

C6225398

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

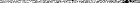
Capacity

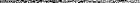
Order No. **5716**

\*Includes 1 in chamber.

*Remington*





Serial Number: C6225398

Model: 700



RE00062254

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225398.\_\_\_0  
FILE DATE AND TIME: 03/21/2003 15:20

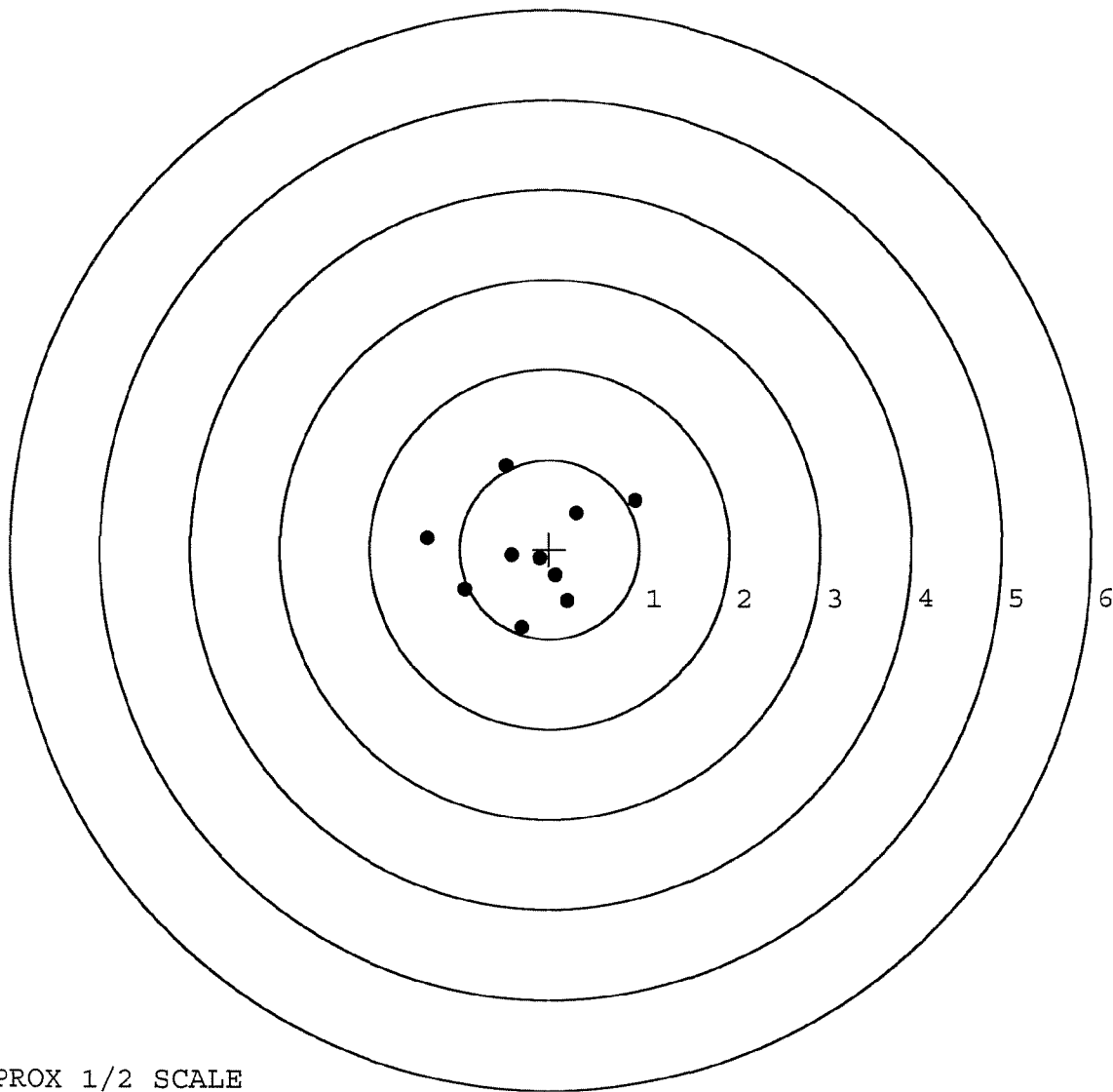
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.096 |
| The Average Y Centroid of the Five Target Set:              | -0.034 |
| The Average Point of Impact of the Five Target Set:         | 0.102  |
| The Average Mean Radius of the Five Target Set:             | 0.645  |
| The Distance from POA to Centroid Target #1:                | 0.212  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.397  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.137  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.141  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.075  |

SERIAL NUMBER: C6225398. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 03/21/2003  
FILE TIME: 15:20

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.960  | 0.545  |
| 2:     | 0.297  | 0.406  |
| 3:     | -0.481 | 0.937  |
| 4:     | -1.361 | 0.121  |
| 5:     | -0.945 | -0.452 |
| 6:     | -0.307 | -0.875 |
| 7:     | 0.205  | -0.574 |
| 8:     | 0.071  | -0.290 |
| 9:     | -0.110 | -0.104 |
| 10:    | -0.420 | -0.069 |

X CENTROID: -0.209  
Y CENTROID: -0.035  
POA TO CENTROID: 0.212  
HORZ SPREAD: 2.321  
VERT SPREAD: 1.812  
GROUP SPREAD: 2.359  
MIN RADIUS: 0.120  
MAX RADIUS: 1.305  
MEAN RADIUS: 0.723  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225398. \_\_0

TARGET NUMBER: 2

FILE DATE: 03/21/2003

FILE TIME: 15:20

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.020  | -0.203 |
| 2:     | -0.022 | -1.309 |
| 3:     | -0.056 | -0.307 |
| 4:     | -0.428 | 0.364  |
| 5:     | -0.325 | 0.867  |
| 6:     | 0.059  | 0.169  |
| 7:     | 0.446  | 0.022  |
| 8:     | 0.355  | 0.159  |
| 9:     | 0.372  | 0.285  |
| 10:    | 0.442  | -0.004 |

