

C6498854

MODEL 700<sup>TM</sup> M24

Model S&S <sup>TM</sup>

Action

Barrel Length

Capacity

Order No. 5715

\*Includes 1 in chamber.

*Remington*

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498864

| OP. #     | OP. NAME                                                 | READINGS | DATE    | INIT |
|-----------|----------------------------------------------------------|----------|---------|------|
| 575 & 580 | Assemble Action and Stock                                | 5 17     | 90      | RW   |
| 600       | Proof                                                    | 5 17     | 90      | RW   |
| 607       | Check Headspace                                          | 5 17     | 90      | RW   |
| 610       | Dis-assemble Gun                                         | 5 17     | 90      | RW   |
| 612       | Magnaflux Barrel Action                                  |          | 5/22/90 | KCR  |
|           | Magnaflux Bolt                                           |          | 5/22/90 | KCR  |
| 615       | Rollmark Caliber                                         |          | 5/22/90 | GS   |
| 617       | Drill and Tap Sight Holes                                |          | 5/23/90 | FB   |
| 618       | Polish Barrel RB                                         |          | 5/24/90 | WB   |
| 620       | Apply Coatings (Barrel Action)                           |          | 6-4-90  | JA   |
|           | Apply Coating (Bolt)                                     |          |         |      |
| 625       | Final Assembly                                           |          |         |      |
|           | A) Clean inside of Bolt Assembly                         |          | 6/12/90 | RW   |
|           | B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head |          | 6/12/90 | RW   |
|           | C) Inspect Ejector Hole for Chamfer                      |          | 6/12/90 | RW   |
|           | D) Oil Firing Pin Ass'y                                  |          | 6/12/90 | RW   |
|           | E) Adjust Trigger Pull to Min Setting and Stake          |          | 8/24/90 | JA   |

| BARBER - M24 0009125 |                                                             | READINGS |       |       |      |      | DATE    | INIT |
|----------------------|-------------------------------------------------------------|----------|-------|-------|------|------|---------|------|
| op. #                | OP. NAME                                                    |          |       |       |      |      |         |      |
| 625<br>cont.         | F) Safety On Force                                          | 5        | 5     | 5     |      |      | 7/24/90 | JK   |
|                      | G) Safety Off Force                                         | 3        | 3     | 3     |      |      | 7/24/90 | JK   |
|                      | H) Trigger Pull Test & Retainability                        |          |       |       |      |      | 8/24/90 | JK   |
|                      | I) Firing Pin Indent                                        | .024     | .0235 | .0235 |      |      | 7/24/90 | JK   |
|                      | J) Assemble Stock                                           |          |       |       |      |      | 8/1/90  | RW   |
|                      | K) Assemble Swivel Studs                                    |          |       |       |      |      | 8/29/90 | JS   |
|                      | L) Attach Front and Rear Sight Assemblies                   |          |       |       |      |      | 8/1/90  | RW   |
|                      | M) Iron Sight Alignment                                     |          |       |       |      |      | 8/1/90  | RW   |
|                      | N) Detach Front & Rear Sights & place in numbered container |          |       |       |      |      | 8/1/90  | RW   |
|                      | O) Attach Scope to Rifle                                    |          |       |       |      |      | 8/1/90  | RW   |
|                      | P) Detach & Attach Scope 20 Times                           |          |       |       |      |      | 8/1/90  | RW   |
| 640                  | Gallery Target & Test                                       |          |       |       |      |      | 8-2-90  | AC   |
|                      | A) Time                                                     |          |       |       |      |      | 8-2-90  | AC   |
|                      | B) Malfunctions                                             |          |       |       |      |      | 8-2-90  | AC   |
|                      | C) Pierced Primers                                          |          |       |       |      |      | 8-2-90  | AC   |
|                      | D) Optical Clarity of Scope                                 |          |       |       |      |      | 8-2-90  | AC   |
| 645                  | Inspect for Live Ammo                                       |          |       |       |      |      | 8-2-90  | AC   |
| 655                  | Final Inspection                                            |          |       |       |      |      |         |      |
|                      | A) Headspace                                                |          |       |       |      |      | 8/29/90 | JS   |
|                      | B) Trigger Pull                                             | 2.33     | 2.30  | 2.24  | 2.42 | 2.37 | 8/24/90 | JK   |
|                      | C) Function                                                 |          |       |       |      |      |         |      |
| 660                  | Pack                                                        |          |       |       |      |      | 9/19/90 | VF   |

