

C6587526

MODEL 700<sup>TM</sup> M24

Model **SMS**

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.

*Remington*

# REBARBER M24 0022016 REPORT

COMMENTS

ORDER  
R 94-18838

INITIAL CUSTOMER ORDER NO.  
JJM DAAA09-92-C-0834

W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT  
ATTN FRED MARTIN *SCOPE 90-0574*

DATE RECEIVED DATE OPENED DATE CODE  
06/14/94 06/15/94

SERIAL NUMBER NEW SERIAL NUMBER MODEL AND GRADE  
C6587526 700 7.62 NATO

ACCESSORIES HARD CASE SCOPE MNTS SCOPE BASE SLING STRAP

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  
ANNISTON AL 36201-5025

CUST NO: 098397 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

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

*Barrel  
Stock  
Trigger Assy*

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

*A A*  
*6/6/96 6/6/96*

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

BARBER - M24 0022016 22057

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587516

DATE 6-3-96

TESTER DA

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |  | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|--|------------------------------------------------------------------------|
| PULL #1 | 2.53             | 2.84                     | 2.75                           |  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.37             | 2.79                     | 2.79                           |  |                                                                        |
| PULL #3 | 2.49             | 2.90                     | 2.83                           |  |                                                                        |
| PULL #4 | 2.55             | 2.86                     | 2.84                           |  |                                                                        |
| PULL #5 | 2.59             | 2.84                     | 2.85                           |  |                                                                        |
| TOTAL   | 12.53            | 14.23                    | 14.06                          |  |                                                                        |
| AVG.    | 2.50             | 2.84                     | 2.81                           |  |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.27             | 3.20                     |  |          |
| PULL #2 | 3.14             | 3.10                     |  |          |
| PULL #3 | 3.33             | 3.06                     |  |          |
| PULL #4 | 3.23             | 3.19                     |  |          |
| PULL #5 | 3.17             | 3.21                     |  |          |
| TOTAL   | 16.14            | 15.76                    |  |          |
| AVG.    | 3.22             | 3.15                     |  |          |

|         | 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 | 4.20             | 4.05                     |                                | 4.30                                 |
| PULL #2 | 4.14             | 4.18                     |                                | 4.19                                 |
| PULL #3 | 4.13             | 4.11                     |                                | 4.26                                 |
| PULL #4 | 4.16             | 4.22                     |                                | 4.26                                 |
| PULL #5 | 4.11             | 4.24                     |                                | 4.21                                 |
| TOTAL   | 20.74            | 20.80                    |                                | 21.22                                |
| AVG.    | 4.14             | 4.16                     |                                | 4.24                                 |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6587526  
10 Apr 1900

## CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .548835 |
| 1 TO | 2 | .240104 |
| 1 TO | 3 | .241835 |
| 1 TO | 4 | .327611 |
| 1 TO | 5 | .427215 |

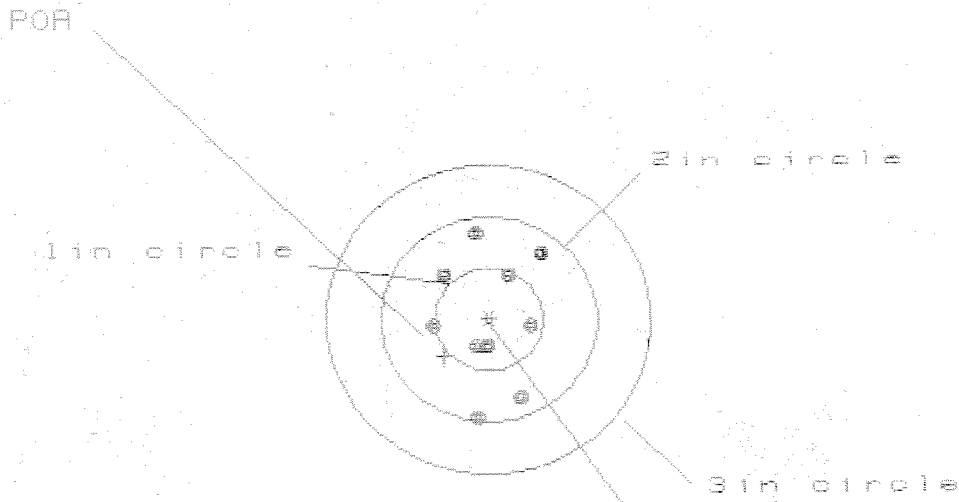
54 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3016  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2284  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .378324  
THE AMR FOR THIS RIFLE IS: .8202

