

C6349120

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.

*Remington*

*Smith*  
*Smith*

Serial Number: C6349120

Model: M24 SWS

RE00085653

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349120.\_\_0  
FILE DATE AND TIME: 11/01/2004 11:53

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

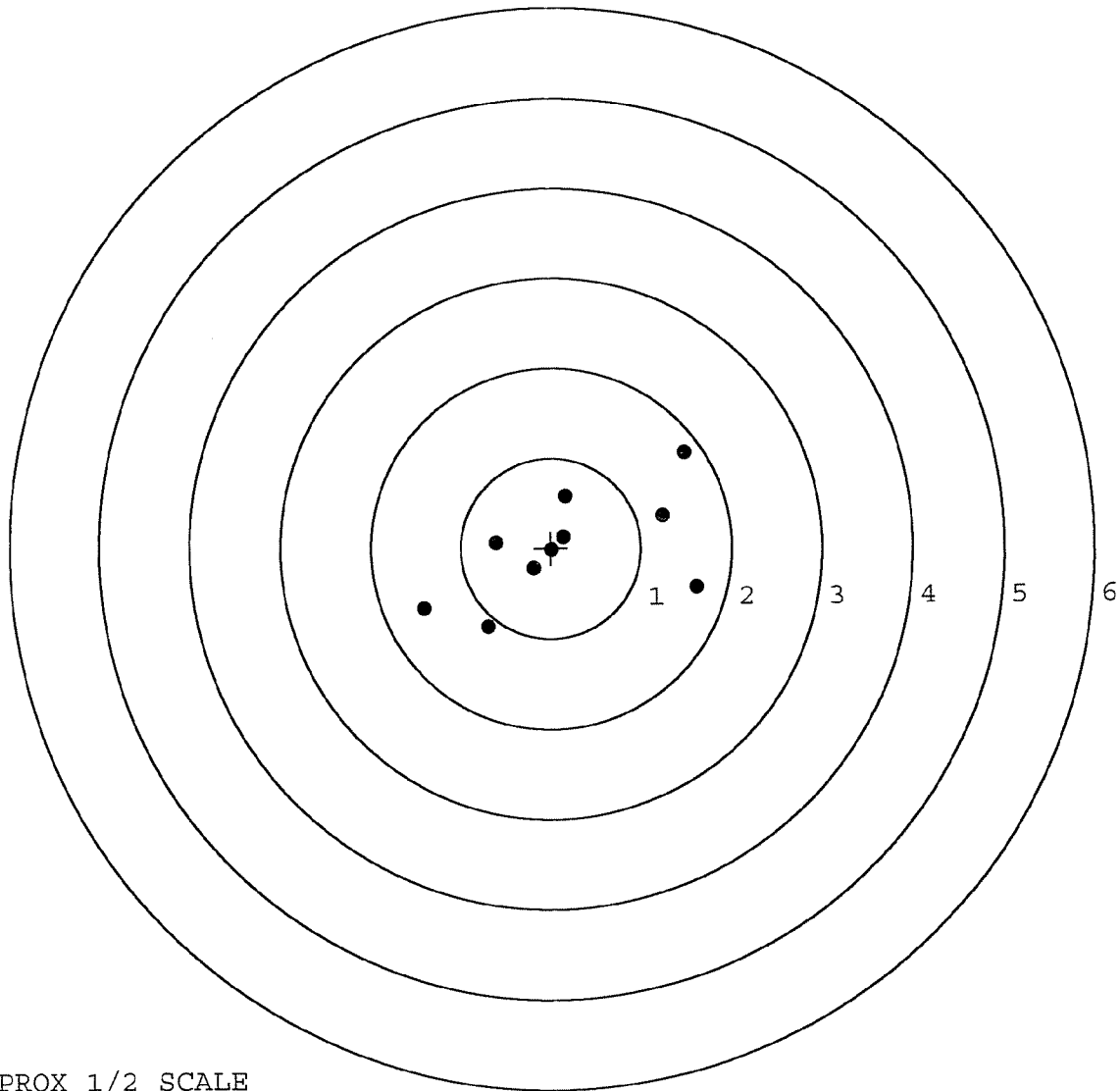
|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.083  |
| The Average Y Centroid of the Five Target Set:              | -0.023 |
| The Average Point of Impact of the Five Target Set:         | 0.086  |
| The Average Mean Radius of the Five Target Set:             | 0.820  |
| The Distance from POA to Centroid Target #1:                | 0.172  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.221  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.247  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.057  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.021  |

SERIAL NUMBER: C6349120. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 11/01/2004  
FILE TIME: 11:53

X CENTROID: 0.172  
Y CENTROID: -0.007  
POA TO CENTROID: 0.172  
HORZ SPREAD: 3.029  
VERT SPREAD: 1.920  
GROUP SPREAD: 3.369  
MIN RADIUS: 0.134  
MAX RADIUS: 1.721  
MEAN RADIUS: 0.937

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.610  | -0.450 |
| 2:     | 1.240  | 0.347  |
| 3:     | 1.482  | 1.050  |
| 4:     | 0.170  | 0.579  |
| 5:     | -0.613 | 0.065  |
| 6:     | -0.706 | -0.870 |
| 7:     | -1.419 | -0.663 |
| 8:     | -0.197 | -0.229 |
| 9:     | 0.010  | -0.022 |
| 10:    | 0.142  | 0.124  |

# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 5  
# in 3 IN DIAMETER: 7

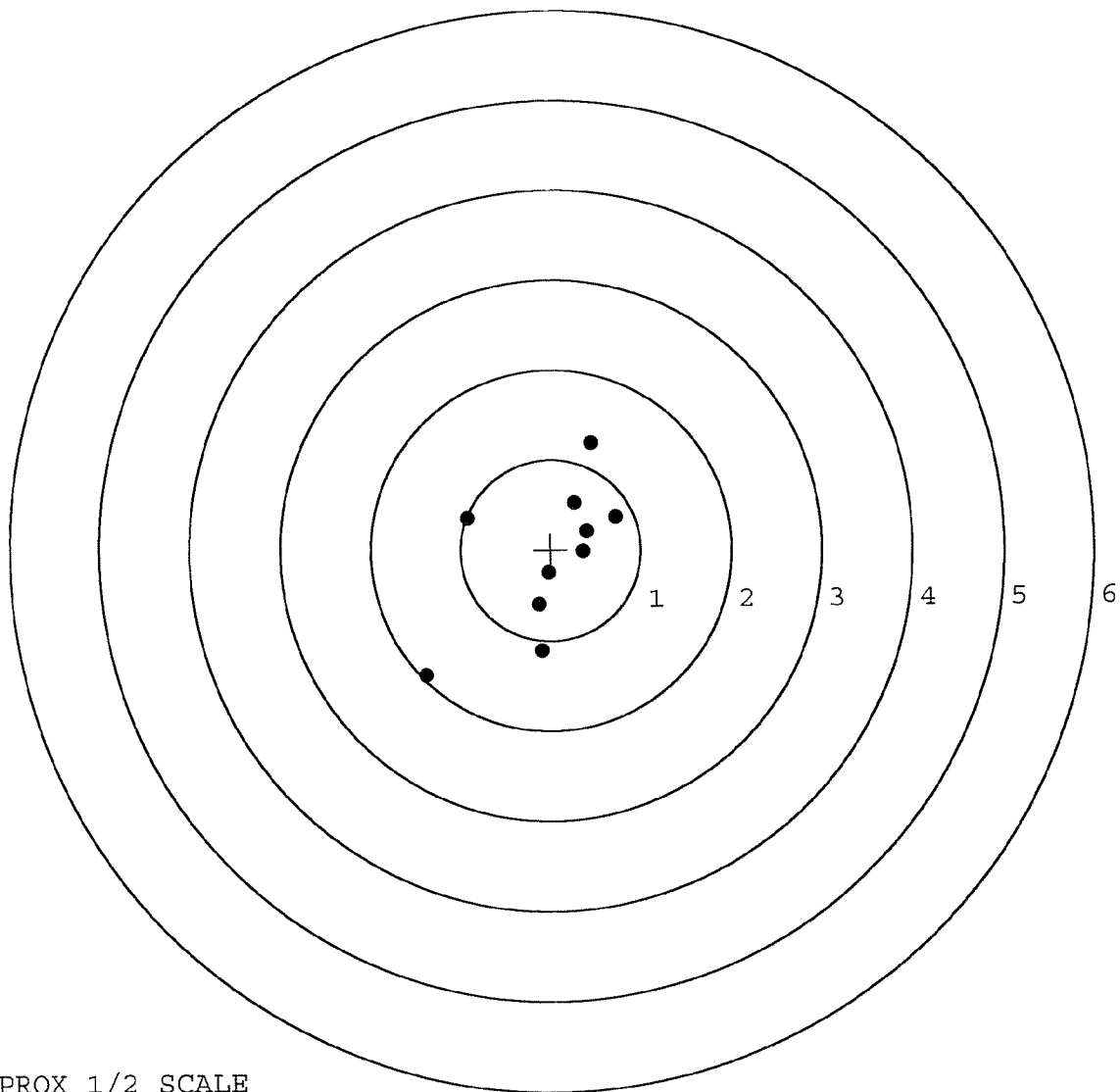


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349120. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 11/01/2004  
FILE TIME: 11:53

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.395 | -1.376 |
| 2:     | -0.923 | 0.354  |
| 3:     | 0.457  | 1.180  |
| 4:     | 0.721  | 0.354  |
| 5:     | 0.269  | 0.518  |
| 6:     | 0.400  | 0.204  |
| 7:     | 0.365  | -0.024 |
| 8:     | -0.027 | -0.257 |
| 9:     | -0.135 | -0.602 |
| 10:    | -0.108 | -1.116 |

X CENTROID: -0.038  
Y CENTROID: -0.076  
POA TO CENTROID: 0.085  
HORZ SPREAD: 2.116  
VERT SPREAD: 2.556  
GROUP SPREAD: 3.156  
MIN RADIUS: 0.181  
MAX RADIUS: 1.879  
MEAN RADIUS: 0.844  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 9