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

SERIAL NO 26498864DATE 8/24/90TESTER gk

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-------|------------------------------------------------------------------------|
| PULL #1 | 2.35             | 2.33                     | 2.31                           | 2.33  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.37             | 2.41                     | 2.28                           | 2.30  |                                                                        |
| PULL #3 | 2.30             | 2.32                     | 2.34                           | 2.24  |                                                                        |
| PULL #4 | 2.23             | 2.33                     | 2.30                           | 2.42  |                                                                        |
| PULL #5 | 2.25             | 2.29                     | 2.35                           | 2.37  |                                                                        |
| TOTAL   | 11.50            | 11.68                    | 11.58                          | 11.66 |                                                                        |
| AVG.    | 2.3              | 2.336                    | 2.316                          | 2.332 |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.41             | 3.42                     |  |          |
| PULL #2 | 3.38             | 3.46                     |  |          |
| PULL #3 | 3.35             | 3.31                     |  |          |
| PULL #4 | 3.40             | 3.39                     |  |          |
| PULL #5 | 3.42             | 3.42                     |  |          |
| TOTAL   | 16.96            | 17.00                    |  |          |
| AVG.    | 3.392            | 3.4                      |  |          |

|         | 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 | 4.41             | 4.26                     |                                | 4.26                                 |
| PULL #2 | 4.29             | 4.30                     |                                | 4.38                                 |
| PULL #3 | 4.22             | 4.30                     |                                | 4.29                                 |
| PULL #4 | 4.31             | 4.31                     |                                | 4.27                                 |
| PULL #5 | 4.31             | 4.33                     |                                | 4.29                                 |
| TOTAL   | 21.54            | 21.50                    |                                | 21.49                                |
| AVG.    | 4.308            | 4.3                      |                                | 4.298                                |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6498864  
2 Aug 1990

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .187553 |
| 1 TO | 2 | .227502 |
| 1 TO | 3 | 1.00887 |
| 1 TO | 4 | .396793 |
| 1 TO | 5 | .17746  |

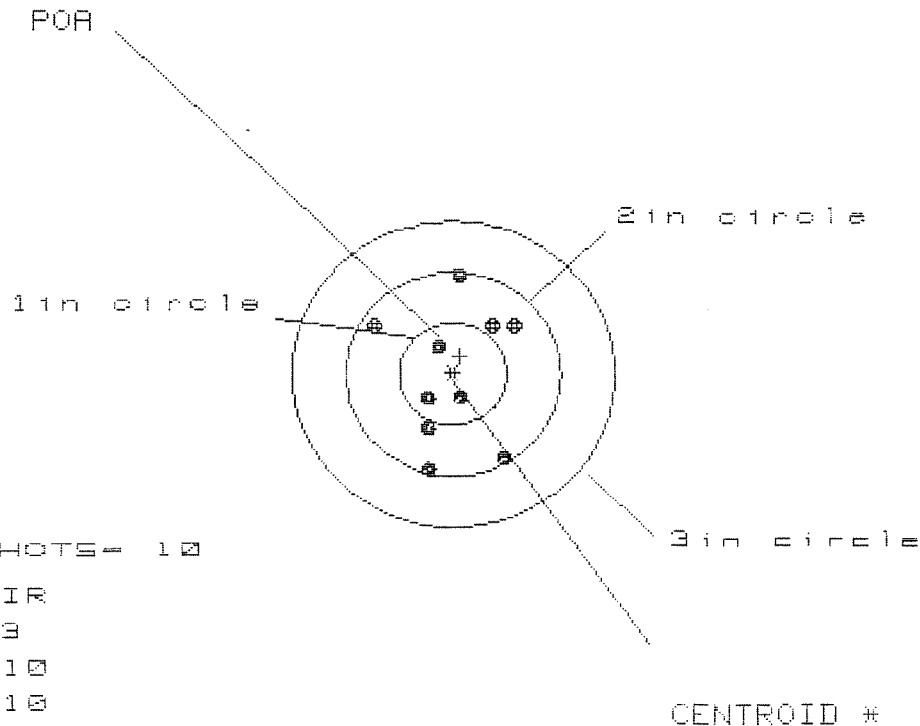
3  
2 1/2 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0826  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.085  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .118523  
THE AMR FOR THIS RIFLE IS: .756

