

C6587693

MODEL 700™ M24

Model **S&S** - ™

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.

*Remington*

**BARBER - M24 M2400025396**

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587693DATE 4-19-96TESTER DA

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------------------------------------------------------------------------|
| PULL #1 | 2.75             | 2.63                     | 2.69                           | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.71             | 2.59                     | 2.68                           |                                                                        |
| PULL #3 | 2.68             | 2.57                     | 2.69                           |                                                                        |
| PULL #4 | 2.63             | 2.61                     | 2.65                           |                                                                        |
| PULL #5 | 2.65             | 2.61                     | 2.69                           |                                                                        |
| TOTAL   | 1342             | 1301                     | 1340                           |                                                                        |
| AVG.    | 2.68             | 2.60                     | 2.68                           |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES | COMMENTS |
|---------|------------------|--------------------------|----------|
| PULL #1 | 3.19             | 3.09                     |          |
| PULL #2 | 3.20             | 3.11                     |          |
| PULL #3 | 3.18             | 3.21                     |          |
| PULL #4 | 3.21             | 3.14                     |          |
| PULL #5 | 3.11             | 3.09                     |          |
| TOTAL   | 1589             | 1564                     |          |
| AVG.    | 3.17             | 3.12                     |          |

|         | 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 | 4.10             | 4.01                     |                                | 4.26                                 |
| PULL #2 | 4.13             | 4.05                     |                                | 4.24                                 |
| PULL #3 | 4.04             | 4.06                     |                                | 4.21                                 |
| PULL #4 | 4.00             | 4.06                     |                                | 4.22                                 |
| PULL #5 | 4.12             | 4.03                     |                                | 4.23                                 |
| TOTAL   | 2039             | 2021                     |                                | 2116                                 |
| AVG.    | 4.07             | 4.04                     |                                | 4.23                                 |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06587693  
5 Mar 1900

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .360006 |
| 1 TO | 2 | .425207 |
| 1 TO | 3 | .555815 |
| 1 TO | 4 | .593111 |
| 1 TO | 5 | .508098 |

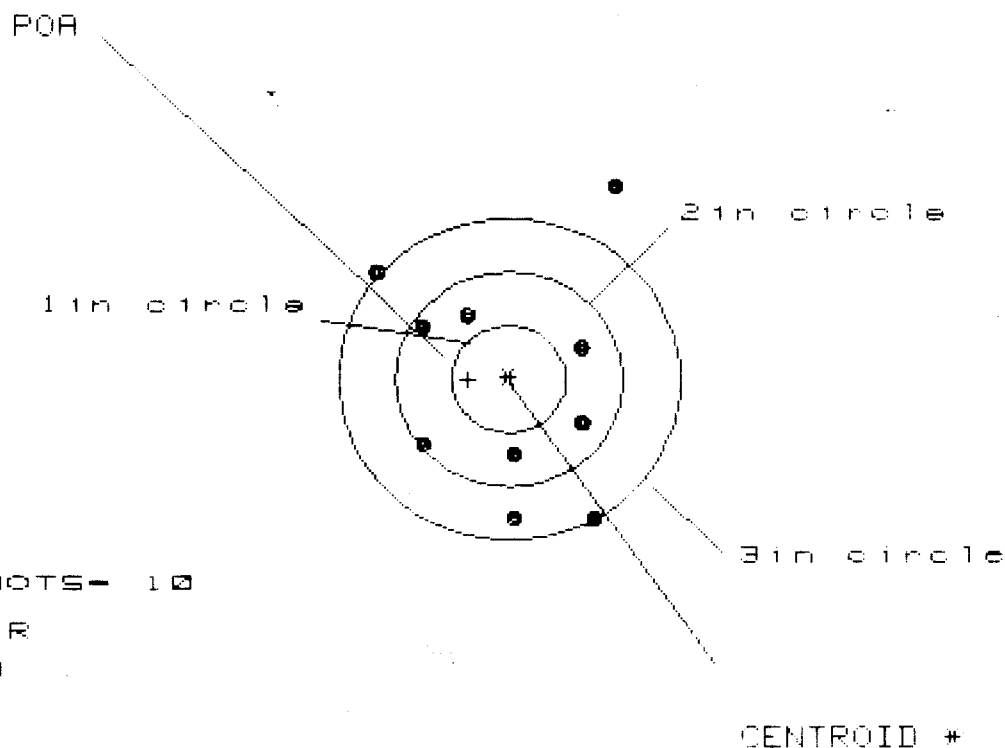
 ----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1844  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3608  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .405191  
THE AMR FOR THIS RIFLE IS: 1.076

