

C6522260

MODEL 700<sup>TM</sup> M24

Model **SMS** <sup>TM</sup>

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.

*Remington*

*Remington*

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522260

| OP. #        | OP. NAME                                                       | READINGS                                                                                                                              | DATE    | INIT |
|--------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|---------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | <div style="border: 2px solid black; padding: 5px; transform: rotate(-5deg); display: inline-block;"> <b>QUALITY<br/>AUDIT</b> </div> | 7 12 90 | RW   |
| 600          | Proof                                                          |                                                                                                                                       | 7 12 90 | RW   |
| 607          | Check Headspace                                                |                                                                                                                                       | 7 12 90 | RW   |
| 610          | Dis-assemble Gun                                               |                                                                                                                                       | 7 12 90 | RW   |
| 612          | Magnaflux Barrel<br>Action                                     |                                                                                                                                       | 7-17-90 | KR   |
|              | Magnaflux Bolt                                                 |                                                                                                                                       | 7-17-90 | KR   |
| 615          | Rollmark Caliber                                               |                                                                                                                                       | 7-17-90 | LS   |
| 617          | Drill and Tap Sight Holes                                      |                                                                                                                                       | 7/27/90 | LB   |
| 618          | Polish Barrel RB                                               |                                                                                                                                       | 7/24/90 | LB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |                                                                                                                                       | 7-6-90  | JA   |
|              | Apply Coating (Bolt)                                           |                                                                                                                                       |         |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |                                                                                                                                       | 8/8/90  | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |                                                                                                                                       | 8/8/90  | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |                                                                                                                                       | 8/8/90  | RW   |
|              | D) Oil Firing Pin Ass'y                                        |                                                                                                                                       | 8/8/90  | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |                                                                                                                                       | 8-26-90 | DH   |

| op. #        | OP. NAME                                                    | READINGS |      |      |     |     | DATE    | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|-----|-----|---------|------|
| 625<br>cont. | F) Safety On Force                                          | 5        | 5.5  | 6    |     |     | 8/24/90 | RW   |
|              | G) Safety Off Force                                         | 3.5      | 3    | 3.5  |     |     | 8/24/90 | RW   |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |     |     | 8-26-90 | DH   |
|              | I) Firing Pin Indent                                        | .023     | .023 | .023 |     |     | 8/24/90 | RW   |
|              | J) Assemble Stock                                           |          |      |      |     |     | 8/27/90 | RW   |
|              | K) Assemble Swivel Studs                                    |          |      |      |     |     | 9/8/90  | ES   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |      |     |     | 8/27/90 | RW   |
|              | M) Iron Sight Alignment                                     |          |      |      |     |     | 8/27/90 | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |      |     |     | 8/27/90 | RW   |
|              | O) Attach Scope to Rifle                                    |          |      |      |     |     | 8/27/90 | RW   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |      |     |     | 8/27/90 | RW   |
| 640          | Gallery Target & Test                                       |          |      |      |     |     | 9/5/90  | KJ   |
|              | A) Time                                                     |          |      |      |     |     | 9/5/90  | KJ   |
|              | B) Malfunctions                                             |          |      |      |     |     | 9/5/90  | KJ   |
|              | C) Pierced Primers                                          |          |      |      |     |     | 9/5/90  | KJ   |
|              | D) Optical Clarity of Scope                                 |          |      |      |     |     | 9/5/90  | KJ   |
| 645          | Inspect for Live Ammo                                       |          |      |      |     |     | 9/5/90  | KJ   |
| 655          | Final Inspection                                            |          |      |      |     |     | 9/8/90  | QJ   |
|              | A) Headspace                                                |          |      |      |     |     | 9/8/90  | QJ   |
|              | B) Trigger Pull                                             | 278      | 276  | 271  | 281 | 286 | 9/8/90  | QJ   |
|              | C) Function                                                 |          |      |      |     |     | 9/8/90  | QJ   |
| 660          | Pack                                                        |          |      |      |     |     | 9/20/90 | VF   |

