

06636158

MODEL 760<sup>TM</sup> M24

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

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.

*Remington*




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

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

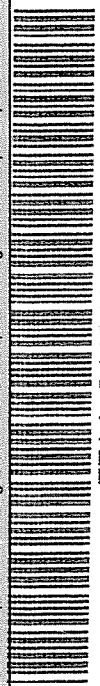
**MODEL 700™ H2A**

**SERIAL NO. C6636158**

**ORDER NO. 5716**

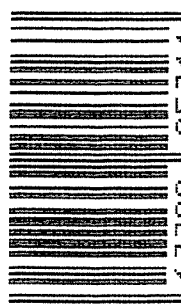
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.

06



5716 C6636158

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6636158

| OP. #        | OP. NAME                                                       | READINGS | DATE    | INIT |
|--------------|----------------------------------------------------------------|----------|---------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   |          | 4/23/91 | K.S. |
| 600          | Proof                                                          |          | 4/23/91 | K.S. |
| 607          | Check Headspace                                                |          | 4/23/91 | K.S. |
| 610          | Dis-assemble Gun                                               |          | 4/23/91 | K.S. |
| 612          | Magnaflux Barrel<br>Action                                     | 5 8 9 1  |         | Lcd  |
|              | Magnaflux Bolt                                                 | 5 8 9 1  |         | Lcd  |
| 615          | Rollmark Caliber                                               | 5 8 9 1  |         | GR.  |
| 617          | Drill and Tap Sight Holes                                      | 5 15 9 1 |         | LB   |
| 618          | Polish Barrel                                                  | 5 15 9 1 |         | W.B. |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 5-31-91 | AA   |
|              | Apply Coating (Bolt)                                           |          |         | AA   |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 4/11/91 | KS   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 4/11/91 | KS   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 4/11/91 | KS   |
|              | D) Oil Firing Pin Ass'y                                        |          | 4/11/91 | KS   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 6/12-91 | QA   |

| op. #        | OP. NAME                                                    | READINGS |       |       |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------|----------|-------|-------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                          | 6        | 6     | 6     |      |      | 6-12-91 | DH   |
|              | G) Safety Off Force                                         | 3        | 3     | 4     |      |      | 6-12-91 | DH   |
|              | H) Trigger Pull Test & Retainability                        |          |       |       |      |      | 6-12-91 | JH   |
|              | I) Firing Pin Indent                                        | 1.020    | 1.021 | 1.021 |      |      | 6-12-91 | DH   |
|              | J) Assemble Stock                                           |          |       |       |      |      | 6-12-91 | KS   |
|              | K) Assemble Swivel Studs                                    |          |       |       |      |      | 6-14-91 | JH   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |       |       |      |      | 4-12-91 | KS   |
|              | M) Iron Sight Alignment                                     |          |       |       |      |      | 4-12-91 | KS   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |       |       |      |      | 4-12-91 | KS   |
|              | O) Attach Scope to Rifle                                    |          |       |       |      |      | 4-12-91 | KS   |
|              | P) Detach & Attach Scope 20 Times                           |          |       |       |      |      | 4-12-91 | KS   |
| 640          | Gallery Target & Test                                       |          |       |       |      |      | 6-13-91 | KT   |
|              | A) Time                                                     |          |       |       |      |      |         | KT   |
|              | B) Malfunctions                                             |          |       |       |      |      |         | KT   |
|              | C) Pierced Primers                                          |          |       |       |      |      |         | KT   |
|              | D) Optical Clarity of Scope                                 |          |       |       |      |      |         | KT   |
| 645          | Inspect for Live Ammo                                       |          |       |       |      |      | 4-13-91 | KT   |
| 655          | Final Inspection                                            |          |       |       |      |      |         |      |
|              | A) Headspace                                                |          |       |       |      |      | 6-14-91 | JH   |
|              | B) Trigger Pull                                             | 2.28     | 2.49  | 2.35  | 2.28 | 2.39 | 6-14-91 | JH   |
|              | C) Function                                                 |          |       |       |      |      | 6-14-91 | JH   |
| 660          | Pack                                                        |          |       |       |      |      | 6-20-91 | VF   |

SWS TRIGGER PULL TEST

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

SERIAL NO. C6636158

DATE 6-12-91

TESTER JU.

