

C6225285

MODEL 700<sup>TM</sup> M24

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

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.

**Remington<sup>®</sup>**

Still  
will send

Repair Number: **RE00018376** Serial: C6225285 Model: 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 12/5/00 7:51:27 AM

**Address Information**

Customer: ☒ Received From Return To: ☐ Received From

Name: **COMMANDER** **COMMANDER**

Address 1: **HSC 3/10 SFG (A)** **HSC 3/10 SFG (A)**

Address 2:  PO Box:   PO Box:

City: **FORT CARSON** **FORT CARSON**

State: **CO** Zip Code: **80913** Country: **US** State: **CO** Zip Code: **80913** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

**Contact / Condition** **Problems** **Estimate** **History / Status** **Shipping / Billing**

**Contact Information:**

Phone:

Fax:

Email:

Comments:

**Received Condition**

Condition: **Poor**

Notes:

CSR Notes:

**Accessories Received**

| Code | Desc         | Qty |
|------|--------------|-----|
| A007 | With Stud    | 1   |
| A000 | With Swivel  | 1   |
| A016 | Scope Mounts | 1   |
| A017 | Scope Base   | 1   |
| A026 | Scope        | 1   |

**Repair Search** **Refresh** **Close**

12/5/00 9:34 AM

Number: **C6225285**

Model: **700**



**RE00018376**

M-24 INSPECTION CHECKLIST  
CONTRACT #: DAAE-20-97-C-242

|                                |                          |           |         |
|--------------------------------|--------------------------|-----------|---------|
| R & E NUMBER <u>18376</u>      |                          |           |         |
| SERIAL NUMBER <u>C 6225285</u> |                          |           |         |
| LOG-IN DATE <u>11-30-00</u>    |                          |           |         |
| INSPECT AND VERIFY:            |                          |           |         |
| OPERATION #                    | OPERATION NAME           | DATE      | INITIAL |
| 550                            | DIS-ASSEMBLE GUN         | 12-2-00   | CK      |
| 560 A                          | RE-BARREL AT CUSTOM SHOP |           |         |
| B                              | DRILL AND TAP            |           |         |
| C                              | POLISH                   |           |         |
| 575                            | ASSEMBLE                 |           |         |
| 600                            | PROOF                    | 12-5-00   | CK      |
| 605                            | CHECK HEADSPACE          | 12-5-00   | CK      |
| 610                            | DIS-ASSEMBLE GUN         |           |         |
| 612                            | MAGNAFLUX                |           |         |
| 615                            | ROLLMARK CALIBER         |           |         |
| 618                            | ROTO-BLAST               |           |         |
| 620                            | APPLY COATINGS           |           |         |
| 625 A                          | FINAL ASSEMBLY           |           |         |
| B                              | TRIGGER PULL TEST        |           |         |
| C                              | SAFETY "ON" FORCE        |           |         |
| D                              | SAFETY "OFF" FORCE       |           |         |
| E                              | FIRING PIN INDENT        |           |         |
| 640                            | TARGET                   |           |         |
| 655                            | FINAL INSPECT            | 12-20-00  | CK      |
| 660                            | PACK                     | 12-27-00  | CK      |
|                                |                          | SHIP DATE |         |
| QAR INSPECTION DATE            |                          |           |         |

## Final Inspection

S.N: C6225285

DATE REC'D: 11-30-00

DATE RET'D:

AUDITOR: CK

## Item:

Barrel Assy.

- ☒ BARREL
- ☒ RECEIVER
- ☒ FRONT SIGHT BLOCK
- ☒ REAR SIGHT BLOCK
- ☒ SCREWS
- ☒ FINISH

Scope Assy.

- ☒ Scope
- ☒ Scope Rings
- ☒ Mounting Screws
- ☒ Mounting Base
- ☒ Screws
- ☒ FINISH
- ☒ Looseness
- ☒ CLARITY

Misc.

- ☐ DD-250
- ☐ BAR CODE
- ☐ PACKAGING

## Item:

Stock Assy.

