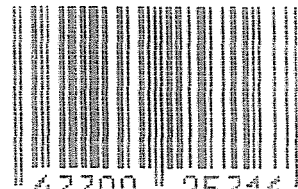


*Smead*  
®

FORM

UPC



0 47700 25716 7

06665753

ENCLOSURE

MODEL 700 TM M24

ORDER NO.

5716

BARREL LENGTH

# Remington



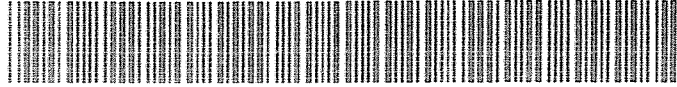
VERY IMPORTANT:  
Instruction Book  
enclosed to assure  
safe use of this  
firearm.

MODEL 700 <sup>TM</sup> M24

SERIAL NO.  
C6665753

ORDER NO.  
**5716**

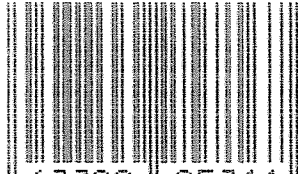
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off. Marca Registrada Marque Deposee.



5716 C6665753

ORDER **5716**  
MODEL 700 <sup>TM</sup> M24

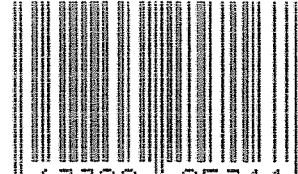
UPC



0 47700 25716 7

ORDER **5716**  
MODEL 700 <sup>TM</sup> M24

UPC



0 47700 25716 7

**GFM**

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

**C6665753**

| OP. #        | OP. NAME                                                       | READINGS | DATE        | INIT |
|--------------|----------------------------------------------------------------|----------|-------------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   |          | 9/23/91     | YK   |
| 600          | Proof                                                          |          | 9/23/91     | YK   |
| 607          | Check Headspace                                                |          | 9/23/91     | YK   |
| 610          | Dis-assemble Gun                                               |          | 9/23/91     | YK   |
| 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                                                  |          | OCT 2 1991  | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 11-2-91     | AD   |
|              | Apply Coating (Bolt)                                           |          |             |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 10/8/91     | YK   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 10/8/91     | YK   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 10/8/91     | YK   |
|              | D) Oil Firing Pin Ass'y                                        |          | 10/8/91     | YK   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 10/10/91    | YK   |

| op. #        | OP. NAME                                                    | READINGS |      |      |     |     | DATE     | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|-----|-----|----------|------|
| 625<br>cont. | F) Safety On Force                                          | 6        | 6    | 6    |     |     | 10-10-91 | K    |
|              | G) Safety Off Force                                         | 4        | 4    | 3    |     |     | 10-10-91 | AL   |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |     |     | 10/10/91 | 8/1  |
|              | I) Firing Pin Indent                                        | .020     | .021 | .022 |     |     | 10-10-91 | K-   |
|              | J) Assemble Stock                                           |          |      |      |     |     | 10/10/91 | YH   |
|              | K) Assemble Swivel Studs                                    |          |      |      |     |     | 10-17-91 | CL   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |      |     |     | 10/10/91 | YH   |
|              | M) Iron Sight Alignment                                     |          |      |      |     |     | 10/10/91 | YH   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |      |     |     | 10/10/91 | YH   |
|              | O) Attach Scope to Rifle                                    |          |      |      |     |     | 10/10/91 | YH   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |      |     |     | 10/10/91 | YH   |
| 640          | Gallery Target & Test                                       |          |      |      |     |     | 10/14/91 | K-   |
|              | A) Time                                                     |          |      |      |     |     |          | KT   |
|              | B) Malfunctions                                             |          |      |      |     |     |          | KT   |
|              | C) Pierced Primers                                          |          |      |      |     |     |          | KT   |
|              | D) Optical Clarity of Scope                                 |          |      |      |     |     |          | KT   |
| 645          | Inspect for Live Ammo                                       |          |      |      |     |     | 10/14/91 | KT   |
| 655          | Final Inspection                                            |          |      |      |     |     |          |      |
|              | A) Headspace                                                |          |      |      |     |     | 10-17-91 | A    |
|              | B) Trigger Pull                                             | 229      | 233  | 226  | 221 | 236 | 10-15-91 | D/H  |
|              | C) Function                                                 |          |      |      |     |     | 10-17-91 | A    |
| 660          | Pack                                                        |          |      |      |     |     | 12-17-91 | AF   |