X CENTROID: 0.186

Y CENTROID: 0.004

POA TO CENTROID: 0.186

HORZ SPREAD: 1.448

VERT SPREAD: 2.176

GROUP SPREAD: 2.197

MIN RADIUS: 0.208

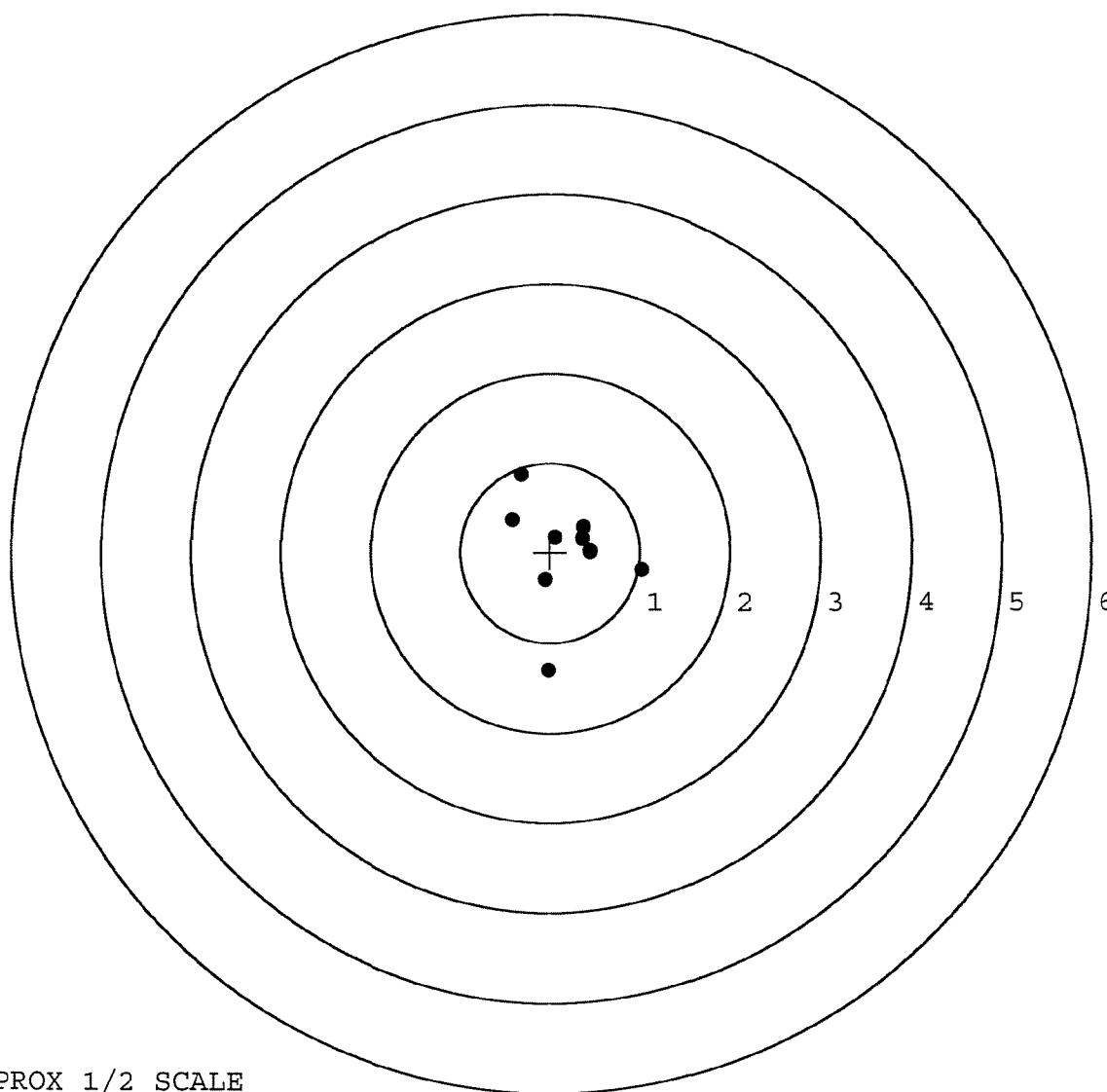
MAX RADIUS: 1.330

MEAN RADIUS: 0.559

# IN 1 IN DIAMETER: 6

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10

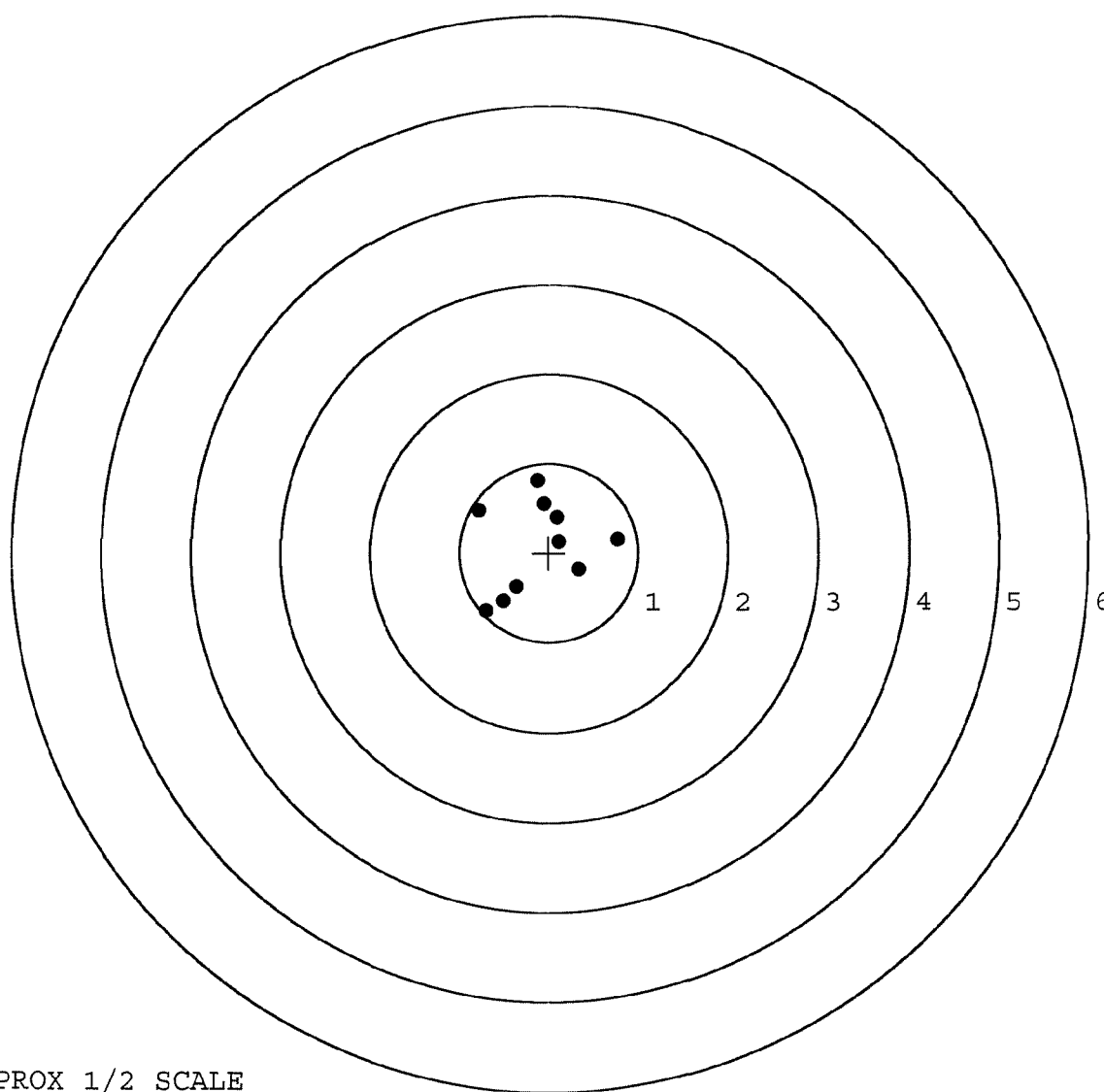


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225398.\_\_\_0  
TARGET NUMBER: 3  
FILE DATE: 03/21/2003  
FILE TIME: 15:20

