

FORN

UPC



0 47700 25716 2

CAPACITY\*

\*INCLUDES 1 IN CHAMBER

C6648992

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.  
C6648992

20

ORDER NO.  
**5716**

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



5716 C6648992

**ORDER 5716**

MODEL 700 <sup>TM</sup> M24

**UPC**

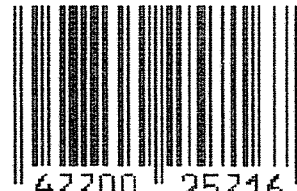
**ORDER 5716**

MODEL 700 <sup>TM</sup> M24

**UPC**



0 47700 25716 7



0 47700 25716 7

**GFM**

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6648992

| OP. #        | OP. NAME                                                       | READINGS | DATE     | INIT |
|--------------|----------------------------------------------------------------|----------|----------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 9 26     | 9 1      | RW   |
| 600          | Proof                                                          | 9 26     | 9 1      | RW   |
| 607          | Check Headspace                                                | 9 26     | 9 1      | RW   |
| 610          | Dis-assemble Gun                                               | 9 26     | 9 1      | RW   |
| 612          | Magnaflux Barrel<br>Action                                     | OCT      | 3 1991   | KCD  |
|              | Magnaflux Bolt                                                 | OCT      | 3 1991   | KCD  |
| 615          | Rollmark Caliber                                               | OCT      | 3 1991   | GB   |
| 617          | Drill and Tap Sight Holes                                      | OCT      | 4 1991   | LB   |
| 618          | Polish Barrel                                                  | OCT      | 4 1991   | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 10-18-91 | DA   |
|              | Apply Coating (Bolt)                                           |          |          |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 10/18/91 | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 10/18/91 | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 10/18/91 | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 10/18/91 | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 10/18/91 | WB   |

| op. #        | OP. NAME                                                    | READINGS        |                 |                 |     |     | DATE     | INIT |
|--------------|-------------------------------------------------------------|-----------------|-----------------|-----------------|-----|-----|----------|------|
| 625<br>cont. | F) Safety On Force                                          | 3 $\frac{3}{4}$ | 3 $\frac{3}{4}$ | 3 $\frac{3}{4}$ |     |     | 12/3/91  | WB   |
|              | G) Safety Off Force                                         | 3               | 3               | 3               |     |     | 12/3/91  | WB   |
|              | H) Trigger Pull Test & Retainability                        |                 |                 |                 |     |     | 12/3/91  | WB   |
|              | I) Firing Pin Indent                                        | .022            | .021            | .020            |     |     | 12/3/91  | WB   |
|              | J) Assemble Stock                                           |                 |                 |                 |     |     | 12/4/91  | RB   |
|              | K) Assemble Swivel Studs                                    |                 |                 |                 |     |     | 12-7-91  | Ac   |
|              | L) Attach Front and Rear Sight Assemblies                   |                 |                 |                 |     |     | 12/4/91  | RB   |
|              | M) Iron Sight Alignment                                     |                 |                 |                 |     |     | 12/4/91  | RB   |
|              | N) Detach Front & Rear Sights & place in numbered container |                 |                 |                 |     |     | 12/4/91  | RB   |
|              | O) Attach Scope to Rifle                                    |                 |                 |                 |     |     | 12/4/91  | RB   |
|              | P) Detach & Attach Scope 20 Times                           |                 |                 |                 |     |     | 12/4/91  | RB   |
| 640          | Gallery Target & Test                                       |                 |                 |                 |     |     | 12-4-91  | NF   |
|              | A) Time                                                     |                 |                 |                 |     |     | "        | NF   |
|              | B) Malfunctions                                             |                 |                 |                 |     |     | "        | NF   |
|              | C) Pierced Primers                                          |                 |                 |                 |     |     | "        | NF   |
|              | D) Optical Clarity of Scope                                 |                 |                 |                 |     |     | "        | NF   |
| 645          | Inspect for Live Ammo                                       |                 |                 |                 |     |     | 12-4-91  | NF   |
| 655          | Final Inspection                                            |                 |                 |                 |     |     |          |      |
|              | A) Headspace                                                |                 |                 |                 |     |     | 12-9-91  | Ac   |
|              | B) Trigger Pull                                             | 231             | 234             | 228             | 228 | 232 | 12-5-91  | DH   |
|              | C) Function                                                 |                 |                 |                 |     |     | 12-7-91  | Ac   |
| 660          | Pack                                                        |                 |                 |                 |     |     | 12-14-91 | NF   |