18 Apr 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C6587526

## CENTERFIRE PATTERNS # 1



# OF SHOTS = 10

# IN CIR

1in = 4

2in = 10

3in = 10

HS = .966

VS = 1.801

GS = 1.802

CENTROID \*

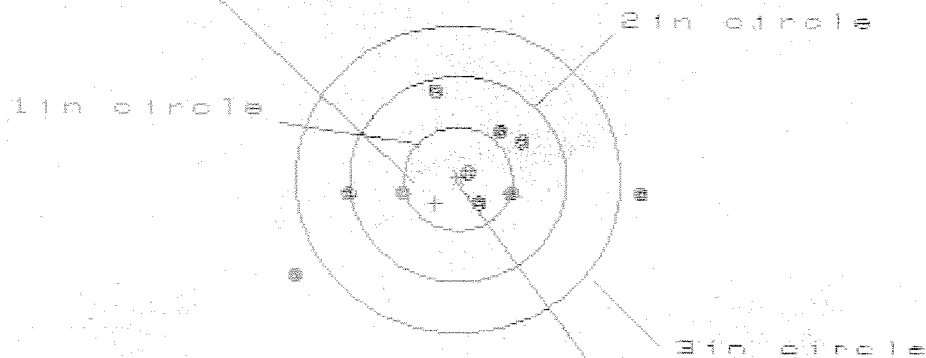
| PATTERN #                     | 1     | 2     | 3     |
|-------------------------------|-------|-------|-------|
| SHOTS (BEST OF)               | 10    | 9     | 8     |
| MAXIMUM X                     | .449  | .440  | .476  |
| MINIMUM X                     | -.517 | -.526 | -.490 |
| MAXIMUM Y                     | .817  | .708  | .597  |
| MINIMUM Y                     | -.984 | -.890 | -.498 |
| CENTROID X                    | .416  | .425  | .389  |
| CENTROID Y                    | .358  | .467  | .578  |
| POA TO CENTROID in.           | .548  | .631  | .697  |
| MIN RADIUS                    | .266  | .349  | .285  |
| MEAN RADIUS                   | .602  | .559  | .508  |
| MAX RADIUS                    | .987  | .934  | .651  |
| HORIZONTAL SPREAD             | .966  | .966  | .966  |
| VERTICAL SPREAD               | 1.801 | 1.598 | 1.095 |
| EXTREME SPREAD                | 1.802 | 1.652 | 1.201 |
| NUMBER IN ONE INCH CIRCLE =   | 4     |       |       |
| NUMBER IN TWO INCH CIRCLE =   | 10    |       |       |
| NUMBER IN THREE INCH CIRCLE = | 10    |       |       |