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.762  | 0.152  |
| 2:     | 0.338  | -0.193 |
| 3:     | -0.363 | -0.381 |
| 4:     | -0.510 | -0.541 |
| 5:     | -0.703 | -0.656 |
| 6:     | -0.783 | 0.476  |
| 7:     | -0.140 | 0.809  |
| 8:     | -0.066 | 0.547  |
| 9:     | 0.089  | 0.395  |
| 10:    | 0.117  | 0.123  |

X CENTROID: -0.126  
Y CENTROID: 0.073  
POA TO CENTROID: 0.146  
HORZ SPREAD: 1.545  
VERT SPREAD: 1.465  
GROUP SPREAD: 1.673  
MIN RADIUS: 0.248  
MAX RADIUS: 0.930  
MEAN RADIUS: 0.621  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10

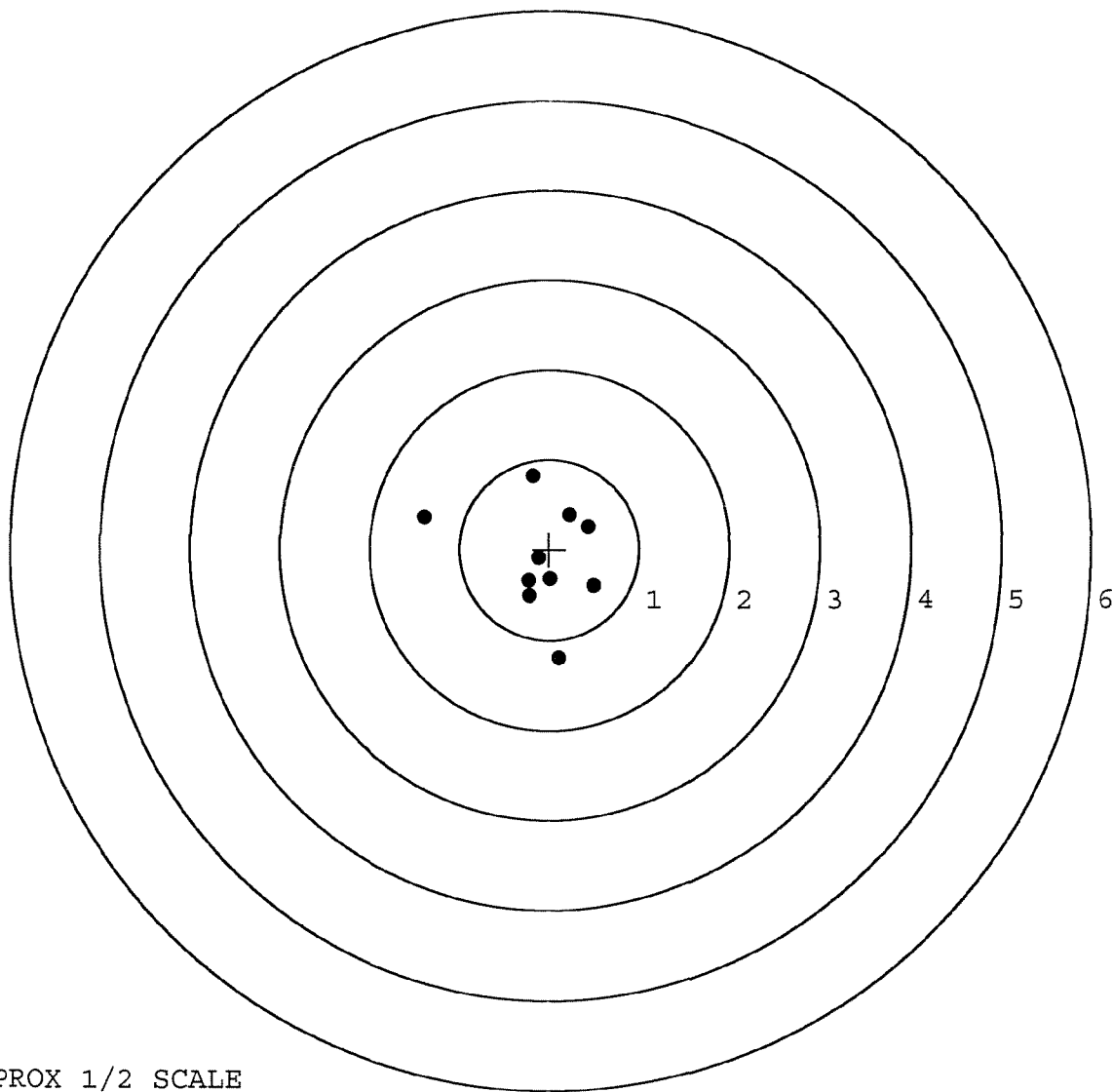


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225398. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 03/21/2003  
FILE TIME: 15:20

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.495  | -0.400 |
| 2:     | 0.109  | -1.204 |
| 3:     | -1.394 | 0.360  |
| 4:     | -0.191 | 0.814  |
| 5:     | 0.224  | 0.385  |
| 6:     | 0.433  | 0.248  |
| 7:     | -0.122 | -0.099 |
| 8:     | 0.009  | -0.332 |
| 9:     | -0.227 | -0.349 |
| 10:    | -0.222 | -0.514 |

X CENTROID: -0.089  
Y CENTROID: -0.109  
POA TO CENTROID: 0.141  
HORZ SPREAD: 1.889  
VERT SPREAD: 2.018  
GROUP SPREAD: 2.169  
MIN RADIUS: 0.035  
MAX RADIUS: 1.387  
MEAN RADIUS: 0.628  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10