SWS TRIGGER PULL TEST

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

SERIAL NO. C6648992

DATE 12/3/91

TESTER WB

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.39             | 2.32                     | 2.23                           | 2.31 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.34             | 2.21                     | 2.10                           | 2.34 |                                                                        |
| PULL #3 | 2.25             | 2.36                     | 2.11                           | 2.28 |                                                                        |
| PULL #4 | 2.33             | 2.22                     | 2.11                           | 2.28 |                                                                        |
| PULL #5 | 2.19             | 2.21                     | 2.10                           | 2.32 |                                                                        |
| TOTAL   | 11.50            | 11.32                    | 10.65                          |      |                                                                        |
| AVG.    | 2.30             | 2.26                     | 2.13                           |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.19             | 3.12                     |  |          |
| PULL #2 | 3.07             | 3.19                     |  |          |
| PULL #3 | 3.21             | 3.20                     |  |          |
| PULL #4 | 3.22             | 3.12                     |  |          |
| PULL #5 | 3.27             | 3.06                     |  |          |
| TOTAL   | 15.96            | 15.69                    |  |          |
| AVG.    | 3.19             | 3.14                     |  |          |

|         | 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 | 4.11             | 4.00                     |                                | 4.07                                 |
| PULL #2 | 4.08             | 4.00                     |                                | 4.04                                 |
| PULL #3 | 4.15             | 4.10                     |                                | 4.25                                 |
| PULL #4 | 4.00             | 4.11                     |                                | 4.11                                 |
| PULL #5 | 4.23             | 4.09                     |                                | 4.21                                 |
| TOTAL   | 20.57            | 20.30                    |                                | 20.68                                |
| AVG.    | 4.11             | 4.06                     |                                | 4.13                                 |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6648992  
4 Dec 1991

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .430262 |
| 1 TO | 2 | .314917 |
| 1 TO | 3 | .395285 |
| 1 TO | 4 | .513287 |
| 1 TO | 5 | .458803 |

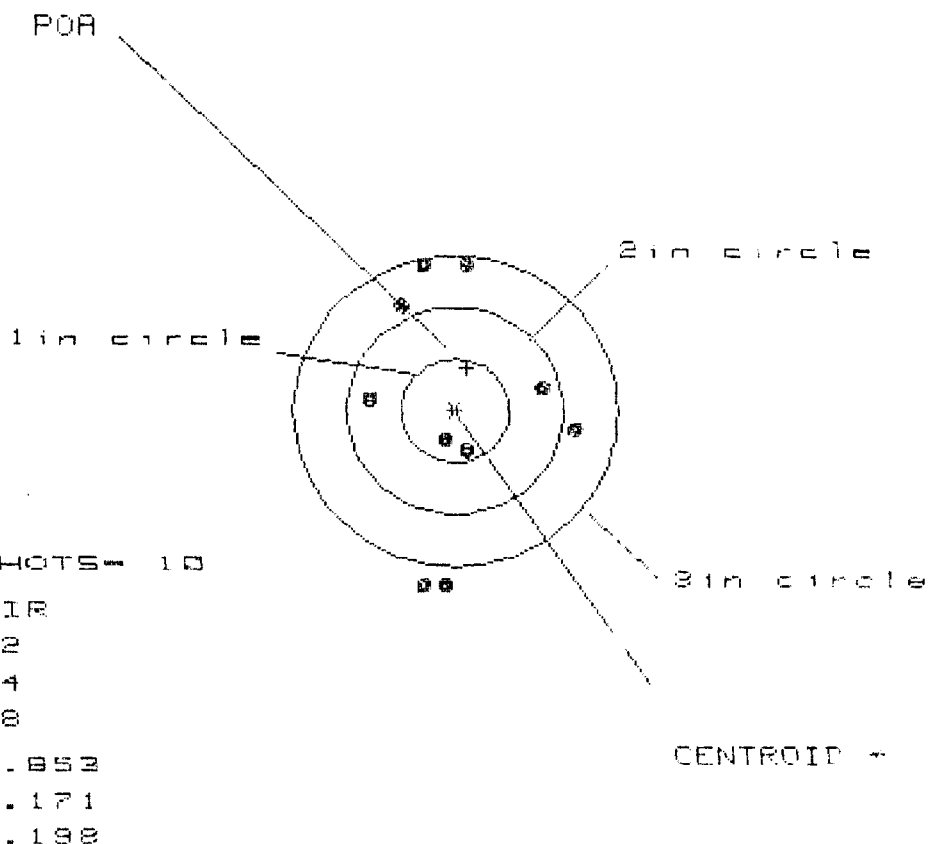
1 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0522  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0432  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .1096  
THE AMR FOR THIS RIFLE IS: 1.139