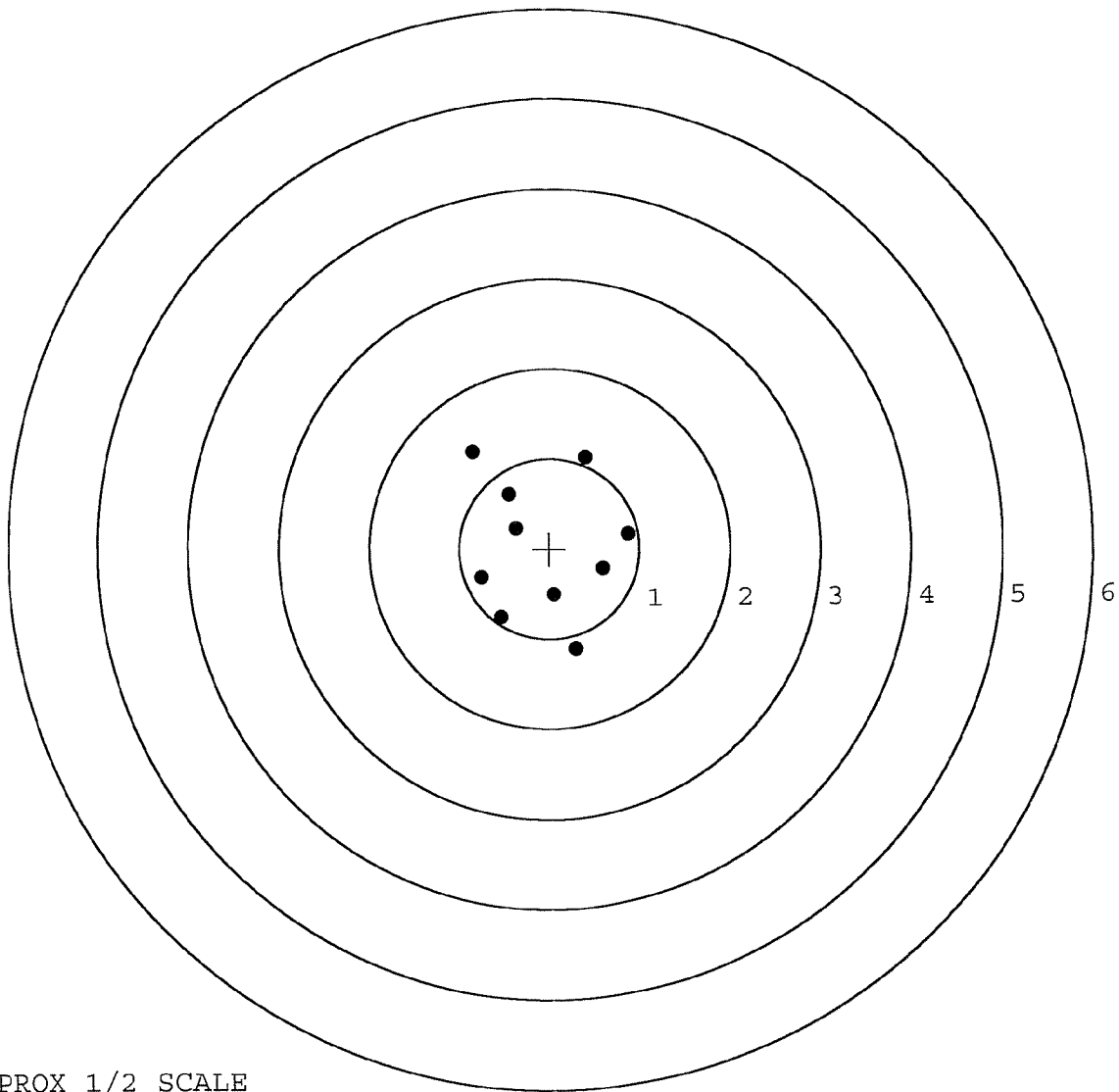


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349120.\_\_\_0  
TARGET NUMBER: 3  
FILE DATE: 11/01/2004  
FILE TIME: 11:53

X CENTROID: -0.074  
Y CENTROID: 0.018  
POA TO CENTROID: 0.077  
HORZ SPREAD: 1.716  
VERT SPREAD: 2.201  
GROUP SPREAD: 2.474  
MIN RADIUS: 0.366  
MAX RADIUS: 1.314  
MEAN RADIUS: 0.855  
# IN 1 IN DIAMETER: 1  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.287  | -1.116 |
| 2:     | 0.047  | -0.511 |
| 3:     | 0.597  | -0.222 |
| 4:     | 0.874  | 0.160  |
| 5:     | 0.411  | 1.008  |
| 6:     | -0.443 | 0.612  |
| 7:     | -0.373 | 0.230  |
| 8:     | -0.543 | -0.754 |
| 9:     | -0.758 | -0.308 |
| 10:    | -0.842 | 1.085  |

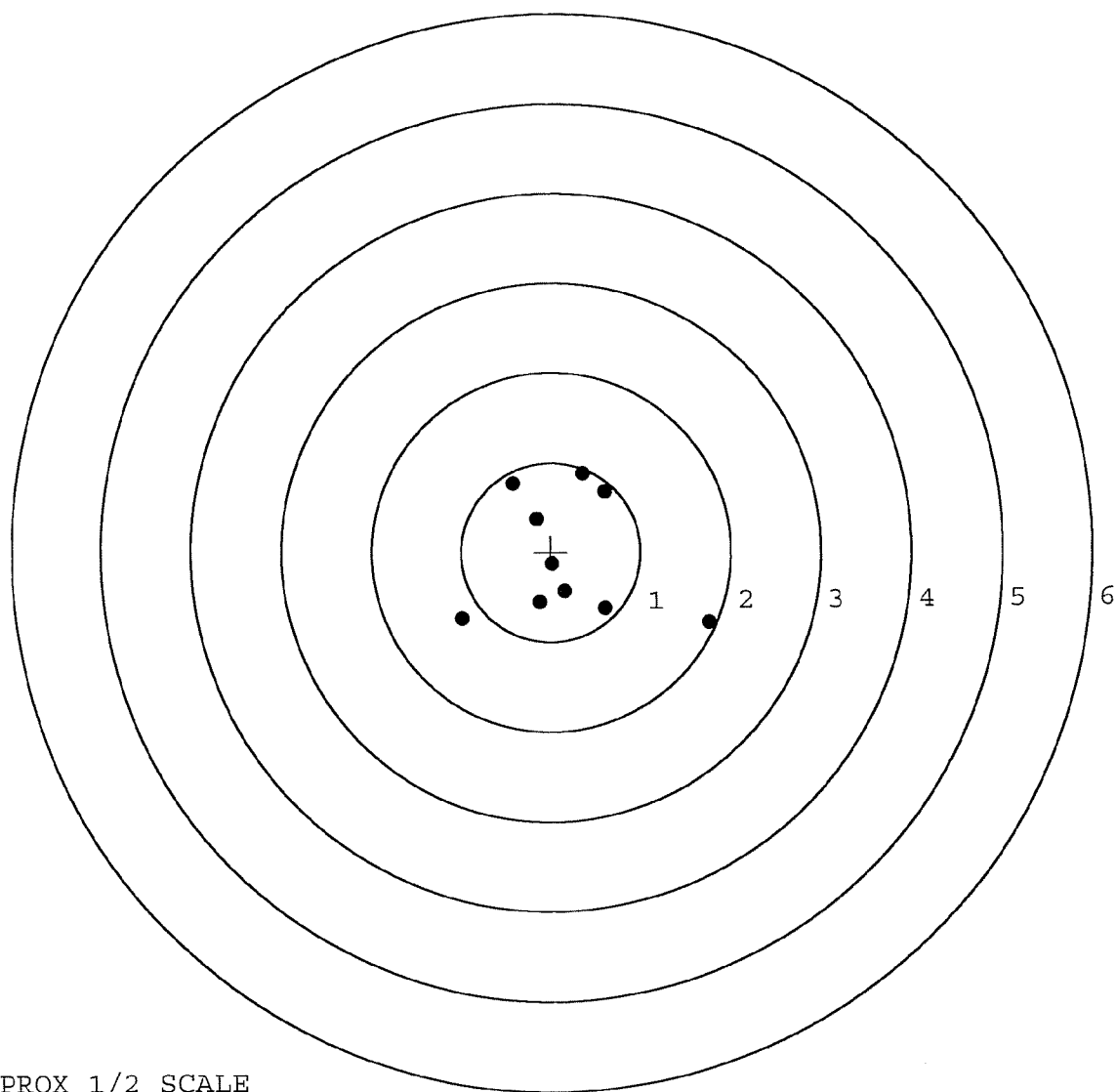


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349120.\_\_\_0  
TARGET NUMBER: 4  
FILE DATE: 11/01/2004  
FILE TIME: 11:53

