

C6523501

MODEL 700<sup>TM</sup> M24

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

Action

Barrel Length

Capacity

Order No. **5715**

\*Includes 1 in chamber.

*Remington*

**Remington**  
MODEL 700<sup>TM</sup> M24

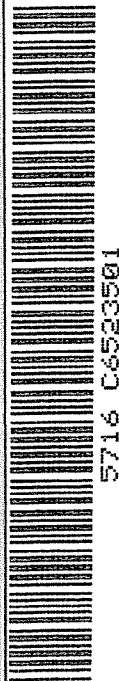
VERY IMPORTANT:  
Instruction Book  
enclosed to assure  
safe use of this  
firearm.

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

SERIAL NO.  
C6523501

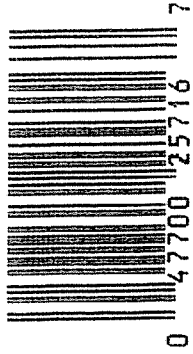
ORDER NO.  
**5716**

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



5716 C6523501

UPC



0 47700 25716 7

INTERCHANGEABILITY

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523501

| OP. #        | OP. NAME                                                       | READINGS | DATE     | INIT |
|--------------|----------------------------------------------------------------|----------|----------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 1019     | 90       | RW   |
| 600          | Proof                                                          | 1019     | 90       | RW   |
| 607          | Check Headspace                                                | 1019     | 90       | RW   |
| 610          | Dis-assemble Gun                                               | 1019     | 90       | RW   |
| 612          | Magnaflux Barrel<br>Action                                     |          | 10/23/90 | KR   |
|              | Magnaflux Bolt                                                 |          | 10/23/90 | KR   |
| 615          | Rollmark Caliber                                               |          | 10/23/90 | GL   |
| 617          | Drill and Tap Sight Holes                                      |          | 10/26/90 | FB   |
| 618          | Polish Barrel RWB                                              |          | 10/29/90 | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 11-7-90  | TH   |
|              | Apply Coating (Bolt)                                           |          |          |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 11/15/90 | WB   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 11/15/90 | WB   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 11/15/90 | WB   |
|              | D) Oil Firing Pin Ass'y                                        |          | 11/15/90 | WB   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 11.16.90 | gpl  |

| op. #        | OP. NAME                                                    | READINGS |       |       | DATE     | INIT |          |     |
|--------------|-------------------------------------------------------------|----------|-------|-------|----------|------|----------|-----|
| 625<br>cont. | F) Safety On Force                                          | 4        | 4     | 4     | 11/16/90 | WB   |          |     |
|              | G) Safety Off Force                                         | 2 1/4    | 2 1/4 | 2 1/4 | 11/16/90 | WB   |          |     |
|              | H) Trigger Pull Test & Retainability                        |          |       |       | 11-16-90 | RM   |          |     |
|              | I) Firing Pin Indent                                        | .024     | .0245 | .024  | 11/16/90 | WB   |          |     |
|              | J) Assemble Stock                                           |          |       |       | 11/16/90 |      |          |     |
|              | K) Assemble Swivel Studs                                    |          |       |       | 11-30-90 | JDS  |          |     |
|              | L) Attach Front and Rear Sight Assemblies                   |          |       |       | 11/23/90 | RW   |          |     |
|              | M) Iron Sight Alignment                                     |          |       |       | 11/23/90 | RW   |          |     |
|              | N) Detach Front & Rear Sights & place in numbered container |          |       |       | 11/23/90 | RW   |          |     |
|              | O) Attach Scope to Rifle                                    |          |       |       | 11/23/90 | RW   |          |     |
|              | P) Detach & Attach Scope 20 Times                           |          |       |       | 11/23/90 | RW   |          |     |
| 640          | Gallery Target & Test                                       |          |       |       | 11/28/90 | RF   |          |     |
|              | A) Time                                                     |          |       |       | "        | RF   |          |     |
|              | B) Malfunctions                                             |          |       |       | "        | RF   |          |     |
|              | C) Pierced Primers                                          |          |       |       | "        | RF   |          |     |
|              | D) Optical Clarity of Scope                                 |          |       |       | "        | RF   |          |     |
| 645          | Inspect for Live Ammo                                       |          |       |       | 11/28/90 | RF   |          |     |
| 655          | Final Inspection                                            |          |       |       |          |      |          |     |
|              | A) Headspace                                                |          |       |       | 11-30-90 | JDS  |          |     |
|              | B) Trigger Pull                                             | 2.38     | 214   | 206   | 259      | 242  | 11-30-90 | JDS |
|              | C) Function                                                 |          |       |       |          |      | 11-30-90 | JDS |
| 660          | Pack                                                        |          |       |       |          |      | 12-17-90 | DF  |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. CL523501