SWS TRIGGER PULL TEST

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

SERIAL NO. C6522260

DATE 8-23-90

TESTER DH

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |     | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-----|------------------------------------------------------------------------|
| PULL #1 | 2.53             | 2.65                     | 2.67                           | 278 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.59             | 2.74                     | 2.65                           | 276 |                                                                        |
| PULL #3 | 2.54             | 2.64                     | 2.61                           | 271 |                                                                        |
| PULL #4 | 2.58             | 2.64                     | 2.73                           | 281 |                                                                        |
| PULL #5 | 2.47             | 2.66                     | 2.38                           | 284 |                                                                        |
| TOTAL   | 12.71            | 13.33                    | 13.04                          |     |                                                                        |
| AVG.    | 2.54             | 2.66                     | 2.47                           |     |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.28             | 3.39                     |  |          |
| PULL #2 | 3.32             | 3.44                     |  |          |
| PULL #3 | 3.29             | 3.46                     |  |          |
| PULL #4 | 3.24             | 3.50                     |  |          |
| PULL #5 | 3.34             | 3.55                     |  |          |
| TOTAL   | 16.47            | 17.34                    |  |          |
| AVG.    | 3.29             | 3.47                     |  |          |

|         | 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             | 4.24                     |                                | 4.43                                 |
| PULL #2 | 4.24             | 4.33                     |                                | 4.43                                 |
| PULL #3 | 4.29             | 4.36                     |                                | 4.36                                 |
| PULL #4 | 4.31             | 4.12                     |                                | 4.41                                 |
| PULL #5 | 4.26             | 4.04                     |                                | 4.31                                 |
| TOTAL   | 21.36            | 21.09                    |                                | 21.94                                |
| AVG.    | 4.27             | 4.21                     |                                | 4.38                                 |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06522260  
6 Sep 1990

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .35249  |
| 1 TO | 2 | .156678 |
| 1 TO | 3 | .255155 |
| 1 TO | 4 | .127664 |
| 1 TO | 5 | .113741 |

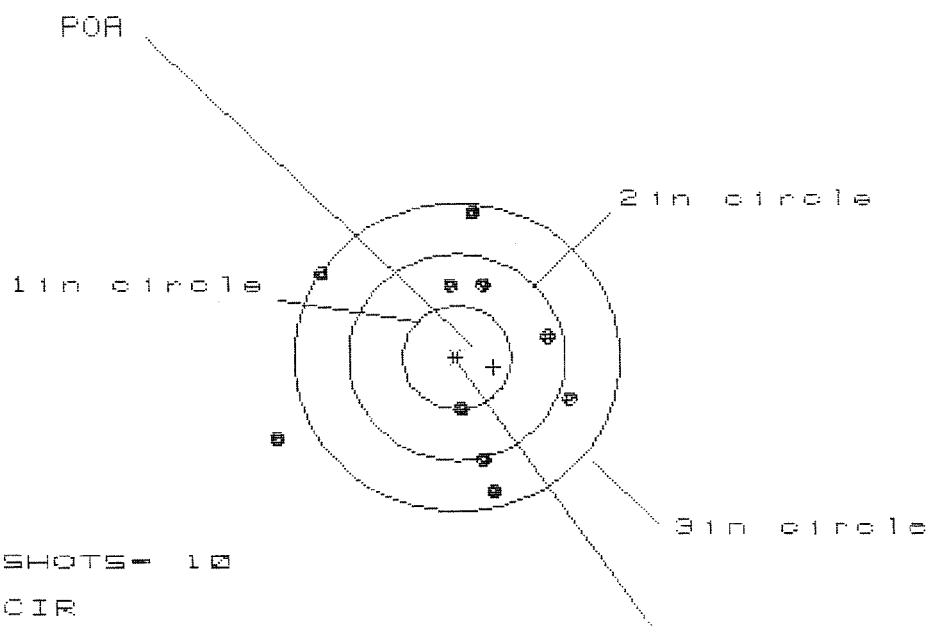
34 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2806  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0938  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .295863  
  