X CENTROID: 0.180  
Y CENTROID: -0.063  
POA TO CENTROID: 0.191  
HORZ SPREAD: 2.752  
VERT SPREAD: 1.678  
GROUP SPREAD: 2.753  
MIN RADIUS: 0.177  
MAX RADIUS: 1.738  
MEAN RADIUS: 0.833  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.753  | -0.802 |
| 2:     | 0.612  | 0.668  |
| 3:     | 0.361  | 0.876  |
| 4:     | -0.419 | 0.767  |
| 5:     | -0.155 | 0.372  |
| 6:     | -0.999 | -0.737 |
| 7:     | 0.606  | -0.638 |
| 8:     | 0.018  | -0.134 |
| 9:     | 0.157  | -0.441 |
| 10:    | -0.131 | -0.563 |

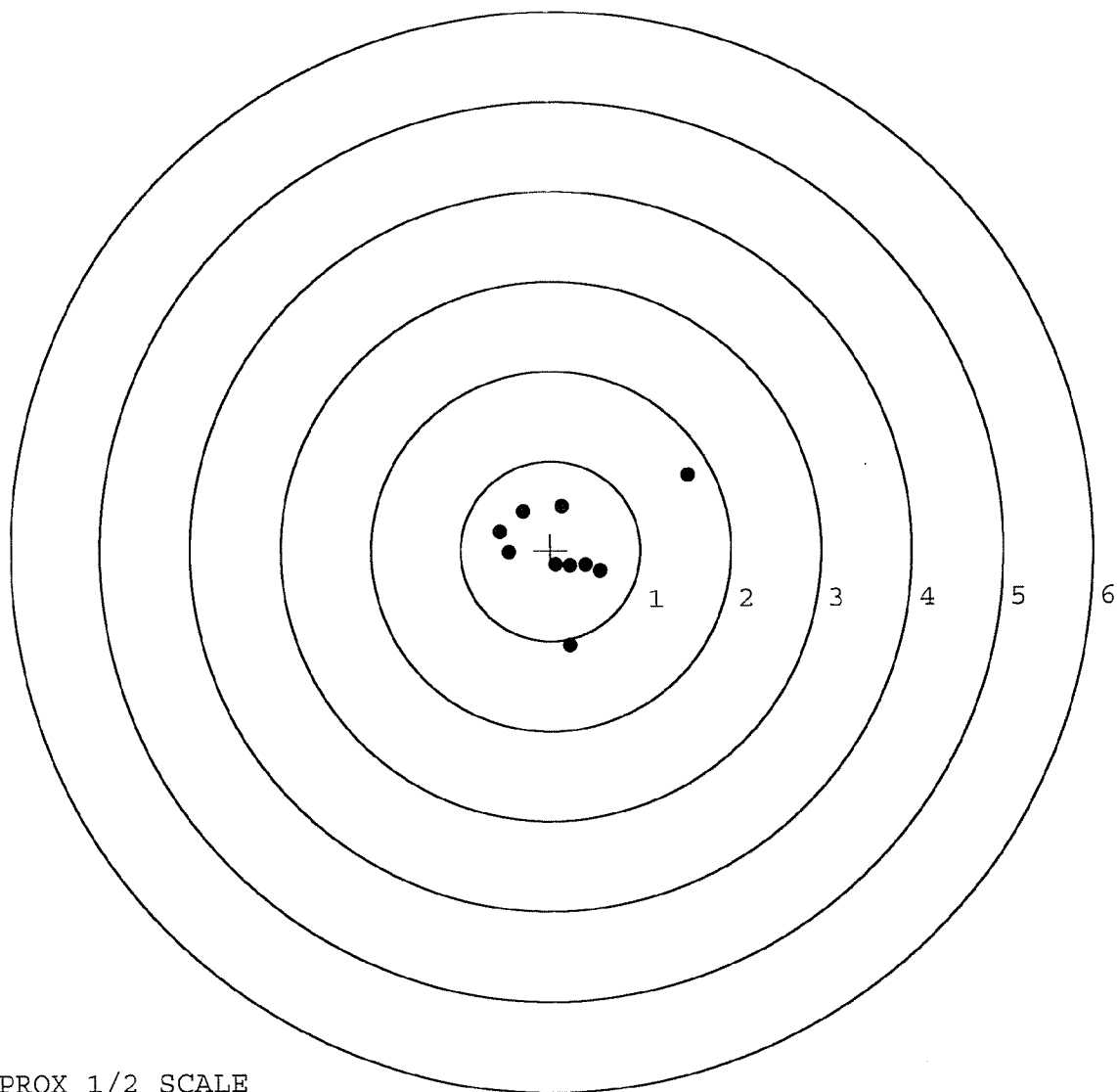


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349120. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 11/01/2004  
FILE TIME: 11:53

X CENTROID: 0.175  
Y CENTROID: 0.014  
POA TO CENTROID: 0.175  
HORZ SPREAD: 2.091  
VERT SPREAD: 1.889  
GROUP SPREAD: 2.303  
MIN RADIUS: 0.195  
MAX RADIUS: 1.581  
MEAN RADIUS: 0.632  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.528  | 0.832  |
| 2:     | 0.211  | -1.057 |
| 3:     | 0.131  | 0.493  |
| 4:     | -0.306 | 0.434  |
| 5:     | -0.563 | 0.207  |
| 6:     | -0.466 | -0.025 |
| 7:     | 0.054  | -0.165 |
| 8:     | 0.218  | -0.177 |
| 9:     | 0.392  | -0.169 |
| 10:    | 0.549  | -0.237 |



TARGET APPROX 1/2 SCALE



For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

DA FORM 2404, APR 79 Replaces edition of 1 Jan 64, which will be used USAPPC V1.10