DATE 11-16-90

TESTER JM

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.41             | 2.20                     | 2.43                           | 2.38 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.36             | 2.33                     | 2.45                           | 2.14 |                                                                        |
| PULL #3 | 2.47             | 2.31                     | 2.36                           | 2.06 |                                                                        |
| PULL #4 | 2.42             | 2.49                     | 2.38                           | 2.59 |                                                                        |
| PULL #5 | 2.50             | 2.46                     | 2.35                           | 2.42 |                                                                        |
| TOTAL   |                  |                          |                                |      |                                                                        |
| AVG.    |                  |                          |                                |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.36             | 3.22                     |  |          |
| PULL #2 | 3.25             | 3.28                     |  |          |
| PULL #3 | 3.32             | 3.17                     |  |          |
| PULL #4 | 3.29             | 3.25                     |  |          |
| PULL #5 | 3.23             | 3.17                     |  |          |
| 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 | 4.32             | 4.28                     |                                | 4.21                                 |
| PULL #2 | 4.21             | 4.13                     |                                | 4.24                                 |
| PULL #3 | 4.19             | 4.19                     |                                | 4.19                                 |
| PULL #4 | 4.15             | 4.39                     |                                | 4.12                                 |
| PULL #5 | 4.23             | 4.24                     |                                | 4.23                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

# INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6523501  
12 Dec 1990

## CENTROIDAL DISTANCES

|   |    |   |          |
|---|----|---|----------|
| 0 | TO | 1 | .0876926 |
| 1 | TO | 2 | .361668  |
| 1 | TO | 3 | .330946  |
| 1 | TO | 4 | .079712  |
| 1 | TO | 5 | .178017  |

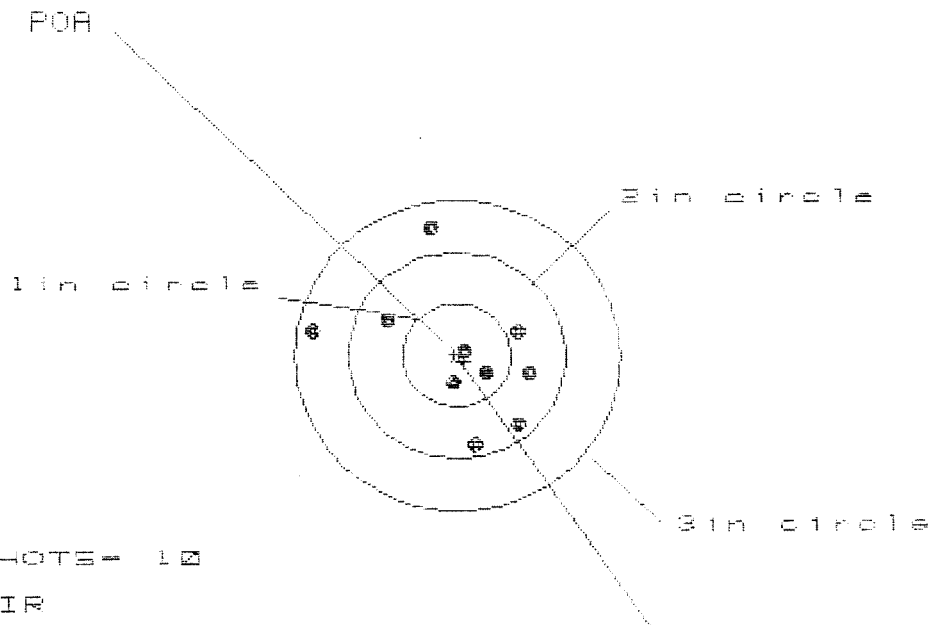
★ <----POI

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1104  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1166  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .160573  
THE AMR FOR THIS RIFLE IS: .9856