5 Mar 1900

FILE:/PATTERNING/CENTERFIRE\_PATT/06587693

## CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1in = 0

2in = 6

3in = 8

HS= 2.100

VS= 3.156

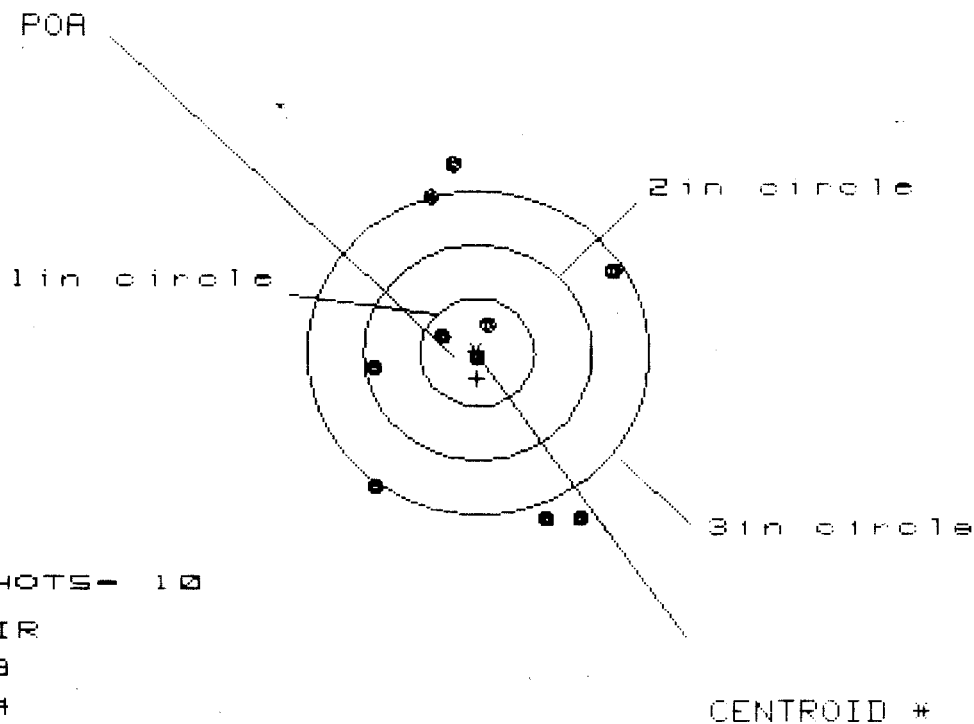
GS= 3.289

| PATTERN #                   | : | 1      | 2      | 3     |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | .976   | .832   | .704  |
| MINIMUM X                   | : | -1.133 | -1.024 | -.800 |
| MAXIMUM Y                   | : | 1.828  | 1.190  | .944  |
| MINIMUM Y                   | : | -1.328 | -1.125 | -.976 |
| CENTROID X                  | : | .360   | .252   | .380  |
| CENTROID Y                  | : | .002   | -.201  | -.350 |
| POA TO CENTROID in.         | : | .361   | .322   | .516  |
| MIN RADIUS                  | : | .665   | .499   | .330  |
| MEAN RADIUS                 | : | 1.099  | .968   | .864  |
| MAX RADIUS                  | : | 2.072  | 1.570  | 1.182 |
| HORIZONTAL SPREAD           | : | 2.108  | 1.856  | 1.504 |
| VERTICAL SPREAD             | : | 3.156  | 2.315  | 1.920 |
| EXTREME SPREAD              | : | 3.289  | 2.915  | 2.330 |
| NUMBER IN ONE INCH CIRCLE   | = | 0      |        |       |
| NUMBER IN TWO INCH CIRCLE   | = | 6      |        |       |
| NUMBER IN THREE INCH CIRCLE | = | 8      |        |       |