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.56             | 2.60                     | 2.44                           | 2.28 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.45             | 2.68                     | 2.59                           | 2.49 |                                                                        |
| PULL #3 | 2.48             | 2.47                     | 2.55                           | 2.35 |                                                                        |
| PULL #4 | 2.57             | 2.58                     | 2.57                           | 2.28 |                                                                        |
| PULL #5 | 2.61             | 2.53                     | 2.50                           | 2.39 |                                                                        |
| TOTAL   |                  |                          |                                |      |                                                                        |
| AVG.    |                  |                          |                                |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.51             | 3.44                     |  |          |
| PULL #2 | 3.57             | 3.57                     |  |          |
| PULL #3 | 3.34             | 3.60                     |  |          |
| PULL #4 | 3.48             | 3.40                     |  |          |
| PULL #5 | 3.47             | 3.47                     |  |          |
| 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 | 4.62             | 4.24                     |                                | 4.36                                 |
| PULL #2 | 4.26             | 4.25                     |                                | 4.18                                 |
| PULL #3 | 4.21             | 4.23                     |                                | 4.46                                 |
| PULL #4 | 4.22             | 4.28                     |                                | 4.31                                 |
| PULL #5 | 4.33             | 4.38                     |                                | 4.54                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06636158  
13 Jun 1991

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .156371 |
| 1 TO | 2 | .675298 |
| 1 TO | 3 | .278045 |
| 1 TO | 4 | .333862 |
| 1 TO | 5 | .174771 |

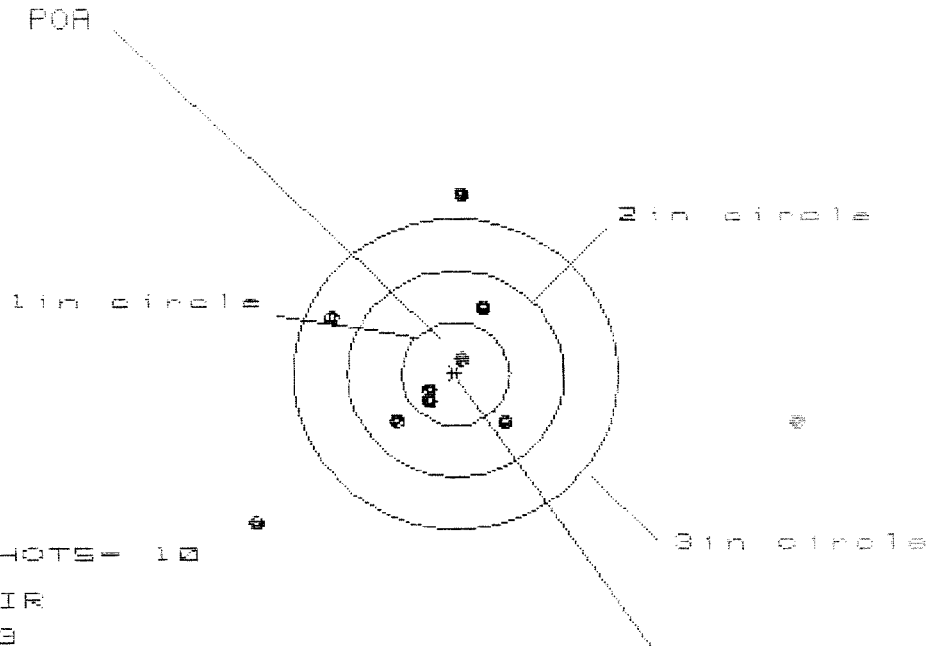
3rd <----POA  
2

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0018  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1548  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .175084  
THE AMR FOR THIS RIFLE IS: 1.06