12 Dec 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C8523581

## CENTERFIRE PATTERNS # 1



# OF SHOTS = 10

# IN CIR

1 in = 3

2 in = 8

3 in = 10

HS = 1.875

VS = 2.140

GS = 2.165

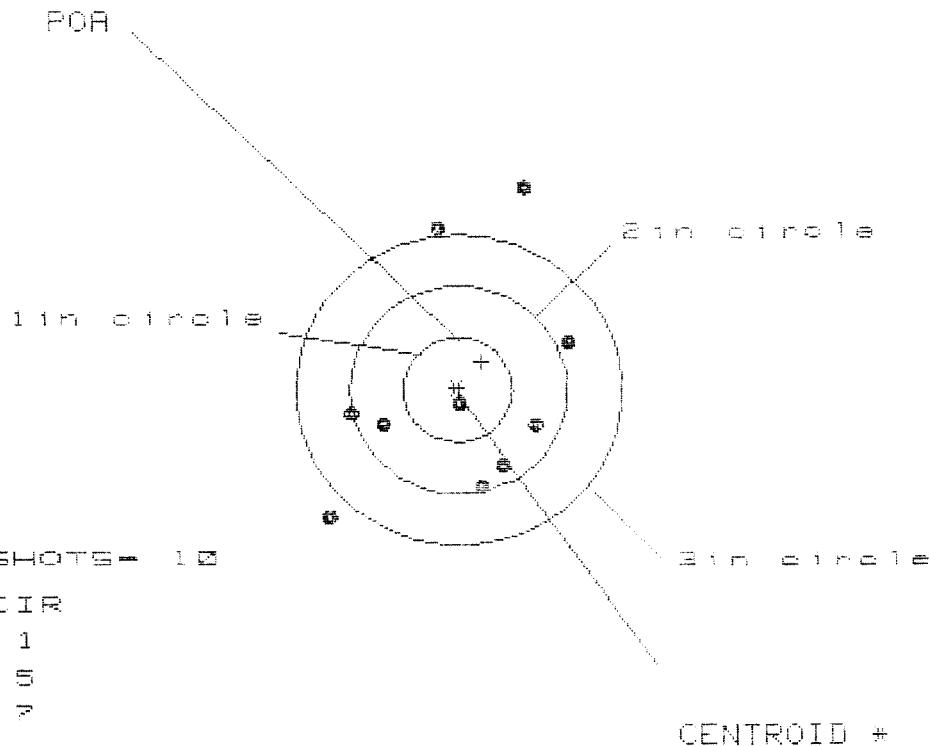
CENTROID #

| PATTERN #                   | : | 1      | 2     | 3     |
|-----------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | .623   | .472  | .428  |
| MINIMUM X                   | : | -1.352 | -.803 | -.847 |
| MAXIMUM Y                   | : | 1.244  | 1.268 | .524  |
| MINIMUM Y                   | : | -.896  | -.872 | -.713 |
| CENTROID X                  | : | -.063  | .088  | .132  |
| CENTROID Y                  | : | .061   | .037  | -.122 |
| POR TO CENTROID in.         | : | .087   | .095  | .179  |
| MIN RADIUS                  | : | .044   | .123  | .118  |
| MEAN RADIUS                 | : | .698   | .596  | .484  |
| MAX RADIUS                  | : | 1.369  | 1.317 | .996  |
| HORIZONTAL SPREAD           | : | 1.975  | 1.275 | 1.275 |
| VERTICAL SPREAD             | : | 2.140  | 2.140 | 1.237 |
| EXTREME SPREAD              | : | 2.165  | 2.165 | 1.585 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 8     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10    |       |

12 Dec 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/06529581

## CENTERFIRE PATTERNS # 2



# OF SHOTS = 10

# IN CIR

1 in = 1

2 in = 5

3 in = 7

HS = 2.162

VS = 3.194

GS = 3.679

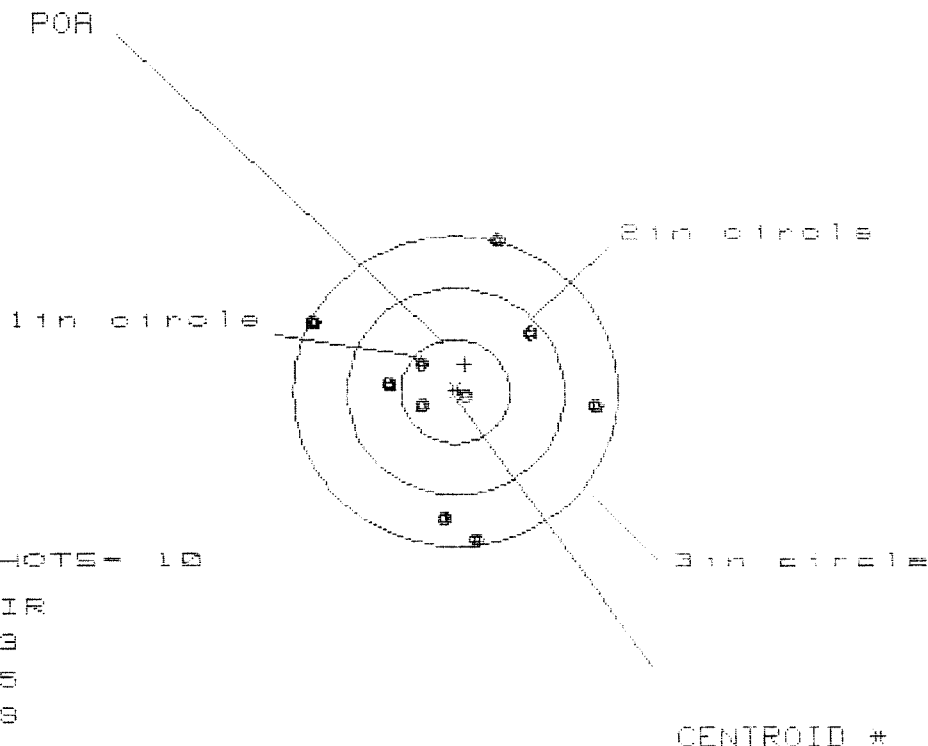
| PATTERN #                   | : | 2      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | .992   | 1.065  | .928   |
| MINIMUM X                   | : | -1.170 | -1.097 | -1.064 |
| MAXIMUM Y                   | : | 1.989  | 1.749  | 1.626  |
| MINIMUM Y                   | : | -1.206 | -.985  | -.859  |
| CENTROID X                  | : | -.211  | -.284  | -.147  |
| CENTROID Y                  | : | -.269  | -.490  | -.367  |
| POA TO CENTROID in.         | : | .342   | .567   | .336   |
| MIN RADIUS                  | : | .155   | .104   | .081   |
| MEAN RADIUS                 | : | 1.097  | .938   | .869   |
| MAX RADIUS                  | : | 2.094  | 1.754  | 1.647  |
| HORIZONTAL SPREAD           | : | 2.162  | 2.162  | 1.992  |
| VERTICAL SPREAD             | : | 3.194  | 2.734  | 2.485  |
| EXTREME SPREAD              | : | 3.679  | 2.903  | 2.525  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 7      |        |