THE AMR FOR THIS RIFLE IS: 1.033

8 Sep 1938

FILE:/PATTERNING/CENTERFIRE\_PATT/C6522260

# CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.722

VS= 2.672

GS= 2.833

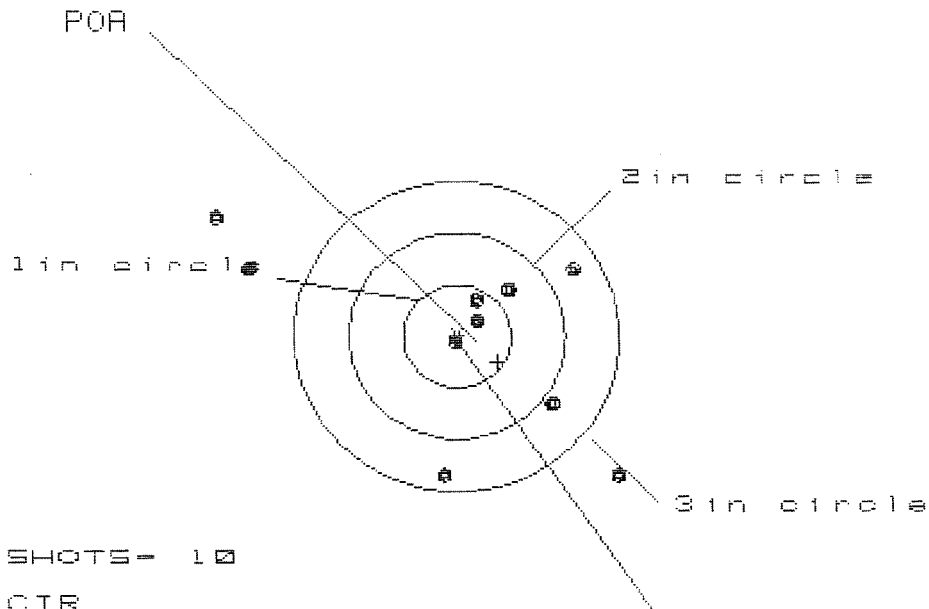
CENTROID #

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.053  | .868   | .693   |
| MINIMUM X                     | -1.669 | -1.402 | -.371  |
| MAXIMUM Y                     | 1.428  | 1.342  | 1.430  |
| MINIMUM Y                     | -1.244 | -1.330 | -1.242 |
| CENTROID X                    | -.340  | -.155  | .020   |
| CENTROID Y                    | .093   | .179   | .090   |
| POA TO CENTROID in.           | .353   | .237   | .093   |
| MIN RADIUS                    | .471   | .556   | .551   |
| MEAN RADIUS                   | 1.098  | .985   | .890   |
| MAX RADIUS                    | 1.839  | 1.569  | 1.452  |
| HORIZONTAL SPREAD             | 2.722  | 2.270  | 1.064  |
| VERTICAL SPREAD               | 2.672  | 2.672  | 2.672  |
| EXTREME SPREAD                | 2.833  | 2.680  | 2.680  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 5      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 9      |        |        |

6 Sep 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C85222B0

# CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1in = 3

2in = 4

3in = 7

HS= 3.667

VS= 2.513

GS= 4.445

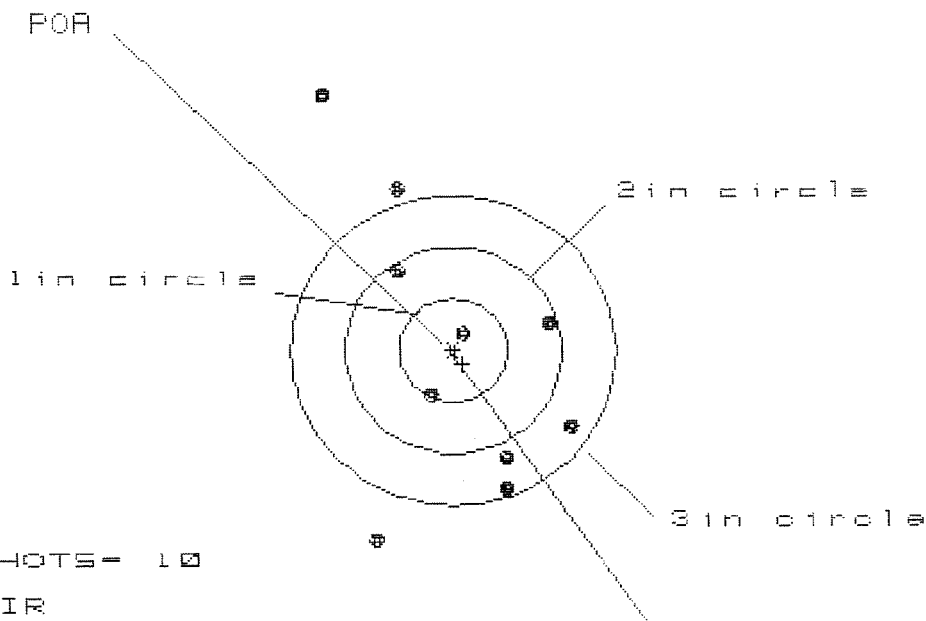
CENTROID \*

| PATTERN #                   | : | 2      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.466  | 1.221  | .947   |
| MINIMUM X                   | : | -2.202 | -2.188 | -.609  |
| MAXIMUM Y                   | : | 1.156  | .784   | .849   |
| MINIMUM Y                   | : | -1.357 | -1.229 | -1.131 |
| CENTROID X                  | : | -.378  | -.133  | .141   |
| CENTROID Y                  | : | .245   | .117   | .019   |
| POA TO CENTROID in.         | : | .450   | .177   | .142   |
| MIN RADIUS                  | : | .045   | .244   | .457   |
| MEAN RADIUS                 | : | 1.160  | 1.000  | .852   |
| MAX RADIUS                  | : | 2.486  | 2.324  | 1.475  |
| HORIZONTAL SPREAD           | : | 3.667  | 3.409  | 1.556  |
| VERTICAL SPREAD             | : | 2.513  | 2.013  | 1.980  |
| EXTREME SPREAD              | : | 4.445  | 3.959  | 2.265  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 7      |        |