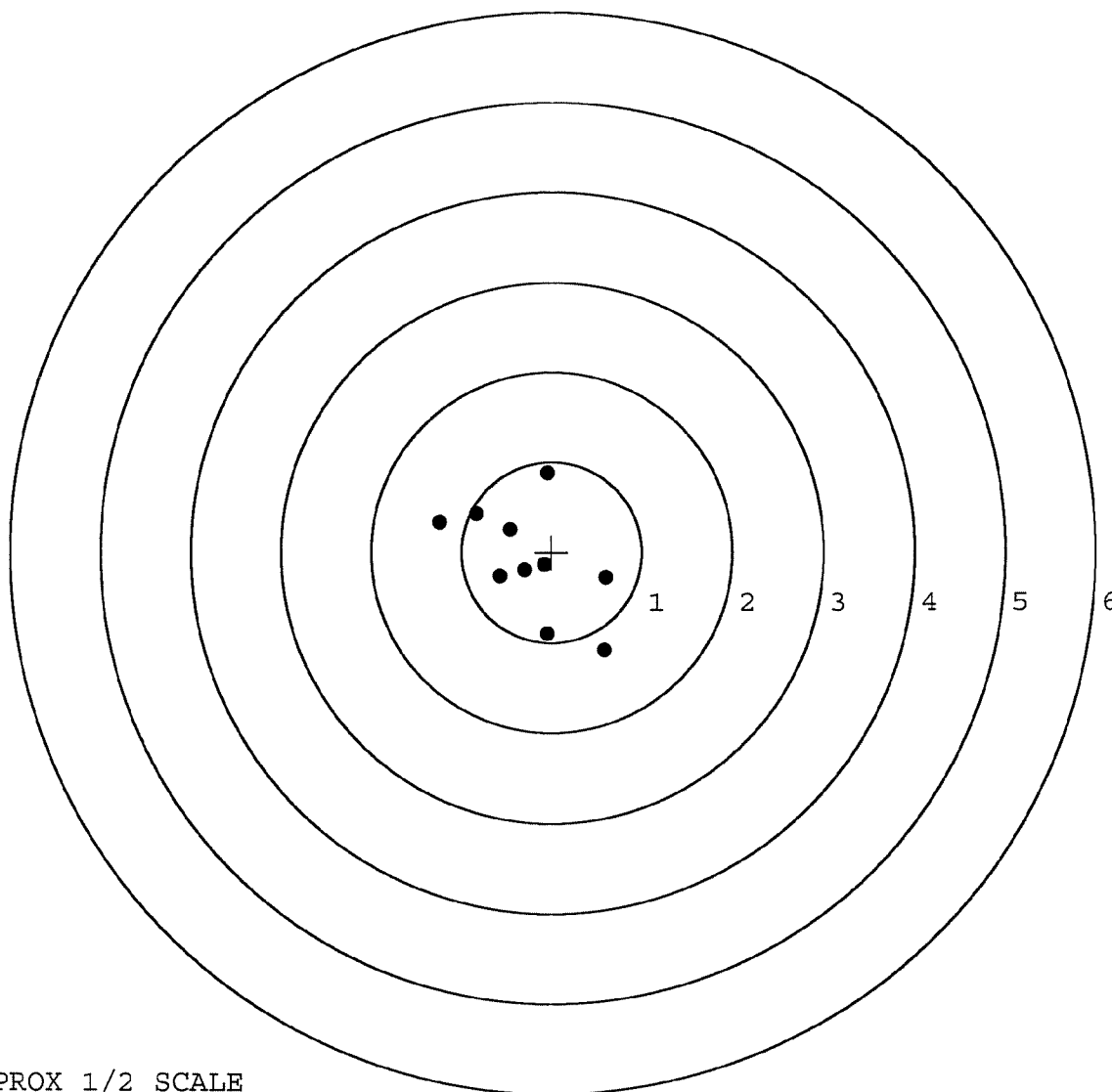


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225398.\_\_\_0  
TARGET NUMBER: 5  
FILE DATE: 03/21/2003  
FILE TIME: 15:20

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.592  | -1.090 |
| 2:     | -0.050 | -0.911 |
| 3:     | 0.605  | -0.286 |
| 4:     | -0.082 | -0.145 |
| 5:     | -0.306 | -0.204 |
| 6:     | -0.580 | -0.273 |
| 7:     | -0.466 | 0.249  |
| 8:     | -0.834 | 0.421  |
| 9:     | -1.242 | 0.332  |
| 10:    | -0.050 | 0.878  |

X CENTROID: -0.241  
Y CENTROID: -0.103  
POA TO CENTROID: 0.262  
HORZ SPREAD: 1.847  
VERT SPREAD: 1.968  
GROUP SPREAD: 2.321  
MIN RADIUS: 0.120  
MAX RADIUS: 1.292  
MEAN RADIUS: 0.695  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE



**M-24 INSPECTION CHECKLIST**  
**CONTRACT #: DAAE-20-02-D-0127**

|                            |                     |           |         |
|----------------------------|---------------------|-----------|---------|
| R & E NUMBER               | 62254               |           |         |
| SERIAL NUMBER              | C6225398            |           |         |
| LOG-IN DATE                | 2-26-03             |           |         |
| <b>INSPECT AND VERIFY:</b> |                     |           |         |
| OPERATION #                | OPERATION NAME      | DATE      | INITIAL |
| 550                        | DIS-ASSEMBLE GUN    | 2-27-03   | RTL     |
| 560 A                      | RE-BARREL           | 3-4-03    | RTL     |
| B                          | DRILL AND TAP       | 3-6-03    | TRW     |
| 575                        | ASSEMBLE            | 3-5-03    | RTL     |
| 600                        | PROOF               | 3-5-03    | AC      |
| 605                        | CHECK HEADSPACE     | 3-5-03    | AC      |
| 610                        | DIS-ASSEMBLE GUN    | 3-5-03    | AC      |
| 612                        | MAGNAFLUX OPERATOR  | 3-7-03    | JP      |
| 615                        | ROLLMARK CALIBER    | 3-7-03    | JB      |
| 618                        | ROTO-BLAST          | 3-10-03   | KD      |
| 620                        | APPLY COATINGS      | 3-18      | TA      |
| 625 A                      | FINAL ASSEMBLY      | 3-19-03   | RTL     |
| B                          | TRIGGER PULL TEST   |           |         |
| C                          | SAFETY "ON" FORCE   |           |         |
| D                          | SAFETY "OFF" FORCE  |           |         |
| E                          | FIRING PIN INDENT   |           |         |
| 640                        | TARGET              | 3-20-03   | AC      |
| 655                        | FINAL INSPECT       | 3-21-03   | RTL     |
| 660                        | PACK                | 3-21-03   | DA      |
|                            |                     |           |         |
|                            |                     |           |         |
|                            |                     |           |         |
|                            |                     |           |         |
|                            |                     |           |         |
|                            |                     | SHIP DATE |         |
|                            |                     |           |         |
|                            | QAR INSPECTION DATE |           |         |

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

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

**MODEL 700™ H24**

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

**SERIAL NO.**  
C6225398

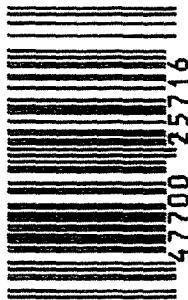
**ORDER NO.**  
5716

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

01

5716 C6225398

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

INTERCHANGEABILITY

GUN SERIAL # C6225398

| OP. #        | OP. NAME                                                       | READINGS                     | DATE    | INIT |
|--------------|----------------------------------------------------------------|------------------------------|---------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | <div>QUALITY<br/>AUDIT</div> | 4 12 89 | RW   |
| 600          | Proof                                                          |                              | 4 12 89 | RW   |
| 607          | Check Headspace                                                |                              | 4 12 89 | RW   |
| 610          | Dis-assemble Gun                                               |                              | 4 12 89 | RW   |
| 612          | Magnaflux Barrel<br>Action                                     |                              | 4/13/89 | KCR  |
|              | Magnaflux Bolt                                                 |                              | 4/14/89 | KCR  |
| 615          | Rollmark Caliber                                               |                              | 4/15/89 | PS   |
| 617          | Drill and Tap Sight Holes                                      | 4 14 89                      |         | YB   |
| 618          | Polish Barrel RB                                               | 4 14 89                      |         | BT   |
| 620          | Apply Coatings<br>(Barrel Action)                              |                              | 4/20/89 | TJA  |
|              | Apply Coating (Bolt)                                           |                              |         |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |                              | 4/20/89 | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |                              | 4/20/89 | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |                              | 4/20/89 | RW   |
|              | D) Oil Firing Pin Ass'y                                        |                              | 4/20/89 | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |                              | 4/21/89 | Y.S. |