12 Dec 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C6523501

## CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1in = 3

2in = 5

3in = 9

HS= 2.582

VS= 2.884

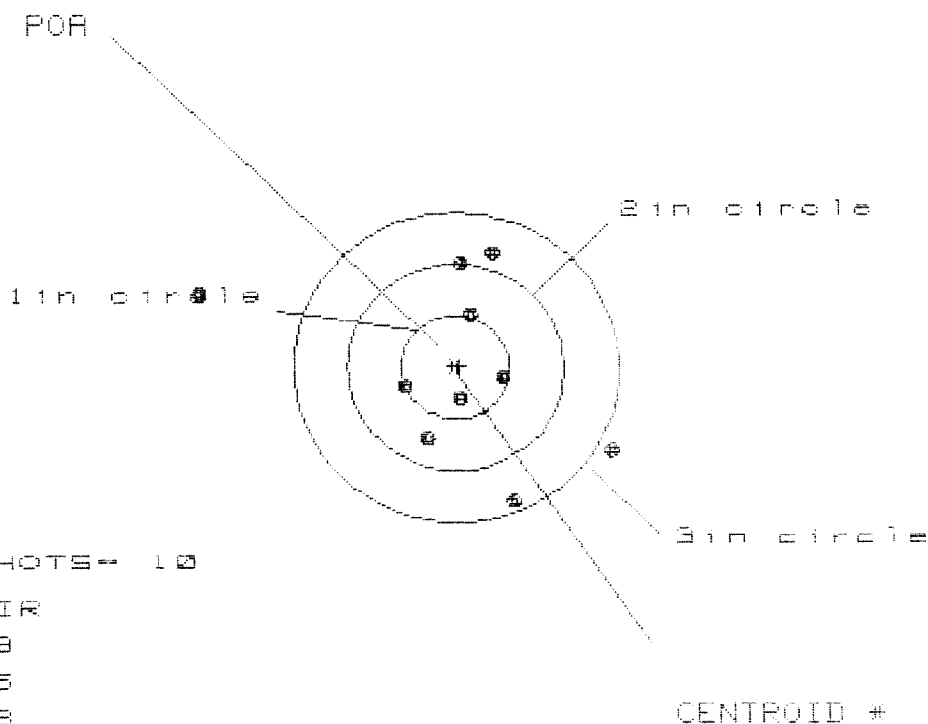
GS= 2.896

| PATTERN #                     | : | 3      |        |        |
|-------------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)               | : | 10     | 9      | 8      |
| MAXIMUM X                     | : | 1.264  | 1.311  | 1.152  |
| MINIMUM X                     | : | -1.319 | -1.271 | -1.675 |
| MAXIMUM Y                     | : | 1.449  | .935   | .815   |
| MINIMUM Y                     | : | -1.435 | -1.274 | -1.170 |
| CENTROID X                    | : | -.088  | -.136  | .023   |
| CENTROID Y                    | : | -.269  | -.430  | -.534  |
| POA TO CENTROID in.           | : | .283   | .451   | .534   |
| MIN RADIUS                    | : | .074   | .136   | .217   |
| MEAN RADIUS                   | : | .908   | .838   | .784   |
| MAX RADIUS                    | : | 1.510  | 1.521  | 1.171  |
| HORIZONTAL SPREAD             | : | 2.582  | 2.582  | 1.827  |
| VERTICAL SPREAD               | : | 2.884  | 2.109  | 1.985  |
| EXTREME SPREAD                | : | 2.896  | 2.704  | 2.040  |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE = |   |        | 9      |        |

12 Dec 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/08523501

## CENTERFIRE PATTERNS # 4



# OF SHOTS = 10

# IN CIR

1 in = 3

2 in = 5

3 in = 8

HS = 3.884

VS = 2.415

GS = 4.185

| PATTERN #                     | : | 4      |        |        |
|-------------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)               | : | 10     | 9      | 8      |
| MAXIMUM X                     | : | 1.483  | 1.215  | .462   |
| MINIMUM X                     | : | -2.411 | -.750  | -.598  |
| MAXIMUM Y                     | : | 1.093  | 1.174  | 1.083  |
| MINIMUM Y                     | : | -1.322 | -1.241 | -1.332 |
| CENTROID X                    | : | -.036  | .232   | .080   |
| CENTROID Y                    | : | -.014  | -.095  | -.084  |
| POA TO CENTROID in.           | : | .038   | .250   | .080   |
| MIN RADIUS                    | : | .287   | .186   | .290   |
| MEAN RADIUS                   | : | 1.028  | .838   | .752   |
| MAX RADIUS                    | : | 2.519  | 1.414  | 1.410  |
| HORIZONTAL SPREAD             | : | 3.894  | 1.965  | 1.860  |
| VERTICAL SPREAD               | : | 2.415  | 2.415  | 2.415  |
| EXTREME SPREAD                | : | 4.185  | 2.427  | 2.427  |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE = |   |        | 8      |        |

