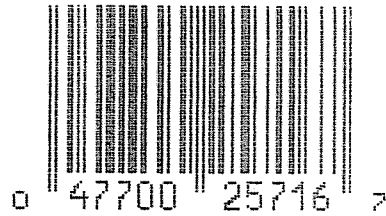


FORN

UPC



06665780

INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

CAPACITY\*

# Remington



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

MODEL 700 <sup>TM</sup> M24

SERIAL NO.

C6665780

ORDER NO.

5716

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

20



5716 C6665780

ORDER 5716

MODEL 700 <sup>TM</sup> M24

UPC

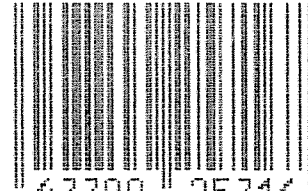
ORDER 5716

MODEL 700 <sup>TM</sup> M24

UPC



0 47700 25716 7



0 47700 25716 7

**GFM**

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

**C6665780**

| OP. #        | OP. NAME                                                       | READINGS | DATE        | INIT |
|--------------|----------------------------------------------------------------|----------|-------------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   |          | 9/24/91     | YH   |
| 600          | Proof                                                          |          | 9/24/91     | YH   |
| 607          | Check Headspace                                                |          | 9/24/91     | YH   |
| 610          | Dis-assemble Gun                                               |          | 9/24/91     | YH   |
| 612          | Magnaflux Barrel<br>Action                                     |          | SEP 30 1991 | KR   |
|              | Magnaflux Bolt                                                 |          | SEP 30 1991 | KR   |
| 615          | Rollmark Caliber                                               |          | SEP 30 1991 | LS   |
| 617          | Drill and Tap Sight Holes                                      |          | SEP 30 1991 | LB   |
| 618          | Polish Barrel                                                  |          | SEP 30 1991 | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 11-2-91     | YH   |
|              | Apply Coating (Bolt)                                           |          | 11-2-91     | YH   |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 10/9/91     | YH   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 10/9/91     | YH   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 10/9/91     | YH   |
|              | D) Oil Firing Pin Ass'y                                        |          | 10/9/91     | YH   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 10/11/91    | YH   |

| op. #        | OP. NAME                                                    | READINGS |      |       | DATE     | INIT |          |    |
|--------------|-------------------------------------------------------------|----------|------|-------|----------|------|----------|----|
| 625<br>cont. | F) Safety On Force                                          | 6        | 6    | 6     | 10/11/91 | GU   |          |    |
|              | G) Safety Off Force                                         | 3        | 3    | 3     | 10/11/91 | GU   |          |    |
|              | H) Trigger Pull Test & Retainability                        |          |      |       | 10/11/91 | GU   |          |    |
|              | I) Firing Pin Indent                                        | 10215    | 1021 | 10215 | 10/11/91 | GU   |          |    |
|              | J) Assemble Stock                                           |          |      |       | 10/15/91 | GU   |          |    |
|              | K) Assemble Swivel Studs                                    |          |      |       | 10-22-91 | AC   |          |    |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |       | 10/15/91 | GU   |          |    |
|              | M) Iron Sight Alignment                                     |          |      |       | 10/15/91 | GU   |          |    |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |       | 10/15/91 | GU   |          |    |
|              | O) Attach Scope to Rifle                                    |          |      |       | 10/15/91 | GU   |          |    |
|              | P) Detach & Attach Scope 20 Times                           |          |      |       | 10/15/91 | GU   |          |    |
| 640          | Gallery Target & Test                                       |          |      |       | 10/17/91 | KT   |          |    |
|              | A) Time                                                     |          |      |       |          | KT   |          |    |
|              | B) Malfunctions                                             |          |      |       |          | KT   |          |    |
|              | C) Pierced Primers                                          |          |      |       |          | KT   |          |    |
|              | D) Optical Clarity of Scope                                 |          |      |       |          | KT   |          |    |
| 645          | Inspect for Live Ammo                                       |          |      |       | 10/17/91 | KT   |          |    |
| 655          | Final Inspection                                            |          |      |       |          |      |          |    |
|              | A) Headspace                                                |          |      |       | 10-22-91 | AC   |          |    |
|              | B) Trigger Pull                                             | 244      | 259  | 259   | 271      | 261  | 10-18-91 | DH |
|              | C) Function                                                 |          |      |       |          |      | 10-22-91 | AC |
| 660          | Pack                                                        |          |      |       |          |      | 12-18-91 | AC |