13 Jun 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6836158

# CENTERFIRE PATTERNS # 1



# OF SHOTS= 10

# IN CIR

1in = 3

2in = 6

3in = 7

HS= 4.997

VS= 3.244

GS= 5.109

CENTROID \*

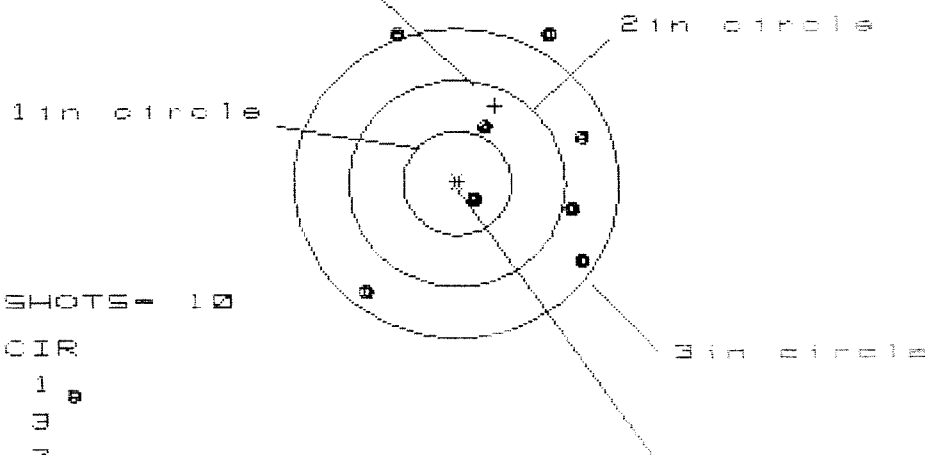
| PATTERN #                     | 1      | 2      | 3     |
|-------------------------------|--------|--------|-------|
| SHOTS (BEST OF)               | 10     | 9      | 8     |
| MAXIMUM X                     | 3.138  | .830   | .641  |
| MINIMUM X                     | -1.859 | -1.511 | -.954 |
| MAXIMUM Y                     | 1.774  | 1.729  | 1.539 |
| MINIMUM Y                     | -1.470 | -1.515 | -.733 |
| CENTROID X                    | -.056  | -.404  | -.215 |
| CENTROID Y                    | -.146  | -.101  | .088  |
| POA TO CENTROID in.           | .156   | .417   | .233  |
| MIN RADIUS                    | .169   | .193   | .196  |
| MEAN RADIUS                   | 1.143  | .906   | .746  |
| MAX RADIUS                    | 3.164  | 2.140  | 1.561 |
| HORIZONTAL SPREAD             | 4.997  | 2.341  | 1.595 |
| VERTICAL SPREAD               | 3.244  | 3.244  | 2.272 |
| EXTREME SPREAD                | 5.109  | 3.788  | 2.360 |
| NUMBER IN ONE INCH CIRCLE =   | 3      |        |       |
| NUMBER IN TWO INCH CIRCLE =   | 6      |        |       |
| NUMBER IN THREE INCH CIRCLE = | 7      |        |       |

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FILE:/PATTERNING/CENTERFIRE\_PATT/C6538158

