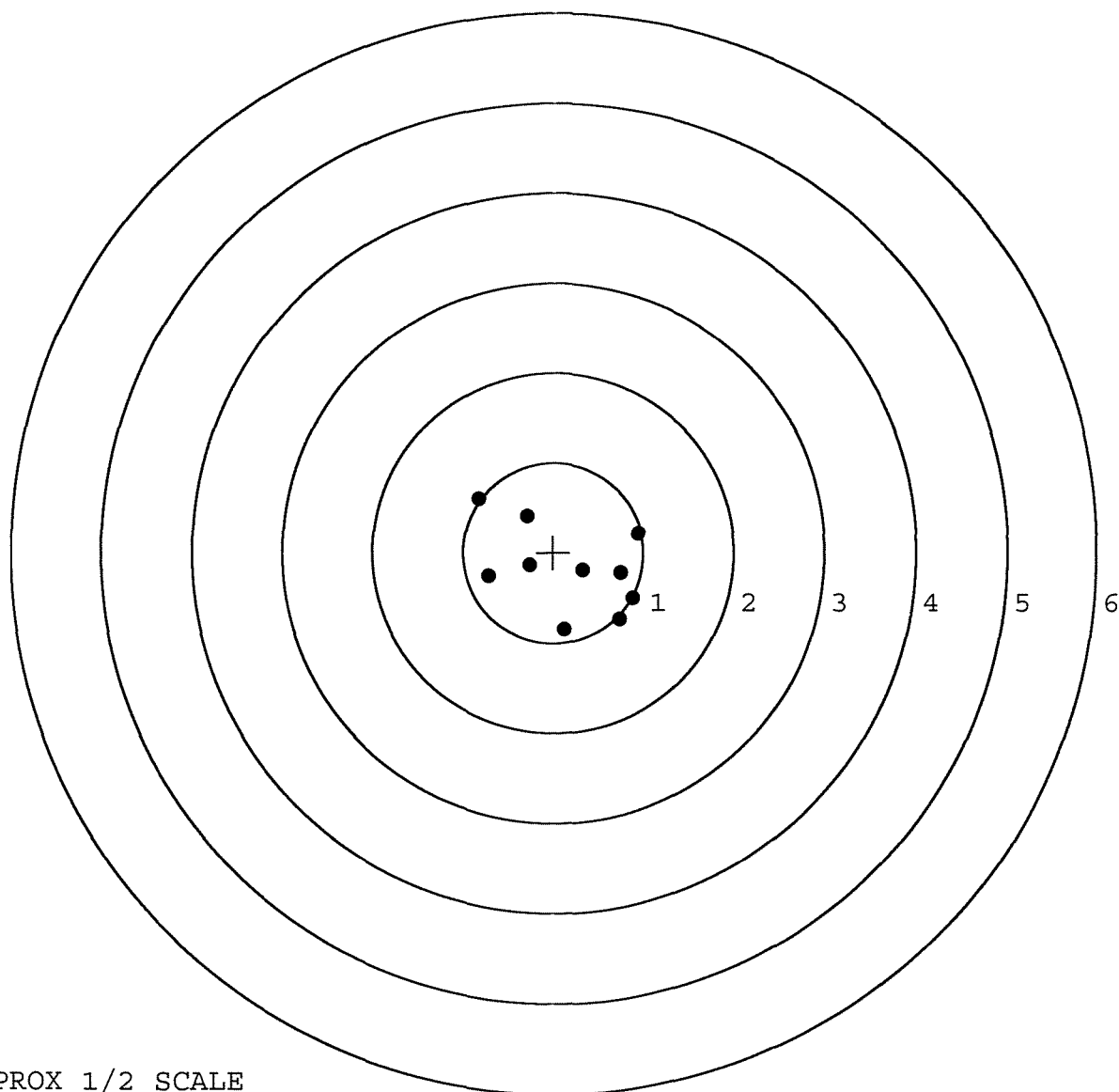


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348911. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 07/31/2002  
FILE TIME: 09:52