6 Sep 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C8522260

# CENTERFIRE PATTERNS # 3



# OF SHOTS= 10

# IN CIR

1 in = 1

2 in = 4

3 in = 5

HS= 2.275

VS= 4.295

GS= 4.318

CENTROID #

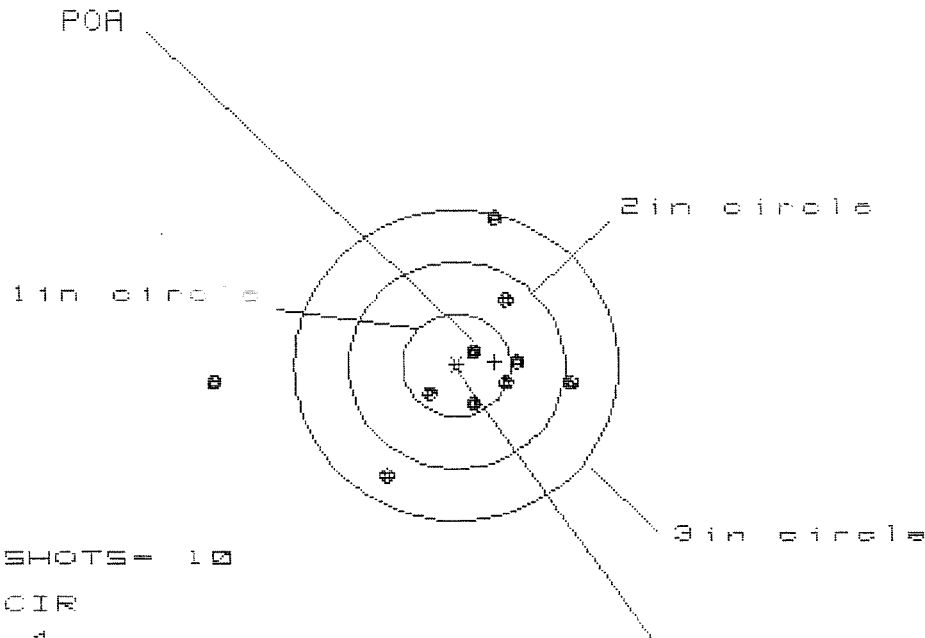
| PATTERN #                   | : | 3      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.188  | .978   | .872   |
| MINIMUM X                   | : | -1.167 | -.851  | -.742  |
| MAXIMUM Y                   | : | 2.488  | 1.871  | 1.680  |
| MINIMUM Y                   | : | -1.807 | -1.531 | -1.211 |
| CENTROID X                  | : | -.088  | .042   | .148   |
| CENTROID Y                  | : | .133   | -.143  | .048   |
| POA TO CENTROID in.         | : | .159   | .149   | .156   |
| MIN RADIUS                  | : | .199   | .377   | .313   |
| MEAN RADIUS                 | : | 1.289  | 1.094  | 1.003  |
| MAX RADIUS                  | : | 2.748  | 1.974  | 1.833  |
| HORIZONTAL SPREAD           | : | 2.275  | 1.829  | 1.614  |
| VERTICAL SPREAD             | : | 4.295  | 3.402  | 2.891  |
| EXTREME SPREAD              | : | 4.318  | 3.409  | 3.069  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 7      |        |