| op. #        | OP. NAME                                                    | READINGS |      |      |      |      | DATE        | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|------|------|-------------|------|
| 625<br>cont. | F) Safety On Force                                          | 5        | 5    | 5    |      |      | 4/21/89     | JJ   |
|              | G) Safety Off Force                                         | 3        | 3    | 3    |      |      | 4/21/89     | JJ   |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |      |      | 4/21/89     | S.S. |
|              | I) Firing Pin Indent                                        | .020     | .020 | .020 |      |      | 4/21/89     | JJ   |
|              | J) Assemble Stock                                           |          |      |      |      |      | 4/24/89     | RW   |
|              | K) Assemble Swivel Studs                                    |          |      |      |      |      | 26 April 89 | JS   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |      |      |      | 4/24/89     | RW   |
|              | M) Iron Sight Alignment                                     |          |      |      |      |      | 4/24/89     | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |      |      |      | 4/24/89     | RW   |
|              | O) Attach Scope to Rifle                                    |          |      |      |      |      | 4/24/89     | JJ   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |      |      |      | 4/24/89     | JJ   |
| 640          | Gallery Target & Test                                       | 75 R     | 75 L |      |      |      | 4-25-89     | K    |
|              | A) Time                                                     |          |      |      |      |      | 11          | K    |
|              | B) Malfunctions                                             |          |      |      |      |      | 11          | K    |
|              | C) Pierced Primers                                          |          |      |      |      |      | 11          | K    |
|              | D) Optical Clarity of Scope                                 |          |      |      |      |      | 11          | K    |
| 645          | Inspect for Live Ammo                                       |          |      |      |      |      | 4-25-89     | AC   |
| 655          | Final Inspection                                            |          |      |      |      |      |             |      |
|              | A) Headspace                                                |          |      |      |      |      | 26 April 89 | JS   |
|              | B) Trigger Pull                                             | 2.07     | 2.30 | 2.27 | 2.18 | 2.12 | 26 April 89 | JS   |
|              | C) Function                                                 |          |      |      |      |      | 26 April 89 | JS   |
| 660          | Pack                                                        |          |      |      |      |      | 27 June 89  | JS   |

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C625398

DATE 3-30-90

TESTER JEL

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-------|------------------------------------------------------------------------|
| PULL #1 | 2.38             | 2.39                     |                                | 2.41  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.38             | 2.37                     |                                | 2.40  |                                                                        |
| PULL #3 | 2.32             | 2.41                     |                                | 2.38  |                                                                        |
| PULL #4 | 2.36             | 2.35                     |                                | 2.41  |                                                                        |
| PULL #5 | 2.20             | 2.37                     |                                | 2.28  |                                                                        |
| TOTAL   | 11.64            | 11.89                    |                                | 11.88 |                                                                        |
| AVG.    | 2.328            | 2.378                    |                                | 2.376 |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.38             | 3.42                     |  |          |
| PULL #2 | 3.48             | 3.43                     |  |          |
| PULL #3 | 3.35             | 3.47                     |  |          |
| PULL #4 | 3.53             | 3.50                     |  |          |
| PULL #5 | 3.08             | 3.39                     |  |          |
| TOTAL   | 16.82            | 17.21                    |  |          |
| AVG.    | 3.364            | 3.442                    |  |          |

|         | 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             | 4.26                     |                                |                                      |
| PULL #2 | 4.31             | 4.16                     |                                |                                      |
| PULL #3 | 4.14             | 4.31                     |                                |                                      |
| PULL #4 | 4.24             | 4.26                     |                                |                                      |
| PULL #5 | 4.28             | 4.26                     |                                |                                      |
| TOTAL   | 21.17            | 21.25                    |                                |                                      |
| AVG.    | 4.234            | 4.25                     |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6225398  
26 Apr 1989

CENTROIDAL DISTANCES

|      |   |          |
|------|---|----------|
| 0 TO | 1 | .598535  |
| 1 TO | 2 | .0771038 |
| 1 TO | 3 | .846568  |
| 1 TO | 4 | 1.12718  |
| 1 TO | 5 | .768505  |

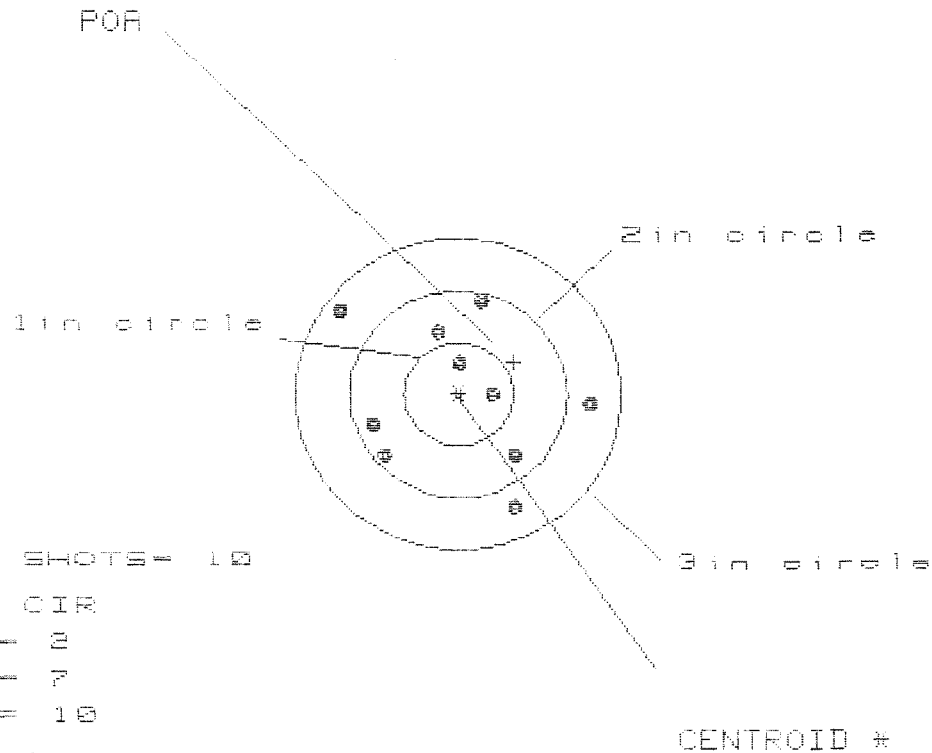
5  
8 9 + <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.088  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.164  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .186118  
THE AMR FOR THIS RIFLE IS: 1.013