- ☒ Stock
- ☒ Sling Swivel Studs
- ☒ ADJUSTABLE BUTT PLATE
- ☒ LOCK NUTS
- ☒ BARREL CLEARANCE
- ☒ COLOR/FINISH

Systems Case

- ☐ Scope Case
- ☐ Iron SIGHTS
- ☐ Deployment Kit

Trigger

- ☒ SAFETY OPERATION
- ☒ SET

Comments:

**BARBER - M24 0012070**

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225285  
11 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0144

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1652

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .165826

THE AMR FOR THIS RIFLE IS: 1.155

**CENTROIDAL DISTANCES**

|        |         |
|--------|---------|
| 0 TO 1 | .567807 |
| 1 TO 2 | .699361 |
| 1 TO 3 | .514281 |
| 1 TO 4 | .451868 |
| 1 TO 5 | .940671 |

3 + 5 <----POA  
1 4 2

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

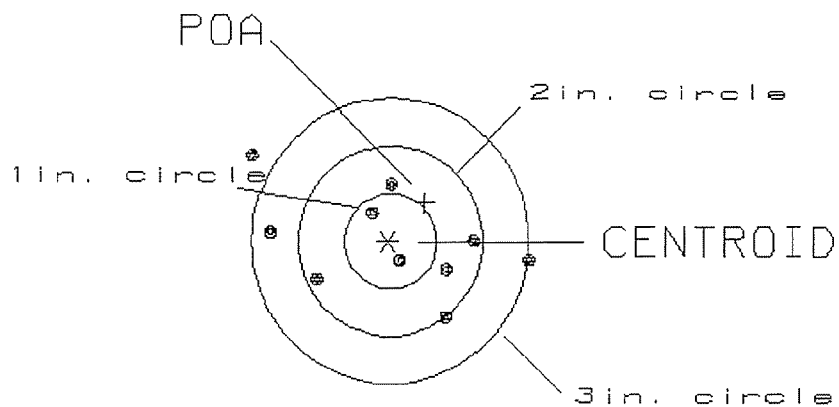
PATTERN #: 1

POA TO CENTROID: .568  
 MIN RADIUS : .262  
 MEAN RADIUS : .925  
 MAX RADIUS : 1.756  
 CENTROID X : -.402  
 CENTROID Y : -.401

11 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225285

# CENTERFIRE PATTERN # 1



# OF SHOTS= 10

# IN CIRCLE

HS= 3.01

2

VS= 1.75

6

GS= 3.20

8

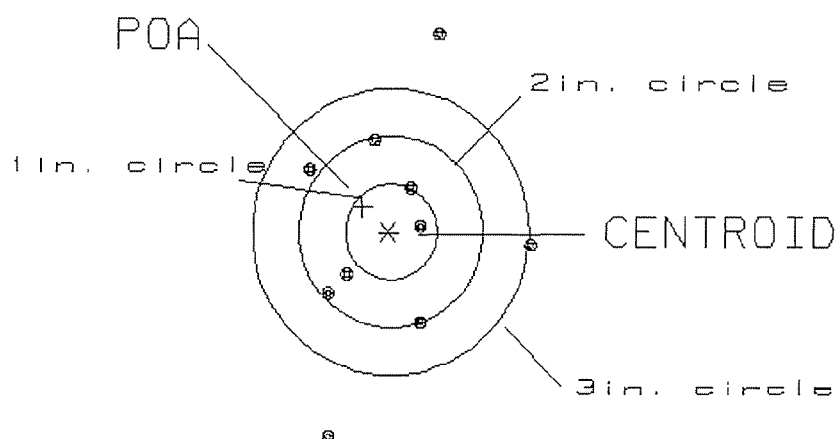
PATTERN #: 2

POA TO CENTROID: .384  
 MIN RADIUS : .333  
 MEAN RADIUS : 1.148  
 MAX RADIUS : 2.262  
 CENTROID X : .283  
 CENTROID Y : -.260