X CENTROID: 0.166  
Y CENTROID: -0.170  
POA TO CENTROID: 0.238  
HORZ SPREAD: 1.774  
VERT SPREAD: 1.457  
GROUP SPREAD: 2.055  
MIN RADIUS: 0.164  
MAX RADIUS: 1.258  
MEAN RADIUS: 0.721  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.945  | 0.218  |
| 2:     | 0.735  | -0.734 |
| 3:     | 0.884  | -0.503 |
| 4:     | 0.753  | -0.223 |
| 5:     | 0.328  | -0.196 |
| 6:     | 0.121  | -0.858 |
| 7:     | -0.260 | -0.140 |
| 8:     | -0.718 | -0.265 |
| 9:     | -0.297 | 0.401  |
| 10:    | -0.829 | 0.599  |



TARGET APPROX 1/2 SCALE

## Final Inspection

Sn: C6348911

DATE REC'D: 2/12/02

DATE RET'D: 8/2/02

Auditor: RL

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Scope Assy.

☒ Scope☒ Scope Rings☒ Mounting Screws☒ Mounting Base☒ Screws☒ Finish☒ Looseness☒ CLARITY

Misc.

☒ DD-250☒ BAR CODE☒ PACKAGING

Item:

Stock Assy.

☒ Stock☒ Sling Swivel Studs☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☒ Scope Case☒ Iron Sights☒ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments:

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

|                     |                    |                      |         |
|---------------------|--------------------|----------------------|---------|
| R & E NUMBER        | 49191              |                      |         |
| SERIAL NUMBER       | C6348911           |                      |         |
| LOG-IN DATE         | 7/11/02            |                      |         |
| INSPECT AND VERIFY: |                    |                      |         |
| OPERATION #         | OPERATION NAME     | DATE                 | INITIAL |
| 550                 | DIS-ASSEMBLE GUN   | 7/16/02              | RL      |
| 560 A               | RE-BARREL          | 7/16/02              | DA      |
| B                   | DRILL AND TAP      | 7-17-02              | Ac      |
| 575                 | ASSEMBLE           | 7/19/02              | RL      |
| 600                 | PROOF              | 7-20-02              | AC      |
| 605                 | CHECK HEADSPACE    | 7/22/02              | KL      |
| 610                 | DIS-ASSEMBLE GUN   | 7/22/02              | KL      |
| 612                 | MAGNAFLUX          | MAGNA-FLUX INSPECTED |         |
| 615                 | ROLLMARK CALIBER   | JUL 23 2002 7/23/02  | TRW     |
| 618                 | ROTO-BLAST         | OPERATOR RK 7/25/02  | AO      |
| 620                 | APPLY COATINGS     | 7-26                 | TA      |
| 625 A               | FINAL ASSEMBLY     | 7/29/02              | RL      |
| B                   | TRIGGER PULL TEST  |                      |         |
| C                   | SAFETY "ON" FORCE  |                      |         |
| D                   | SAFETY "OFF" FORCE |                      |         |
| E                   | FIRING PIN INDENT  |                      |         |
| 640                 | TARGET             | 7/30/02              | TRW     |
| 655                 | FINAL INSPECT      | 8-2-02               | RL      |
| 660                 | PACK               | 8-2-02               | DA      |
|                     |                    | SHIP DATE            |         |
| QAR INSPECTION DATE |                    |                      |         |

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

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

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

01

**SERIAL NO.**  
C6348911

**ORDER NO.**  
**5716**

  
5716 C6348911

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

**UPC**

  
0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348911

| OP. #        | OP. NAME                                                       | READINGS | DATE    | INIT |
|--------------|----------------------------------------------------------------|----------|---------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 9 14     | 89      | RW   |
| 600          | Proof                                                          | 9 14     | 89      | RW   |
| 607          | Check Headspace                                                | 9 14     | 89      | RW   |
| 610          | Dis-assemble Gun                                               | 9 14     | 89      | RW   |
| 612          | Magnaflux Barrel<br>Action                                     | 9-14-89  |         | KCR  |
|              | Magnaflux Bolt                                                 | 9-14-89  |         | KCR  |
| 615          | Rollmark Caliber                                               |          | 9-15-89 | GS   |
| 7            | Drill and Tap Sight Holes                                      | 9 15     | 89      | FB   |
| 618          | Polish Barrel                                                  | 9 15     | 89      | BT   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 9-15-89 | TJA  |
|              | Apply Coating (Bolt)                                           |          |         |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 9/26/89 | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 9/26/89 | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 9/26/89 | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 9/26/89 | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 10/6/89 | 928  |