26 Apr 1985

FILE:/PATTERNING/CENTERFIRE\_PATT/06225398

# CENTERFIRE PATTERNS # 1



# OF SHOTS= 10

# IN CIR

1in = 2

2in = 7

3in = 10

HS= 2.250

VS= 1.974

GS= 2.511

| PATTERN #                     | 1      | 2     | 3     |
|-------------------------------|--------|-------|-------|
| SHOTS (BEST OF)               | 10     | 9     | 8     |
| MAXIMUM X                     | 1.189  | 1.071 | 1.125 |
| MINIMUM X                     | -1.061 | -.955 | -.901 |
| MAXIMUM Y                     | .885   | .977  | .853  |
| MINIMUM Y                     | -1.089 | -.997 | -.607 |
| CENTROID X                    | -.512  | -.394 | -.448 |
| CENTROID Y                    | -.310  | -.402 | -.278 |
| POA TO CENTROID in.           | .598   | .563  | .527  |
| MIN RADIUS                    | .265   | .237  | .242  |
| MEAN RADIUS                   | .844   | .782  | .726  |
| MAX RADIUS                    | 1.349  | 1.088 | 1.130 |
| HORIZONTAL SPREAD             | 2.250  | 2.026 | 2.026 |
| VERTICAL SPREAD               | 1.974  | 1.974 | 1.460 |
| EXTREME SPREAD                | 2.511  | 2.036 | 2.036 |
| NUMBER IN ONE INCH CIRCLE =   | 2      |       |       |
| NUMBER IN TWO INCH CIRCLE =   | 7      |       |       |
| NUMBER IN THREE INCH CIRCLE = | 10     |       |       |

26 Apr 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/06225399

# CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.580

VS= 2.777

GS= 3.657

CENTROID \*

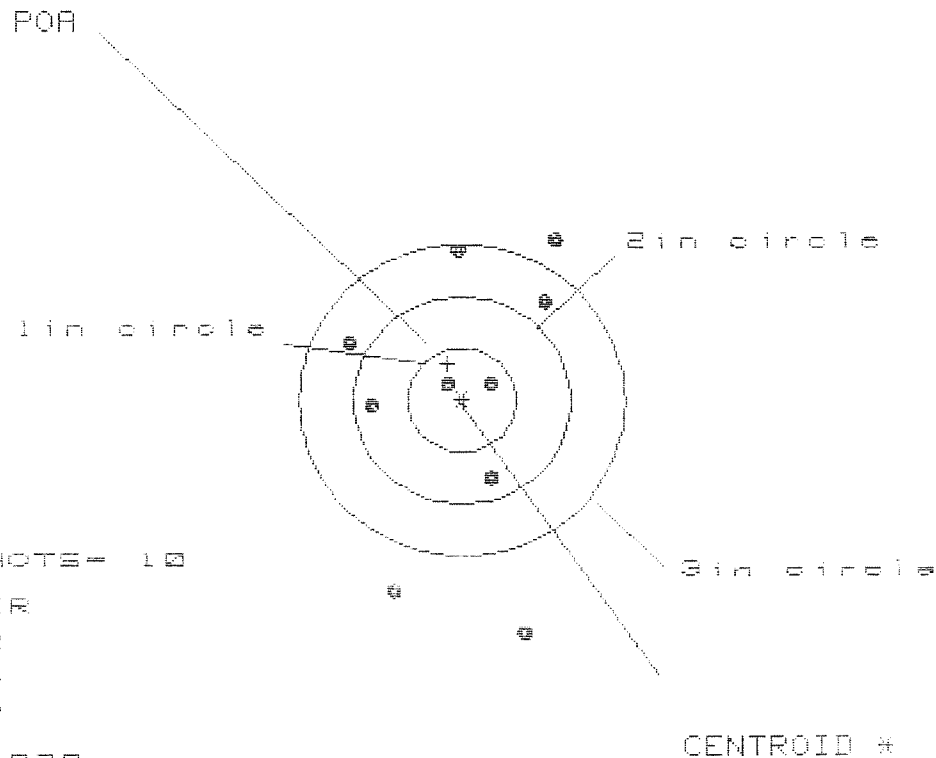
|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 2      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.017  | .843   | .929   |
| MINIMUM X                   | : | -1.563 | -.771  | -.684  |
| MAXIMUM Y                   | : | 1.315  | 1.153  | 1.292  |
| MINIMUM Y                   | : | -1.462 | -1.211 | -1.072 |
| CENTROID X                  | : | -.436  | -.262  | -.348  |
| CENTROID Y                  | : | -.323  | -.161  | -.300  |
| POA TO CENTROID in.         | : | .543   | .308   | .460   |
| MIN RADIUS                  | : | .178   | .120   | .150   |
| MEAN RADIUS                 | : | 1.040  | .902   | .841   |
| MAX RADIUS                  | : | 2.140  | 1.436  | 1.361  |
| HORIZONTAL SPREAD           | : | 2.580  | 1.614  | 1.614  |
| VERTICAL SPREAD             | : | 2.777  | 2.364  | 2.364  |
| EXTREME SPREAD              | : | 3.657  | 2.744  | 2.613  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |        |



26 Apr 1989

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# CENTERFIRE PATTERNS # 3



# OF SHOTS = 10

# IN CIR

1 in = 2

2 in = 4

3 in = 7

HS = 1.879

VS = 3.808

GS = 3.824

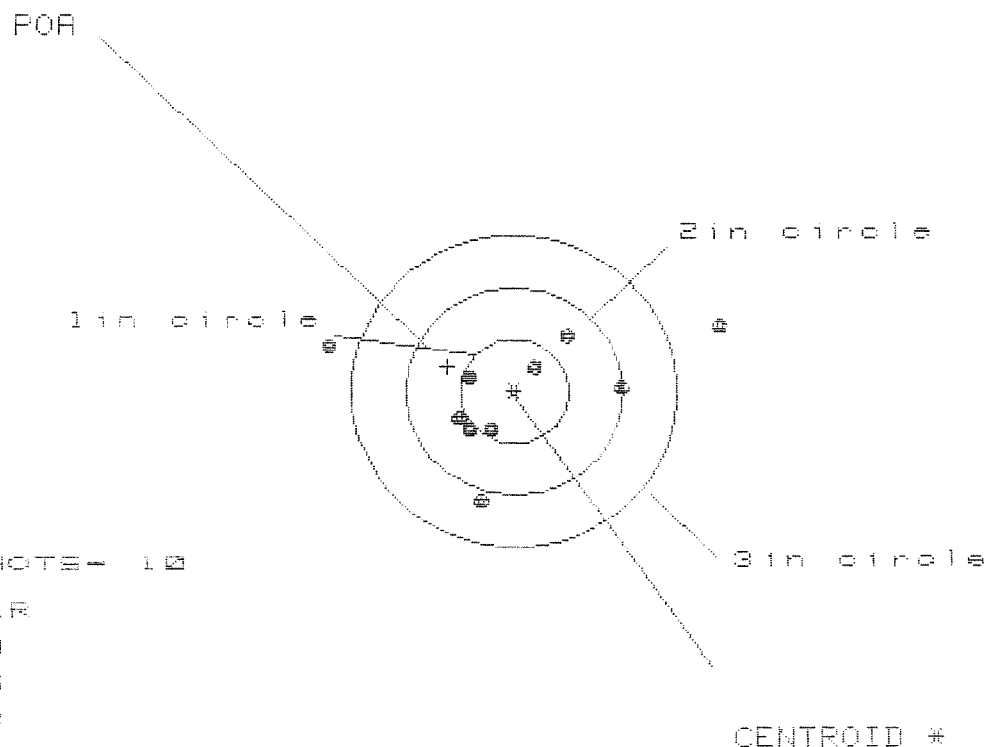
CENTROID \*

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 3      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | .870   | .927   | .854   |
| MINIMUM X                   | : | -1.009 | -.952  | -1.025 |
| MAXIMUM Y                   | : | 1.566  | 1.317  | 1.054  |
| MINIMUM Y                   | : | -2.242 | -2.099 | -1.209 |
| CENTROID X                  | : | .133   | .076   | .149   |
| CENTROID Y                  | : | -.355  | -.106  | .157   |
| POA TO CENTROID in.         | : | .379   | .130   | .216   |
| MIN RADIUS                  | : | .176   | .144   | .399   |
| MEAN RADIUS                 | : | 1.185  | 1.027  | .891   |
| MAX RADIUS                  | : | 2.301  | 2.179  | 1.357  |
| HORIZONTAL SPREAD           | : | 1.879  | 1.879  | 1.879  |
| VERTICAL SPREAD             | : | 3.808  | 3.416  | 2.263  |
| EXTREME SPREAD              | : | 3.824  | 3.736  | 2.349  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 7      |        |