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

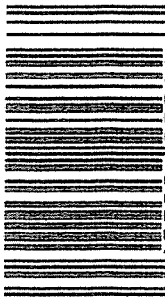
|                            |                    |                     |         |
|----------------------------|--------------------|---------------------|---------|
| R & E NUMBER               | 85633              |                     |         |
| SERIAL NUMBER              | C6349128           |                     |         |
| LOG-IN DATE                | 9-28-04            |                     |         |
| <b>INSPECT AND VERIFY:</b> |                    |                     |         |
| OPERATION #                | OPERATION NAME     | DATE                | INITIAL |
| 550                        | DIS-ASSEMBLE GUN   | 10-7-04             | RTL     |
| 560 A                      | RE-BARREL          | 10-8-04             | AC      |
| B                          | DRILL AND TAP      | 10-12-04            | TRW     |
| 575                        | ASSEMBLE           | 10-8-04             | RTL     |
| 600                        | PROOF              | 10-11-04            | K       |
| 605                        | CHECK HEADSPACE    | 10-12-04            | RTL     |
| 610                        | DIS-ASSEMBLE GUN   | 10-12-04            | RTL     |
| 612                        | MAGNAFLUX          | OPERATOR            |         |
| 615                        | ROLLMARK CALIBER   | 10/13/04            | CD      |
| 618                        | ROTO-BLAST         | 10/14/04            | LB      |
| 620                        | APPLY COATINGS     | 10/25/04            | HP      |
| 625 A                      | FINAL ASSEMBLY     | 10-28-04            | RTL     |
| B                          | TRIGGER PULL TEST  |                     |         |
| C                          | SAFETY "ON" FORCE  |                     |         |
| D                          | SAFETY "OFF" FORCE |                     |         |
| E                          | FIRING PIN INDENT  |                     |         |
| 640                        | TARGET             | 11-1-04             | TRW     |
| 655                        | FINAL INSPECT      | 11-3-04             |         |
| 660                        | PACK               | 11-4-04             | RA      |
|                            |                    | SHIP DATE           |         |
|                            |                    | QAR INSPECTION DATE |         |

|                                                                                                                                                                        |  |                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------|
|   |  | <p>VERY IMPORTANT:<br/>Instruction Book<br/>enclosed to assure<br/>safe use of this<br/>firearm.</p> |
| <p>MODEL 700™ M24</p>                                                                                                                                                  |  | <p>SERIAL NO.<br/>C6349120</p>                                                                       |
| <p>MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. &amp; Tm. Off. Marca Registrada Marque Deposee.</p>                                                                       |  | <p>ORDER NO.<br/>5716</p>                                                                            |



5716 C6349120

UPC



0 47700 125716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349120

| OP. #        | OP. NAME                                                       | READINGS | DATE    | INIT |
|--------------|----------------------------------------------------------------|----------|---------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 3 31     | 90      | RW   |
| 600          | Proof                                                          | 3 31     | 90      | RW   |
| 607          | Check Headspace                                                | 3 31     | 90      | RW   |
| 610          | Dis-assemble Gun                                               | 3 31     | 90      | RW   |
| 612          | Magnaflux Barrel<br>Action                                     | 4-2-90   |         | KCR  |
|              | Magnaflux Bolt                                                 | 4-2-90   |         | KCR  |
| 615          | Rollmark Caliber                                               | 4-2-90   |         | LS   |
| 617          | Drill and Tap Sight Holes                                      |          | 4/4/90  | LB   |
| 618          | Polish Barrel RB                                               |          | 4/5/90  | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 4-9-90  | JA   |
|              | Apply Coating (Bolt)                                           |          |         |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 4/18/90 | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 4/18/90 | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 4/18/90 | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 4/18/90 | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 5/1/90  | JA   |

| op. #        | OP. NAME                                                    | READINGS |      |      |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                          | 4        | 4    | 4    |      |      | 5/2/90  | RL   |
|              | G) Safety Off Force                                         | 3        | 3    | 3    |      |      | 5/2/90  | RL   |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |      |      | 5/1/90  | RL   |
|              | I) Firing Pin Indent                                        | .0205    | .021 | .021 |      |      | 5/2/90  | RL   |
|              | J) Assemble Stock                                           |          |      |      |      |      | 5/3/90  | RL   |
|              | K) Assemble Swivel Studs                                    |          |      |      |      |      | 5/8/90  | WB   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |      |      |      | 5/3/90  | RL   |
|              | M) Iron Sight Alignment                                     |          |      |      |      |      | 5/3/90  | RL   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |      |      |      | 5/3/90  | RL   |
|              | O) Attach Scope to Rifle                                    |          |      |      |      |      | 5/3/90  | RL   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |      |      |      | 5/3/90  | RL   |
| 640          | Gallery Target & Test                                       |          |      |      |      |      | 5-4-90  | DH   |
|              | A) Time                                                     |          |      |      |      |      | 5-4-90  | DH   |
|              | B) Malfunctions                                             |          |      |      |      |      | 5-4-90  | DH   |
|              | C) Pierced Primers                                          |          |      |      |      |      | 5-4-90  | DH   |
|              | D) Optical Clarity of Scope                                 |          |      |      |      |      | 5-4-90  | DH   |
| 645          | Inspect for Live Ammo                                       |          |      |      |      |      | 5-4-90  | DH   |
| 655          | Final Inspection                                            |          |      |      |      |      | 5/8/90  | WB   |
|              | A) Headspace                                                |          |      |      |      |      |         |      |
|              | B) Trigger Pull                                             | 2.34     | 2.33 | 2.32 | 2.31 | 2.32 | 5/7/90  | WB   |
|              | C) Function                                                 |          |      |      |      |      | 5/8/90  | WB   |
| 660          | Pack                                                        |          |      |      |      |      | 6/19/90 | DH   |