5 Mar 1900

FILE:/PATTERNING/CENTERFIRE\_PATT/C6587693

## CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1 in - 3

2 in - 4

3 in = 5

HS- 2.136

VS= 3.378

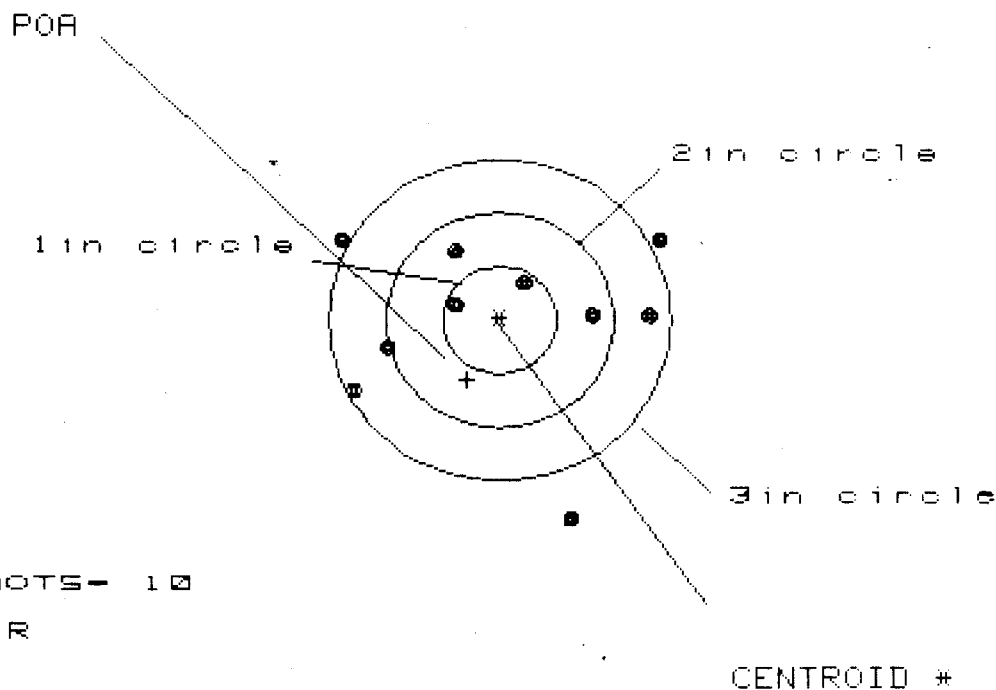
GS= 3.487

| PATTERN #                   | : | 2      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.194  | 1.171  | 1.273  |
| MINIMUM X                   | : | -.942  | -.965  | -.863  |
| MAXIMUM Y                   | : | 1.804  | 1.647  | 1.481  |
| MINIMUM Y                   | : | -1.574 | -1.373 | -1.539 |
| CENTROID X                  | : | .009   | .032   | -.070  |
| CENTROID Y                  | : | .242   | .041   | .207   |
| POA TO CENTROID in.         | : | .242   | .052   | .218   |
| MIN RADIUS                  | : | .037   | .183   | .114   |
| MEAN RADIUS                 | : | 1.142  | 1.099  | .988   |
| MAX RADIUS                  | : | 1.816  | 1.712  | 1.698  |
| HORIZONTAL SPREAD           | : | 2.136  | 2.136  | 2.136  |
| VERTICAL SPREAD             | : | 3.378  | 3.020  | 3.020  |
| EXTREME SPREAD              | : | 3.487  | 3.235  | 3.209  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 5      |        |

5 Mar 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C6587683

## CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1in = 2

2in = 4

3in = 7

HS= 2.871

VS= 2.659

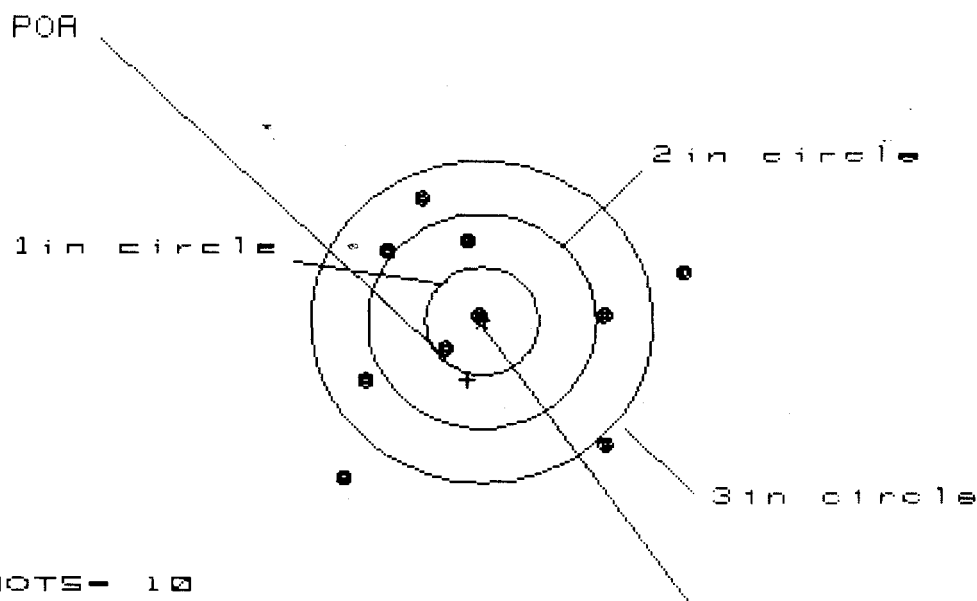
GS= 3.365

| PATTERN #                   | : | 3      | 4      | 8      |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 4      | 8      |
| MAXIMUM X                   | : | 1.453  | 1.524  | 1.616  |
| MINIMUM X                   | : | -1.418 | -1.347 | -1.156 |
| MAXIMUM Y                   | : | .757   | .546   | .611   |
| MINIMUM Y                   | : | -1.902 | -.823  | -.758  |
| CENTROID X                  | : | .287   | .216   | .025   |
| CENTROID Y                  | : | .553   | .764   | .699   |
| POA TO CENTROID in.         | : | .623   | .794   | .700   |
| MIN RADIUS                  | : | .447   | .339   | .174   |
| MEAN RADIUS                 | : | 1.148  | 1.011  | .912   |
| MAX RADIUS                  | : | 2.008  | 1.611  | 1.620  |
| HORIZONTAL SPREAD           | : | 2.871  | 2.871  | 2.772  |
| VERTICAL SPREAD             | : | 2.659  | 1.369  | 1.369  |
| EXTREME SPREAD              | : | 3.365  | 3.039  | 2.866  |
| NUMBER IN ONE INCH CIRCLE   | = | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE   | = | 4      |        |        |
| NUMBER IN THREE INCH CIRCLE | = | 7      |        |        |