26 Apr 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/06225398

# CENTERFIRE PATTERNS # 4



# OF SHOTS- 10

# IN CIR

1in = 3

2in = 5

3in = 8

HS= 3.574

VS= 1.624

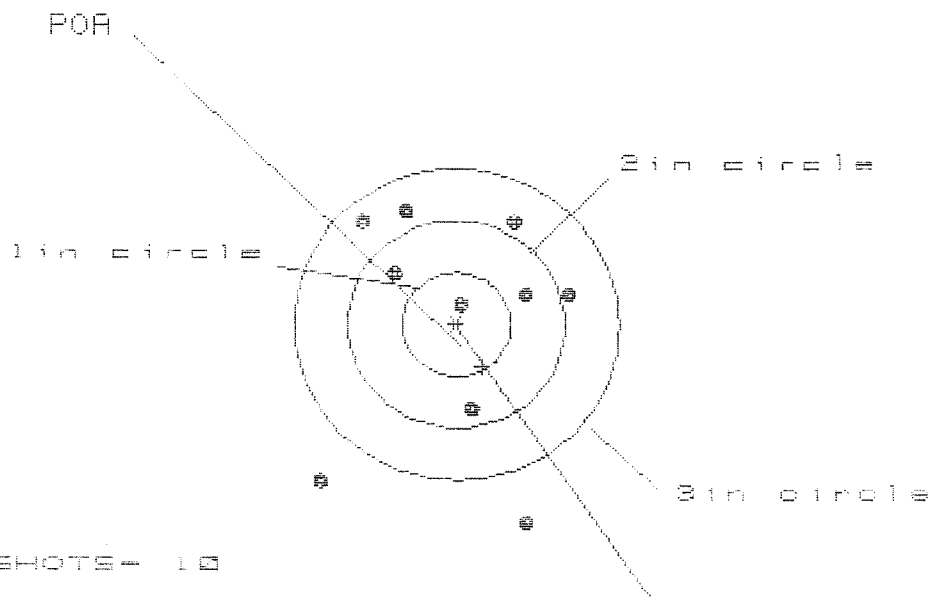
GS= 3.578

| PATTERN #                   | : | 4      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.845  | 1.211  | 1.620  |
| MINIMUM X                   | : | -1.729 | -1.524 | -1.528 |
| MAXIMUM Y                   | : | .603   | .615   | .678   |
| MINIMUM Y                   | : | -1.021 | -.954  | -.990  |
| CENTROID X                  | : | .613   | .488   | .599   |
| CENTROID Y                  | : | -.240  | -.387  | -.370  |
| FOR TO CENTROID in.         | : | .658   | .511   | .784   |
| MIN RADIUS                  | : | .347   | .254   | .320   |
| MEAN RADIUS                 | : | .886   | .730   | .631   |
| MAX RADIUS                  | : | 1.941  | 1.606  | 1.028  |
| HORIZONTAL SPREAD           | : | 3.574  | 2.735  | 1.549  |
| VERTICAL SPREAD             | : | 1.624  | 1.569  | 1.569  |
| EXTREME SPREAD              | : | 3.578  | 2.771  | 1.796  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |        |

26 Apr 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/06225398

# CENTERFIRE PATTERNS # 5



# OF SHOTS= 10

# IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 2.336

VS= 2.990

GS= 3.217

CENTROID #

| PATTERN #                   | : | 5      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.037  | .892   | .957   |
| MINIMUM X                   | : | -1.299 | -.980  | -.915  |
| MAXIMUM Y                   | : | 1.098  | .927   | .669   |
| MINIMUM Y                   | : | -1.892 | -2.063 | -1.256 |
| CENTROID X                  | : | -.238  | -.093  | -.158  |
| CENTROID Y                  | : | .488   | .579   | .837   |
| POA TO CENTROID in.         | : | .472   | .587   | .852   |
| MIN RADIUS                  | : | .178   | .128   | .260   |
| MEAN RADIUS                 | : | 1.112  | .964   | .790   |
| MAX RADIUS                  | : | 2.015  | 2.128  | 1.257  |
| HORIZONTAL SPREAD           | : | 2.336  | 1.872  | 1.872  |
| VERTICAL SPREAD             | : | 2.990  | 2.990  | 1.925  |
| EXTREME SPREAD              | : | 3.217  | 3.217  | 2.023  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |        |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06225398  
13 Jun 1989

# INTERCHANGEABILITY

## CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .230801 |
| 1 TO | 2 | .262574 |
| 1 TO | 3 | .339178 |
| 1 TO | 4 | .732069 |
| 1 TO | 5 | 1.0917  |

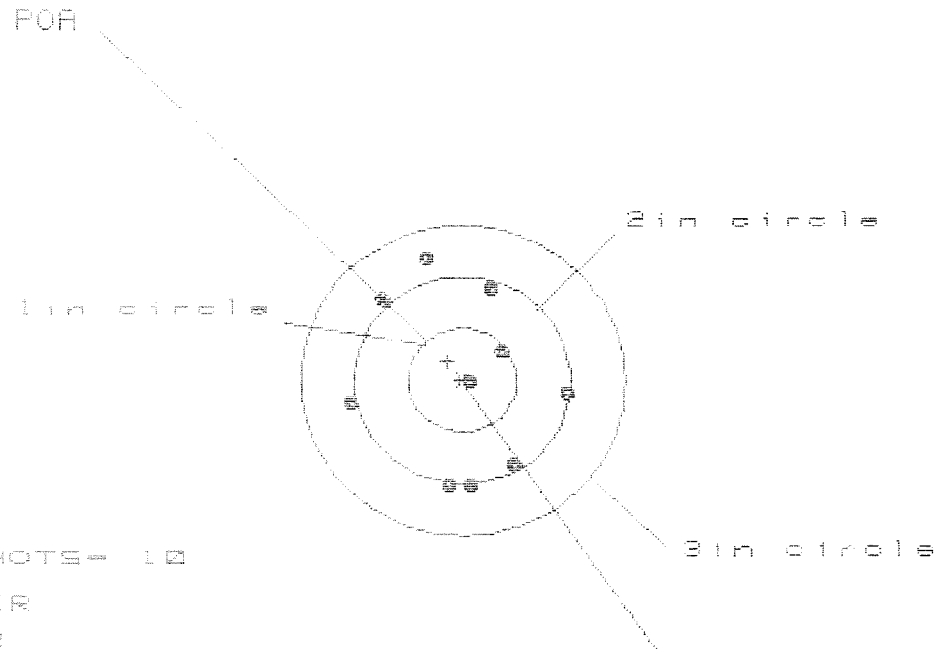
435 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1014  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1084  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .148434  
THE AMR FOR THIS RIFLE IS: .8204