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6349120

DATE 5/1/90

TESTER JLL

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.52             | 2.38                     | 2.30                           | 2.34 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.41             | 2.45                     | 2.40                           | 2.33 |                                                                        |
| PULL #3 | 2.47             | 2.44                     | 2.43                           | 2.32 |                                                                        |
| PULL #4 | 2.48             | 2.47                     | 2.46                           | 2.31 |                                                                        |
| PULL #5 | 2.45             | 2.54                     | 2.45                           | 2.32 |                                                                        |
| TOTAL   | 12.33            | 12.48                    | 12.04                          |      |                                                                        |
| AVG.    | 2.466            | 2.496                    | 2.408                          |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.23             | 3.21                     |  |          |
| PULL #2 | 3.25             | 3.30                     |  |          |
| PULL #3 | 3.31             | 3.22                     |  |          |
| PULL #4 | 3.31             | 3.24                     |  |          |
| PULL #5 | 3.28             | 3.21                     |  |          |
| TOTAL   | 16.38            | 16.18                    |  |          |
| AVG.    | 3.276            | 3.236                    |  |          |

|         | 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             | 4.50                     |                                | 4.45                                 |
| PULL #2 | 4.36             | 4.45                     |                                | 4.38                                 |
| PULL #3 | 4.41             | 4.49                     |                                | 4.47                                 |
| PULL #4 | 4.36             | 4.50                     |                                | 4.44                                 |
| PULL #5 | 4.38             | 4.46                     |                                | 4.43                                 |
| TOTAL   | 22.00            | 22.40                    |                                | 22.27                                |
| AVG.    | 4.4              | 4.48                     |                                | 4.454                                |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6349120  
7 May 1990

CENTROIDAL DISTANCES

|      |   |           |
|------|---|-----------|
| 0 TO | 1 | .247421   |
| 1 TO | 2 | .178664   |
| 1 TO | 3 | .00984886 |
| 1 TO | 4 | .374386   |
| 1 TO | 5 | .226771   |

4.2 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1126  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0784  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .137205

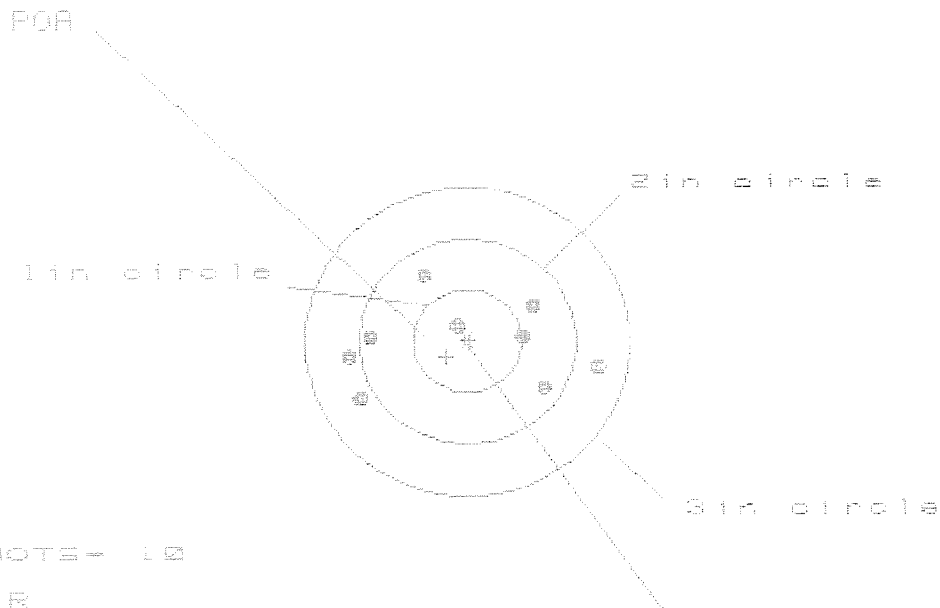
THE AMR FOR THIS RIFLE IS: .7572

7 May 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/Q6349120

# CENTERFIRE PATTERNS

# 1



# OF SHOTS = 10

# IN CIR

1 in = 2

2 in = 7

3 in = 10

100 = 2.200

VS = 1.206

GS = 2.387

CENTROID \*

|                               |   |        |        |        |
|-------------------------------|---|--------|--------|--------|
| PATTERN #                     | : | 1      |        |        |
| SHOTS (BEST OF)               | : | 10     | 9      | 8      |
| MAXIMUM X                     | : | 1.243  | .878   | .753   |
| MINIMUM X                     | : | -1.140 | -1.002 | -1.007 |
| MAXIMUM Y                     | : | .687   | .656   | .634   |
| MINIMUM Y                     | : | -.519  | -.550  | -.572  |
| CENTROID X                    | : | .196   | .058   | .183   |
| CENTROID Y                    | : | .151   | .182   | .204   |
| POA TO CENTROID (in.)         | : | .248   | .191   | .274   |
| MIN RADIUS                    | : | .189   | .117   | .142   |
| MEAN RADIUS                   | : | .794   | .740   | .683   |
| MAX RADIUS                    | : | 1.273  | 1.040  | 1.158  |
| HORIZONTAL SPREAD             | : | 2.383  | 1.880  | 1.760  |
| VERTICAL SPREAD               | : | 1.206  | 1.206  | 1.206  |
| EXTREME SPREAD                | : | 2.387  | 1.899  | 1.800  |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 7      |        |
| NUMBER IN THREE INCH CIRCLE = |   |        | 10     |        |