11 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225285

# CENTERFIRE PATTERN # 2



# OF SHOTS= 10

# IN CIRCLE

HS= 2.48

1

VS= 4.22

6

GS= 4.41

7

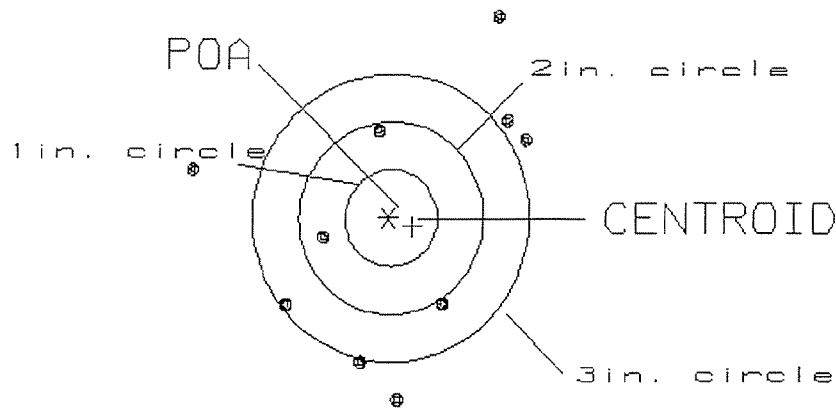
PATTERN #: 3

POA TO CENTROID: .275  
 MIN RADIUS : .753  
 MEAN RADIUS : 1.540  
 MAX RADIUS : 2.378  
 CENTROID X : -.259  
 CENTROID Y : .093

11 Jan 2001

FILE:/Hqbasic/Accuracy/Patterning/Centerfire\_Patt/c6225285

# CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 3.61  
 VS= 3.98  
 GS= 4.13

0  
 2  
 5

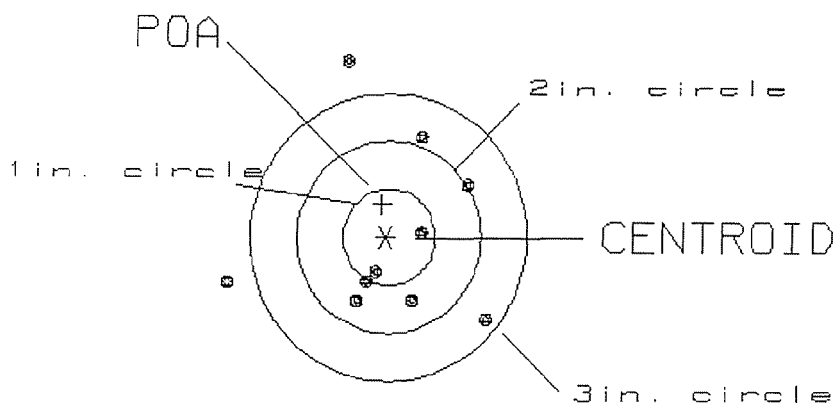
PATTERN #: 4

POA TO CENTROID: .345  
 MIN RADIUS : .313  
 MEAN RADIUS : .993  
 MAX RADIUS : 1.948  
 CENTROID X : .046  
 CENTROID Y : -.342

11 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225285

# CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 2.78

2

VS= 2.76

5

GS= 3.17

8

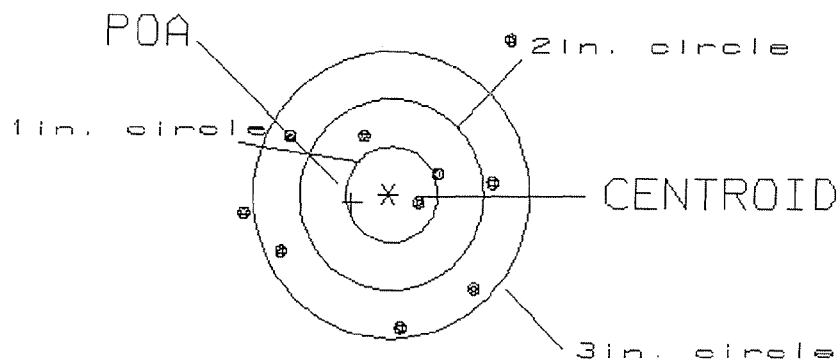
PATTERN #: 5

POA TO CENTROID: .413  
 MIN RADIUS : .340  
 MEAN RADIUS : 1.169  
 MAX RADIUS : 2.049  
 CENTROID X : .404  
 CENTROID Y : .084