SWS TRIGGER PULL TEST

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

SERIAL NO. 06665753  
DATE 10-10-91  
TESTER JU

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.63             | 2.19                     | 2.28                           | 2.29 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.38             | 2.36                     | 2.25                           | 2.33 |                                                                        |
| PULL #3 | 2.26             | 2.26                     | 2.38                           | 2.26 |                                                                        |
| PULL #4 | 2.32             | 2.33                     | 2.36                           | 2.21 |                                                                        |
| PULL #5 | 2.29             | 2.31                     | 2.30                           | 2.36 |                                                                        |
| TOTAL   |                  |                          |                                |      |                                                                        |
| AVG.    |                  |                          |                                |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.41             | 3.51                     |  |          |
| PULL #2 | 3.33             | 3.47                     |  |          |
| PULL #3 | 3.57             | 3.54                     |  |          |
| PULL #4 | 3.57             | 3.51                     |  |          |
| PULL #5 | 3.51             | 3.49                     |  |          |
| 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 | 4.52             | 4.17                     |                                | 4.27                                 |
| PULL #2 | 4.44             | 4.41                     |                                | 4.37                                 |
| PULL #3 | 4.38             | 4.18                     |                                | 4.42                                 |
| PULL #4 | 4.29             | 4.42                     |                                | 4.43                                 |
| PULL #5 | 4.18             | 4.43                     |                                | 4.32                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6663753  
14 Oct 1991

CENTROIDAL DISTANCES

|        |          |
|--------|----------|
| 0 TO 1 | .0813941 |
| 1 TO 2 | .282852  |
| 1 TO 3 | .264439  |
| 1 TO 4 | .0941329 |
| 1 TO 5 | .0750733 |

Y ---- POA

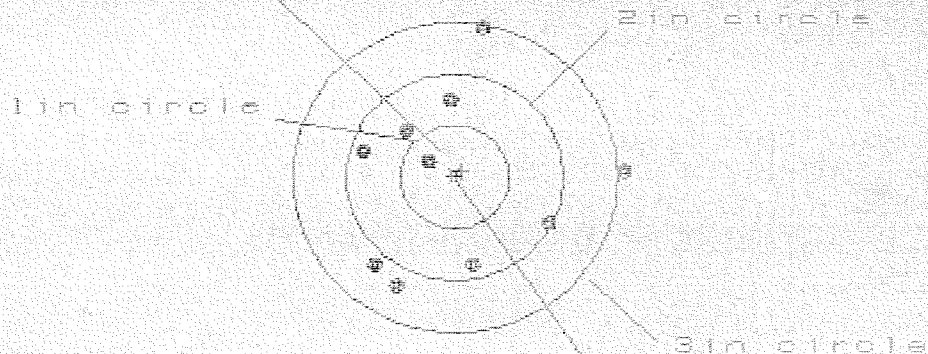
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0266  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0324  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0419204  
THE AMR FOR THIS RIFLE IS: .915