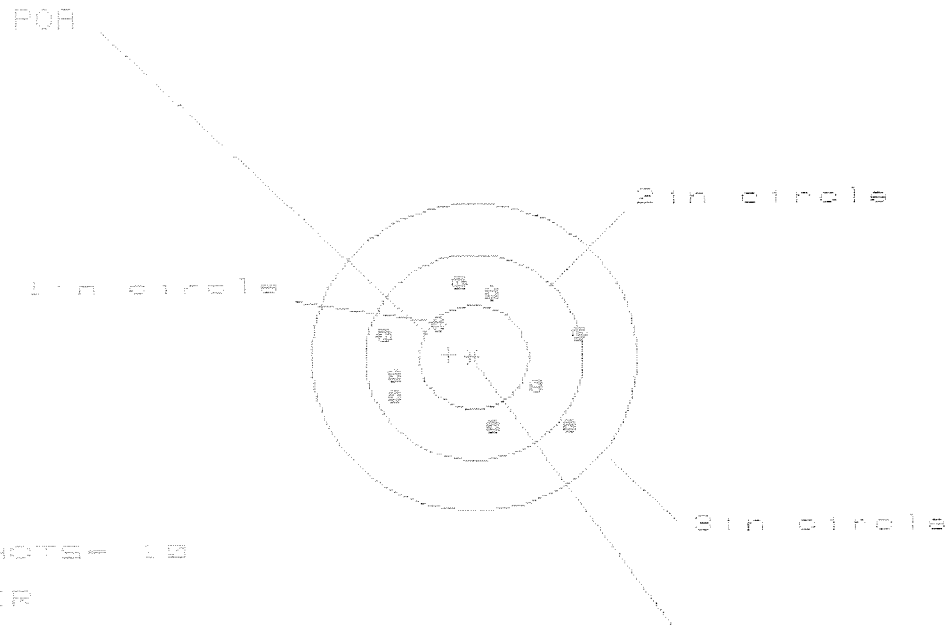


7 May 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/06349120

# CENTERFIRE PATTERNS

# 2



# OF SHOTS- 10

# IN CIR

1 in = 1

2 in = 9

3 in = 10

HS= 1.758

VS= 1.458

GS= 1.918

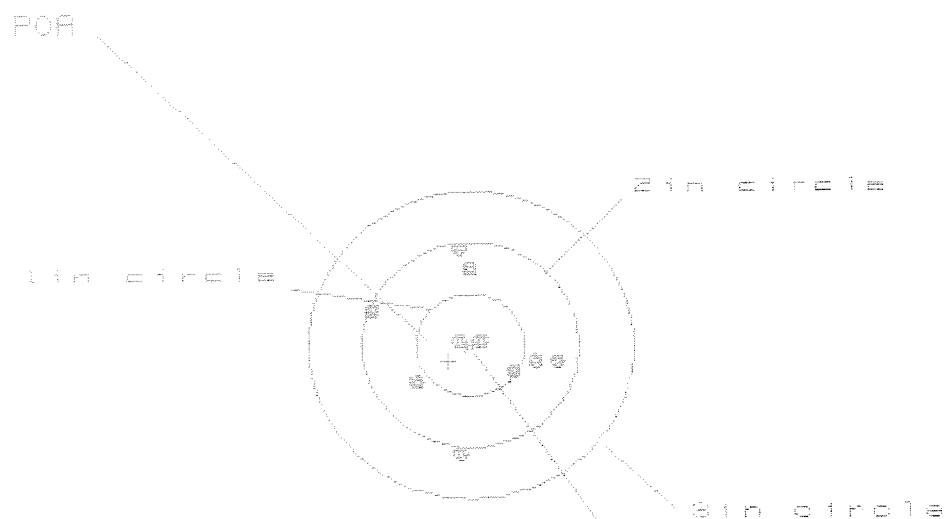
CENTROID \*

|                             |   |       |       |       |
|-----------------------------|---|-------|-------|-------|
| PATTERN #                   | : | 2     |       |       |
| SHOTS (BEST OF)             | : | 10    | 9     | 8     |
| MAXIMUM X                   | : | .924  | 1.016 | .833  |
| MINIMUM X                   | : | -.834 | -.742 | -.615 |
| MAXIMUM Y                   | : | .740  | .661  | .677  |
| MINIMUM Y                   | : | -.718 | -.740 | -.724 |
| CENTROID X                  | : | .232  | .140  | .013  |
| CENTROID Y                  | : | -.024 | .056  | .040  |
| POR TO CENTROID in.         | : | .233  | .151  | .042  |
| MIN RADIUS                  | : | .476  | .365  | .300  |
| MEAN RADIUS                 | : | .770  | .716  | .657  |
| MAX RADIUS                  | : | 1.094 | 1.024 | .902  |
| HORIZONTAL SPREAD           | : | 1.758 | 1.758 | 1.448 |
| VERTICAL SPREAD             | : | 1.458 | 1.401 | 1.401 |
| EXTREME SPREAD              | : | 1.918 | 1.758 | 1.540 |
| NUMBER IN ONE INCH CIRCLE   | = |       | 1     |       |
| NUMBER IN TWO INCH CIRCLE   | = |       | 9     |       |
| NUMBER IN THREE INCH CIRCLE | = |       | 10    |       |

7 May 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/06345120

# CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 8

3 in = 10

HS= 1.676

VS= 2.069

CS= 2.069

CENTROID \*

PATTERN #

3

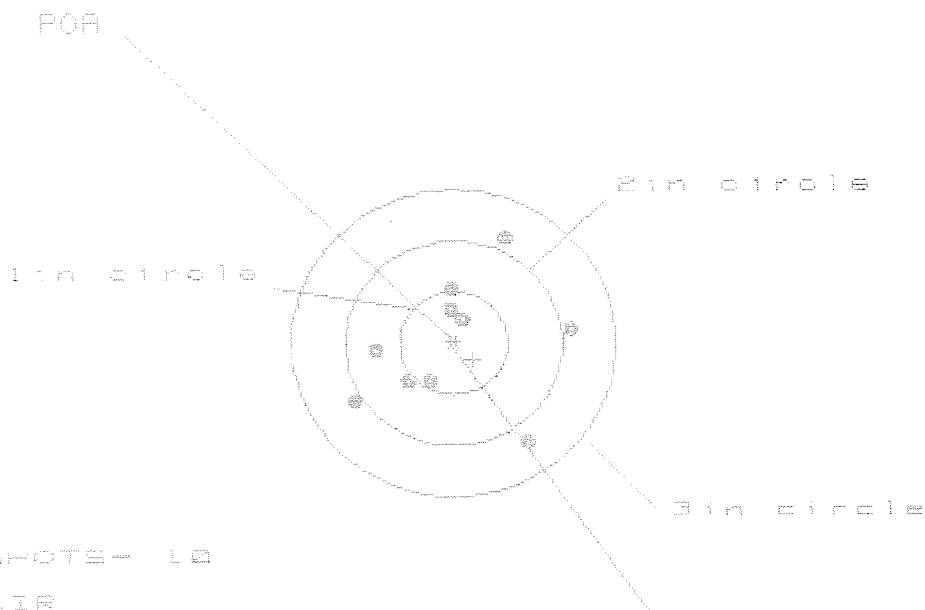
|                             |   |        |       |       |
|-----------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | .771   | .755  | .740  |
| MINIMUM X                   | : | -.905  | -.921 | -.938 |
| MAXIMUM Y                   | : | .984   | .863  | .685  |
| MINIMUM Y                   | : | -1.085 | -.459 | -.351 |
| CENTROID X                  | : | .205   | .221  | .236  |
| CENTROID Y                  | : | .155   | .276  | .169  |
| POR TO CENTROID in.         | : | .257   | .353  | .290  |
| MIN RADIUS                  | : | .065   | .123  | .034  |
| MEAN RADIUS                 | : | .648   | .604  | .545  |
| MAX RADIUS                  | : | 1.095  | .947  | .992  |
| HORIZONTAL SPREAD           | : | 1.676  | 1.676 | 1.676 |
| VERTICAL SPREAD             | : | 2.069  | 1.322 | 1.036 |
| EXTREME SPREAD              | : | 2.069  | 1.744 | 1.744 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 9     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10    |       |

7 May 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/06345120

# CENTERFIRE PATTERNS

# 4



# OF SHOTS- 10

# IN CIR

1 in = 3

2 in = 6

3 in = 10

HE= 1.978

VB= 1.976

CE= 2.112

CENTROID \*

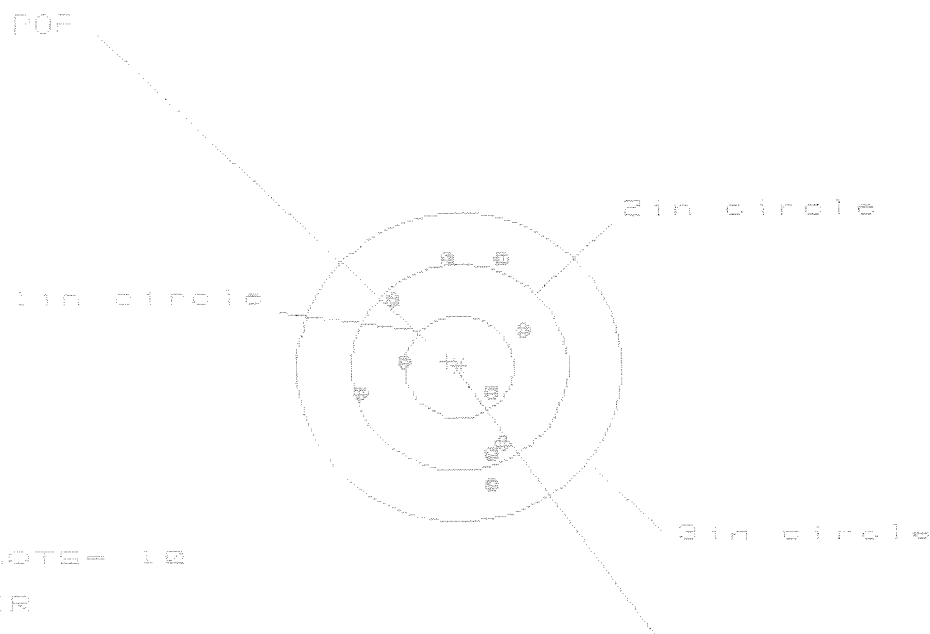
|                             |   |       |       |       |
|-----------------------------|---|-------|-------|-------|
| PATTERN #                   | : | 4     |       |       |
| SHOTS (BEST OF)             | : | 10    | 9     | 8     |
| MAXIMUM X                   | : | 1.053 | 1.132 | 1.201 |
| MINIMUM X                   | : | -.926 | -.847 | -.778 |
| MAXIMUM Y                   | : | 1.022 | .916  | .532  |
| MINIMUM Y                   | : | -.954 | -.662 | -.547 |
| CENTROID X                  | : | -.176 | -.257 | -.326 |
| CENTROID Y                  | : | .168  | .274  | .159  |
| POA TO CENTROID in.         | : | .245  | .375  | .363  |
| MIN RADIUS                  | : | .203  | .170  | .294  |
| MEAN RADIUS                 | : | .721  | .646  | .592  |
| MAX RADIUS                  | : | 1.187 | 1.133 | 1.213 |
| HORIZONTAL SPREAD           | : | 1.979 | 1.979 | 1.979 |
| VERTICAL SPREAD             | : | 1.976 | 1.578 | 1.879 |
| EXTREME SPREAD              | : | 2.112 | 2.112 | 2.105 |
| NUMBER IN ONE INCH CIRCLE   | = |       | 3     |       |
| NUMBER IN TWO INCH CIRCLE   | = |       | 6     |       |
| NUMBER IN THREE INCH CIRCLE | = |       | 10    |       |

7 May 1938

FILE:/PATTERNING/CENTERFIRE\_PATT/06349120

# CENTERFIRE PATTERNS

# 5



# OF SHOTS = 10

# IN CIR

1in = 2

2in = 7

3in = 10

MS = 1.480

VS = 2.238

GS = 2.265

CENTROID \*

PATTERN #

5

|                               |   |        |       |       |
|-------------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)               | : | 10     | 9     | 8     |
| MAXIMUM X                     | : | .845   | .579  | .564  |
| MINIMUM X                     | : | -.934  | -.901 | -.916 |
| MAXIMUM Y                     | : | 1.100  | .973  | 1.017 |
| MINIMUM Y                     | : | -1.138 | -.935 | -.813 |
| CENTROID X                    | : | .108   | .075  | .090  |
| CENTROID Y                    | : | -.058  | .069  | -.053 |
| POI TO CENTROID in.           | : | .123   | .102  | .104  |
| MIN RADIUS                    | : | .391   | .467  | .409  |
| MEAN RADIUS                   | : | .853   | .815  | .781  |
| MAX RADIUS                    | : | 1.179  | .992  | 1.093 |
| HORIZONTAL SPREAD             | : | 1.480  | 1.480 | 1.480 |
| VERTICAL SPREAD               | : | 2.238  | 1.908 | 1.830 |
| EXTREME SPREAD                | : | 2.285  | 1.954 | 1.860 |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 2     |       |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 7     |       |
| NUMBER IN THREE INCH CIRCLE = |   |        | 10    |       |