11 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225285

# CENTERFIRE PATTERN # 5



# OF SHOTS= 10

# IN CIRCLE

HS= 2.82

1

VS= 3.04

3

GS= 3.32

6

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225285

| OP. #        | OP. NAME                                                       | READINGS | DATE    | INIT |
|--------------|----------------------------------------------------------------|----------|---------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 3 17     | 89      | RW   |
| 600          | Proof                                                          | 3 17     | 89      | RW   |
| 607          | Check Headspace                                                | 3 17     | 89      | RW   |
| 610          | Dis-assemble Gun                                               | 3 17     | 89      | RW   |
| 612          | Magnaflux Barrel<br>Action                                     |          | 3/21    | KCR  |
|              | Magnaflux Bolt                                                 |          | 3/21    | KCR  |
| 615          | Rollmark Caliber                                               |          | 3/21    | LS   |
| 617          | Drill and Tap Sight Holes                                      | 3 22     | 89      | FB   |
| 618          | Polish Barrel                                                  | 3 22     | 89      | BT.  |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 3-21-89 | TJA  |
|              | Apply Coating (Bolt)                                           |          |         |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 4/4/89  | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 4/4/89  | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 4/4/89  | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 4/4/89  | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 4-6-89  | JH   |

| op. #        | BARBER - M24 0012077<br>OP. NAME                                  | READINGS |      |      |      |      | DATE       | INIT |
|--------------|-------------------------------------------------------------------|----------|------|------|------|------|------------|------|
| 625<br>cont. | F) Safety On Force                                                | 8        | 8    | 8    |      |      | 4-6-89     | GU   |
|              | G) Safety Off Force                                               | 3        | 3    | 3    |      |      | 4-6-89     | GU   |
|              | H) Trigger Pull Test &<br>Retainability                           |          |      |      |      |      | 4-6-89     | S.S. |
|              | I) Firing Pin Indent                                              | .020     | .020 | .020 |      |      | 4-6-89     | GU   |
|              | J) Assemble Stock                                                 |          |      |      |      |      | 4/14/89    | RW   |
|              | K) Assemble Swivel Studs                                          |          |      |      |      |      | 21 Apr 89  | MS   |
|              | L) Attach Front and Rear<br>Sight Assemblies                      |          |      |      |      |      | 4/14/89    | RW   |
|              | M) Iron Sight Alignment                                           |          |      |      |      |      | 4/14/89    | RW   |
|              | N) Detach Front & Rear<br>Sights & place in<br>numbered container |          |      |      |      |      | 4/14/89    | RW   |
|              | O) Attach Scope to Rifle                                          |          |      |      |      |      | 4/17/89    | GU   |
|              | P) Detach & Attach Scope<br>20 Times                              |          |      |      |      |      | 4/19/89    | GU   |
| 640          | Gallery Target & Test                                             | 680      | 84L  |      |      |      | 4/19/89    | K    |
|              | A) Time                                                           |          |      |      |      |      | 4/19/89    | K    |
|              | B) Malfunctions                                                   |          |      |      |      |      | 4/19/89    | K    |
|              | C) Pierced Primers                                                |          |      |      |      |      | 4/19/89    | K    |
|              | D) Optical Clarity of Scope                                       |          |      |      |      |      | 4/19/89    | K    |
| 645          | Inspect for Live Ammo                                             |          |      |      |      |      | 4/19/89    | K    |
| 655          | Final Inspection<br>A) Headspace                                  |          |      |      |      |      | 21 Apr 89  | MS   |
|              | B) Trigger Pull                                                   | 2.16     | 2.08 | 2.34 | 2.34 | 2.16 | 21 Apr 89  | MS   |
|              | C) Function                                                       |          |      |      |      |      | 21 Apr 89  | MS   |
| 660          | Pack                                                              |          |      |      |      |      | 27 June 89 | MS   |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 5285

DATE 3.26-90

TESTER JL

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS          |
|---------|------------------|--------------------------|--------------------------------|-------|-------------------|
| PULL #1 | 2.57             | 2.52                     |                                | 2.58  | MIN. SETTING,     |
| PULL #2 | 2.53             | 2.51                     |                                | 2.54  | NO AVG. OF 5      |
| PULL #3 | 2.51             | 2.54                     |                                | 2.51  | READINGS ACCEPT-  |
| PULL #4 | 2.52             | 2.58                     |                                | 2.50  | ABLE LESS THAN 2# |
| PULL #5 | 2.42             | 2.50                     |                                | 2.55  |                   |
| TOTAL   | 12.55            | 12.65                    |                                | 12.68 |                   |
| AVG.    | 2.51             | 2.53                     |                                | 2.536 |                   |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.22             | 3.35                     |  |          |
| PULL #2 | 3.24             | 3.24                     |  |          |
| PULL #3 | 3.16             | 3.39                     |  |          |
| PULL #4 | 3.57             | 3.22                     |  |          |
| PULL #5 | 3.37             | 3.37                     |  |          |
| TOTAL   | 16.56            | 16.57                    |  |          |
| AVG.    | 3.312            | 3.114                    |  |          |