4 Dec 1991

FILE: PATTERNING/CENTERFIRE\_PATT/C6648392

# CENTERFIRE PATTERNS # 1



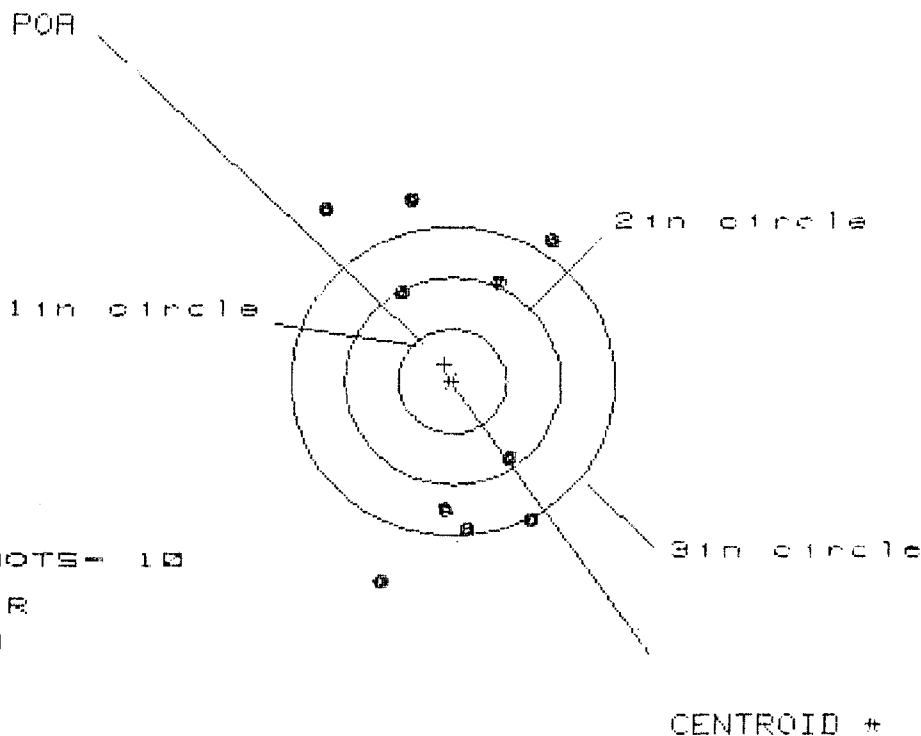
| PATTERN #                     | 1      | 2      | 3     |
|-------------------------------|--------|--------|-------|
| SHOTS (BEST OF)               | 10     | 9      | 8     |
| MAXIMUM X                     | 1.069  | 1.037  | 1.018 |
| MINIMUM X                     | -.784  | -.816  | -.835 |
| MAXIMUM Y                     | 1.443  | 1.251  | 1.013 |
| MINIMUM Y                     | -1.728 | -1.902 | -.780 |
| CENTROID X                    | -.106  | -.074  | -.055 |
| CENTROID Y                    | -.417  | -.225  | .013  |
| POA TO CENTROID in.           | .430   | .237   | .057  |
| MIN RADIUS                    | .333   | .524   | .742  |
| MEAN RADIUS                   | 1.090  | 1.018  | .905  |
| MAX RADIUS                    | 1.751  | 1.908  | 1.172 |
| HORIZONTAL SPREAD             | 1.853  | 1.853  | 1.853 |
| VERTICAL SPREAD               | 3.171  | 3.153  | 1.793 |
| EXTREME SPREAD                | 3.198  | 3.163  | 2.036 |
| NUMBER IN ONE INCH CIRCLE =   | 2      |        |       |
| NUMBER IN TWO INCH CIRCLE =   | 4      |        |       |
| NUMBER IN THREE INCH CIRCLE = | 8      |        |       |