12 Dec 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/06523501

## CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID \*

# OF SHOTS = 10

# IN CIR

1 in = 1

2 in = 4

3 in = 7

HS = 3.419

VS = 3.501

GS = 3.548

| PATTERN #                     | 5      |        |        |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.537  | 1.482  | 1.240  |
| MINIMUM X                     | -1.882 | -1.937 | -1.510 |
| MAXIMUM Y                     | 2.103  | .726   | .753   |
| MINIMUM Y                     | -1.398 | -1.165 | -1.138 |
| CENTROID X                    | -.154  | -.098  | .144   |
| CENTROID Y                    | -.092  | -.325  | -.352  |
| POA TO CENTROID in.           | .179   | .340   | .381   |
| MIN RADIUS                    | .290   | .210   | .303   |
| MEAN RADIUS                   | 1.197  | 1.060  | .912   |
| MAX RADIUS                    | 2.161  | 1.949  | 1.685  |
| HORIZONTAL SPREAD             | 3.419  | 3.419  | 2.750  |
| VERTICAL SPREAD               | 3.501  | 1.891  | 1.891  |
| EXTREME SPREAD                | 3.548  | 3.419  | 2.793  |
| NUMBER IN ONE INCH CIRCLE =   |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 7      |        |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6523501  
29 Nov 1990

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .115004 |
| 1 TO | 2 | .136356 |
| 1 TO | 3 | .293641 |
| 1 TO | 4 | .21049  |
| 1 TO | 5 | .15317  |

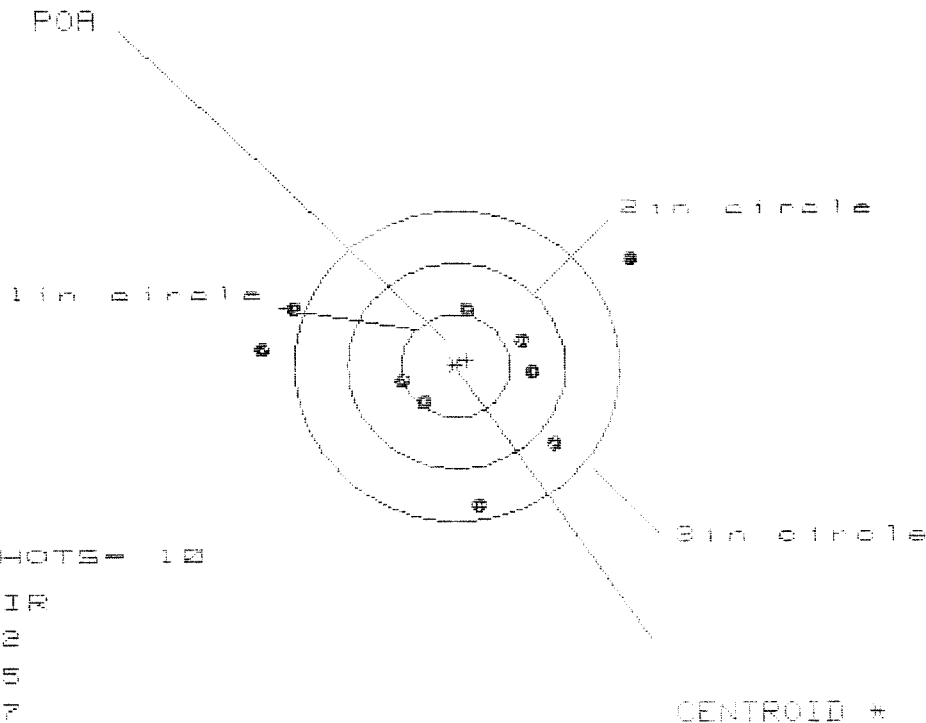
 <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0182  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0136  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .02272  
  
THE AMR FOR THIS RIFLE IS: 1.247

29 Nov 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/06523501

## CENTERFIRE PATTERNS # 1



# OF SHOTS= 10

# IN CIR

1 in = 2

2 in = 5

3 in = 7

HS= 3.430

VS= 2.364

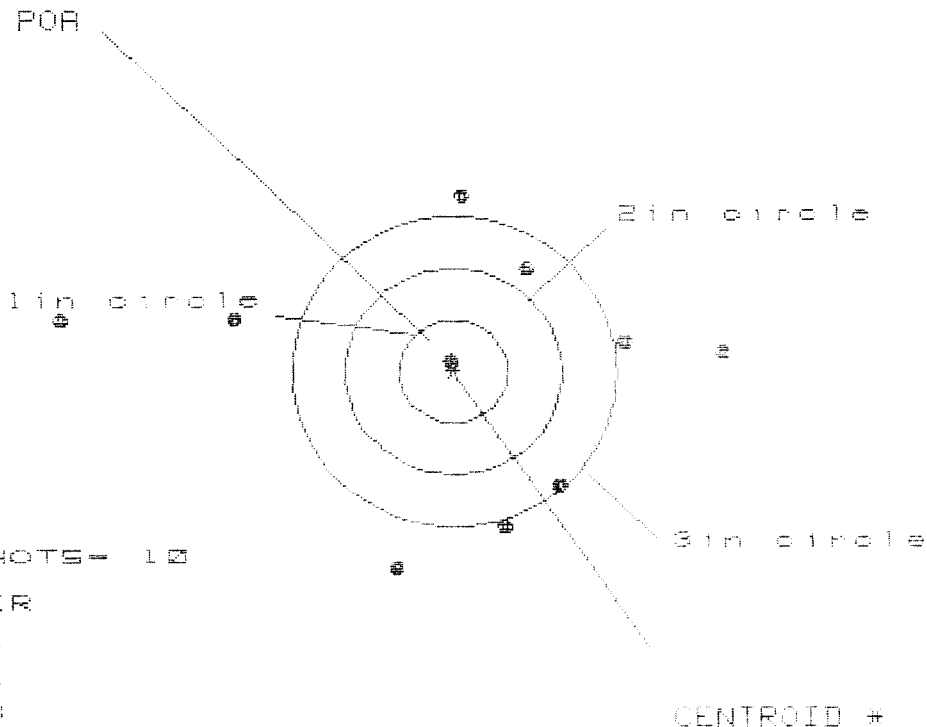
GS= 3.526

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.613  | 1.114  | .969   |
| MINIMUM X                     | -1.817 | -1.637 | -1.572 |
| MAXIMUM Y                     | 1.014  | .711   | .750   |
| MINIMUM Y                     | -1.350 | -1.238 | -1.199 |
| CENTROID X                    | -.101  | -.281  | -.076  |
| CENTROID Y                    | -.055  | -.167  | -.206  |
| POA TO CENTROID in.           | .115   | .327   | .219   |
| MIN RADIUS                    | .453   | .253   | .383   |
| MEAN RADIUS                   | 1.088  | .983   | .884   |
| MAX RADIUS                    | 1.905  | 1.666  | 1.742  |
| HORIZONTAL SPREAD             | 3.430  | 2.751  | 2.481  |
| VERTICAL SPREAD               | 2.364  | 1.949  | 1.949  |
| EXTREME SPREAD                | 3.526  | 2.917  | 2.837  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 5      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 7      |        |        |

29 Nov 1938

FILE: /PATTERNING/CENTERFIRE\_PATT/06523581

## CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1 in = 1

2 in = 1

3 in = 3

HS= 6.089

VS= 3.629

GS= 6.097

| PATTERN #                   | : | 2      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 2.437  | 2.031  | 1.434  |
| MINIMUM X                   | : | -3.652 | -2.401 | -2.147 |
| MAXIMUM Y                   | : | 1.747  | 1.808  | 1.845  |
| MINIMUM Y                   | : | -1.882 | -1.821 | -1.784 |
| CENTROID X                  | : | .027   | .433   | .179   |
| CENTROID Y                  | : | -.102  | -.163  | -.201  |
| POA TO CENTROID in.         | : | .106   | .462   | .269   |
| MIN RADIUS                  | : | .149   | .514   | .320   |
| MEAN RADIUS                 | : | 1.793  | 1.541  | 1.470  |
| MAX RADIUS                  | : | 3.693  | 2.470  | 2.234  |
| HORIZONTAL SPREAD           | : | 6.089  | 4.432  | 3.581  |
| VERTICAL SPREAD             | : | 3.629  | 3.629  | 3.629  |
| EXTREME SPREAD              | : | 6.097  | 4.441  | 3.694  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 3      |        |

29 Nov 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/09528501

## CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

# OF SHOTS= 10

# IN CIR

1 in = 2

2 in = 6

3 in = 9

ME = 2.666

VS = 2.243

GS = 2.792

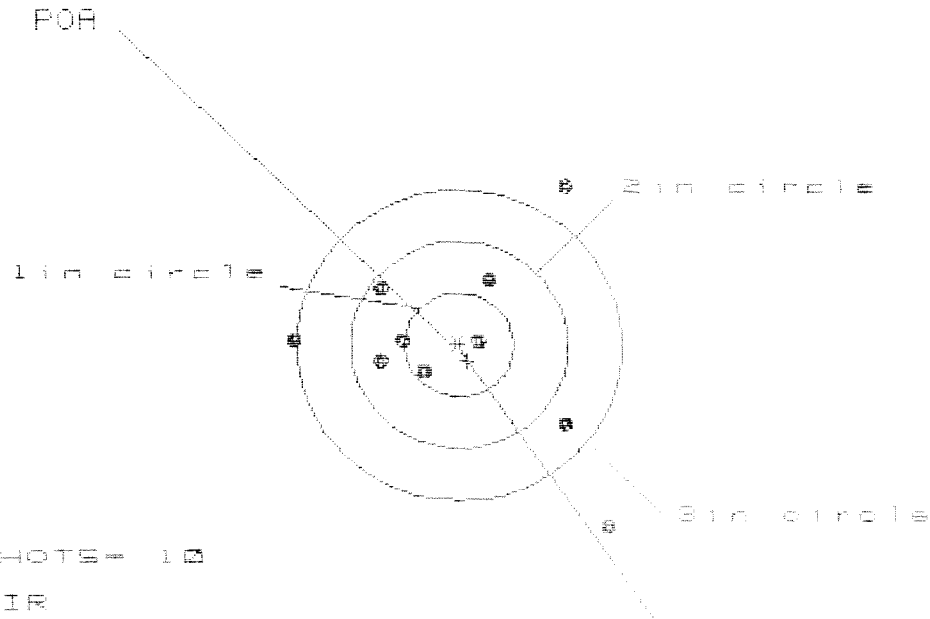
CENTROID #

| PATTERN #                     | 3      |
|-------------------------------|--------|
| SHOTS (BEST OF)               | 10     |
| MAXIMUM X                     | 1.703  |
| MINIMUM X                     | -.963  |
| MAXIMUM Y                     | .856   |
| MINIMUM Y                     | -1.387 |
| CENTROID X                    | .191   |
| CENTROID Y                    | -.024  |
| POA TO CENTROID in.           | .192   |
| MIN RADIUS                    | .319   |
| MEAN RADIUS                   | .936   |
| MAX RADIUS                    | 1.716  |
| HORIZONTAL SPREAD             | 2.666  |
| VERTICAL SPREAD               | 2.243  |
| EXTREME SPREAD                | 2.792  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |
| NUMBER IN TWO INCH CIRCLE =   | 6      |
| NUMBER IN THREE INCH CIRCLE = | 9      |

29 Nov 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/06323501

## CENTERFIRE PATTERNS # 4



# OF SHOTS= 10

# IN CIR

1 in = 2

2 in = 6

3 in = 7

HS= 2.848

VS= 3.341

GS= 3.356

| PATTERN #                   | : | 4      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.338  | -1.170 | 1.236  |
| MINIMUM X                   | : | -1.510 | -1.361 | -1.215 |
| MAXIMUM Y                   | : | 1.593  | 1.398  | 1.593  |
| MINIMUM Y                   | : | -1.748 | -1.905 | -1.730 |
| CENTROID X                  | : | -1.076 | -1.225 | -1.371 |
| CENTROID Y                  | : | .154   | .349   | .174   |
| POR TO CENTROID in.         | : | .172   | .415   | .410   |
| MIN RADIUS                  | : | .199   | .370   | .215   |
| MEAN RADIUS                 | : | 1.018  | .861   | .695   |
| MAX RADIUS                  | : | 2.202  | 1.823  | 1.435  |
| HORIZONTAL SPREAD           | : | 2.948  | 2.531  | 2.451  |
| VERTICAL SPREAD             | : | 3.341  | 2.903  | 1.923  |
| EXTREME SPREAD              | : | 3.356  | 2.990  | 2.552  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 7      |        |



25 May 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/06523501

## CENTERFIRE PATTERNS # 5

FOR

1 in circle

2 in circle

3 in circle

# OF SHOTS = 10

# IN CIR

1 in = 2

2 in = 3

3 in = 7

HS = 5.131

VS = 3.576

CS = 5.345

CENTROID #

| PATTERN #                     | 5      | 6      | 7      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 2.560  | 2.275  | 1.477  |
| MINIMUM X                     | -2.571 | -1.947 | -1.663 |
| MAXIMUM Y                     | 1.861  | 1.670  | 1.619  |
| MINIMUM Y                     | -1.716 | -1.270 | -1.321 |
| CENTROID X                    | -1.132 | .154   | -1.130 |
| CENTROID Y                    | .095   | .285   | .336   |
| FOR TO CENTROID in.           | .162   | .324   | .360   |
| MIN RADIUS                    | .392   | .653   | .374   |
| MEAN RADIUS                   | 1.400  | 1.237  | 1.040  |
| MAX RADIUS                    | 3.090  | 2.311  | 1.629  |
| HORIZONTAL SPREAD             | 5.131  | 3.222  | 2.140  |
| VERTICAL SPREAD               | 3.576  | 2.940  | 2.940  |
| EXTREME SPREAD                | 5.345  | 3.335  | 3.059  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 3      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 7      |        |        |

## RECEIVING AND ESTIMATING REPORT

BARBER M24-0029180

COMMENTS

ORDER

R 94-18119

INITIAL  
FDC

CUSTOMER ORDER NO.

DAAA09-92-C-0834

W/10X SCOPE M-24 SNIPER, W/DEPLOYMENT KIT

ATTN: FRED MARTIN

90-  
Scope 1046

| DATE RECEIVED                                           | DATE OPENED | DATE CODE | SERIAL NUMBER | NEW SERIAL NUMBER | MODEL AND GRADE |
|---------------------------------------------------------|-------------|-----------|---------------|-------------------|-----------------|
| 06/09/94                                                | 06/09/94    |           | C6523501      |                   | 700 7-62 NATO   |
| ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE |             |           |               |                   |                 |

FROM:

SHIP TO:

COMMANDER (W52H094138H226)  
DEFENSE DIST DEPOT ANNISTON  
ATTN DDAA-UR BLDG 112  
ANNISTON

AL 36201-5025

COMMANDER (W52H094138H226)  
DEFENSE DIST DEPOT ANNISTON  
ATTN DDAA-UR BLDG 112  
ANNISTONAL  
36201-5025

CUST NO: 098397 CJO.D

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

FRT

GUN CONDITION

- ☐ NEW  
☐ LIGHTLY WORN  
☐ WORN  
☐ VERY WORN  
☐ UNREPAIRABLE  
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

| CUSTOMER CONCERN | AMMO | FUNCTION | FINISH | ACCURACY | FIT | INSPECT |
|------------------|------|----------|--------|----------|-----|---------|
| CYCLE            | A1   | B1       |        |          |     |         |
| TRIGGER GROUP    |      | B2       |        |          | E1  | F1      |
| BOLT ASSY.       |      | B3       |        |          | E2  | F2      |
| BARREL ASSY.     |      | B4       |        | D1       | E3  | F3      |
| REC. ASSY.       |      | B5       |        | D2       | E4  | F4      |
| WOOD             |      |          | C1     | D3       | E5  | F5      |
| METAL            |      |          | C2     |          |     |         |

MAIN FAULT

PARTS

COMMENTS

✓ Stock \$471.11  
✓ Trigger Assy 193.31  
✓ Firing Pin Assy 9.96  
CTI 50.00  
\$280.38

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

BARBER - M24 0029180

M2400029219

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6523501

DATE 8-28-95

TESTER DA

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |  | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|--|------------------------------------------------------------------------|
| PULL #1 | 2.90             | 2.57                     | 2.65                           |  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.75             | 2.57                     | 2.65                           |  |                                                                        |
| PULL #3 | 2.61             | 2.49                     | 2.68                           |  |                                                                        |
| PULL #4 | 2.61             | 2.52                     | 2.72                           |  |                                                                        |
| PULL #5 | 2.70             | 2.49                     | 2.70                           |  |                                                                        |
| TOTAL   | 13.57            | 12.64                    | 13.40                          |  |                                                                        |
| AVG.    | 2.71             | 2.52                     | 2.68                           |  |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.02             | 2.93                     |  |          |
| PULL #2 | 3.04             | 2.96                     |  |          |
| PULL #3 | 3.07             | 2.94                     |  |          |
| PULL #4 | 3.10             | 2.93                     |  |          |
| PULL #5 | 3.14             | 2.95                     |  |          |
| TOTAL   | 15.37            | 14.71                    |  |          |
| AVG.    | 3.07             | 2.94                     |  |          |

|         | 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 | 4.09             | 4.00                     | 4.35                           |                                      |
| PULL #2 | 4.14             | 4.09                     | 4.12                           |                                      |
| PULL #3 | 4.12             | 4.13                     | 4.30                           |                                      |
| PULL #4 | 4.09             | 4.11                     | 4.45                           |                                      |
| PULL #5 | 4.13             | 4.16                     | 4.43                           |                                      |
| TOTAL   | 20.57            | 20.49                    | 21.65                          |                                      |
| AVG.    | 4.11             | 4.09                     | 4.33                           |                                      |

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6523501

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

| op. #        | OP. NAME                                                    | READINGS |      |       |      |      | DATE  | INIT |
|--------------|-------------------------------------------------------------|----------|------|-------|------|------|-------|------|
| 625<br>cont. | F) Safety On Force                                          | 6 1/2    | 7    | 6 1/2 |      |      | 12/14 | WB   |
|              | G) Safety Off Force                                         | 3        | 3    | 2 3/4 |      |      | 12/14 | WB   |
|              | H) Trigger Pull Test & Retainability                        |          |      |       |      |      |       |      |
|              | I) Firing Pin Indent                                        | .0225    | .022 | .022  |      |      | 12/14 | WB   |
|              | J) Assemble Stock                                           |          |      |       |      |      |       |      |
|              | K) Assemble Swivel Studs                                    |          |      |       |      |      |       |      |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |       |      |      |       |      |
|              | M) Iron Sight Alignment                                     |          |      |       |      |      |       |      |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |       |      |      |       |      |
|              | O) Attach Scope to Rifle                                    |          |      |       |      |      |       |      |
|              | P) Detach & Attach Scope 20 Times                           |          |      |       |      |      |       |      |
| 640          | Gallery Target & Test                                       |          |      |       |      |      |       |      |
|              | A) Time                                                     |          |      |       |      |      |       |      |
|              | B) Malfunctions                                             |          |      |       |      |      |       |      |
|              | C) Pierced Primers                                          |          |      |       |      |      |       |      |
|              | D) Optical Clarity of Scope                                 |          |      |       |      |      |       |      |
| 645          | Inspect for Live Ammo                                       |          |      |       |      |      |       |      |
| 655          | Final Inspection                                            |          |      |       |      |      |       |      |
|              | A) Headspace                                                |          |      |       |      |      |       |      |
|              | B) Trigger Pull                                             | 2.20     | 2.29 | 2.22  | 2.28 | 2.37 | 12/14 | WB   |
|              | C) Function                                                 |          |      |       |      |      |       |      |
| 660          | Pack                                                        |          |      |       |      |      |       |      |