10 Apr 1988

FILE: PATTERNING/CENTERFIRE\_PATT/08587526

## CENTERFIRE PATTERNS # 2

POA



# OF SHOTS= 10

# IN CIR

1in = 3

2in = 7

3in = 8

HS= 3.245

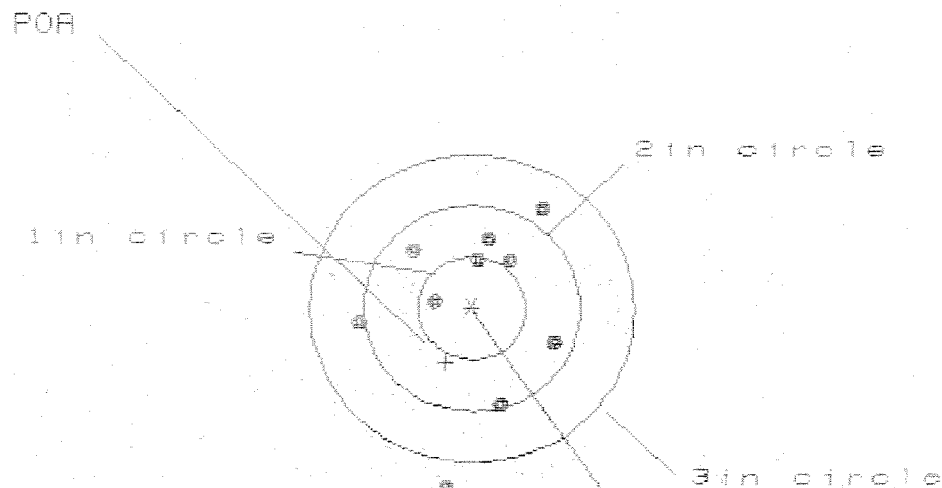
VS= 1.784

GS= 3.337

CENTROID \*

| PATTERN #                     | 1      | 2      | 3     |
|-------------------------------|--------|--------|-------|
| SHOTS (BEST OF)               | 10     | 9      | 8     |
| MAXIMUM X                     | 1.696  | 1.523  | .590  |
| MINIMUM X                     | -1.549 | -1.166 | -.975 |
| MAXIMUM Y                     | .830   | .724   | .688  |
| MINIMUM Y                     | -.954  | -.333  | -.369 |
| CENTROID X                    | .211   | .384   | .193  |
| CENTROID Y                    | .233   | .339   | .375  |
| POA TO CENTROID in.           | .315   | .512   | .422  |
| MIN RADIUS                    | .111   | .095   | .122  |
| MEAN RADIUS                   | .804   | .664   | .561  |
| MAX RADIUS                    | 1.820  | 1.549  | 1.023 |
| HORIZONTAL SPREAD             | 3.245  | 2.689  | 1.565 |
| VERTICAL SPREAD               | 1.784  | 1.057  | 1.057 |
| EXTREME SPREAD                | 3.337  | 2.689  | 1.664 |
| NUMBER IN ONE INCH CIRCLE =   |        | 3      |       |
| NUMBER IN TWO INCH CIRCLE =   |        | 7      |       |
| NUMBER IN THREE INCH CIRCLE = |        | 8      |       |

## CENTERFIRE PATTERNS # 3



# OF SHOTS - 10

# IN CIR

1in = 2

2in = 6

3in = 9

HS = 1.782

VS = 2.664

QS = 2.833

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | .784   | .754   | .837   |
| MINIMUM X                     | -.998  | -1.028 | -.945  |
| MAXIMUM Y                     | .972   | .784   | .553   |
| MINIMUM Y                     | -1.692 | -1.166 | -1.068 |
| CENTROID X                    | .246   | .276   | .193   |
| CENTROID Y                    | .530   | .718   | .620   |
| POA TO CENTROID in.           | .584   | .769   | .649   |
| MIN RADIUS                    | .360   | .259   | .303   |
| MEAN RADIUS                   | .862   | .719   | .689   |
| MAX RADIUS                    | 1.713  | 1.180  | 1.100  |
| HORIZONTAL SPREAD             | 1.782  | 1.782  | 1.782  |
| VERTICAL SPREAD               | 2.664  | 1.950  | 1.621  |
| EXTREME SPREAD                | 2.833  | 2.044  | 1.786  |
| NUMBER IN ONE INCH CIRCLE =   |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 9      |        |