2 Aug 1998

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## CENTERFIRE PATTERNS # 1



# OF SHOTS= 10

# IN CIR

1in = 3

2in = 10

3in = 10

HS= 1.235

VS= 1.913

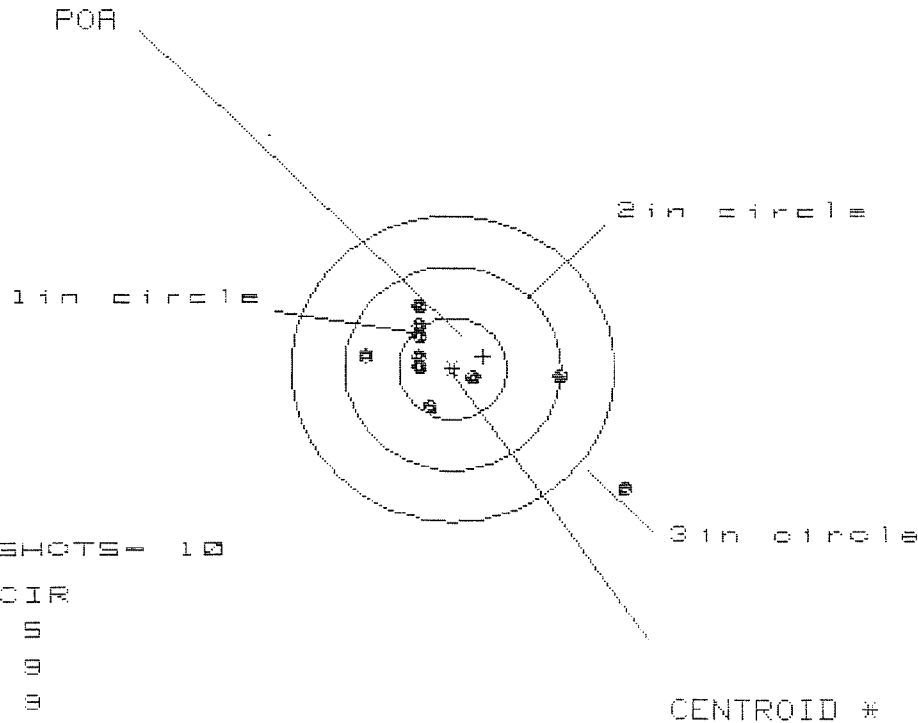
GS= 1.947

| PATTERN #                   | : | 1     | 2     | 3     |
|-----------------------------|---|-------|-------|-------|
| SHOTS (BEST OF)             | : | 10    | 9     | 8     |
| MAXIMUM X                   | : | .527  | .538  | .588  |
| MINIMUM X                   | : | -.708 | -.697 | -.728 |
| MAXIMUM Y                   | : | .990  | .614  | .512  |
| MINIMUM Y                   | : | -.923 | -.813 | -.798 |
| CENTROID X                  | : | -.070 | -.081 | -.050 |
| CENTROID Y                  | : | -.174 | -.284 | -.182 |
| POA TO CENTROID in.         | : | .188  | .296  | .189  |
| MIN RADIUS                  | : | .230  | .136  | .217  |
| MEAN RADIUS                 | : | .648  | .594  | .566  |
| MAX RADIUS                  | : | .995  | .878  | .940  |
| HORIZONTAL SPREAD           | : | 1.235 | 1.235 | 1.235 |
| VERTICAL SPREAD             | : | 1.913 | 1.427 | 1.311 |
| EXTREME SPREAD              | : | 1.947 | 1.736 | 1.736 |
| NUMBER IN ONE INCH CIRCLE   | = | 3     |       |       |
| NUMBER IN TWO INCH CIRCLE   | = | 10    |       |       |
| NUMBER IN THREE INCH CIRCLE | = | 10    |       |       |