5 Mar 1900

FILE:/PATTERNING/CENTERFIRE\_PATT/C6587693

## CENTERFIRE PATTERNS # 4



# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 3

3 in = 7

HS= 3.013

VS= 2.623

GS= 3.570

CENTROID \*

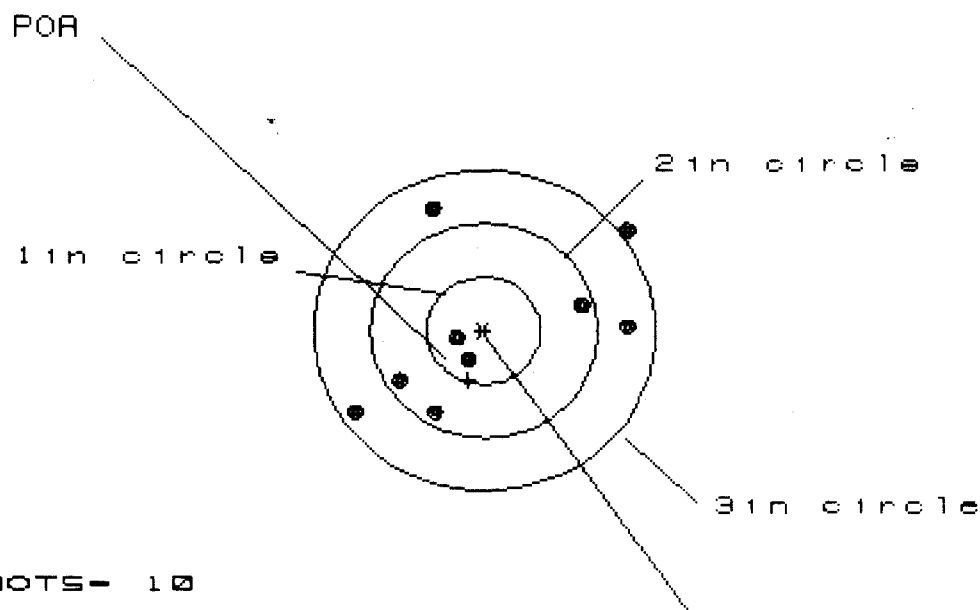
| PATTERN #                   | : | 4      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.798  | 1.663  | 1.172  |
| MINIMUM X                   | : | -1.215 | -1.127 | -.919  |
| MAXIMUM Y                   | : | 1.199  | 1.040  | 1.082  |
| MINIMUM Y                   | : | -1.424 | -1.290 | -1.248 |
| CENTROID X                  | : | .126   | .261   | .053   |
| CENTROID Y                  | : | .547   | .706   | .664   |
| POA TO CENTROID in.         | : | .562   | .752   | .666   |
| MIN RADIUS                  | : | .094   | .184   | .048   |
| MEAN RADIUS                 | : | 1.112  | 1.033  | .899   |
| MAX RADIUS                  | : | 1.872  | 1.696  | 1.682  |
| HORIZONTAL SPREAD           | : | 3.013  | 2.790  | 2.091  |
| VERTICAL SPREAD             | : | 2.623  | 2.330  | 2.330  |
| EXTREME SPREAD              | : | 3.570  | 2.974  | 2.812  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 3      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 7      |        |



5 Mar 1900

FILE:/PATTERNING/CENTERFIRE\_PATT/C6587693

## CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.457

VS= 1.856

GS= 2.997

CENTROID \*

| PATTERN #                   | : | 5      |        |       |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.269  | 1.408  | 1.277 |
| MINIMUM X                   | : | -1.188 | -1.049 | -.770 |
| MAXIMUM Y                   | : | 1.095  | 1.204  | 1.123 |
| MINIMUM Y                   | : | -.761  | -.652  | -.732 |
| CENTROID X                  | : | .140   | .001   | .132  |
| CENTROID Y                  | : | .460   | .351   | .432  |
| POA TO CENTROID in.         | : | .481   | .351   | .452  |
| MIN RADIUS                  | : | .192   | .074   | .104  |
| MEAN RADIUS                 | : | .880   | .746   | .718  |
| MAX RADIUS                  | : | 1.590  | 1.417  | 1.279 |
| HORIZONTAL SPREAD           | : | 2.457  | 2.457  | 2.047 |
| VERTICAL SPREAD             | : | 1.856  | 1.856  | 1.855 |
| EXTREME SPREAD              | : | 2.997  | 2.586  | 2.106 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |       |

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6587693

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

| op. #        | OP. NAME                                                    | READINGS |       |       |      |      | DATE   | INIT |
|--------------|-------------------------------------------------------------|----------|-------|-------|------|------|--------|------|
| 625<br>cont. | F) Safety On Force                                          | 6 1/2    | 6 3/4 | 6 1/2 |      |      | 5/7/96 | W.B. |
|              | G) Safety Off Force                                         | 3        | 3     | 3     |      |      | 5/7/96 | W.B. |
|              | H) Trigger Pull Test & Retainability                        |          |       |       |      |      |        |      |
|              | I) Firing Pin Indent                                        | .0245    | .0245 | .024  |      |      | 5/7/96 | W.B. |
|              | J) Assemble Stock                                           |          |       |       |      |      |        |      |
|              | K) Assemble Swivel Studs                                    |          |       |       |      |      |        |      |
|              | L) Attach Front and Rear Sight Assemblies                   |          |       |       |      |      |        |      |
|              | M) Iron Sight Alignment                                     |          |       |       |      |      |        |      |
|              | N) Detach Front & Rear Sights & place in numbered container |          |       |       |      |      |        |      |
|              | O) Attach Scope to Rifle                                    |          |       |       |      |      |        |      |
|              | P) Detach & Attach Scope 20 Times                           |          |       |       |      |      |        |      |
| 640          | Gallery Target & Test                                       |          |       |       |      |      |        |      |
|              | A) Time                                                     |          |       |       |      |      |        |      |
|              | B) Malfunctions                                             |          |       |       |      |      |        |      |
|              | C) Pierced Primers                                          |          |       |       |      |      |        |      |
|              | D) Optical Clarity of Scope                                 |          |       |       |      |      |        |      |
| 645          | Inspect for Live Ammo                                       |          |       |       |      |      |        |      |
| 655          | Final Inspection                                            |          |       |       |      |      |        |      |
|              | A) Headspace                                                |          |       |       |      |      |        |      |
|              | B) Trigger Pull                                             | 2.77     | 2.79  | 2.80  | 2.78 | 2.83 | 5/7/96 | W.B. |
|              | C) Function                                                 |          |       |       |      |      |        |      |
| 660          | Pack                                                        |          |       |       |      |      |        |      |

**Remington®**

**MODEL 700™ H24**

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

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

**SERIAL NO.**  
C6587693

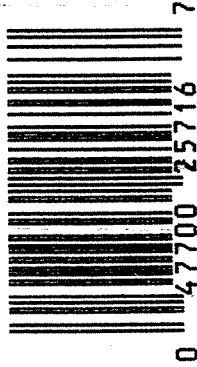
**ORDER NO.**  
5716

20

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



LPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6587693

| OP. #     | OP. NAME                                                 | READINGS | DATE     | INIT |
|-----------|----------------------------------------------------------|----------|----------|------|
| 575 & 580 | Assemble Action and Stock                                |          | 10/24/90 | KJ   |
| 600       | Proof                                                    |          | 10/24/90 | KJ   |
| 607       | Check Headspace                                          |          | 10/24/90 | KJ   |
| 610       | Dis-assemble Gun                                         |          | 10/24/90 | KJ   |
| 612       | Magnaflux Barrel Action                                  |          | 10/30/90 | KR   |
|           | Magnaflux Bolt                                           |          | 11       | KR   |
| 615       | Rollmark Caliber                                         |          | 11       | SB   |
| 617       | Drill and Tap Sight Holes                                |          | 11/6/90  | LB   |
| 618       | Polish Barrel RB                                         |          | 11/7/90  | WB   |
| 620       | Apply Coatings (Barrel Action)                           |          | 11-20-90 | SB   |
|           | Apply Coating (Bolt)                                     |          |          |      |
| 625       | Final Assembly                                           |          |          |      |
|           | A) Clean inside of Bolt Assembly                         |          | 12/4/90  | KS   |
|           | B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head |          | 12/4/90  | KS   |
|           | C) Inspect Ejector Hole for Chamfer                      |          | 12/4/90  | KS   |
|           | D) Oil Firing Pin Ass'y                                  |          | 12/4/90  | KS   |
|           | E) Adjust Trigger Pull to Min Setting and Stake          |          | 12/5/90  | SB   |

| Op. #        | BARBER M24 0025369                                          | READINGS |       |       |      | DATE    | INIT    |
|--------------|-------------------------------------------------------------|----------|-------|-------|------|---------|---------|
| 625<br>cont. | F) Safety On Force                                          | 4 1/2    | 4 1/2 | 4 1/2 |      | 12/5/90 | WB      |
|              | G) Safety Off Force                                         | 2 1/2    | 2 1/2 | 2 1/2 |      | 12/5/90 | WB      |
|              | H) Trigger Pull Test & Retainability                        |          |       |       |      | 12/5/90 | QJ      |
|              | I) Firing Pin Indent                                        | .022     | .0215 | .022  |      | 12/5/90 | WB      |
|              | J) Assemble Stock                                           |          |       |       |      | 12/5/90 | KS      |
|              | K) Assemble Swivel Studs                                    |          |       |       |      | 12-7-90 | QJ      |
|              | L) Attach Front and Rear Sight Assemblies                   |          |       |       |      | 12/5/90 | KS      |
|              | M) Iron Sight Alignment                                     |          |       |       |      | 12/5/90 | KS      |
|              | N) Detach Front & Rear Sights & place in numbered container |          |       |       |      | 12/5/90 | KS      |
|              | O) Attach Scope to Rifle                                    |          |       |       |      | 12/5/90 | KS      |
|              | P) Detach & Attach Scope 20 Times                           |          |       |       |      | 12/5/90 | KS      |
| 640          | Gallery Target & Test                                       |          |       |       |      | 12-6-90 | DH      |
|              | A) Time                                                     |          |       |       |      | 12-6-90 | DH      |
|              | B) Malfunctions                                             |          |       |       |      | 12-6-90 | DH      |
|              | C) Pierced Primers                                          |          |       |       |      | 12-6-90 | DH      |
|              | D) Optical Clarity of Scope                                 |          |       |       |      | 12-6-90 | DH      |
| 645          | Inspect for Live Ammo                                       |          |       |       |      | 12-6-90 | DH      |
| 655          | Final Inspection                                            |          |       |       |      |         |         |
|              | A) Headspace                                                |          |       |       |      | 12-7-90 | QJ      |
|              | B) Trigger Pull                                             | 2.61     | 2.57  | 2.54  | 2.51 | 2.44    | 12-7-90 |
|              | C) Function                                                 |          |       |       |      | 12-7-90 | QJ      |
| 660          | Pack                                                        |          |       |       |      | 12-9-90 | DH      |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS  
2.50# ± .50#  
3.00# ± .75#  
4.00# ± 1.00#

SERIAL NO. C6587693  
DATE 12/5/90  
TESTER JR

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.44             | 2.41                     | 2.40                           | 2.65 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.41             | 2.46                     | 2.40                           | 2.57 |                                                                        |
| PULL #3 | 2.44             | 2.46                     | 2.44                           | 2.54 |                                                                        |
| PULL #4 | 2.27             | 2.44                     | 2.50                           | 2.51 |                                                                        |
| PULL #5 | 2.48             | 2.49                     | 2.46                           | 2.44 |                                                                        |
| TOTAL   |                  |                          |                                |      |                                                                        |
| AVG.    |                  |                          |                                |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.26             | 3.41                     |  |          |
| PULL #2 | 3.17             | 3.41                     |  |          |
| PULL #3 | 3.23             | 3.41                     |  |          |
| PULL #4 | 3.38             | 3.38                     |  |          |
| PULL #5 | 3.37             | 3.38                     |  |          |
| 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 | 4.26             | 4.39                     |                                | 4.33                                 |
| PULL #2 | 4.30             | 4.38                     |                                | 4.36                                 |
| PULL #3 | 4.34             | 4.37                     |                                | 4.35                                 |
| PULL #4 | 4.30             | 4.36                     |                                | 4.37                                 |
| PULL #5 | 4.33             | 4.36                     |                                | 4.36                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06587693  
6 Dec 1990

CENTROIDAL DISTANCES

|        |         |
|--------|---------|
| 0 TO 1 | .474427 |
| 1 TO 2 | .197041 |
| 1 TO 3 | .706375 |
| 1 TO 4 | .687748 |
| 1 TO 5 | .277108 |

$\bar{x} = -0.102$  <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.102  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0986  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .141866  
THE AMR FOR THIS RIFLE IS: .8894

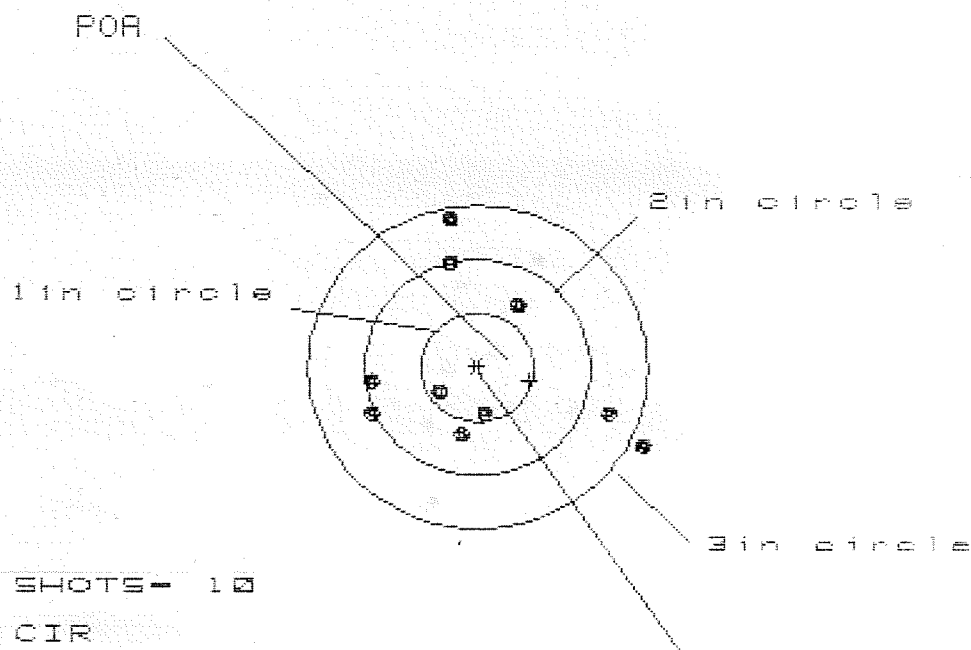


6 Dec 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/06587693

## CENTERFIRE PATTERNS

# 1



# OF SHOTS- 10

# IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.453

VS= 2.056

GS= 2.701

CENTROID \*

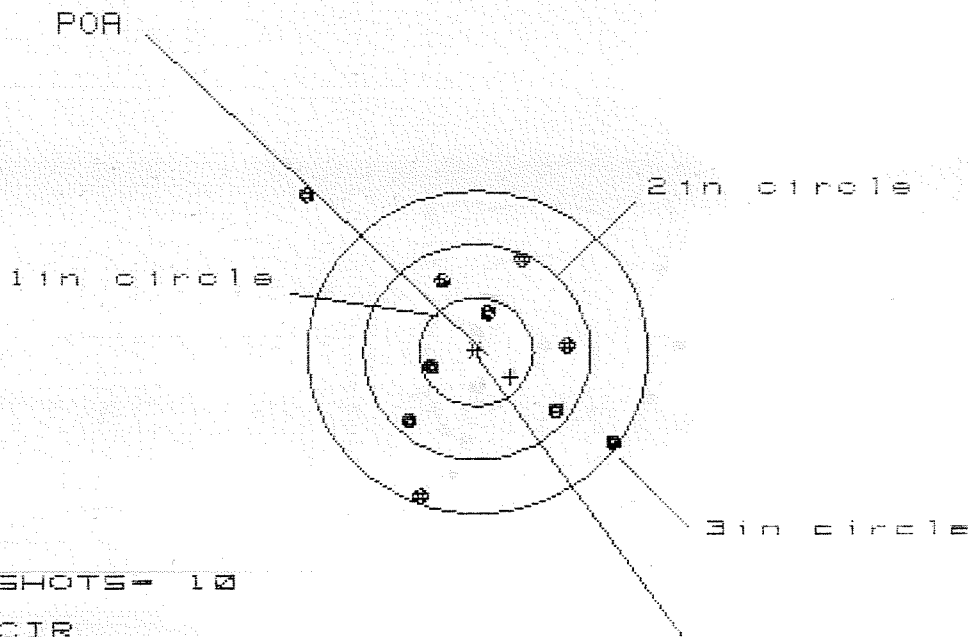
| PATTERN #                     | 1     | 2     | 3     |
|-------------------------------|-------|-------|-------|
| SHOTS (BEST OF)               | 10    | 9     | 8     |
| MAXIMUM X                     | 1.475 | 1.332 | 1.318 |
| MINIMUM X                     | -.978 | -.814 | -.828 |
| MAXIMUM Y                     | 1.336 | 1.256 | 1.100 |
| MINIMUM Y                     | -.720 | -.683 | -.526 |
| CENTROID X                    | -.459 | -.623 | -.609 |
| CENTROID Y                    | .120  | .200  | .043  |
| POA TO CENTROID in.           | .474  | .654  | .610  |
| MIN RADIUS                    | .405  | .397  | .291  |
| MEAN RADIUS                   | .951  | .861  | .777  |
| MAX RADIUS                    | 1.641 | 1.409 | 1.352 |
| HORIZONTAL SPREAD             | 2.453 | 2.146 | 2.146 |
| VERTICAL SPREAD               | 2.056 | 1.939 | 1.626 |
| EXTREME SPREAD                | 2.701 | 2.243 | 2.157 |
| NUMBER IN ONE INCH CIRCLE =   |       | 2     |       |
| NUMBER IN TWO INCH CIRCLE =   |       | 5     |       |
| NUMBER IN THREE INCH CIRCLE = |       | 9     |       |

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## CENTERFIRE PATTERNS

# 2



# OF SHOTS - 10

# IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 2.648

VS= 2.741

GS= 3.503

| PATTERN #                   | : | 2      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.172  | 1.009  | .727   |
| MINIMUM X                   | : | -1.475 | -.744  | -.618  |
| MAXIMUM Y                   | : | 1.454  | 1.027  | .942   |
| MINIMUM Y                   | : | -1.288 | -1.126 | -1.211 |
| CENTROID X                  | : | -.299  | -.136  | -.262  |
| CENTROID Y                  | : | .235   | .074   | .159   |
| POA TO CENTROID in.         | : | .381   | .154   | .306   |
| MIN RADIUS                  | : | .402   | .544   | .428   |
| MEAN RADIUS                 | : | .986   | .862   | .798   |
| MAX RADIUS                  | : | 2.071  | 1.286  | 1.308  |
| HORIZONTAL SPREAD           | : | 2.648  | 1.753  | 1.345  |
| VERTICAL SPREAD             | : | 2.741  | 2.153  | 2.153  |
| EXTREME SPREAD              | : | 3.503  | 2.320  | 2.320  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

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## CENTERFIRE PATTERNS

# 3

POA

1 in circle

2 in circle

3 in circle

CENTROID \*

# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 2.006

VS= 1.845

GS= 2.584

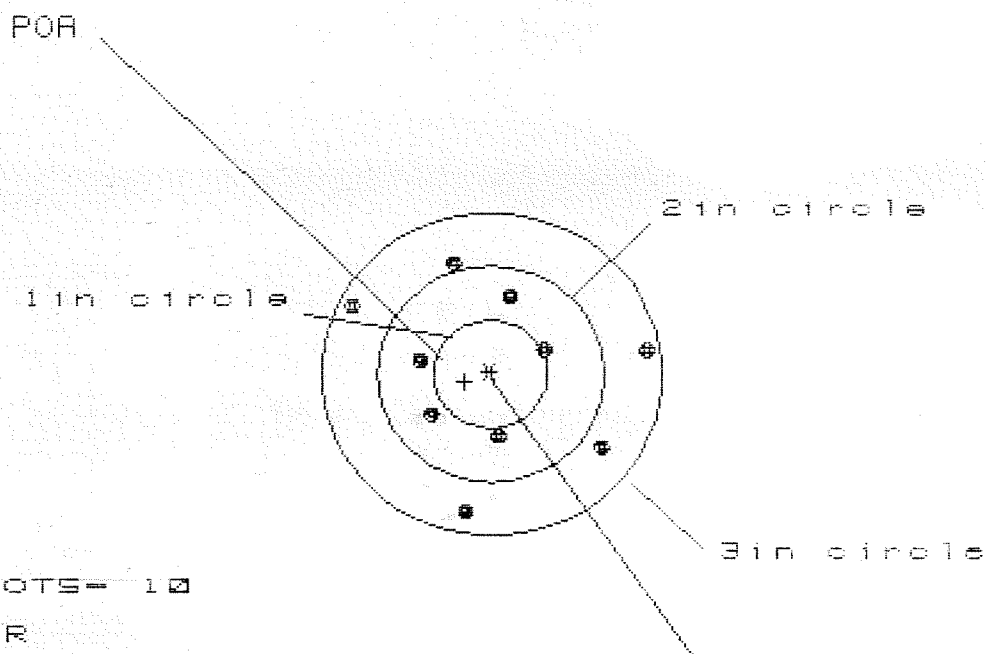
| PATTERN #                   | : | 3     |       |       |
|-----------------------------|---|-------|-------|-------|
| SHOTS (BEST OF)             | : | 10    | 9     | 8     |
| MAXIMUM X                   | : | 1.240 | 1.356 | 1.219 |
| MINIMUM X                   | : | -.766 | -.650 | -.481 |
| MAXIMUM Y                   | : | .854  | .723  | .763  |
| MINIMUM Y                   | : | -.991 | -.896 | -.856 |
| CENTROID X                  | : | .247  | .131  | -.038 |
| CENTROID Y                  | : | .097  | .002  | -.038 |
| POA TO CENTROID in.         | : | .265  | .131  | .054  |
| MIN RADIUS                  | : | .226  | .155  | .079  |
| MEAN RADIUS                 | : | .830  | .748  | .628  |
| MAX RADIUS                  | : | 1.348 | 1.392 | 1.233 |
| HORIZONTAL SPREAD           | : | 2.006 | 2.006 | 1.700 |
| VERTICAL SPREAD             | : | 1.845 | 1.619 | 1.619 |
| EXTREME SPREAD              | : | 2.584 | 2.343 | 1.828 |
| NUMBER IN ONE INCH CIRCLE   | = |       | 2     |       |
| NUMBER IN TWO INCH CIRCLE   | = |       | 7     |       |
| NUMBER IN THREE INCH CIRCLE | = |       | 10    |       |

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## CENTERFIRE PATTERNS

# 4



# OF SHOTS = 10

# IN CIR

1in = 0

2in = 5

3in = 10

HS = 2.659

VS = 2.283

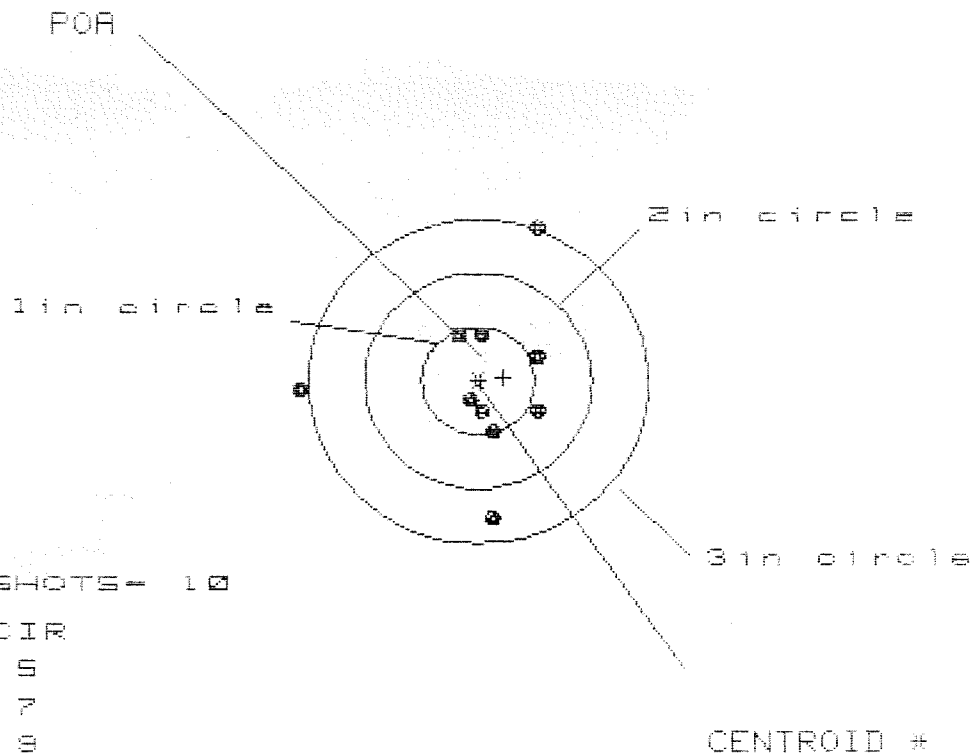
GS = 2.690

| PATTERN #                     | 4      |        |        |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.404  | 1.096  | .958   |
| MINIMUM X                     | -1.254 | -1.098 | -.633  |
| MAXIMUM Y                     | .992   | 1.017  | 1.099  |
| MINIMUM Y                     | -1.291 | -1.266 | -1.184 |
| CENTROID X                    | .227   | .071   | .209   |
| CENTROID Y                    | .071   | .046   | -.036  |
| POA TO CENTROID in.           | .238   | .085   | .212   |
| MIN RADIUS                    | .513   | .507   | .441   |
| MEAN RADIUS                   | .954   | .889   | .833   |
| MAX RADIUS                    | 1.422  | 1.294  | 1.207  |
| HORIZONTAL SPREAD             | 2.659  | 2.194  | 1.591  |
| VERTICAL SPREAD               | 2.283  | 2.283  | 2.283  |
| EXTREME SPREAD                | 2.690  | 2.573  | 2.285  |
| NUMBER IN ONE INCH CIRCLE =   |        | 0      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 10     |        |

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## CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1 in = 5

2 in = 7

3 in = 9

HS= 2.089

VS= 2.694

GS= 2.730

| PATTERN #                     | 5      |        |        |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | .542   | .370   | .408   |
| MINIMUM X                     | -1.547 | -.382  | -.336  |
| MAXIMUM Y                     | 1.398  | 1.391  | .613   |
| MINIMUM Y                     | -1.296 | -1.303 | -1.129 |
| CENTROID X                    | -.226  | -.054  | -.100  |
| CENTROID Y                    | -.030  | -.023  | -.197  |
| POA TO CENTROID in.           | .228   | .059   | .221   |
| MIN RADIUS                    | .177   | .273   | .149   |
| MEAN RADIUS                   | .726   | .625   | .492   |
| MAX RADIUS                    | 1.548  | 1.440  | 1.129  |
| HORIZONTAL SPREAD             | 2.089  | .752   | .744   |
| VERTICAL SPREAD               | 2.694  | 2.694  | 1.742  |
| EXTREME SPREAD                | 2.730  | 2.730  | 1.769  |
| NUMBER IN ONE INCH CIRCLE =   | 5      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 7      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 9      |        |        |