10 Apr 1968

FILE: PATTERNING/CENTERFIRE\_PATT/06587526

## CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

CENTROID \*

# OF SHOTS= 10

# IN CIR

1 in = 3

2 in = 4

3 in = 8

HE= 2.280

VS= 3.073

GS= 3.595

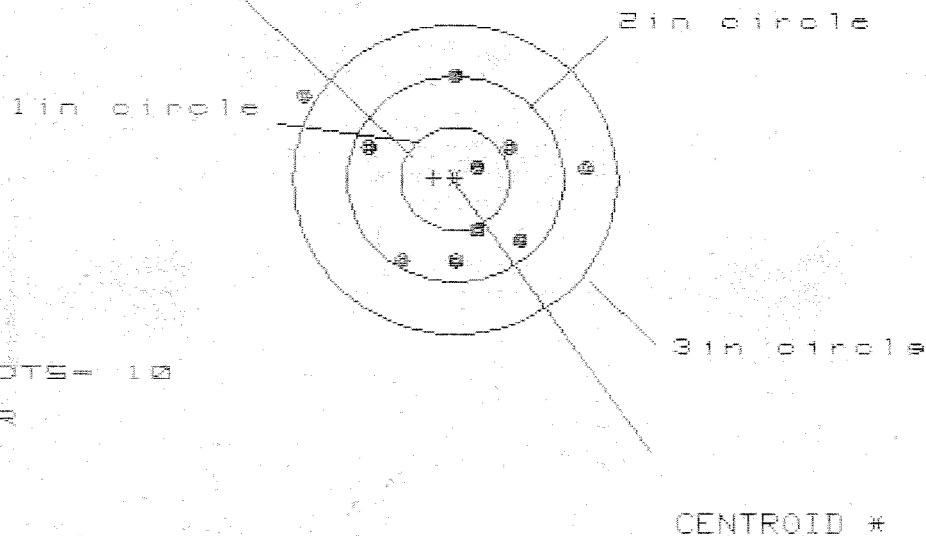
| PATTERN #                     | 10     | 9      | 8      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.074  | 1.148  | 1.006  |
| MINIMUM X                     | -1.206 | -1.132 | -1.204 |
| MAXIMUM Y                     | 1.330  | 1.136  | 1.115  |
| MINIMUM Y                     | -1.743 | -1.061 | -0.919 |
| CENTROID X                    | .436   | .362   | .504   |
| CENTROID Y                    | .031   | .225   | .083   |
| POA TO CENTROID in.           | .437   | .427   | .511   |
| MIN RADIUS                    | .043   | .251   | .108   |
| MEAN RADIUS                   | .982   | .882   | .774   |
| MAX RADIUS                    | 1.864  | 1.604  | 1.208  |
| HORIZONTAL SPREAD             | 2.280  | 2.200  | 2.210  |
| VERTICAL SPREAD               | 3.073  | 2.197  | 2.034  |
| EXTREME SPREAD                | 3.595  | 2.966  | 2.269  |
| NUMBER IN ONE INCH CIRCLE =   | 3      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 4      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 8      |        |        |

10 Apr 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C8587526

## CENTERFIRE PATTERNS # 5

POA



# OF SHOTS = 10

# IN CIR

1 in = 1

2 in = 8

3 in = 8

HS = 2.581

VS = 1.766

GS = 2.673

PATTERN #

5

| SHOTS (BEST OF)               | 10     | 9     | 8     |
|-------------------------------|--------|-------|-------|
| MAXIMUM X                     | 1.223  | 1.074 | .634  |
| MINIMUM X                     | -1.356 | -.828 | -.793 |
| MAXIMUM Y                     | .392   | 1.083 | 1.110 |
| MINIMUM Y                     | -.774  | -.633 | -.656 |
| CENTROID X                    | .199   | .350  | .215  |
| CENTROID Y                    | -.010  | -.101 | -.128 |
| POA TO CENTROID in.           | .199   | .364  | .250  |
| MIN RADIUS                    | .172   | .167  | .238  |
| MEAN RADIUS                   | .851   | .742  | .791  |
| MAX RADIUS                    | 1.584  | 1.099 | 1.111 |
| HORIZONTAL SPREAD             | 2.581  | 2.002 | 1.427 |
| VERTICAL SPREAD               | 1.766  | 1.766 | 1.766 |
| EXTREME SPREAD                | 2.673  | 2.008 | 1.831 |
| NUMBER IN ONE INCH CIRCLE =   | 1      |       |       |
| NUMBER IN TWO INCH CIRCLE =   | 8      |       |       |
| NUMBER IN THREE INCH CIRCLE = | 9      |       |       |

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6587526

| 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. #        | BARBER - M24 0022027<br>OP. NAME                            | READINGS |      |      |      |      | DATE   | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|------|------|--------|------|
| 625<br>cont. | F) Safety On Force                                          | 6        | 6    | 6    |      |      | 6/8/96 | WB   |
|              | G) Safety Off Force                                         | 3        | 3    | 3    |      |      | 6/8/96 | WB   |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |      |      |        |      |
|              | I) Firing Pin Indent                                        |          |      |      |      |      |        |      |
|              | 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                                             | 2.45     | 2.43 | 2.42 | 2.42 | 2.37 | 6/7/96 | WB   |
|              | C) Function                                                 |          |      |      |      |      |        |      |
| 660          | Pack                                                        |          |      |      |      |      |        |      |

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

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

**MODEL 700™ M24**

**SERIAL NO.**  
 C6587526

**ORDER NO.**  
 5716

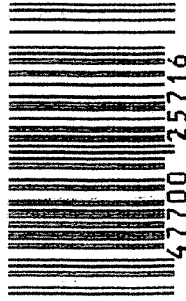
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off. Marca Registrada Marque Deposee.