| op. #        | OP. NAME                                                    | READINGS |      |      | DATE      | INIT |           |     |
|--------------|-------------------------------------------------------------|----------|------|------|-----------|------|-----------|-----|
| 625<br>cont. | F) Safety On Force                                          | 6        | 6    | 6    | 10/17/89  | 94   |           |     |
|              | G) Safety Off Force                                         | 4        | 4    | 4    | 10/17/89  | 94   |           |     |
|              | H) Trigger Pull Test & Retainability                        |          |      |      | 16 Oct 89 | 928  |           |     |
|              | I) Firing Pin Indent                                        | .0215    | .022 | .022 | 10/17/89  | 94   |           |     |
|              | J) Assemble Stock                                           |          |      |      | 11/7/89   | RW   |           |     |
|              | K) Assemble Swivel Studs                                    |          |      |      | 11/7/89   | 928  |           |     |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |      | 11/7/89   | RW   |           |     |
|              | M) Iron Sight Alignment                                     |          |      |      | 11/7/89   | RW   |           |     |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |      | 11/7/89   | RW   |           |     |
|              | O) Attach Scope to Rifle                                    |          |      |      | 11-7-89   | 94   |           |     |
|              | P) Detach & Attach Scope 20 Times                           |          |      |      | 11-7-89   | 94   |           |     |
| 640          | Gallery Target & Test                                       |          |      |      | 11-8-89   | K    |           |     |
|              | A) Time                                                     |          |      |      | 11-8-89   | AC   |           |     |
|              | B) Malfunctions                                             |          |      |      | 11-8-89   | AC   |           |     |
|              | C) Pierced Primers                                          |          |      |      | 11-8-89   | AC   |           |     |
|              | D) Optical Clarity of Scope                                 |          |      |      | 11-8-89   | AC   |           |     |
| 645          | Inspect for Live Ammo                                       |          |      |      | 11-8-89   | AC   |           |     |
| 655          | Final Inspection                                            |          |      |      | 10 Nov 89 | 928  |           |     |
|              | A) Headspace                                                |          |      |      | 10 Nov 89 | 928  |           |     |
|              | B) Trigger Pull                                             | 258      | 239  | 248  | 244       | 238  | 10 Nov 89 | 928 |
|              | C) Function                                                 |          |      |      |           |      | 10 Nov 89 | 928 |
| 660          | Pack                                                        |          |      |      |           |      | 14 Dec 89 | 928 |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6348911DATE 3/29/90TESTER DH

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------------------------------------------------------------------------|
| PULL #1 | 2.29             | 2.13                     | 2.31                           | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.19             | 2.24                     | 2.39                           |                                                                        |
| PULL #3 | 2.26             | 2.30                     | 2.32                           |                                                                        |
| PULL #4 | 2.16             | 2.26                     | 2.33                           |                                                                        |
| PULL #5 | 2.19             | 2.23                     | 2.38                           |                                                                        |
| TOTAL   | 11.09            | 11.16                    | 11.73                          |                                                                        |
| AVG.    | 2.21             | 2.23                     | 2.34                           |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES | COMMENTS |
|---------|------------------|--------------------------|----------|
| PULL #1 | 3.38             | 3.37                     |          |
| PULL #2 | 3.47             | 3.39                     |          |
| PULL #3 | 3.04             | 3.42                     |          |
| PULL #4 | 3.45             | 3.49                     |          |
| PULL #5 | 3.45             | 3.50                     |          |
| TOTAL   | 16.79            | 17.17                    |          |
| AVG.    | 3.35             | 3.43                     |          |

|         | 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 | 4.14             | 4.18                     |                                |                                      |
| PULL #2 | 4.13             | 4.18                     |                                |                                      |
| PULL #3 | 4.08             | 4.17                     |                                |                                      |
| PULL #4 | 4.12             | 4.22                     |                                |                                      |
| PULL #5 | 4.11             | 4.19                     |                                |                                      |
| TOTAL   | 20.58            | 20.94                    |                                |                                      |
| AVG.    | 4.11             | 4.18                     |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06348911  
8 Nov 1989