4 Dec 1991

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# CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1in = 0

2in = 1

3in = 5

HS= 2.191

VS= 3.716

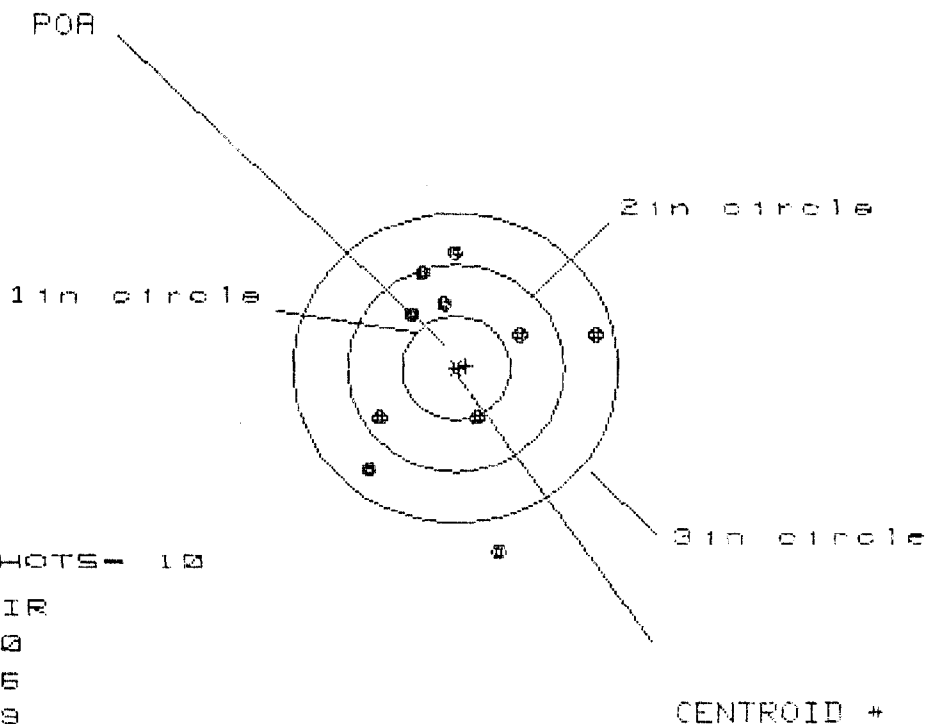
CS= 3.724

| PATTERN #                     | 2      |        |        |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | .966   | .830   | .734   |
| MINIMUM X                     | -1.225 | -.770  | -.677  |
| MAXIMUM Y                     | 1.794  | 1.983  | 1.766  |
| MINIMUM Y                     | -1.922 | -1.733 | -1.495 |
| CENTROID X                    | .076   | .212   | .308   |
| CENTROID Y                    | -.160  | -.349  | -.133  |
| POA TO CENTROID in.           | .177   | .408   | .335   |
| MIN RADIUS                    | .913   | .680   | .823   |
| MEAN RADIUS                   | 1.482  | 1.382  | 1.315  |
| MAX RADIUS                    | 2.095  | 2.053  | 1.874  |
| HORIZONTAL SPREAD             | 2.191  | 1.600  | 1.411  |
| VERTICAL SPREAD               | 3.716  | 3.716  | 3.262  |
| EXTREME SPREAD                | 3.724  | 3.724  | 3.336  |
| NUMBER IN ONE INCH CIRCLE =   | 0      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 1      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 5      |        |        |