6 Sep 1998

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# CENTERFIRE PATTERNS

# 4



# OF SHOTS = 10

# IN CIR

1in = 4

2in = 6

3in = 9

HS = 3.283

VS = 2.446

GS = 3.283

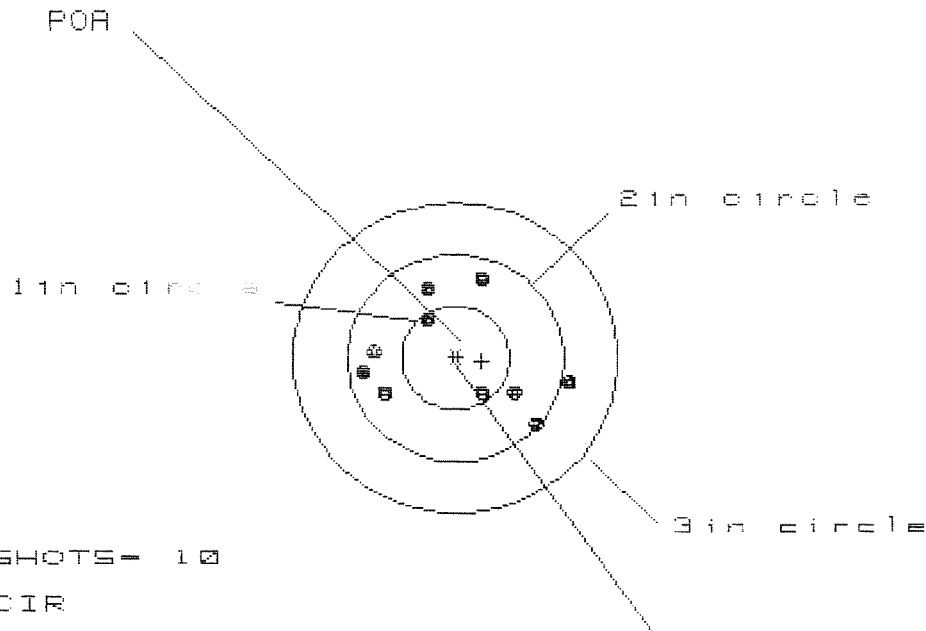
CENTROID #

| PATTERN #                     | : | 4      |        |       |
|-------------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)               | : | 10     | 9      | 8     |
| MAXIMUM X                     | : | 1.078  | .833   | .841  |
| MINIMUM X                     | : | -2.205 | -.862  | -.855 |
| MAXIMUM Y                     | : | 1.388  | 1.372  | .745  |
| MINIMUM Y                     | : | -1.058 | -1.074 | -.903 |
| CENTROID X                    | : | -.353  | -.108  | -.115 |
| CENTROID Y                    | : | -.034  | -.018  | -.189 |
| POA TO CENTROID in.           | : | .355   | .109   | .222  |
| MIN RADIUS                    | : | .214   | .160   | .172  |
| MEAN RADIUS                   | : | .863   | .653   | .551  |
| MAX RADIUS                    | : | 2.210  | 1.377  | 1.243 |
| HORIZONTAL SPREAD             | : | 3.283  | 1.695  | 1.695 |
| VERTICAL SPREAD               | : | 2.446  | 2.446  | 1.648 |
| EXTREME SPREAD                | : | 3.283  | 2.614  | 1.951 |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 4      |       |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 6      |       |
| NUMBER IN THREE INCH CIRCLE = |   |        | 9      |       |

6 Sep 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/06522260

# CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1in = 2

2in = 9

3in = 10

HS= 1.947

VS= 1.410

GS= 1.949

| PATTERN #                     | 5     |       |       |
|-------------------------------|-------|-------|-------|
| SHOTS (BEST OF)               | 10    | 9     | 8     |
| MAXIMUM X                     | 1.045 | .853  | .781  |
| MINIMUM X                     | -.902 | -.786 | -.680 |
| MAXIMUM Y                     | .740  | .717  | .631  |
| MINIMUM Y                     | -.670 | -.693 | -.471 |
| CENTROID X                    | -.244 | -.360 | -.466 |
| CENTROID Y                    | .032  | .055  | .141  |
| POA TO CENTROID in.           | .246  | .364  | .487  |
| MIN RADIUS                    | .394  | .415  | .303  |
| MEAN RADIUS                   | .757  | .711  | .640  |
| MAX RADIUS                    | 1.064 | 1.099 | .894  |
| HORIZONTAL SPREAD             | 1.947 | 1.639 | 1.461 |
| VERTICAL SPREAD               | 1.410 | 1.410 | 1.102 |
| EXTREME SPREAD                | 1.949 | 1.733 | 1.477 |
| NUMBER IN ONE INCH CIRCLE =   |       | 2     |       |
| NUMBER IN TWO INCH CIRCLE =   |       | 9     |       |
| NUMBER IN THREE INCH CIRCLE = |       | 10    |       |

**Remington®**  REG. U.S. PAT. & TM. OFF.

**MODEL 700™ H24**

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

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

|                               |                                 |
|-------------------------------|---------------------------------|
| <b>SERIAL NO.</b><br>C6522260 | <b>ORDER NO.</b><br><b>5716</b> |
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5716 C6522260

UPC



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