# CENTERFIRE PATTERNS # 2

POA



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 3

3in = 7

HS= 4.754

VS= 3.497

GS= 5.642

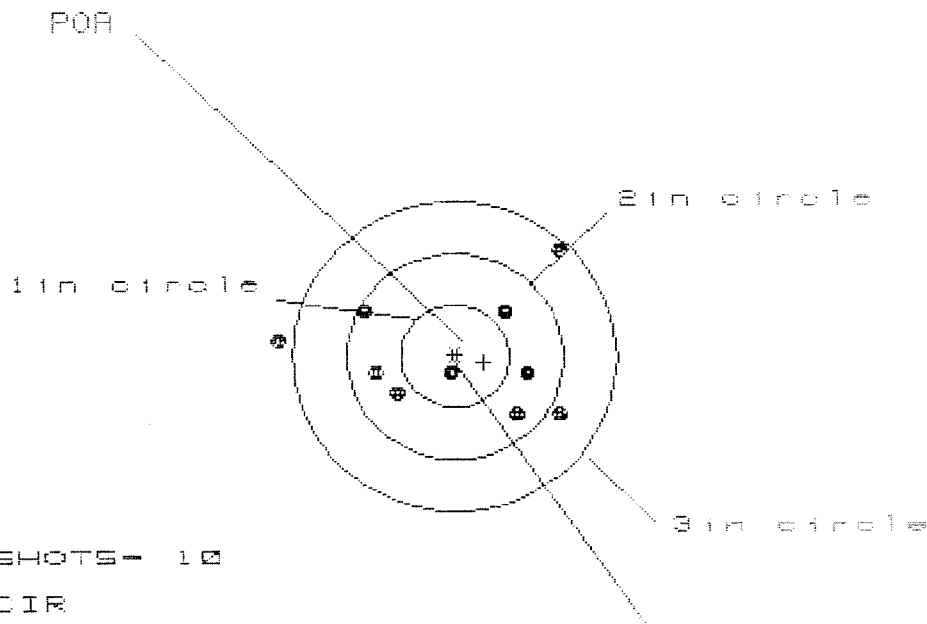
CENTROID #

| PATTERN #                   | : | 2      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.205  | .810   | .872   |
| MINIMUM X                   | : | -3.549 | -1.233 | -1.171 |
| MAXIMUM Y                   | : | 1.425  | 1.195  | 1.343  |
| MINIMUM Y                   | : | -2.072 | -1.304 | -1.156 |
| CENTROID X                  | : | -.356  | .039   | -.023  |
| CENTROID Y                  | : | -.751  | -.521  | -.669  |
| POA TO CENTROID in.         | : | .831   | .522   | .669   |
| MIN RADIUS                  | : | .238   | .298   | .288   |
| MEAN RADIUS                 | : | 1.381  | .952   | .915   |
| MAX RADIUS                  | : | 4.110  | 1.795  | 1.646  |
| HORIZONTAL SPREAD           | : | 4.754  | 2.043  | 2.043  |
| VERTICAL SPREAD             | : | 3.497  | 2.499  | 2.499  |
| EXTREME SPREAD              | : | 5.642  | 3.029  | 2.806  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 3      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 7      |        |

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# CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 7

3in = 9

HS= 2.589

VS= 1.615

GS= 2.726

CENTROID \*

| PATTERN #                   | : | 3      |        |       |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.001  | .824   | .925  |
| MINIMUM X                   | : | -1.588 | -1.020 | -.919 |
| MAXIMUM Y                   | : | 1.011  | 1.023  | .617  |
| MINIMUM Y                   | : | -.604  | -.592  | -.464 |
| CENTROID X                  | : | -.264  | -.087  | -.188 |
| CENTROID Y                  | : | .057   | .045   | -.083 |
| POA TO CENTROID in.         | : | .270   | .098   | .206  |
| MIN RADIUS                  | : | .149   | .268   | .137  |
| MEAN RADIUS                 | : | .884   | .798   | .713  |
| MAX RADIUS                  | : | 1.592  | 1.303  | 1.107 |
| HORIZONTAL SPREAD           | : | 2.589  | 1.844  | 1.844 |
| VERTICAL SPREAD             | : | 1.615  | 1.615  | 1.081 |
| EXTREME SPREAD              | : | 2.726  | 2.133  | 2.133 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |       |

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FILE:/PATTERNING/CENTERFIRE\_PATT/C8835158