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665780

DATE 10/11/91

TESTER JH

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.51             | 2.42                     | 2.46                           | 2.44 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.48             | 2.19                     | 2.40                           | 2.59 |                                                                        |
| PULL #3 | 2.54             | 2.48                     | 2.45                           | 2.59 |                                                                        |
| PULL #4 | 2.53             | 2.46                     | 2.48                           | 2.71 |                                                                        |
| PULL #5 | 2.45             | 2.42                     | 2.48                           | 2.61 |                                                                        |
| TOTAL   |                  |                          |                                |      |                                                                        |
| AVG.    |                  |                          |                                |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.41             | 3.26                     |  |          |
| PULL #2 | 3.40             | 3.45                     |  |          |
| PULL #3 | 3.36             | 3.23                     |  |          |
| PULL #4 | 3.25             | 3.46                     |  |          |
| PULL #5 | 3.47             | 3.32                     |  |          |
| 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 | 4.60             | 4.41                     |                                | 4.40                                 |
| PULL #2 | 4.42             | 4.40                     |                                | 4.28                                 |
| PULL #3 | 4.36             | 4.18                     |                                | 4.20                                 |
| PULL #4 | 4.38             | 4.34                     |                                | 4.44                                 |
| PULL #5 | 4.23             | 4.34                     |                                | 4.43                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6665780  
18 Oct 1991

CENTROIDAL DISTANCES

|      |   |          |
|------|---|----------|
| 0 TO | 1 | .0955249 |
| 1 TO | 2 | .382845  |
| 1 TO | 3 | .085276  |
| 1 TO | 4 | .388734  |
| 1 TO | 5 | .269468  |

34 x----POA  
e

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.116  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.04  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .122703