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## CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1in = 5

2in = 9

3in = 9

HS= 2.382

VS= 1.818

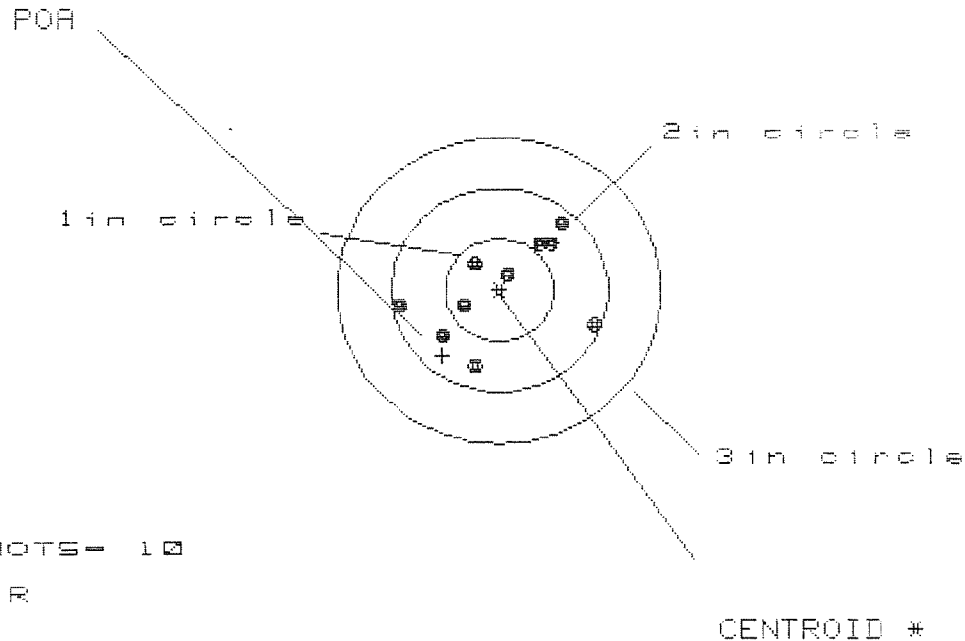
GS= 2.715

| PATTERN #                   | : | 2      |       |       |
|-----------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | 1.545  | 1.137 | .478  |
| MINIMUM X                   | : | -.837  | -.666 | -.523 |
| MAXIMUM Y                   | : | .646   | .515  | .492  |
| MINIMUM Y                   | : | -1.172 | -.556 | -.579 |
| CENTROID X                  | : | -.291  | -.462 | -.605 |
| CENTROID Y                  | : | -.120  | .011  | .034  |
| POA TO CENTROID in.         | : | .314   | .463  | .606  |
| MIN RADIUS                  | : | .182   | .173  | .036  |
| MEAN RADIUS                 | : | .684   | .473  | .343  |
| MAX RADIUS                  | : | 1.939  | 1.152 | .596  |
| HORIZONTAL SPREAD           | : | 2.382  | 1.803 | 1.001 |
| VERTICAL SPREAD             | : | 1.818  | 1.071 | 1.071 |
| EXTREME SPREAD              | : | 2.715  | 1.813 | 1.081 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 5     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 9     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9     |       |