# CENTERFIRE PATTERNS

# 4

POA

1 in circle

2 in circle

3 in circle

# OF SHOTS = 10

# IN CIR

1 in = 3

2 in = 7

3 in = 8

HS = 2.746

VS = 2.840

GS = 3.070

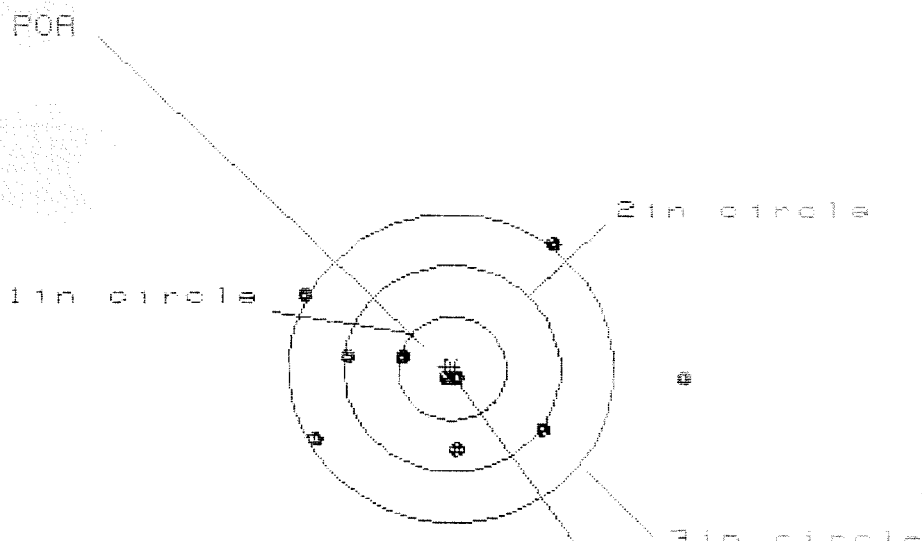
CENTROID #

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 4      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.711  | 1.596  | .758   |
| MINIMUM X                   | : | -1.035 | -.789  | -.589  |
| MAXIMUM Y                   | : | 1.417  | .989   | 1.014  |
| MINIMUM Y                   | : | -1.423 | -1.266 | -1.241 |
| CENTROID X                  | : | .186   | .301   | .101   |
| CENTROID Y                  | : | .084   | -.073  | -.098  |
| POA TO CENTROID in.         | : | .204   | .310   | .141   |
| MIN RADIUS                  | : | .223   | .291   | .227   |
| MEAN RADIUS                 | : | .895   | .801   | .569   |
| MAX RADIUS                  | : | 1.754  | 1.609  | 1.241  |
| HORIZONTAL SPREAD           | : | 2.746  | 2.385  | 1.347  |
| VERTICAL SPREAD             | : | 2.840  | 2.255  | 2.255  |
| EXTREME SPREAD              | : | 3.070  | 2.444  | 2.255  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |        |

13 Jun 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C8686158

# CENTERFIRE PATTERNS # 5



# OF SHOTS= 10

# IN CIR

1in = 3

2in = 5

3in = 7

HS= 3.513

VS= 1.920

GS= 3.602

CENTROID #

| PATTERN #                     | 5      | 9      | 8      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 2.142  | 1.187  | 1.045  |
| MINIMUM X                     | -1.371 | -1.133 | -1.133 |
| MAXIMUM Y                     | 1.172  | 1.168  | 1.263  |
| MINIMUM Y                     | -0.748 | -0.752 | -0.657 |
| CENTROID X                    | .063   | -0.175 | -0.033 |
| CENTROID Y                    | -0.018 | -0.014 | -0.109 |
| POA TO CENTROID in.           | .066   | .175   | .114   |
| MIN RADIUS                    | .066   | .209   | .058   |
| MEAN RADIUS                   | .998   | .859   | .770   |
| MAX RADIUS                    | 2.142  | 1.665  | 1.639  |
| HORIZONTAL SPREAD             | 3.513  | 2.320  | 2.178  |
| VERTICAL SPREAD               | 1.920  | 1.920  | 1.920  |
| EXTREME SPREAD                | 3.602  | 2.877  | 2.877  |
| NUMBER IN ONE INCH CIRCLE =   | 3      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 5      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 7      |        |        |