01



5716 C6587526

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6587526

| OP. #     | OP. NAME                                                 | READINGS | DATE     | INIT |
|-----------|----------------------------------------------------------|----------|----------|------|
| 575 & 580 | Assemble Action and Stock                                |          | 10/22/90 | KA   |
| 600       | Proof                                                    |          | 10/22/90 | KA   |
| 607       | Check Headspace                                          |          | 10/22/90 | KA   |
| 610       | Dis-assemble Gun                                         |          | 10/22/90 | KA   |
| 612       | Magnaflux Barrel Action                                  |          | 10/24/90 | KR   |
|           | Magnaflux Bolt                                           |          | 10/24/90 | KR   |
| 615       | Rollmark Caliber                                         |          | 10/24/90 | GS   |
| 617       | Drill and Tap Sight Holes                                |          | 10/25/90 | FB   |
| 618       | Polish Barrel                                            | FB       | 10/26/90 | LCB  |
| 620       | Apply Coatings (Barrel Action)                           |          | 11-7-90  | TH   |
|           | Apply Coating (Bolt)                                     |          |          |      |
| 625       | Final Assembly                                           |          | 11/8/90  | KS   |
|           | A) Clean inside of Bolt Assembly                         |          |          |      |
|           | B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head |          | 11/8/90  | KS   |
|           | C) Inspect Ejector Hole for Chamfer                      |          | 11/8/90  | KS   |
|           | D) Oil Firing Pin Ass'y                                  |          | 11/8/90  | KS   |
|           | E) Adjust Trigger Pull to Min Setting and Stake          |          | 11-16-90 | TH   |

| op. #        | BARBER M24 0022030                                          | READINGS |       |       | DATE     | INIT |          |     |
|--------------|-------------------------------------------------------------|----------|-------|-------|----------|------|----------|-----|
| 625<br>cont. | F) Safety On Force                                          | 5 1/2    | 5 1/2 | 5 1/2 | 11/15/90 | WB   |          |     |
|              | G) Safety Off Force                                         | 2 1/2    | 2 1/2 | 2 1/2 | 11/15/90 | WB   |          |     |
|              | H) Trigger Pull Test & Retainability                        |          |       |       | 11-16-90 | SH   |          |     |
|              | I) Firing Pin Indent                                        | .021     | .021  | .021  | 11/15/90 | WB   |          |     |
|              | J) Assemble Stock                                           |          |       |       | 11/16/90 | KS   |          |     |
|              | K) Assemble Swivel Studs                                    |          |       |       | 11-16-90 | D/H  |          |     |
|              | L) Attach Front and Rear Sight Assemblies                   |          |       |       | 11/16/90 | KS   |          |     |
|              | M) Iron Sight Alignment                                     |          |       |       | 11/16/90 | KS   |          |     |
|              | N) Detach Front & Rear Sights & place in numbered container |          |       |       | 11/16/90 | KS   |          |     |
|              | O) Attach Scope to Rifle                                    |          |       |       | 11/16/90 | KS   |          |     |
|              | P) Detach & Attach Scope 20 Times                           |          |       |       | 11/16/90 | KS   |          |     |
| 640          | Gallery Target & Test                                       |          |       |       | 11-26-90 | KT   |          |     |
|              | A) Time                                                     |          |       |       | 11-26-90 | KT   |          |     |
|              | B) Malfunctions                                             |          |       |       | 11-26-90 | KT   |          |     |
|              | C) Pierced Primers                                          |          |       |       | 11-26-90 | KT   |          |     |
|              | D) Optical Clarity of Scope                                 |          |       |       | 11-26-90 | KT   |          |     |
| 645          | Inspect for Live Ammo                                       |          |       |       | 11-26-90 | KT   |          |     |
| 655          | Final Inspection                                            |          |       |       |          |      |          |     |
|              | A) Headspace                                                |          |       |       | 11-25-90 | D/H  |          |     |
|              | B) Trigger Pull                                             | 224      | 221   | 228   | 227      | 219  | 11-25-90 | D/H |
|              | C) Function                                                 |          |       |       |          |      | 11-25-90 | D/H |
| 660          | Pack                                                        |          |       |       |          |      | 12-18-90 | D/H |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06587526