|         | 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 | 4.23             | 4.48                     |                                |                                      |
| PULL #2 | 4.46             | 4.43                     |                                |                                      |
| PULL #3 | 4.43             | 4.44                     |                                |                                      |
| PULL #4 | 4.44             | 4.40                     |                                |                                      |
| PULL #5 | 4.44             | 4.41                     |                                |                                      |
| TOTAL   | 22.00            | 22.16                    |                                |                                      |
| AVG.    | 4.4              | 4.432                    |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6225285  
20 Apr 1989

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .378451 |
| 1 TO | 2 | .545785 |
| 1 TO | 3 | 1.06112 |
| 1 TO | 4 | .616293 |
| 1 TO | 5 | .880986 |

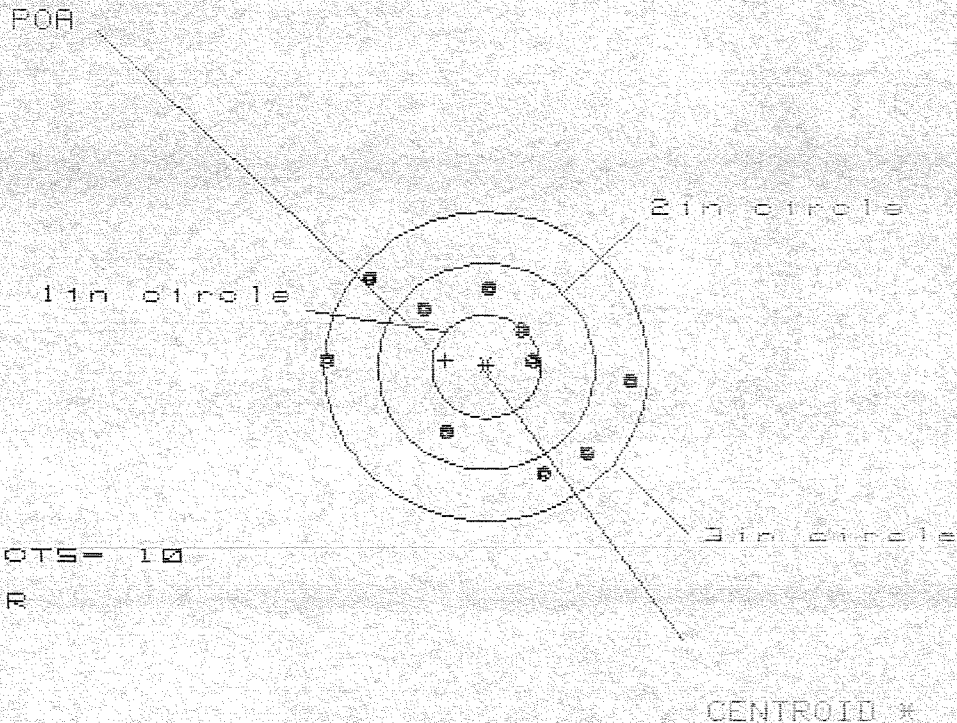
4+1 (----POA  
3 5<sup>2</sup>

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1758  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2984  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .346335  
THE AMR FOR THIS RIFLE IS: 1.029