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .412495 |
| 1 TO | 2 | .400769 |
| 1 TO | 3 | .124197 |
| 1 TO | 4 | .068942 |
| 1 TO | 5 | .57546  |

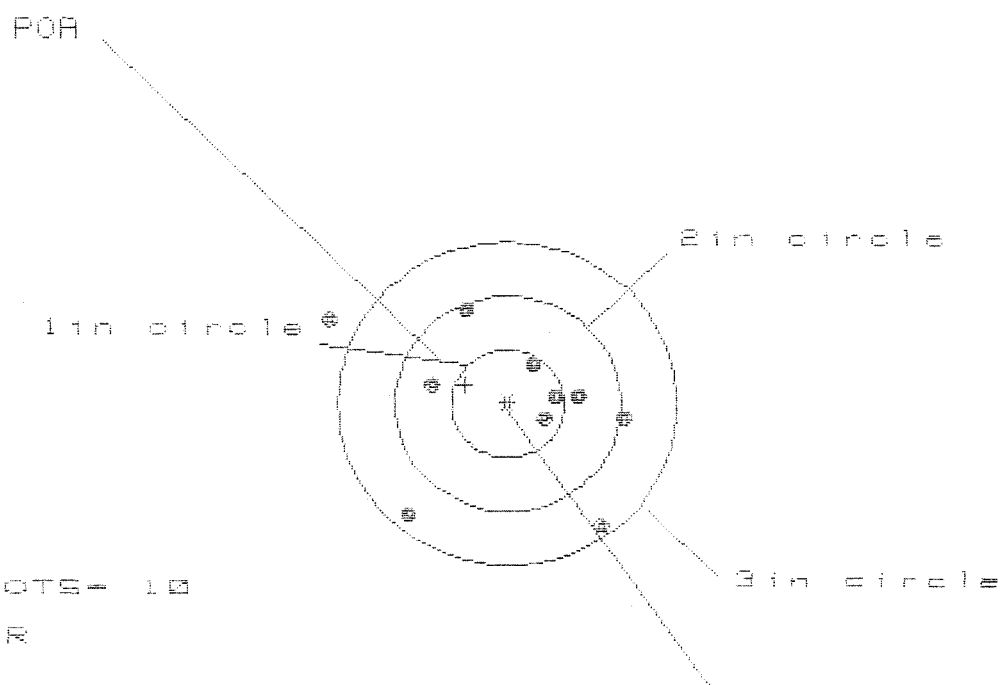
5  
4  
3  
2  
1  
0  
←----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3194  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1442  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .350443  
THE ANR FOR THIS RIFLE IS: .9106