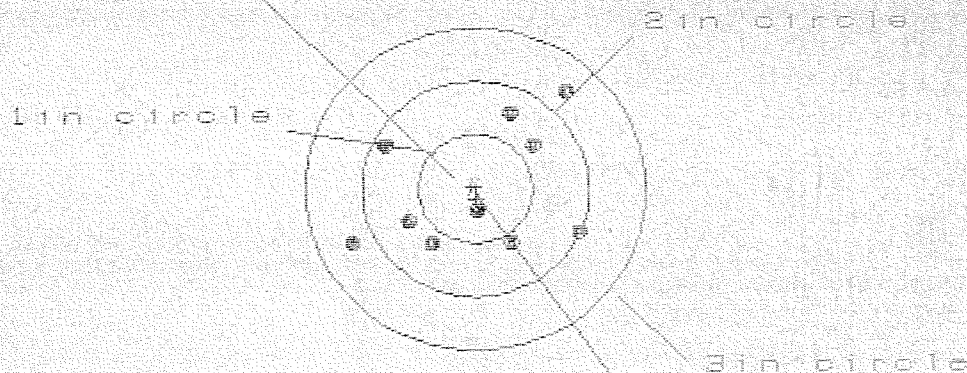
THE AMR FOR THIS RIFLE IS: .0698

18 Oct 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/06685780

# CENTERFIRE PATTERNS # 1

POA



# OF SHOTS= 10

# IN CIR

1in = 1

2in = 8

3in = 10

HS= 1.966

VS= 1.372

GS= 2.295

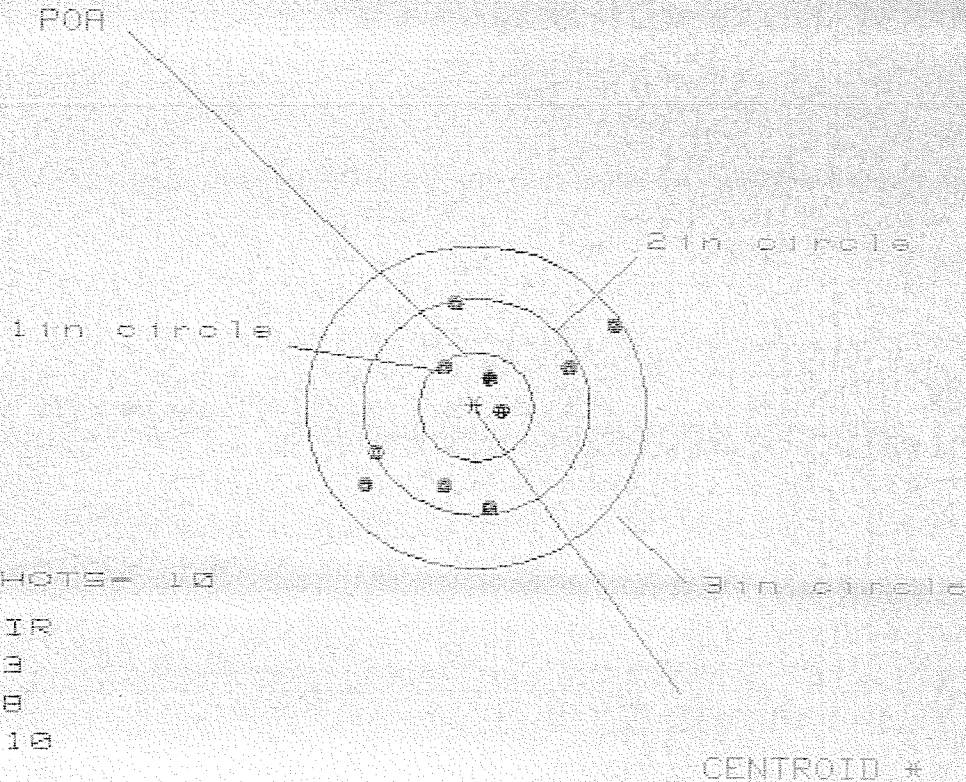
CENTROID \*

| PATTERN #                     | 1      | 9     | 8     |
|-------------------------------|--------|-------|-------|
| SHOTS (BEST OF)               | 10     | 9     | 8     |
| MAXIMUM X                     | .906   | .995  | .873  |
| MINIMUM X                     | -1.060 | -.971 | -.799 |
| MAXIMUM Y                     | .867   | .752  | .703  |
| MINIMUM Y                     | -.505  | -.408 | -.457 |
| CENTROID X                    | -.010  | -.099 | .023  |
| CENTROID Y                    | .095   | -.002 | .047  |
| POA TO CENTROID in.           | .095   | .099  | .052  |
| MIN RADIUS                    | .154   | .104  | .111  |
| MEAN RADIUS                   | .766   | .704  | .657  |
| MAX RADIUS                    | 1.177  | 1.046 | .925  |
| HORIZONTAL SPREAD             | 1.966  | 1.966 | 1.672 |
| VERTICAL SPREAD               | 1.372  | 1.160 | 1.160 |
| EXTREME SPREAD                | 2.295  | 1.970 | 1.839 |
| NUMBER IN ONE INCH CIRCLE =   | 1      |       |       |
| NUMBER IN TWO INCH CIRCLE =   | 8      |       |       |
| NUMBER IN THREE INCH CIRCLE = | 10     |       |       |