20 Apr 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225285

## CENTERFIRE PATTERNS # 1



# OF SHOTS= 10

# IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.848

VS= 1.840

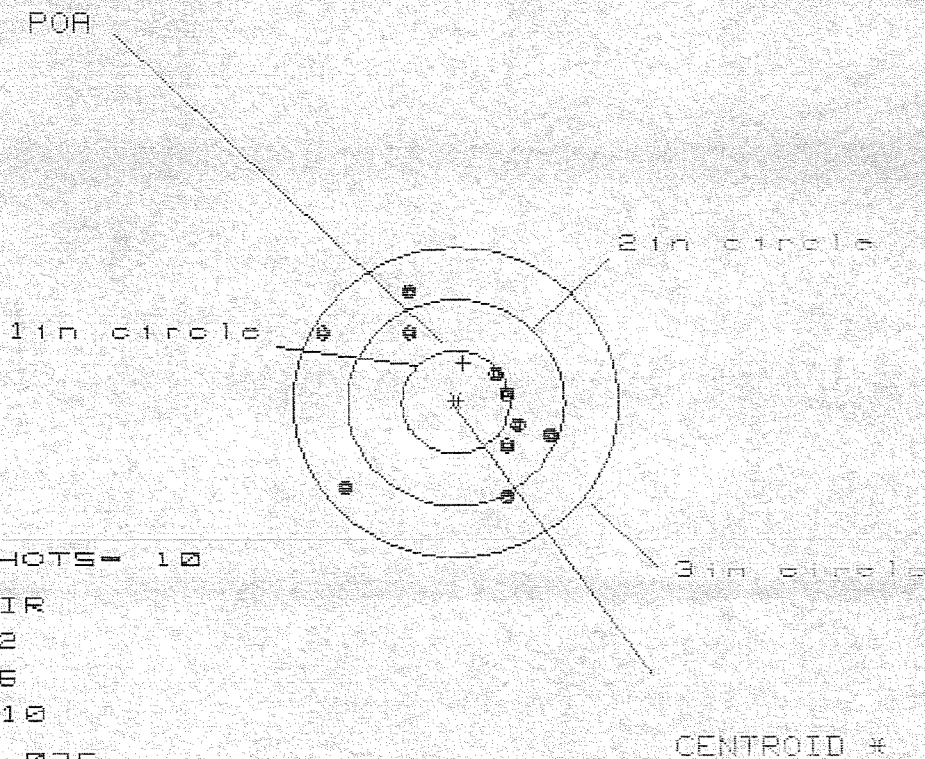
GS= 2.851

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.335  | 1.167  | 1.013  |
| MINIMUM X                     | -1.513 | -1.229 | -1.928 |
| MAXIMUM Y                     | .827   | .830   | .824   |
| MINIMUM Y                     | -1.013 | -1.010 | -1.906 |
| CENTROID X                    | .373   | .541   | .695   |
| CENTROID Y                    | -.064  | -.067  | -.170  |
| POA TO CENTROID in.           | .379   | .546   | .716   |
| MIN RADIUS                    | .435   | .270   | .198   |
| MEAN RADIUS                   | .976   | .892   | .807   |
| MAX RADIUS                    | 1.514  | 1.483  | 1.123  |
| HORIZONTAL SPREAD             | 2.848  | 2.396  | 1.941  |
| VERTICAL SPREAD               | 1.840  | 1.840  | 1.730  |
| EXTREME SPREAD                | 2.851  | 2.588  | 2.046  |
| NUMBER IN ONE INCH CIRCLE =   | 2      | 5      | 9      |
| NUMBER IN TWO INCH CIRCLE =   | 5      | 9      | 9      |
| NUMBER IN THREE INCH CIRCLE = | 9      | 9      | 9      |

28 Apr 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/08225285

## CENTERFIRE PATTERNS # 2



# OF SHOTS = 10

# IN CIR

1 in = 2

2 in = 6

3 in = 10

HS = 2.036

VS = 2.029

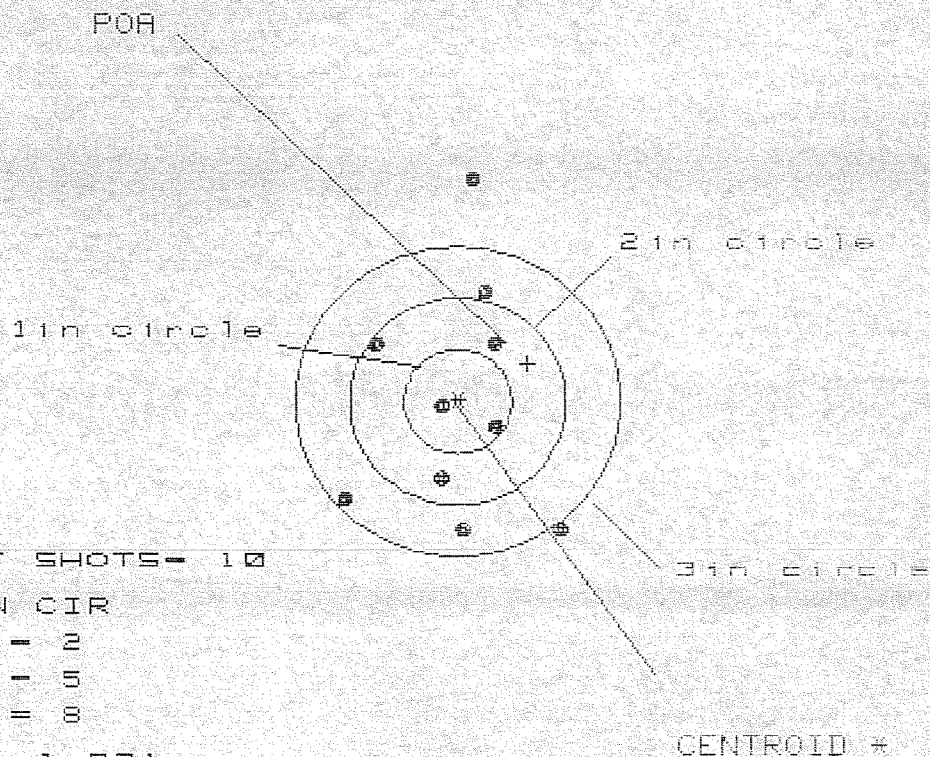
QS = 2.318

| PATTERN #                   | : | 2      |        |       |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | .830   | .696   | .545  |
| MINIMUM X                   | : | -1.206 | -1.206 | -.745 |
| MAXIMUM Y                   | : | 1.075  | 1.150  | 1.054 |
| MINIMUM Y                   | : | -.954  | -.879  | -.975 |
| CENTROID X                  | : | -.072  | .062   | .213  |
| CENTROID Y                  | : | -.380  | -.455  | -.359 |
| POA TO CENTROID in.         | : | .387   | .459   | .417  |
| MIN RADIUS                  | : | .479   | .368   | .195  |
| MEAN RADIUS                 | : | .884   | .787   | .655  |
| MAX RADIUS                  | : | 1.383  | 1.431  | 1.290 |
| HORIZONTAL SPREAD           | : | 2.036  | 1.902  | 1.290 |
| VERTICAL SPREAD             | : | 2.029  | 2.029  | 2.029 |
| EXTREME SPREAD              | : | 2.318  | 2.220  | 2.220 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |       |

20 Apr 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C0225285

## CENTERFIRE PATTERNS # 3



# OF SHOTS = 10

# IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 1.971

VS = 3.454

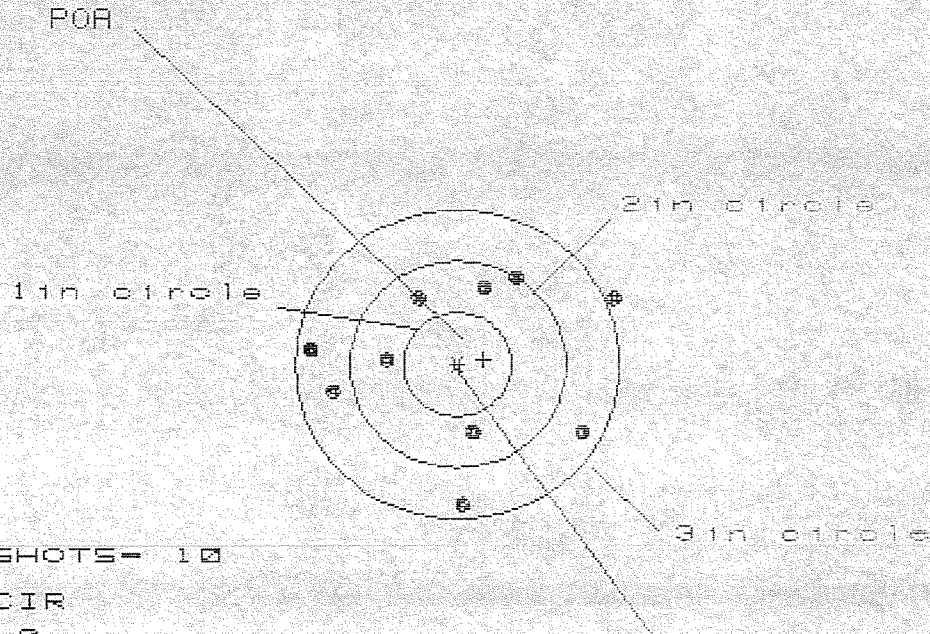
GS = 3.511

| PATTERN #                     | 3      |
|-------------------------------|--------|
| SHOTS (BEST OF)               | 10     |
| MAXIMUM X                     | .933   |
| MINIMUM X                     | -1.038 |
| MAXIMUM Y                     | 2.177  |
| MINIMUM Y                     | -1.277 |
| CENTROID X                    | -.646  |
| CENTROID Y                    | -.360  |
| POA TO CENTROID in.           | .739   |
| MIN RADIUS                    | .145   |
| MEAN RADIUS                   | 1.035  |
| MAX RADIUS                    | 2.180  |
| HORIZONTAL SPREAD             | 1.971  |
| VERTICAL SPREAD               | 3.454  |
| EXTREME SPREAD                | 3.511  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |
| NUMBER IN TWO INCH CIRCLE =   | 5      |
| NUMBER IN THREE INCH CIRCLE = | 8      |

20 Apr 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C6225265

## CENTERFIRE PATTERNS # 4



# OF SHOTS = 10

# IN CIR

1 in = 0

2 in = 5

3 in = 9

HS = 2.749

VS = 2.183

GS = 2.790

CENTROID #

| PATTERN #                     | : | 4      |        |        |
|-------------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)               | : | 10     | 9      | 8      |
| MAXIMUM X                     | : | 1.413  | 1.280  | 1.310  |
| MINIMUM X                     | : | -1.336 | -1.179 | -1.149 |
| MAXIMUM Y                     | : | .812   | .882   | .720   |
| MINIMUM Y                     | : | -1.371 | -1.301 | -1.778 |
| CENTROID X                    | : | -.243  | -.400  | -.430  |
| CENTROID Y                    | : | -.045  | -.115  | .047   |
| POA TO CENTROID in.:          | : | .247   | .416   | .432   |
| MIN RADIUS                    | : | .688   | .537   | .506   |
| MEAN RADIUS                   | : | 1.058  | .987   | .920   |
| MAX RADIUS                    | : | 1.548  | 1.391  | 1.489  |
| HORIZONTAL SPREAD             | : | 2.749  | 2.459  | 2.459  |
| VERTICAL SPREAD               | : | 2.183  | 2.183  | 1.498  |
| EXTREME SPREAD                | : | 2.790  | 2.577  | 2.577  |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 0      |        |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE = |   |        | 9      |        |

20 Apr 1985

FILE:/PATTERNING/CENTERFIRE\_PATT-06225285

## CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID \*

# OF SHOTS = 10

# IN CIR

1in = 0

2in = 4

3in = 8

HS = 2.825

VS = 2.383

ES = 2.958

| PATTERN #                   | : | 5      | 9      | 8      |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.183  | 1.000  | .971   |
| MINIMUM X                   | : | -1.642 | -.752  | -.627  |
| MAXIMUM Y                   | : | .996   | 1.105  | .979   |
| MINIMUM Y                   | : | -1.387 | -1.278 | -1.140 |
| CENTROID X                  | : | -.291  | -.108  | -.233  |
| CENTROID Y                  | : | -.643  | -.752  | -.890  |
| POA TO CENTROID in.         | : | .705   | .759   | .920   |
| MIN RADIUS                  | : | .736   | .847   | .785   |
| MEAN RADIUS                 | : | 1.192  | 1.101  | 1.046  |
| MAX RADIUS                  | : | 1.912  | 1.490  | 1.301  |
| HORIZONTAL SPREAD           | : | 2.825  | 1.752  | 1.598  |
| VERTICAL SPREAD             | : | 2.383  | 2.383  | 2.119  |
| EXTREME SPREAD              | : | 2.958  | 2.958  | 2.418  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 0      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |        |

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

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

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

**MODEL 700™ M24**

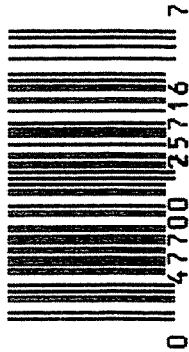
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