8 May 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/08348901

# CENTERFIRE PATTERNS # 1



# OF SHOTS= 10

# IN CIR

1in = 3

2in = 5

3in = 9

HS= 2.646

VS= 1.991

GS= 3.083

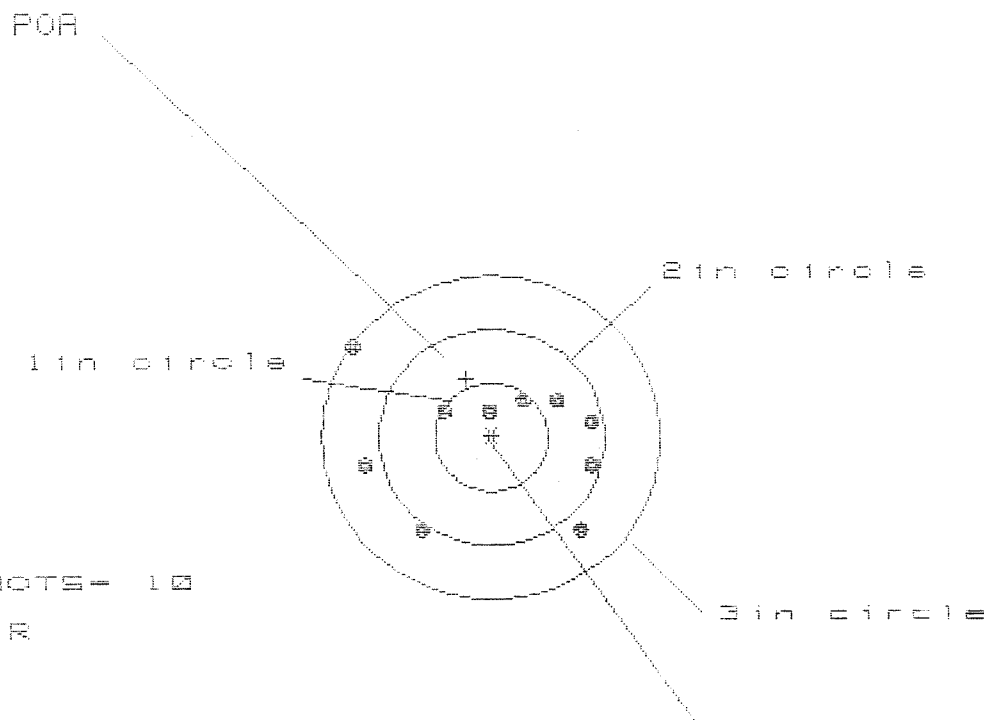
CENTROID \*

|                               |   |        |        |        |
|-------------------------------|---|--------|--------|--------|
| PATTERN #                     | : | 1      |        |        |
| SHOTS (BEST OF)               | : | 10     | 9      | 8      |
| MAXIMUM X                     | : | 1.075  | .900   | .984   |
| MINIMUM X                     | : | -1.571 | -1.095 | -1.011 |
| MAXIMUM Y                     | : | .834   | .919   | .785   |
| MINIMUM Y                     | : | -1.157 | -1.072 | -1.032 |
| CENTROID X                    | : | .374   | .548   | .464   |
| CENTROID Y                    | : | -.174  | -.259  | -.125  |
| POR TO CENTROID in.           | : | .412   | .606   | .480   |
| MIN RADIUS                    | : | .389   | .202   | .321   |
| MEAN RADIUS                   | : | .911   | .778   | .709   |
| MAX RADIUS                    | : | 1.749  | 1.416  | 1.445  |
| HORIZONTAL SPREAD             | : | 2.646  | 1.995  | 1.995  |
| VERTICAL SPREAD               | : | 1.991  | 1.991  | 1.817  |
| EXTREME SPREAD                | : | 3.083  | 2.362  | 2.155  |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE = |   |        | 9      |        |