18 Oct 1991

FILE: PATTERNING/CENTERFIRE\_PATT/06B857B0

# CENTERFIRE PATTERNS # 2



# OF SHOTS = 10

# IN CIR

1 in = 3

2 in = 8

3 in = 10

HS = 2.180

VS = 1.841

GS = 2.624

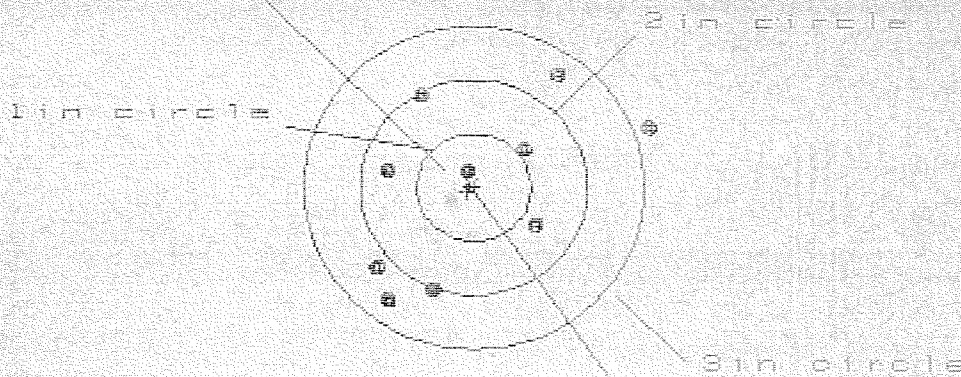
|                               |   |       |       |       |
|-------------------------------|---|-------|-------|-------|
| PATTERN #                     | : | 2     |       |       |
| SHOTS (BEST OF)               | : | 10    | 9     | 8     |
| MAXIMUM X                     | : | 1.217 | .954  | .850  |
| MINIMUM X                     | : | -.963 | -.827 | -.807 |
| MAXIMUM Y                     | : | .923  | 1.009 | .935  |
| MINIMUM Y                     | : | -.918 | -.832 | -.906 |
| CENTROID X                    | : | -.119 | -.255 | -.151 |
| CENTROID Y                    | : | -.272 | -.358 | -.284 |
| POA TO CENTROID in.           | : | .297  | .440  | .322  |
| MIN RADIUS                    | : | .265  | .406  | .296  |
| MEAN RADIUS                   | : | .822  | .757  | .702  |
| MAX RADIUS                    | : | 1.447 | 1.078 | .955  |
| HORIZONTAL SPREAD             | : | 2.180 | 1.781 | 1.657 |
| VERTICAL SPREAD               | : | 1.841 | 1.841 | 1.841 |
| EXTREME SPREAD                | : | 2.624 | 2.091 | 1.880 |
| NUMBER IN ONE INCH CIRCLE =   |   |       | 3     |       |
| NUMBER IN TWO INCH CIRCLE =   |   |       | 8     |       |
| NUMBER IN THREE INCH CIRCLE = |   |       | 10    |       |

18 Oct 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6665760

# CENTERFIRE PATTERNS # 3

POA



# OF SHOTS- 10

# IN CIR

1 in = 1

2 in = 6

3 in = 3

HS= 2.435

VS= 2.096

GS= 2.776

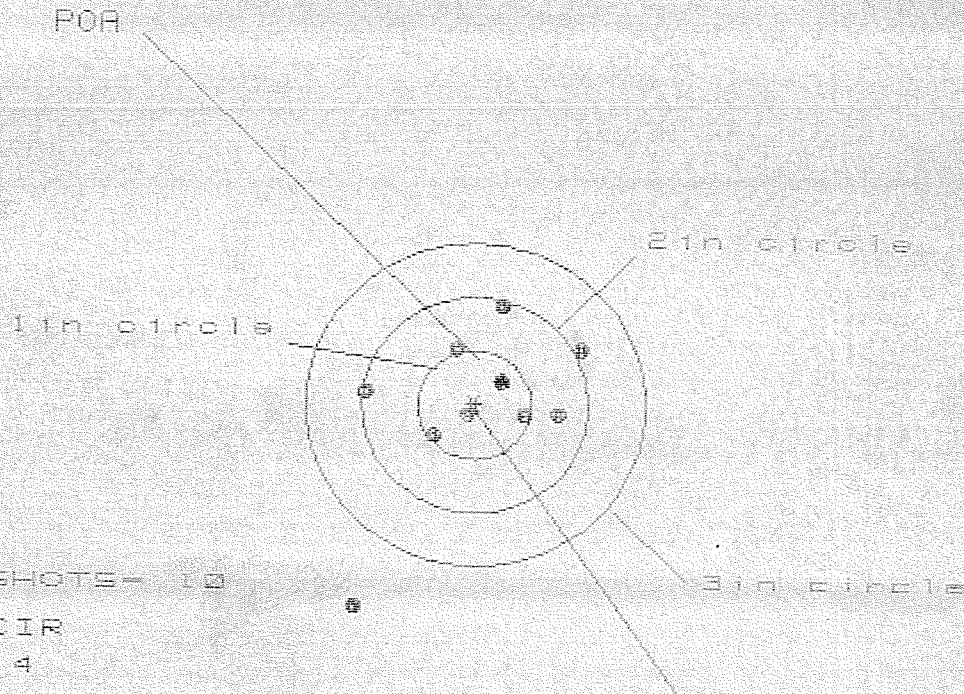
CENTROID \*

| PATTERN #                     | 3      | 9     | 8     |
|-------------------------------|--------|-------|-------|
| SHOTS (BEST OF)               | 10     | 9     | 8     |
| MAXIMUM X                     | 1.551  | .927  | .818  |
| MINIMUM X                     | -.884  | -.711 | -.596 |
| MAXIMUM Y                     | 1.055  | 1.112 | 1.077 |
| MINIMUM Y                     | -1.041 | -.984 | -.845 |
| CENTROID X                    | .056   | -.117 | -.232 |
| CENTROID Y                    | .041   | -.016 | -.155 |
| POA TO CENTROID in.           | .069   | .118  | .280  |
| MIN RADIUS                    | .136   | .206  | .386  |
| MEAN RADIUS                   | .941   | .858  | .783  |
| MAX RADIUS                    | 1.635  | 1.448 | 1.091 |
| HORIZONTAL SPREAD             | 2.435  | 1.638 | 1.414 |
| VERTICAL SPREAD               | 2.096  | 2.096 | 1.922 |
| EXTREME SPREAD                | 2.776  | 2.578 | 1.943 |
| NUMBER IN ONE INCH CIRCLE =   | 1      |       |       |
| NUMBER IN TWO INCH CIRCLE =   | 6      |       |       |
| NUMBER IN THREE INCH CIRCLE = | 9      |       |       |

18 Oct 1991

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# CENTERFIRE PATTERNS # 4



# OF SHOTS- 10

# IN CIR

1 in = 4

2 in = 7

3 in = 9

HS= 2.034

VS= 2.792

GS= 3.101

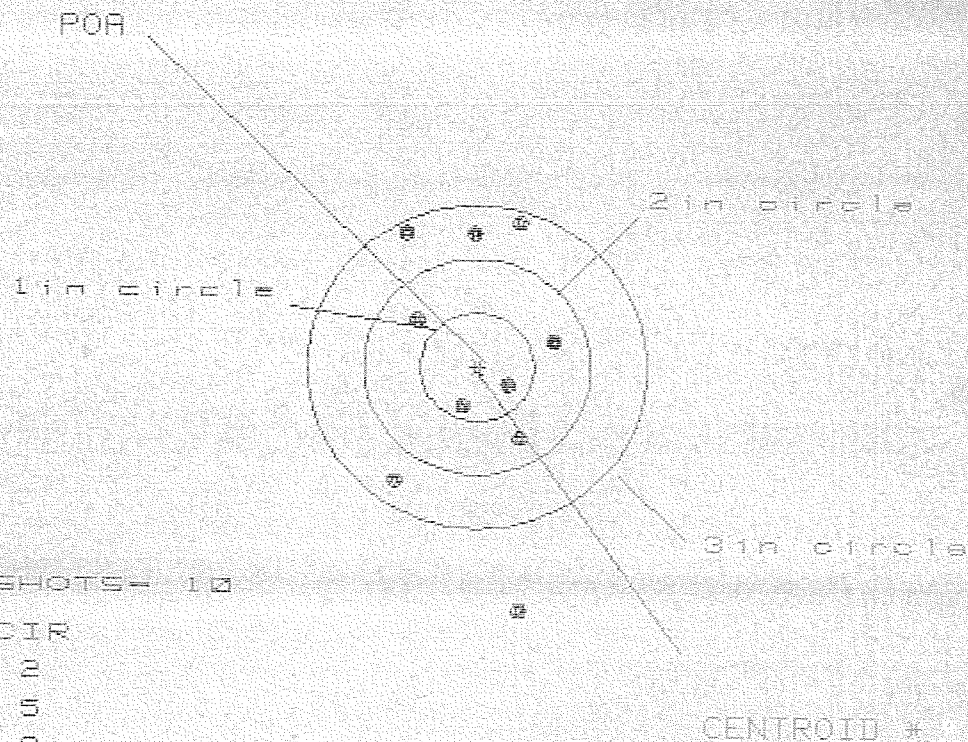
CENTROID #

|                             |   |        |        |       |
|-----------------------------|---|--------|--------|-------|
| PATTERN #                   | : | 4      |        |       |
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | .963   | .844   | .682  |
| MINIMUM X                   | : | -1.071 | -1.091 | -.986 |
| MAXIMUM Y                   | : | .964   | .761   | .795  |
| MINIMUM Y                   | : | -1.828 | -.529  | -.495 |
| CENTROID X                  | : | -.235  | -.116  | -.221 |
| CENTROID Y                  | : | -.222  | -.019  | -.053 |
| POA TO CENTROID in.         | : | .323   | .117   | .228  |
| MIN RADIUS                  | : | .058   | .108   | .219  |
| MEAN RADIUS                 | : | .769   | .590   | .556  |
| MAX RADIUS                  | : | 2.118  | 1.095  | .987  |
| HORIZONTAL SPREAD           | : | 2.034  | 1.935  | 1.668 |
| VERTICAL SPREAD             | : | 2.792  | 1.290  | 1.290 |
| EXTREME SPREAD              | : | 3.101  | 1.969  | 1.675 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 4      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |       |

18 Oct 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/06665780

# CENTERFIRE PATTERNS # 5



# OF SHOTS= 10

# IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 1.404

VS= 3.544

GS= 3.638

| PATTERN #                     | 5      | 5      | 5      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | .627   | .667   | .598   |
| MINIMUM X                     | -.777  | -.737  | -.806  |
| MAXIMUM Y                     | 1.308  | 1.060  | 1.188  |
| MINIMUM Y                     | -2.236 | -1.293 | -1.165 |
| CENTROID X                    | -.272  | -.312  | -.243  |
| CENTROID Y                    | .158   | .406   | .278   |
| POA TO CENTROID in.           | .314   | .512   | .369   |
| MIN RADIUS                    | .354   | .549   | .408   |
| MEAN RADIUS                   | 1.051  | .916   | .861   |
| MAX RADIUS                    | 2.264  | 1.489  | 1.416  |
| HORIZONTAL SPREAD             | 1.404  | 1.404  | 1.404  |
| VERTICAL SPREAD               | 3.544  | 2.353  | 2.353  |
| EXTREME SPREAD                | 3.638  | 2.633  | 2.633  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 5      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 9      |        |        |