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# CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1in = 0

2in = 5

3in = 5

IS= 2.031

VS= 2.932

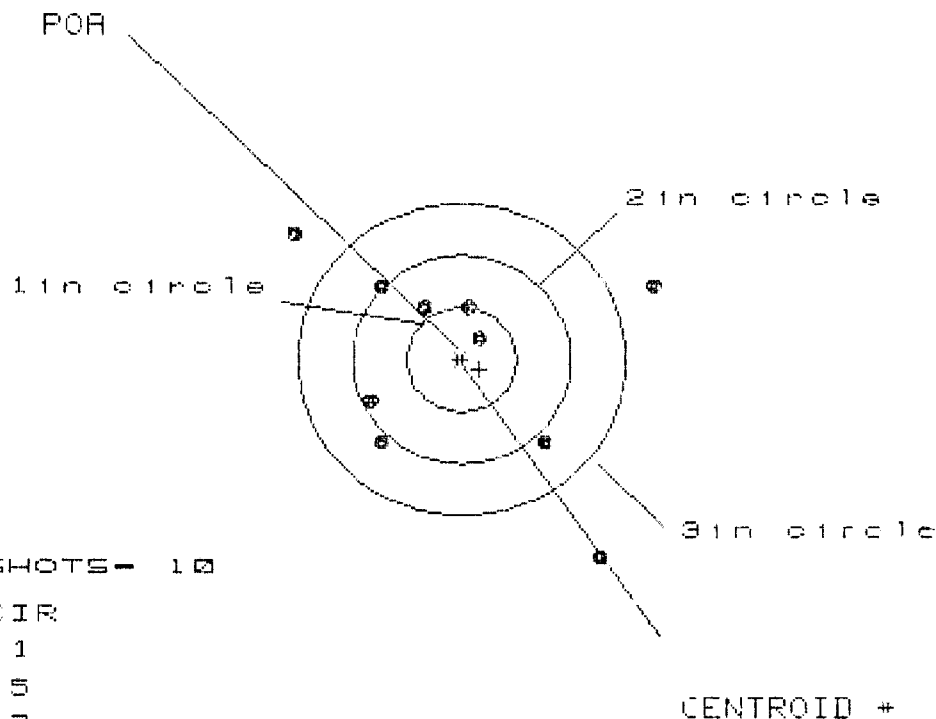
GS= 2.961

| PATTERN #                     | 3      |        |       |
|-------------------------------|--------|--------|-------|
| SHOTS (BEST OF)               | 10     | 9      | 8     |
| MAXIMUM X                     | 1.244  | 1.236  | 1.193 |
| MINIMUM X                     | -.787  | -.745  | -.756 |
| MAXIMUM Y                     | 1.109  | .906   | .754  |
| MINIMUM Y                     | -1.823 | -1.214 | -.831 |
| CENTROID X                    | -.091  | -.133  | -.040 |
| CENTROID Y                    | -.022  | .181   | .333  |
| POA TO CENTROID in.           | .094   | .225   | .335  |
| MIN RADIUS                    | .508   | .397   | .305  |
| MEAN RADIUS                   | .982   | .844   | .742  |
| MAX RADIUS                    | 1.862  | 1.424  | 1.195 |
| HORIZONTAL SPREAD             | 2.031  | 2.031  | 1.949 |
| VERTICAL SPREAD               | 2.932  | 2.120  | 1.585 |
| EXTREME SPREAD                | 2.961  | 2.411  | 2.093 |
| NUMBER IN ONE INCH CIRCLE =   |        | 0      |       |
| NUMBER IN TWO INCH CIRCLE =   |        | 6      |       |
| NUMBER IN THREE INCH CIRCLE = |        | 9      |       |