6 Nov 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C8348311

# CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1in = 3

2in = 6

3in = 10

HS= 2.038

VS= 1.796

GS= 2.642

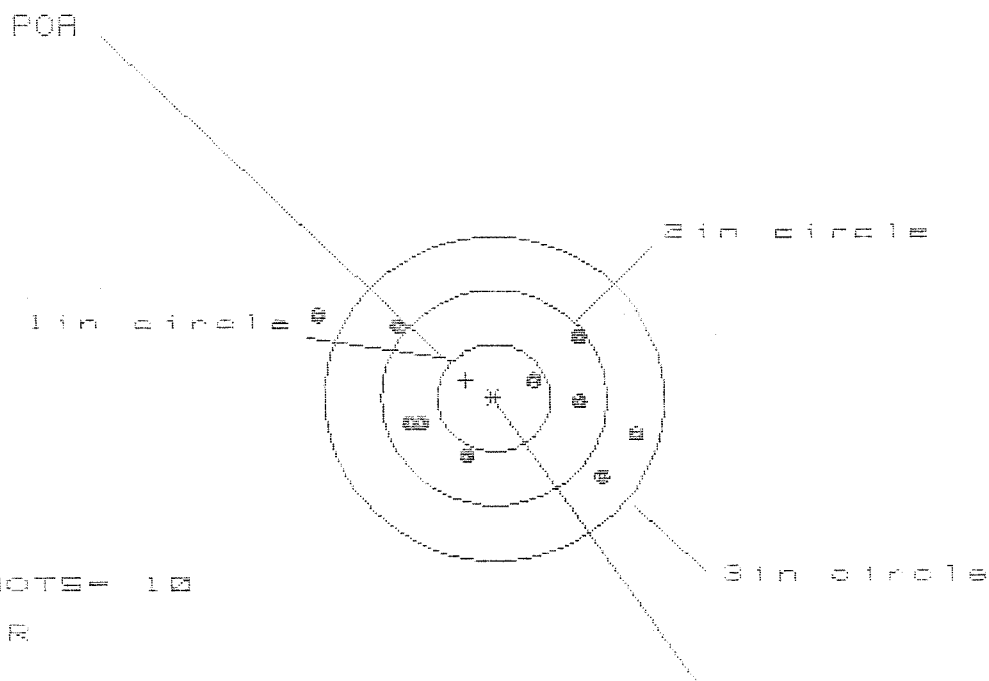
CENTROID #

| PATTERN #                     | 2      |        |        |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | .865   | .735   | .814   |
| MINIMUM X                     | -1.173 | -1.223 | -1.144 |
| MAXIMUM Y                     | .891   | .480   | .379   |
| MINIMUM Y                     | -.905  | -.806  | -.846  |
| CENTROID X                    | .220   | .350   | .271   |
| CENTROID Y                    | -.544  | -.643  | -.542  |
| POA TO CENTROID in.           | .587   | .732   | .606   |
| MIN RADIUS                    | .266   | .387   | .269   |
| MEAN RADIUS                   | .842   | .771   | .715   |
| MAX RADIUS                    | 1.473  | 1.238  | 1.181  |
| HORIZONTAL SPREAD             | 2.038  | 1.958  | 1.958  |
| VERTICAL SPREAD               | 1.796  | 1.286  | 1.225  |
| EXTREME SPREAD                | 2.642  | 2.004  | 2.004  |
| NUMBER IN ONE INCH CIRCLE =   |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 10     |        |

B Nov 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C6348911

# CENTERFIRE PATTERNS # 3



# OF SHOTS= 10

# IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 2.728

VS= 1.402

GS= 2.935

|                             |   |        |       |       |
|-----------------------------|---|--------|-------|-------|
| PATTERN #                   | : | 3      |       |       |
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | 1.207  | 1.038 | .874  |
| MINIMUM X                   | : | -1.521 | -.998 | -.868 |
| MAXIMUM Y                   | : | .717   | .770  | .734  |
| MINIMUM Y                   | : | -.685  | -.605 | -.641 |
| CENTROID X                  | : | .250   | .419  | .289  |
| CENTROID Y                  | : | -.167  | -.247 | -.211 |
| POA TO CENTROID in.         | : | .301   | .486  | .358  |
| MIN RADIUS                  | : | .412   | .325  | .399  |
| MEAN RADIUS                 | : | .932   | .826  | .793  |
| MAX RADIUS                  | : | 1.682  | 1.261 | 1.137 |
| HORIZONTAL SPREAD           | : | 2.728  | 2.036 | 1.742 |
| VERTICAL SPREAD             | : | 1.402  | 1.375 | 1.375 |
| EXTREME SPREAD              | : | 2.935  | 2.294 | 2.219 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9     |       |