DATE 11-16-90

TESTER gll

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |     | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-----|------------------------------------------------------------------------|
| PULL #1 | 2.42             | 2.44                     | 2.50                           | 224 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.38             | 2.32                     | 2.39                           | 221 |                                                                        |
| PULL #3 | 2.20             | 2.49                     | 2.42                           | 228 |                                                                        |
| PULL #4 | 2.40             | 2.18                     | 2.43                           | 227 |                                                                        |
| PULL #5 | 2.28             | 2.42                     | 2.47                           | 219 |                                                                        |
| TOTAL   |                  |                          |                                |     |                                                                        |
| AVG.    |                  |                          |                                |     |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.45             | 3.25                     |  |          |
| PULL #2 | 3.23             | 3.33                     |  |          |
| PULL #3 | 3.24             | 3.32                     |  |          |
| PULL #4 | 3.32             | 3.33                     |  |          |
| PULL #5 | 3.23             | 3.31                     |  |          |
| 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 | 4.19             | 4.29                     |                                | 4.24                                 |
| PULL #2 | 4.18             | 4.12                     |                                | 4.19                                 |
| PULL #3 | 4.21             | 4.18                     |                                | 4.26                                 |
| PULL #4 | 4.18             | 4.21                     |                                | 4.24                                 |
| PULL #5 | 4.32             | 4.20                     |                                | 4.24                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6587526  
27 Nov 1990

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .420629 |
| 1 TO | 2 | .690132 |
| 1 TO | 3 | .351283 |
| 1 TO | 4 | .437924 |
| 1 TO | 5 | .501886 |

$\bar{x}^1$  <----POA

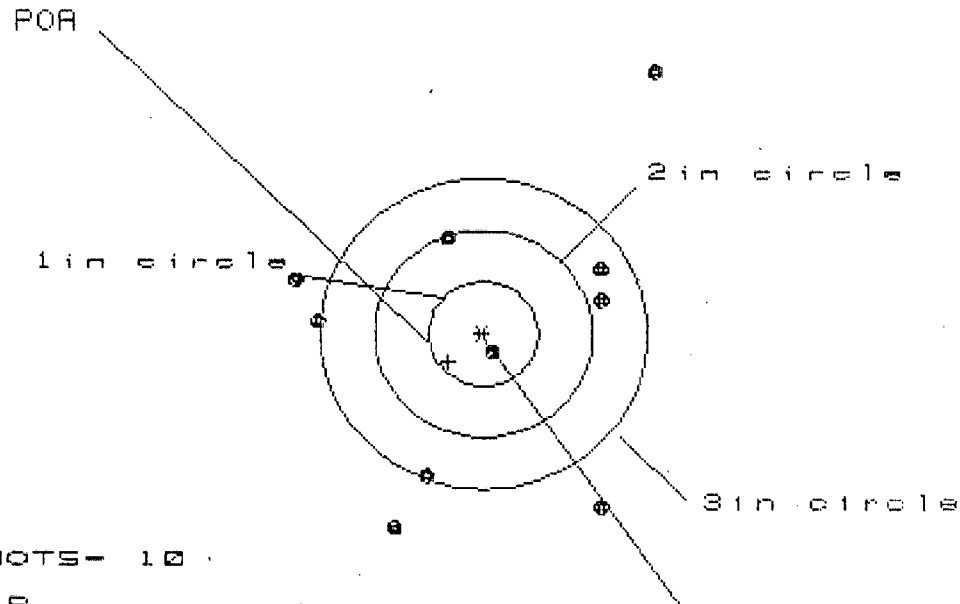
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1208  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0664  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .137846

THE AMR FOR THIS RIFLE IS: 1.268

27 Nov 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C6587526

## CENTERFIRE PATTERNS # 1



# OF SHOTS - 10

# IN CIR

1 in = 1

2 in = 2

3 in = 5

HS = 3.392

VS = 4.449

GS = 5.092

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.624  | 1.306  | 1.222  |
| MINIMUM X                     | -1.768 | -1.588 | -1.672 |
| MAXIMUM Y                     | 2.574  | 1.206  | 1.008  |
| MINIMUM Y                     | -1.875 | -1.589 | -1.628 |
| CENTROID X                    | .320   | .140   | .224   |
| CENTROID Y                    | .273   | -.013  | .185   |
| POA TO CENTROID in.           | .421   | .141   | .291   |
| MIN RADIUS                    | .224   | .297   | .229   |
| MEAN RADIUS                   | 1.559  | 1.386  | 1.314  |
| MAX RADIUS                    | 3.044  | 1.891  | 1.996  |
| HORIZONTAL SPREAD             | 3.392  | 2.894  | 2.894  |
| VERTICAL SPREAD               | 4.449  | 2.795  | 2.636  |
| EXTREME SPREAD                | 5.092  | 3.615  | 3.615  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 2      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 5      |        |        |

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FILE:/PATTERNING/CENTERFIRE\_PATT/06587526

## CENTERFIRE PATTERNS # 2

POR

1in circle

2in circle

3in circle

# OF SHOTS- 10

# IN CIR

1in = 1

2in = 4

3in = 7

HS= 2.835

VS= 3.832

GS= 4.564

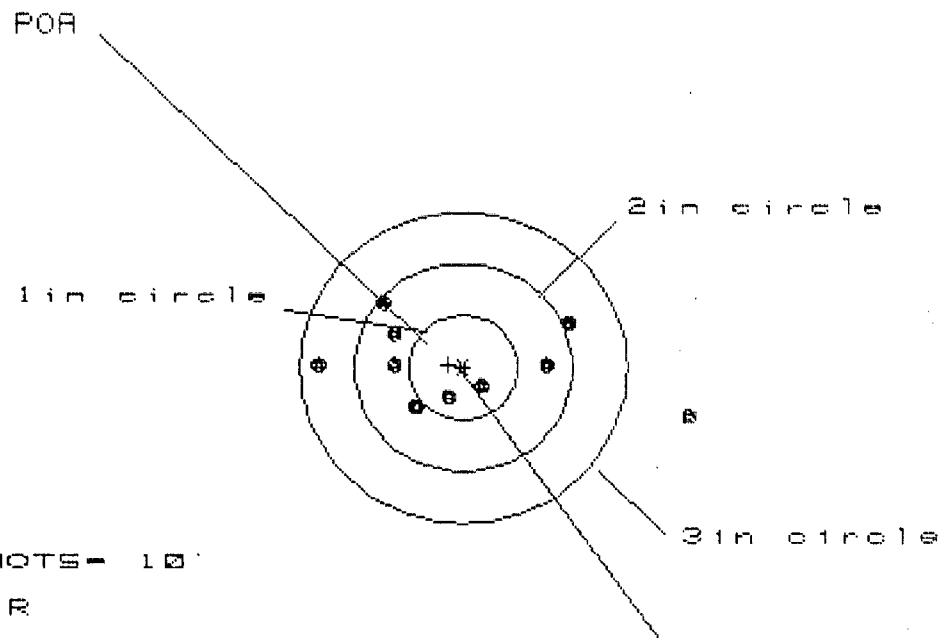
CENTROID #

| PATTERN #                     | 2      | 9      | 8     |
|-------------------------------|--------|--------|-------|
| SHOTS (BEST OF)               | 10     | 9      | 8     |
| MAXIMUM X                     | .813   | .589   | .618  |
| MINIMUM X                     | -2.022 | -.524  | -.495 |
| MAXIMUM Y                     | 2.152  | 1.965  | 1.711 |
| MINIMUM Y                     | -1.680 | -1.201 | -.955 |
| CENTROID X                    | -.111  | .113   | .084  |
| CENTROID Y                    | -.266  | -.079  | -.325 |
| POR TO CENTROID in.           | .288   | .138   | .336  |
| MIN RADIUS                    | .301   | .568   | .435  |
| MEAN RADIUS                   | 1.202  | 1.080  | .880  |
| MAX RADIUS                    | 2.629  | 1.979  | 1.742 |
| HORIZONTAL SPREAD             | 2.835  | 1.113  | 1.113 |
| VERTICAL SPREAD               | 3.832  | 3.166  | 2.666 |
| EXTREME SPREAD                | 4.564  | 3.174  | 2.682 |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |       |
| NUMBER IN TWO INCH CIRCLE =   | 4      |        |       |
| NUMBER IN THREE INCH CIRCLE = | 7      |        |       |

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## CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 3.446

VS= 1.114

GS= 3.477

| PATTERN #                     | 3      |
|-------------------------------|--------|
| SHOTS (BEST OF)               | 10     |
| MAXIMUM X                     | 2.103  |
| MINIMUM X                     | -1.343 |
| MAXIMUM Y                     | .638   |
| MINIMUM Y                     | -.476  |
| CENTROID X                    | .134   |
| CENTROID Y                    | -.025  |
| POA TO CENTROID in.           | .136   |
| MIN RADIUS                    | .232   |
| MEAN RADIUS                   | .880   |
| MAX RADIUS                    | 2.156  |
| HORIZONTAL SPREAD             | 3.446  |
| VERTICAL SPREAD               | 1.114  |
| EXTREME SPREAD                | 3.477  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |
| NUMBER IN TWO INCH CIRCLE =   | 7      |
| NUMBER IN THREE INCH CIRCLE = | 9      |

27 Nov 1988

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## CENTERFIRE PATTERNS

# 4

POA

1 in circle

2 in circle

3 in circle

CENTROID \*

# OF SHOTS = 10

# IN CIR

1 in = 3

2 in = 5

3 in = 0

H0 = 0.0007

V0 = 0.0077

G0 = 0.0000

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.798

1.744

1.291

MINIMUM X

-1.499

-1.553

-1.335

MAXIMUM Y

1.505

1.242

1.196

MINIMUM Y

-2.372

-1.931

-1.978

CENTROID X

.144

.198

-.020

CENTROID Y

-.128

.136

.182

POA TO CENTROID in.

.192

.240

.184

MIN RADIUS

.352

.165

.262

MEAN RADIUS

1.270

1.092

.997

MAX RADIUS

2.421

1.962

1.982

HORIZONTAL SPREAD

3.297

3.297

2.626

VERTICAL SPREAD

3.877

3.173

3.173

EXTREME SPREAD

3.890

3.423

3.176

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

3

NUMBER IN THREE INCH CIRCLE =

5

27 Nov 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/06587526

## CENTERFIRE PATTERNS

# 5

POA

1 in circle

2 in circle

3 in circle

# OF SHOTS - 10

# IN CIR

1 in = 2

2 in = 4

3 in = 4

HS = 4.210

VS = 3.947

GS = 4.362

CENTROID \*

PATTERN #

5

|                               |   |        |        |        |
|-------------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)               | : | 10     | 9      | 8      |
| MAXIMUM X                     | : | 2.350  | 1.938  | 1.908  |
| MINIMUM X                     | : | -1.860 | -1.599 | -1.629 |
| MAXIMUM Y                     | : | 2.287  | 2.317  | 1.465  |
| MINIMUM Y                     | : | -1.660 | -1.630 | -1.340 |
| CENTROID X                    | : | .117   | -.144  | -.144  |
| CENTROID Y                    | : | -.186  | -.216  | -.506  |
| POA TO CENTROID in.           | : | .219   | .260   | .518   |
| MIN RADIUS                    | : | .089   | .135   | .175   |
| MEAN RADIUS                   | : | 1.428  | 1.310  | 1.150  |
| MAX RADIUS                    | : | 2.366  | 2.330  | 2.030  |
| HORIZONTAL SPREAD             | : | 4.210  | 3.537  | 3.537  |
| VERTICAL SPREAD               | : | 3.947  | 3.947  | 2.805  |
| EXTREME SPREAD                | : | 4.362  | 3.986  | 3.949  |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE = |   |        | 4      |        |