14 Oct 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/06685758

CENTERFIRE PATTERNS # 1

POA



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.352

VS= 2.477

GS= 2.620

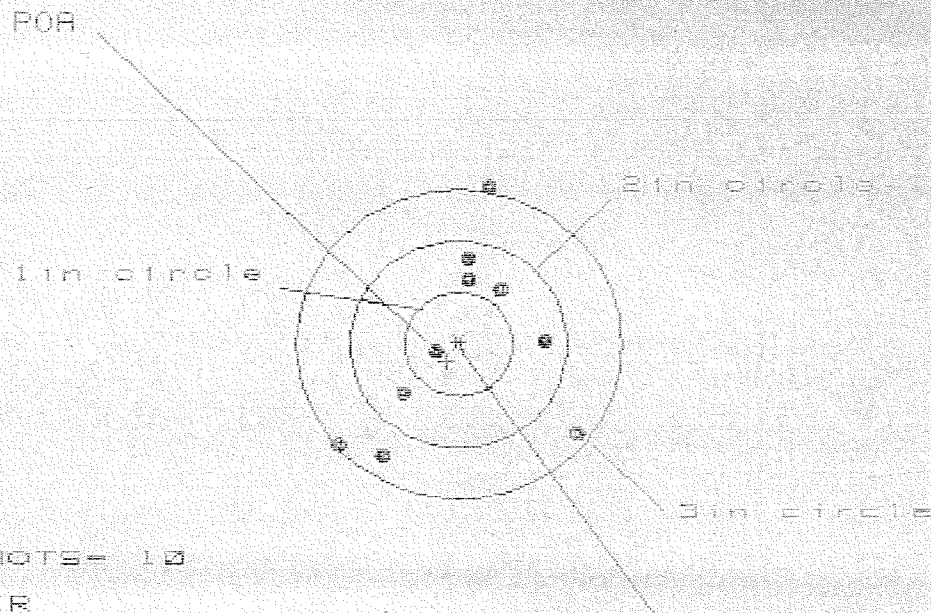
CENTROID \*

|                             |   |        |        |       |
|-----------------------------|---|--------|--------|-------|
| PATTERN #                   | : | 1      |        |       |
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.529  | 1.066  | 1.126 |
| MINIMUM X                   | : | -.823  | -.653  | -.593 |
| MAXIMUM Y                   | : | 1.423  | 1.429  | .977  |
| MINIMUM Y                   | : | -1.054 | -1.048 | -.869 |
| CENTROID X                  | : | -.060  | -.230  | -.290 |
| CENTROID Y                  | : | -.055  | -.061  | -.240 |
| POA TO CENTROID in.         | : | .082   | .238   | .376  |
| MIN RADIUS                  | : | .323   | .221   | .383  |
| MEAN RADIUS                 | : | .989   | .898   | .826  |
| MAX RADIUS                  | : | 1.530  | 1.507  | 1.146 |
| HORIZONTAL SPREAD           | : | 2.352  | 1.719  | 1.719 |
| VERTICAL SPREAD             | : | 2.477  | 2.477  | 1.846 |
| EXTREME SPREAD              | : | 2.620  | 2.620  | 1.920 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |       |

14 Oct 1991

FILE: PATTERNING-CENTERFIRE\_PATT/08665753

# CENTERFIRE PATTERNS # 2



# OF SHOTS= 10

# IN CIR

1 in = 1

2 in = 6

3 in = 8

HS= 2.218

VS= 2.651

GS= 2.905

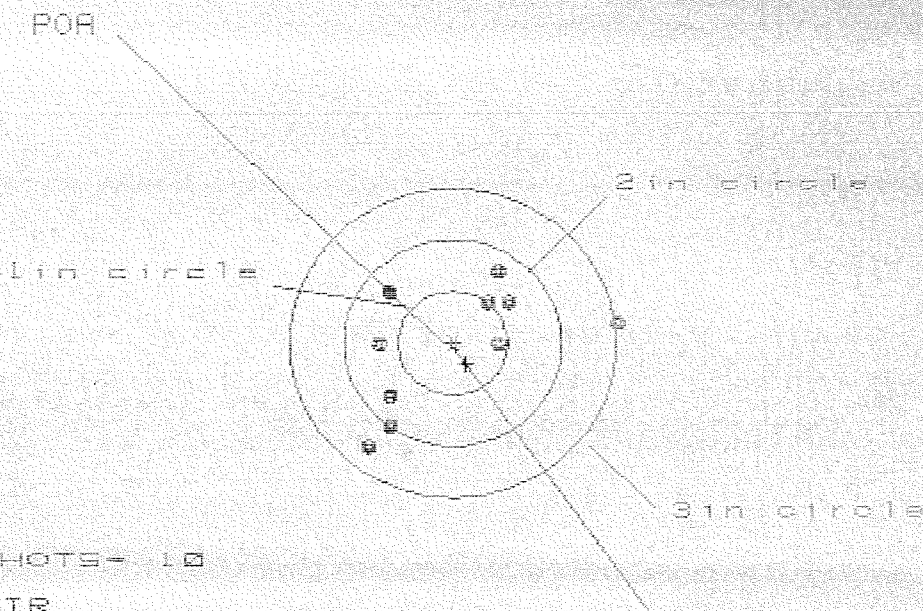
CENTROID \*

|                               |   |        |        |        |
|-------------------------------|---|--------|--------|--------|
| PATTERN #                     | : | 2      |        |        |
| SHOTS (BEST OF)               | : | 10     | 9      | 8      |
| MAXIMUM X                     | : | 1.081  | 1.114  | .976   |
| MINIMUM X                     | : | -1.137 | -1.104 | -.858  |
| MAXIMUM Y                     | : | 1.540  | .983   | .880   |
| MINIMUM Y                     | : | -1.111 | -.939  | -1.041 |
| CENTROID X                    | : | .114   | .081   | .219   |
| CENTROID Y                    | : | .168   | -.004  | .039   |
| POA TO CENTROID in.           | : | .203   | .081   | .240   |
| MIN RADIUS                    | : | .216   | .198   | .309   |
| MEAN RADIUS                   | : | .960   | .899   | .823   |
| MAX RADIUS                    | : | 1.568  | 1.373  | 1.349  |
| HORIZONTAL SPREAD             | : | 2.218  | 2.218  | 1.834  |
| VERTICAL SPREAD               | : | 2.651  | 1.922  | 1.922  |
| EXTREME SPREAD                | : | 2.905  | 2.220  | 2.094  |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE = |   |        | 8      |        |