6 May 1989

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# CENTERFIRE PATTERNS

# 4

POA

1 in circle

2 in circle

3 in circle

CENTROID #

# OF SHOTS = 10

# IN CIR

1 in = 1

2 in = 4

3 in = 10

HE = 2.402

VS = 2.116

GS = 2.548

PATTERN #

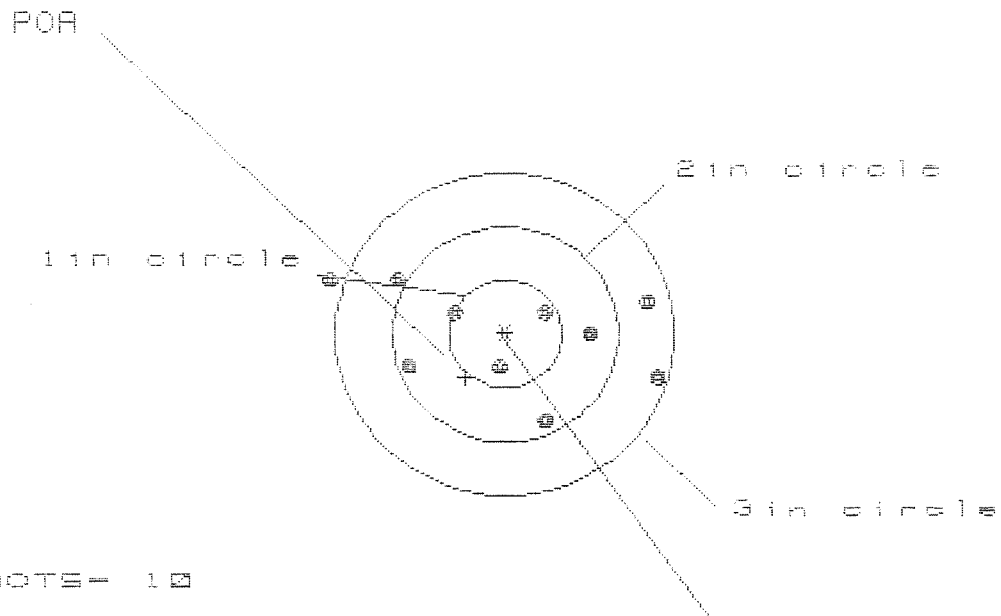
4

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.021  | .868   | .931   |
| MINIMUM X                   | : | -1.381 | -1.266 | -1.158 |
| MAXIMUM Y                   | : | 1.099  | 1.087  | 1.179  |
| MINIMUM Y                   | : | -1.017 | -1.029 | -.937  |
| CENTROID X                  | : | .402   | .555   | .447   |
| CENTROID Y                  | : | -.237  | -.226  | -.318  |
| POA TO CENTROID in.         | : | .467   | .600   | .549   |
| MIN RADIUS                  | : | .270   | .399   | .259   |
| MEAN RADIUS                 | : | .971   | .919   | .875   |
| MAX RADIUS                  | : | 1.385  | 1.271  | 1.190  |
| HORIZONTAL SPREAD           | : | 2.402  | 2.134  | 2.089  |
| VERTICAL SPREAD             | : | 2.116  | 2.116  | 2.116  |
| EXTREME SPREAD              | : | 2.548  | 2.294  | 2.193  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |        |

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# CENTERFIRE PATTERNS # 5



# OF SHOTS = 10

# IN CIR

1 in = 2

2 in = 6

3 in = 0

H0 = 0.908

V0 = 1.340

G0 = 0.034

CENTROID #

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 5      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.307  | 1.130  | 1.182  |
| MINIMUM X                   | : | -1.598 | -1.096 | -0.955 |
| MAXIMUM Y                   | : | .530   | .586   | .551   |
| MINIMUM Y                   | : | -.810  | -.752  | -.789  |
| CENTROID X                  | : | .351   | .528   | .387   |
| CENTROID Y                  | : | .401   | .340   | .380   |
| POA TO CENTROID in.         | : | .533   | .630   | .542   |
| MIN RADIUS                  | : | .290   | .269   | .282   |
| MEAN RADIUS                 | : | .897   | .796   | .741   |
| MAX RADIUS                  | : | 1.681  | 1.244  | 1.217  |
| HORIZONTAL SPREAD           | : | 2.905  | 2.226  | 2.137  |
| VERTICAL SPREAD             | : | 1.340  | 1.340  | 1.340  |
| EXTREME SPREAD              | : | 3.034  | 2.37   | 2.153  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |