

C6498728

MODEL 700™ N24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.

*Remington*

M2400006611

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

*Shield*®  
No. 2-152-SL

Remington®



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

MODEL 700™ M24

SERIAL NO.

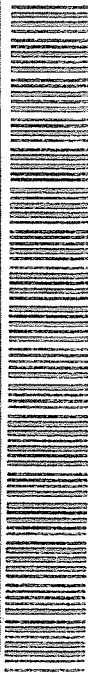
C6498728

ORDER NO.

5716

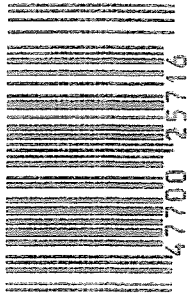
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6498728

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6498728

| OP. #        | OP. NAME                                                       | READINGS | DATE    | INIT |
|--------------|----------------------------------------------------------------|----------|---------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 4 12     | 90      | RW   |
| 600          | Proof                                                          | 4 12     | 90      | A    |
| 607          | Check Headspace                                                | 4 12     | 90      | A    |
| 610          | Dis-assemble Gun                                               | 4 12     |         | RW   |
| 612          | Magnaflux Barrel<br>Action                                     | 4-19-90  |         | KCR  |
|              | Magnaflux Bolt                                                 | 4-19-90  |         | KCR  |
| 615          | Rollmark Caliber                                               | 4-19-90  |         | GL   |
| 617          | Drill and Tap Sight Holes                                      |          | 4/23/90 | FB   |
| 618          | Polish Barrel RB                                               |          | 4/24/90 | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 4/23/90 | JH   |
|              | Apply Coating (Bolt)                                           |          |         |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 5/1/90  | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 5/1/90  | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 5/1/90  | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 5/1/90  | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 5-19-90 | DH   |

| op. #        | OP. NAME                                                    | READINGS |       |       |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------|----------|-------|-------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                          | 5 1/2    | 5 1/2 | 5 1/4 |      |      | 5/19/90 | W.B. |
|              | G) Safety Off Force                                         | 2 1/2    | 2 1/2 | 2 1/4 |      |      | 5/19/90 | W.B. |
|              | H) Trigger Pull Test & Retainability                        |          |       |       |      |      | 5-19-90 | DH   |
|              | I) Firing Pin Indent                                        | .023     | .0235 | .023  |      |      | 5/19/90 | W.B. |
|              | J) Assemble Stock                                           |          |       |       |      |      | 5/19/90 | RW   |
|              | K) Assemble Swivel Studs                                    |          |       |       |      |      | 6/13/90 | JH   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |       |       |      |      | 5/19/90 | RW   |
|              | M) Iron Sight Alignment                                     |          |       |       |      |      | 5/19/90 | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |       |       |      |      | 5/19/90 | RW   |
|              | O) Attach Scope to Rifle                                    |          |       |       |      |      | 5/19/90 | RW   |
|              | P) Detach & Attach Scope 20 Times                           |          |       |       |      |      | 5/19/90 | RW   |
| 640          | Gallery Target & Test                                       |          |       |       |      |      | 5-19-90 | DH   |
|              | A) Time                                                     |          |       |       |      |      | 5-19-90 | DH   |
|              | B) Malfunctions                                             |          |       |       |      |      | 5-19-90 | DH   |
|              | C) Pierced Primers                                          |          |       |       |      |      | 5-19-90 | DH   |
|              | D) Optical Clarity of Scope                                 |          |       |       |      |      | 5-19-90 | DH   |
| 645          | Inspect for Live Ammo                                       |          |       |       |      |      | 5-19-90 | DH   |
| 655          | Final Inspection                                            |          |       |       |      |      |         |      |
|              | A) Headspace                                                |          |       |       |      |      | 6/13/90 | JH   |
|              | B) Trigger Pull                                             | 2.71     | 2.63  | 2.71  | 2.59 | 2.72 | 6/13/90 | G.S. |
|              | C) Function                                                 |          |       |       |      |      | 6/13/90 | JH   |
| 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. 06498728

DATE 5-19-90

TESTER DH

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.45             | 2.36                     | 2.50                           | 2.71 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.52             | 2.34                     | 2.50                           | 2.63 |                                                                        |
| PULL #3 | 2.56             | 2.36                     | 2.55                           | 2.71 |                                                                        |
| PULL #4 | 2.50             | 2.31                     | 2.53                           | 2.59 |                                                                        |
| PULL #5 | 2.52             | 2.32                     | 2.58                           | 2.72 |                                                                        |
| TOTAL   | 12.55            | 11.69                    | 12.66                          |      |                                                                        |
| AVG.    | 2.51             | 2.33                     | 2.53                           |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.04             | 3.03                     |  |          |
| PULL #2 | 3.05             | 3.08                     |  |          |
| PULL #3 | 3.04             | 3.07                     |  |          |
| PULL #4 | 2.99             | 3.07                     |  |          |
| PULL #5 | 3.07             | 3.04                     |  |          |
| TOTAL   | 15.19            | 15.29                    |  |          |
| AVG.    | 3.03             | 3.05                     |  |          |

|         | 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 | 4.04             | 4.12                     |                                | 4.01                                 |
| PULL #2 | 4.07             | 4.14                     |                                | 4.15                                 |
| PULL #3 | 4.06             | 4.13                     |                                | 4.18                                 |
| PULL #4 | 4.02             | 4.20                     |                                | 4.14                                 |
| PULL #5 | 4.03             | 4.05                     |                                | 4.02                                 |
| TOTAL   | 20.22            | 20.64                    |                                | 20.50                                |
| AVG.    | 4.04             | 4.12                     |                                | 4.10                                 |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6498728  
21 May 1998

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .298918 |
| 1 TO | 2 | .228569 |
| 1 TO | 3 | .359089 |
| 1 TO | 4 | .190086 |
| 1 TO | 5 | .447636 |

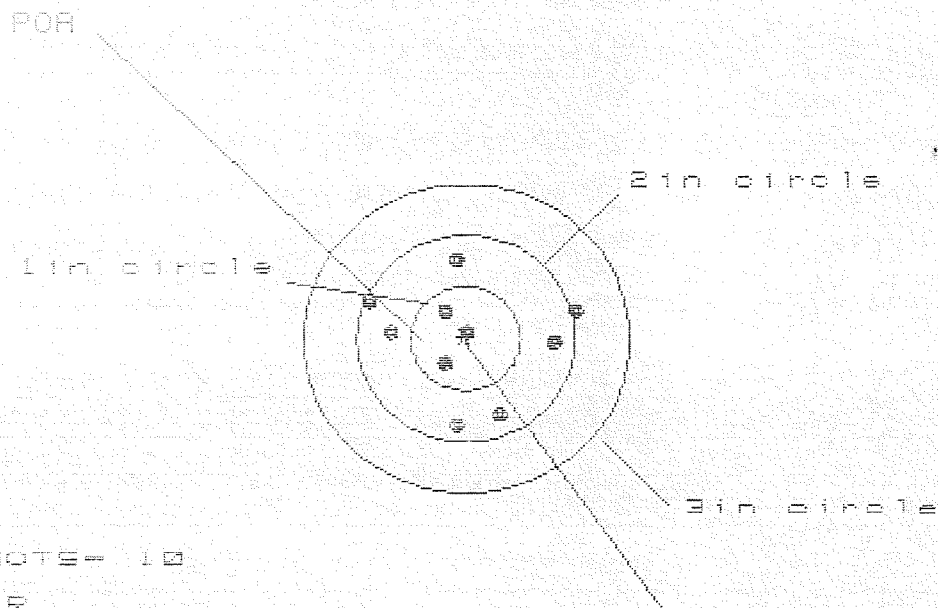
$\frac{\sum x_i}{n}$  <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3412  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2816  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .442398  
THE AMR FOR THIS RIFLE IS: .7882

21 May 1998

FILE: PATTERNING/CENTERFIRE\_PATT/CG498728

# CENTERFIRE PATTERNS # 1



# OF SHOTS= 10

# IN CIR

1in = 3

2in = 9

3in = 10

HS= 1.958

VS= 1.516

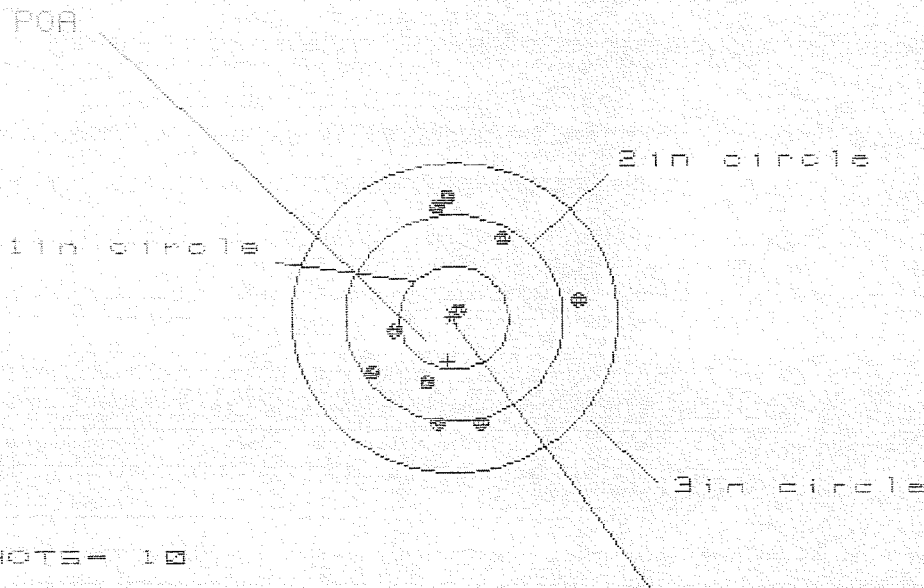
GS= 1.961

|                             |   |       |       |       |
|-----------------------------|---|-------|-------|-------|
| PATTERN #                   | : | 1     |       |       |
| SHOTS (BEST OF)             | : | 10    | 9     | 8     |
| MAXIMUM X                   | : | 1.047 | .930  | .831  |
| MINIMUM X                   | : | -.911 | -.795 | -.650 |
| MAXIMUM Y                   | : | .730  | .761  | .813  |
| MINIMUM Y                   | : | -.786 | -.755 | -.703 |
| CENTROID X                  | : | .186  | .070  | .169  |
| CENTROID Y                  | : | .234  | .203  | .151  |
| POB TO CENTROID in.         | : | .299  | .215  | .227  |
| MIN RADIUS                  | : | .085  | .194  | .166  |
| MEAN RADIUS                 | : | .663  | .607  | .571  |
| MAX RADIUS                  | : | 1.083 | .930  | .832  |
| HORIZONTAL SPREAD           | : | 1.958 | 1.725 | 1.481 |
| VERTICAL SPREAD             | : | 1.516 | 1.516 | 1.516 |
| EXTREME SPREAD              | : | 1.961 | 1.778 | 1.525 |
| NUMBER IN ONE INCH CIRCLE   | = |       | 3     |       |
| NUMBER IN TWO INCH CIRCLE   | = |       | 9     |       |
| NUMBER IN THREE INCH CIRCLE | = |       | 10    |       |

21 May 1993

FILE:/PATTERNING/CENTERFIRE\_PATT/C849B728

# CENTERFIRE PATTERNS # 2



# OF SHOTS= 10

# IN CIR

1in = 1

2in = 5

3in = 10

HS= 1.025

VS= 2.156

GS= 2.177

CENTROID #

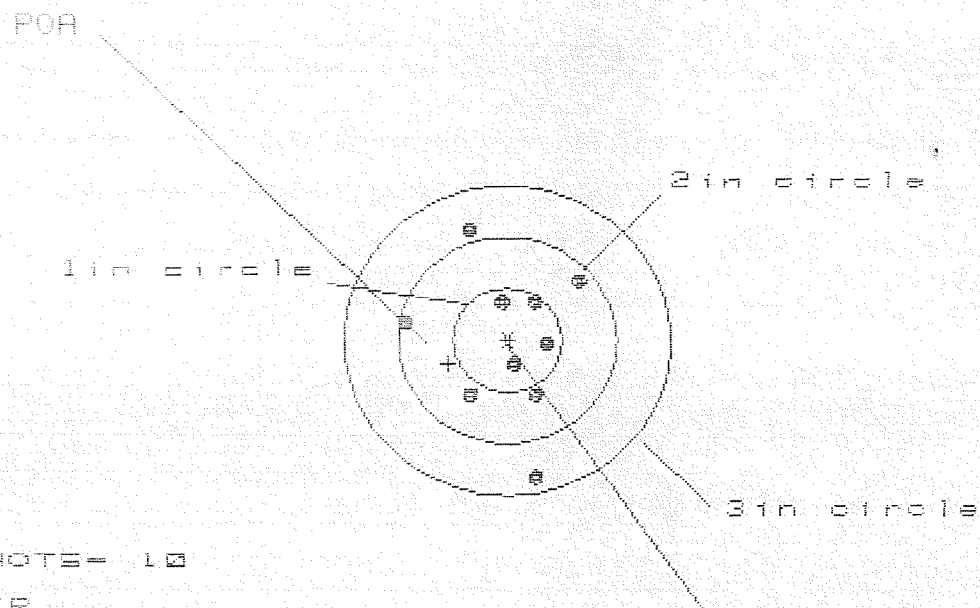
|                               |   |        |       |       |
|-------------------------------|---|--------|-------|-------|
| PATTERN #                     | : | 2      |       |       |
| SHOTS (BEST OF)               | : | 10     | 9     | 8     |
| MAXIMUM X                     | : | 1.095  | 1.090 | 1.065 |
| MINIMUM X                     | : | -.730  | -.735 | -.760 |
| MAXIMUM Y                     | : | 1.153  | 1.251 | 1.019 |
| MINIMUM Y                     | : | -1.003 | -.875 | -.719 |
| CENTROID X                    | : | .056   | .061  | .086  |
| CENTROID Y                    | : | .422   | .294  | .138  |
| POA TO CENTROID in.           | : | .426   | .300  | .162  |
| MIN RADIUS                    | : | .098   | .181  | .321  |
| MEAN RADIUS                   | : | .844   | .798  | .726  |
| MAX RADIUS                    | : | 1.154  | 1.266 | 1.163 |
| HORIZONTAL SPREAD             | : | 1.825  | 1.825 | 1.825 |
| VERTICAL SPREAD               | : | 2.156  | 2.126 | 1.738 |
| EXTREME SPREAD                | : | 2.177  | 2.172 | 1.940 |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 1     |       |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 5     |       |
| NUMBER IN THREE INCH CIRCLE = |   |        | 10    |       |



21 May 1999

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# CENTERFIRE PATTERNS # 3



# OF SHOTS= 10

# IN CIR

1in = 4

2in = 8

3in = 10

HS= 1.558

VS= 2.441

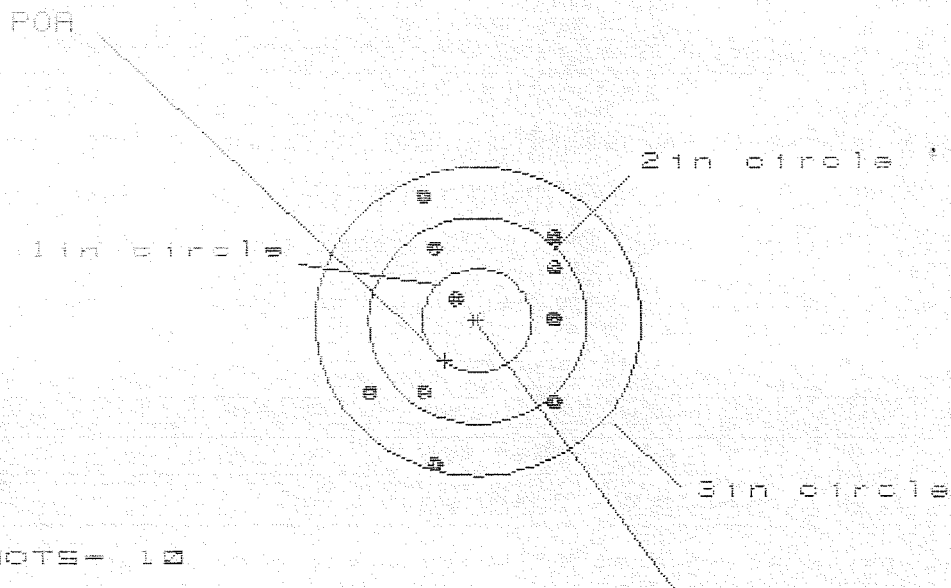
GS= 2.501

|                               |   |        |       |       |
|-------------------------------|---|--------|-------|-------|
| PATTERN #                     | : | 3      |       |       |
| SHOTS (BEST OF)               | : | 10     | 9     | 8     |
| MAXIMUM X                     | : | .612   | .638  | .601  |
| MINIMUM X                     | : | -.946  | -.920 | -.957 |
| MAXIMUM Y                     | : | 1.119  | .972  | .507  |
| MINIMUM Y                     | : | -1.322 | -.662 | -.541 |
| CENTROID X                    | : | .545   | .519  | .556  |
| CENTROID Y                    | : | .226   | .373  | .252  |
| POA TO CENTROID in.           | : | .590   | .640  | .610  |
| MIN RADIUS                    | : | .209   | .203  | .234  |
| MEAN RADIUS                   | : | .684   | .604  | .540  |
| MAX RADIUS                    | : | 1.342  | 1.015 | .963  |
| HORIZONTAL SPREAD             | : | 1.558  | 1.558 | 1.558 |
| VERTICAL SPREAD               | : | 2.441  | 1.634 | 1.048 |
| EXTREME SPREAD                | : | 2.501  | 1.736 | 1.608 |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 4     |       |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 8     |       |
| NUMBER IN THREE INCH CIRCLE = |   |        | 10    |       |

27 May 1998

FILE: PATTERNING/CENTERFIRE\_PATT/CG49B728

# CENTERFIRE PATTERNS # 4



# OF SHOTS= 10

# IN CIR

1in = 1

2in = 5

3in = 10

HE= 1.717

VS= 2.577

GS= 2.577

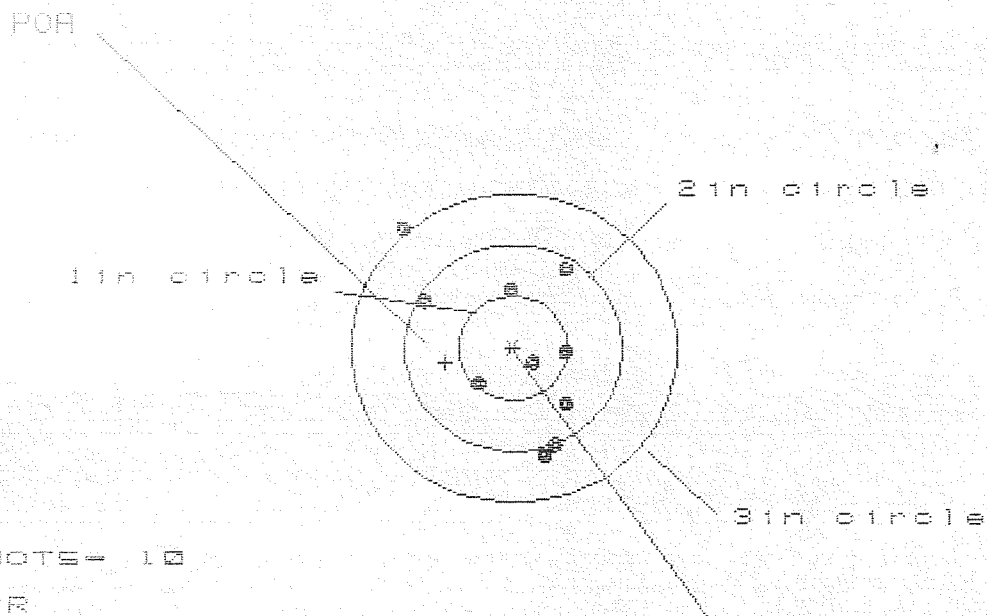
CENTROID \*

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 4      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | .740   | .694   | .631   |
| MINIMUM X                   | : | -.977  | -1.023 | -1.086 |
| MAXIMUM Y                   | : | 1.193  | 1.039  | .787   |
| MINIMUM Y                   | : | -1.384 | -.907  | -.777  |
| CENTROID X                  | : | .296   | .342   | .405   |
| CENTROID Y                  | : | .389   | .543   | .413   |
| POR TO CENTROID in.         | : | .489   | .641   | .578   |
| MIN RADIUS                  | : | .276   | .215   | .334   |
| MEAN RADIUS                 | : | .963   | .886   | .855   |
| MAX RADIUS                  | : | 1.444  | 1.298  | 1.275  |
| HORIZONTAL SPREAD           | : | 1.717  | 1.717  | 1.717  |
| VERTICAL SPREAD             | : | 2.577  | 1.946  | 1.564  |
| EXTREME SPREAD              | : | 2.577  | 2.268  | 2.232  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |        |

21 May 1998

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# CENTERFIRE PATTERNS # 5



# OF SHOTS= 10

# IN CIR

1in = 3

2in = 7

3in = 9

HS= 1.452

VS= 2.156

GS= 2.510

CENTROID \*

|                             |   |        |       |       |
|-----------------------------|---|--------|-------|-------|
| PATTERN #                   | : | 5      |       |       |
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | .461   | .351  | .374  |
| MINIMUM X                   | : | -.991  | -.966 | -.943 |
| MAXIMUM Y                   | : | 1.129  | .916  | .803  |
| MINIMUM Y                   | : | -1.027 | -.902 | -.911 |
| CENTROID X                  | : | .623   | .733  | .710  |
| CENTROID Y                  | : | .137   | .012  | .125  |
| POA TO CENTROID in.         | : | .638   | .733  | .721  |
| MIN RADIUS                  | : | .198   | .047  | .129  |
| MEAN RADIUS                 | : | .787   | .672  | .647  |
| MAX RADIUS                  | : | 1.502  | 1.148 | 1.071 |
| HORIZONTAL SPREAD           | : | 1.452  | 1.317 | 1.317 |
| VERTICAL SPREAD             | : | 2.156  | 1.818 | 1.714 |
| EXTREME SPREAD              | : | 2.510  | 1.908 | 1.903 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9     |       |