14 Oct 1991

FILE: PATTERNING/CENTERFIRE\_PATT/C0665753

# CENTERFIRE PATTERNS # 3



# OF SHOTS= 10

# IN CIR

1in = 2

2in = 8

3in = 9

HS= 2.270

VS= 1.751

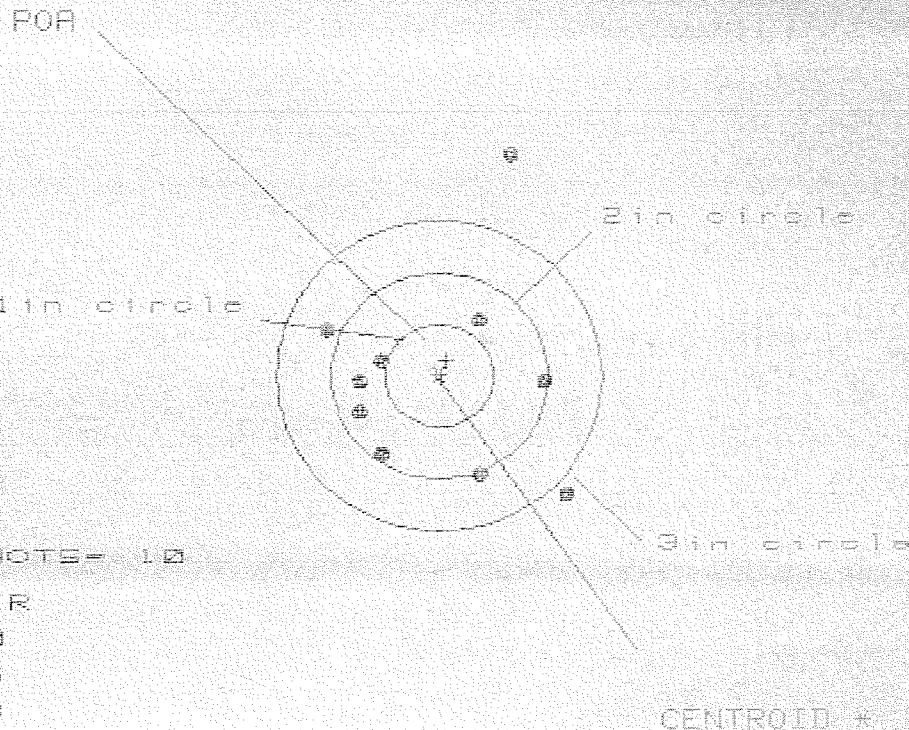
GS= 2.566

| PATTERN #                     | 1      | 2     | 3     |
|-------------------------------|--------|-------|-------|
| SHOTS (BEST OF)               | 10     | 9     | 8     |
| MAXIMUM X                     | 1.528  | .641  | .569  |
| MINIMUM X                     | -.742  | -.572 | -.558 |
| MAXIMUM Y                     | .742   | .763  | .640  |
| MINIMUM Y                     | -1.009 | -.988 | -.867 |
| CENTROID X                    | -.119  | -.288 | -.216 |
| CENTROID Y                    | .203   | .183  | .306  |
| POA TO CENTROID in.           | .235   | .341  | .375  |
| MIN RADIUS                    | .372   | .488  | .490  |
| MEAN RADIUS                   | .827   | .741  | .675  |
| MAX RADIUS                    | 1.539  | 1.141 | .989  |
| HORIZONTAL SPREAD             | 2.270  | 1.213 | 1.127 |
| VERTICAL SPREAD               | 1.751  | 1.751 | 1.507 |
| EXTREME SPREAD                | 2.566  | 2.109 | 1.812 |
| NUMBER IN ONE INCH CIRCLE =   |        | 2     |       |
| NUMBER IN TWO INCH CIRCLE =   |        | 8     |       |
| NUMBER IN THREE INCH CIRCLE = |        | 9     |       |

14 Oct 1991

FILE: \PATTERNING\CENTERFIRE\_PATT\QB55753

# CENTERFIRE PATTERNS # 4



# OF SHOTS = 10

# IN CIR

1 in = 0

2 in = 5

3 in = 8

HS = 2.227

VS = 3.274

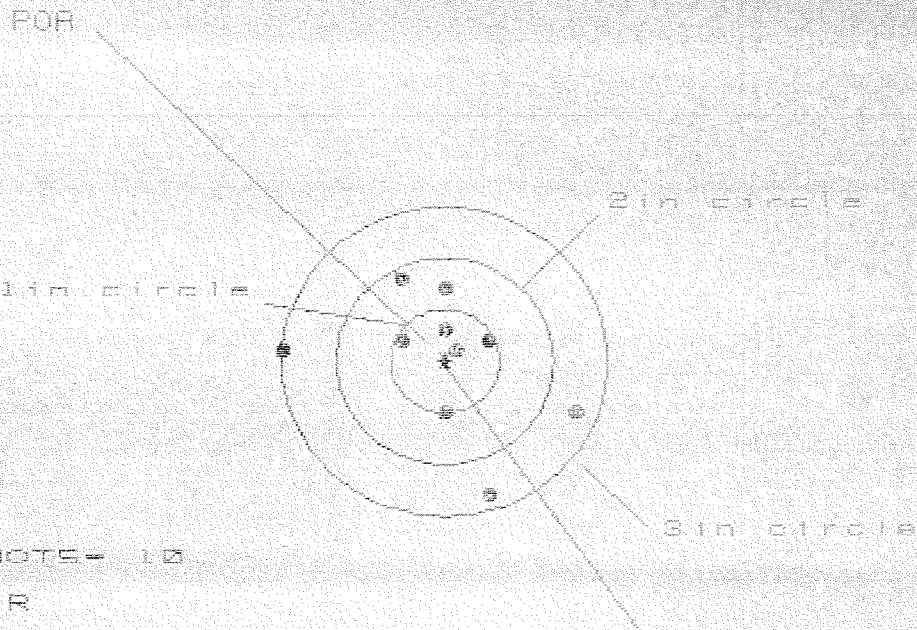
GS = 3.309

|                             |   |        |       |       |
|-----------------------------|---|--------|-------|-------|
| PATTERN #                   | : | 4      |       |       |
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | 1.162  | 1.238 | 1.188 |
| MINIMUM X                   | : | -1.065 | -.989 | -.834 |
| MAXIMUM Y                   | : | 2.162  | .749  | .640  |
| MINIMUM Y                   | : | -1.112 | -.872 | -.805 |
| CENTROID X                  | : | -.065  | -.141 | -.296 |
| CENTROID Y                  | : | -.149  | -.389 | -.290 |
| POA TO CENTROID in.         | : | .163   | .414  | .407  |
| MIN RADIUS                  | : | .522   | .589  | .404  |
| MEAN RADIUS                 | : | 1.056  | .894  | .774  |
| MAX RADIUS                  | : | 2.267  | 1.514 | 1.189 |
| HORIZONTAL SPREAD           | : | 2.227  | 2.227 | 2.022 |
| VERTICAL SPREAD             | : | 3.274  | 1.621 | 1.445 |
| EXTREME SPREAD              | : | 3.309  | 2.703 | 2.065 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 0     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 8     |       |

14 Oct 1991

FILE: PATTERNING/CENTERFIRE\_PATT/08665753

# CENTERFIRE PATTERNS # 5



# OF SHOTS= 10

# IN CIR

1in = 5

2in = 7

3in = 10

HS= 2.647

VS= 2.054

GS= 2.711

CENTROID #

|                             |   |        |        |       |
|-----------------------------|---|--------|--------|-------|
| PATTERN #                   | : | 5      |        |       |
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.197  | 1.036  | 1.068 |
| MINIMUM X                   | : | -1.450 | -.513  | -.488 |
| MAXIMUM Y                   | : | .759   | .773   | .613  |
| MINIMUM Y                   | : | -1.294 | -1.281 | -.638 |
| CENTROID X                  | : | -.004  | .157   | .127  |
| CENTROID Y                  | : | -.005  | -.019  | .141  |
| POR TO CENTROID in.         | : | .007   | .158   | .190  |
| MIN RADIUS                  | : | .160   | .086   | .077  |
| MEAN RADIUS                 | : | .743   | .657   | .540  |
| MAX RADIUS                  | : | 1.455  | 1.304  | 1.230 |
| HORIZONTAL SPREAD           | : | 2.647  | 1.554  | 1.554 |
| VERTICAL SPREAD             | : | 2.054  | 2.054  | 1.251 |
| EXTREME SPREAD              | : | 2.711  | 2.188  | 1.975 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 5      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |       |