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## CENTERFIRE PATTERNS # 3



# OF SHOTS= 10

# IN CIR

1in = 3

2in = 10

3in = 10

HS= 1.715

VS= 1.435

GS= 1.726

| PATTERN #                   | : | 3     |       |       |
|-----------------------------|---|-------|-------|-------|
| SHOTS (BEST OF)             | : | 10    | 9     | 8     |
| MAXIMUM X                   | : | .831  | .626  | .527  |
| MINIMUM X                   | : | -.884 | -.792 | -.571 |
| MAXIMUM Y                   | : | .664  | .624  | .596  |
| MINIMUM Y                   | : | -.770 | -.811 | -.839 |
| CENTROID X                  | : | .526  | .434  | .533  |
| CENTROID Y                  | : | .640  | .681  | .709  |
| POA TO CENTROID in.         | : | .829  | .808  | .886  |
| MIN RADIUS                  | : | .179  | .223  | .125  |
| MEAN RADIUS                 | : | .630  | .588  | .549  |
| MAX RADIUS                  | : | .909  | .884  | .865  |
| HORIZONTAL SPREAD           | : | 1.715 | 1.418 | 1.098 |
| VERTICAL SPREAD             | : | 1.435 | 1.435 | 1.435 |
| EXTREME SPREAD              | : | 1.726 | 1.649 | 1.614 |
| NUMBER IN ONE INCH CIRCLE   | = |       | 3     |       |
| NUMBER IN TWO INCH CIRCLE   | = |       | 10    |       |
| NUMBER IN THREE INCH CIRCLE | = |       | 10    |       |

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## CENTERFIRE PATTERNS

# 4

POA

1 in circle

2 in circle

3 in circle

# OF SHOTS- 10

# IN CIR

1 in = 1

2 in = 7

3 in = 9

HS= 2.349

VS= 2.787

GS= 2.811

CENTROID #

| PATTERN #                   | : | 4      |        |       |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | .978   | .992   | .822  |
| MINIMUM X                   | : | -1.371 | -1.357 | -.754 |
| MAXIMUM Y                   | : | 1.789  | .960   | .925  |
| MINIMUM Y                   | : | -.998  | -.799  | -.834 |
| CENTROID X                  | : | .204   | .190   | .360  |
| CENTROID Y                  | : | -.461  | -.660  | -.625 |
| POA TO CENTROID in.         | : | .504   | .687   | .721  |
| MIN RADIUS                  | : | .151   | .330   | .377  |
| MEAN RADIUS                 | : | .890   | .775   | .686  |
| MAX RADIUS                  | : | 1.793  | 1.386  | 1.193 |
| HORIZONTAL SPREAD           | : | 2.349  | 2.349  | 1.576 |
| VERTICAL SPREAD             | : | 2.787  | 1.759  | 1.759 |
| EXTREME SPREAD              | : | 2.811  | 2.367  | 2.068 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |       |

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## CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID #

# OF SHOTS= 10

# IN CIR

1in = 1

2in = 6

3in = 10

HS= 2.091

VS= 2.093

GS= 2.191

| PATTERN #                   | : | 5      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.267  | 1.236  | .875   |
| MINIMUM X                   | : | -.824  | -.855  | -.701  |
| MAXIMUM Y                   | : | .842   | .703   | .703   |
| MINIMUM Y                   | : | -1.251 | -1.110 | -1.110 |
| CENTROID X                  | : | .044   | .075   | -.079  |
| CENTROID Y                  | : | -.310  | -.171  | -.171  |
| POA TO CENTROID in.         | : | .313   | .186   | .189   |
| MIN RADIUS                  | : | .441   | .521   | .559   |
| MEAN RADIUS                 | : | .928   | .873   | .821   |
| MAX RADIUS                  | : | 1.284  | 1.236  | 1.153  |
| HORIZONTAL SPREAD           | : | 2.091  | 2.091  | 1.576  |
| VERTICAL SPREAD             | : | 2.093  | 1.813  | 1.813  |
| EXTREME SPREAD              | : | 2.191  | 2.191  | 1.929  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |        |

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

**MODEL 700™ H24**

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

**SERIAL NO.**  
C6498864

**ORDER NO.**  
5716

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

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0 47700 25716 7