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# CENTERFIRE PATTERNS # 4



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 5

3in = 7

HS= 3.319

VS= 3.064

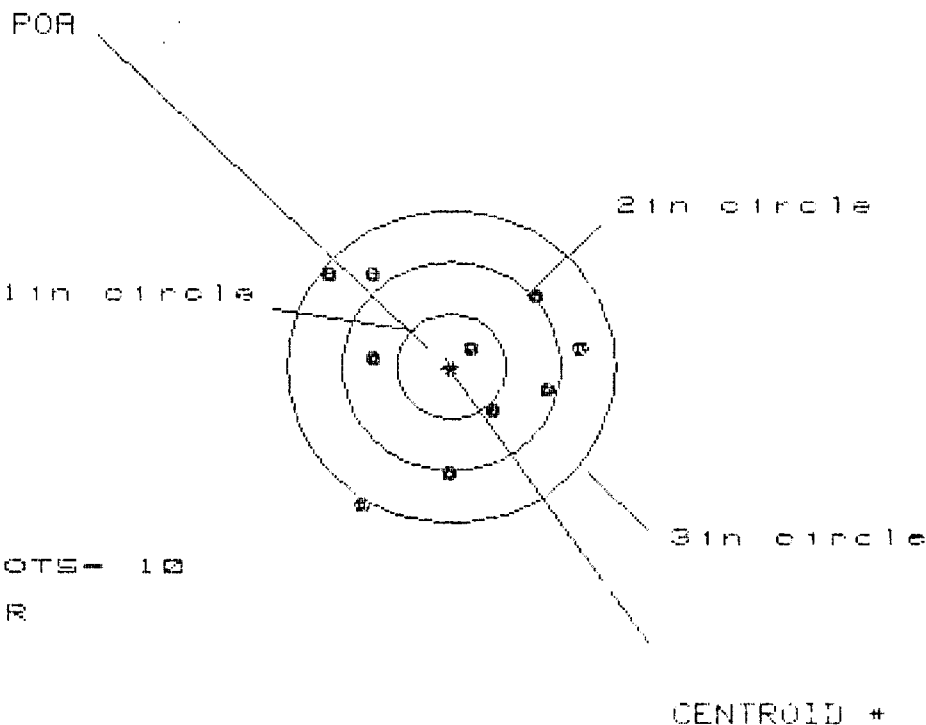
GS= 4.162

| PATTERN #                     | 4      | 9      | 8      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.783  | 1.925  | 1.751  |
| MINIMUM X                     | -1.536 | -1.394 | -0.896 |
| MAXIMUM Y                     | 1.211  | 1.005  | .605   |
| MINIMUM Y                     | -1.853 | -1.015 | -0.890 |
| CENTROID X                    | -.164  | -.306  | -.132  |
| CENTROID Y                    | .093   | .299   | .174   |
| POA TO CENTROID in.           | .189   | .428   | .218   |
| MIN RADIUS                    | .253   | .307   | .174   |
| MEAN RADIUS                   | 1.165  | .997   | .916   |
| MAX RADIUS                    | 2.253  | 1.984  | 1.852  |
| HORIZONTAL SPREAD             | 3.319  | 3.319  | 2.647  |
| VERTICAL SPREAD               | 3.064  | 2.020  | 1.495  |
| EXTREME SPREAD                | 4.162  | 3.360  | 2.887  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 5      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 7      |        |        |

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# CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.294

VS= 2.242

GS= 2.571

| PATTERN #                     | 5      |        |        |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.179  | 1.083  | .932   |
| MINIMUM X                     | -1.115 | -1.211 | -.950  |
| MAXIMUM Y                     | .926   | .790   | .808   |
| MINIMUM Y                     | -1.316 | -1.128 | -1.031 |
| CENTROID X                    | .024   | .120   | .271   |
| CENTROID Y                    | .023   | .169   | .072   |
| FOR TO CENTROID in.           | .033   | .207   | .281   |
| MIN RADIUS                    | .291   | .127   | .157   |
| MEAN RADIUS                   | .974   | .883   | .786   |
| MAX RADIUS                    | 1.576  | 1.440  | 1.248  |
| HORIZONTAL SPREAD             | 2.294  | 2.294  | 1.882  |
| VERTICAL SPREAD               | 2.242  | 1.908  | 1.839  |
| EXTREME SPREAD                | 2.571  | 2.424  | 2.013  |
| NUMBER IN ONE INCH CIRCLE =   |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 9      |        |