9 Jun 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225398.1

# CENTERFIRE PATTERNS # 1



# OF SHOTS= 10

# IN CIR

1in = 2

2in = 6

3in = 10

HS= 2.000

VS= 2.273

GS= 2.273

CENTROID #

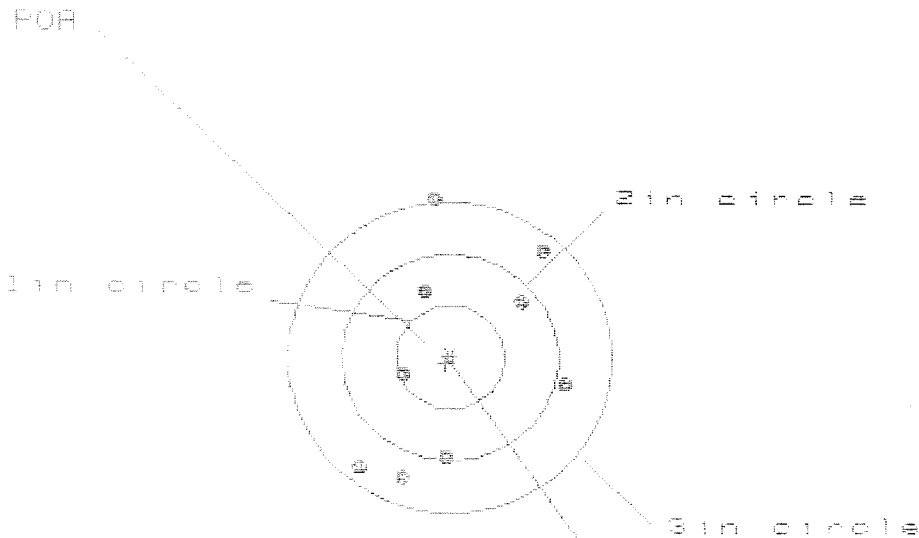
|                             |   |        |        |       |
|-----------------------------|---|--------|--------|-------|
| PATTERN #                   | : | 1      |        |       |
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | .963   | .931   | .796  |
| MINIMUM X                   | : | -1.045 | -1.077 | -.889 |
| MAXIMUM Y                   | : | 1.229  | 1.024  | 1.011 |
| MINIMUM Y                   | : | -1.044 | -.907  | -.920 |
| CENTROID X                  | : | .138   | .170   | .304  |
| CENTROID Y                  | : | -.185  | -.322  | -.309 |
| POA TO CENTROID in.         | : | .231   | .364   | .434  |
| MIN RADIUS                  | : | .067   | .135   | .155  |
| MEAN RADIUS                 | : | .874   | .827   | .778  |
| MAX RADIUS                  | : | 1.263  | 1.157  | 1.240 |
| HORIZONTAL SPREAD           | : | 2.008  | 2.008  | 1.686 |
| VERTICAL SPREAD             | : | 2.273  | 1.931  | 1.931 |
| EXTREME SPREAD              | : | 2.279  | 2.010  | 1.969 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |       |

5 Jun 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C6225398.1

# CENTERFIRE PATTERNS

# 2



# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 1.982

VS= 2.675

GS= 2.730

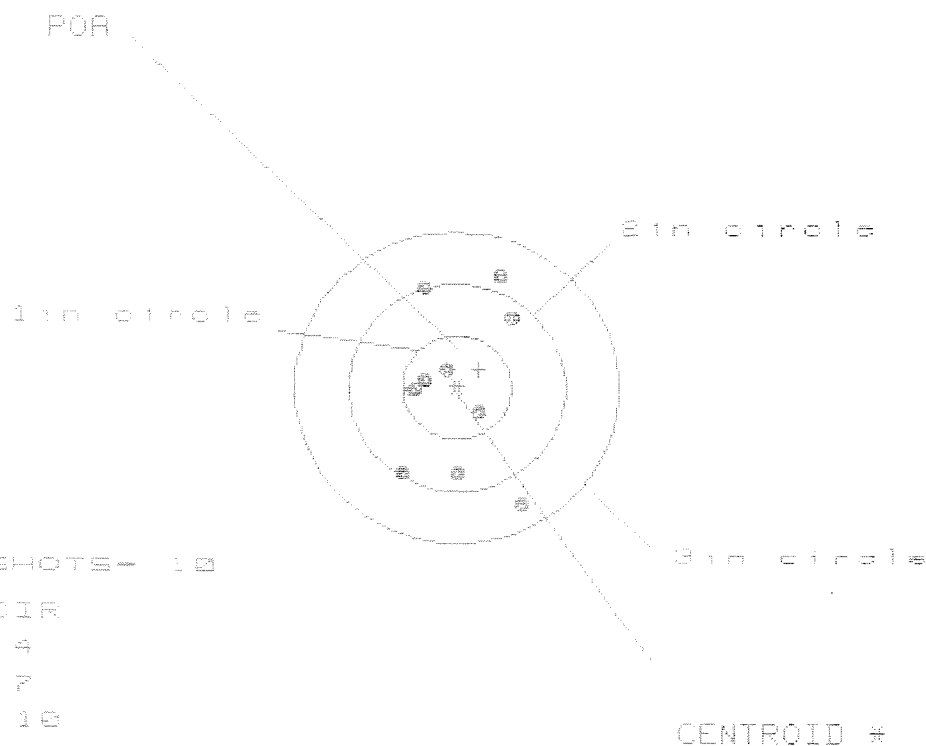
CENTROID #

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.096  | 1.081  | .968   |
| MINIMUM X                     | -.886  | -.901  | -.503  |
| MAXIMUM Y                     | 1.502  | 1.169  | 1.056  |
| MINIMUM Y                     | -1.173 | -1.006 | -1.119 |
| CENTROID X                    | .041   | .056   | .169   |
| CENTROID Y                    | .059   | -.108  | .005   |
| FOR TO CENTROID in.           | .072   | .122   | .169   |
| MIN RADIUS                    | .476   | .466   | .587   |
| MEAN RADIUS                   | 1.007  | .940   | .904   |
| MAX RADIUS                    | 1.508  | 1.461  | 1.304  |
| HORIZONTAL SPREAD             | 1.982  | 1.982  | 1.551  |
| VERTICAL SPREAD               | 2.675  | 2.175  | 2.175  |
| EXTREME SPREAD                | 2.730  | 2.730  | 2.556  |
| NUMBER IN ONE INCH CIRCLE =   |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 9      |        |

9 Jun 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225398.1

# CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1in = 4

2in = 7

3in = 10

HS= 1.151

VS= 2.210

GS= 2.324

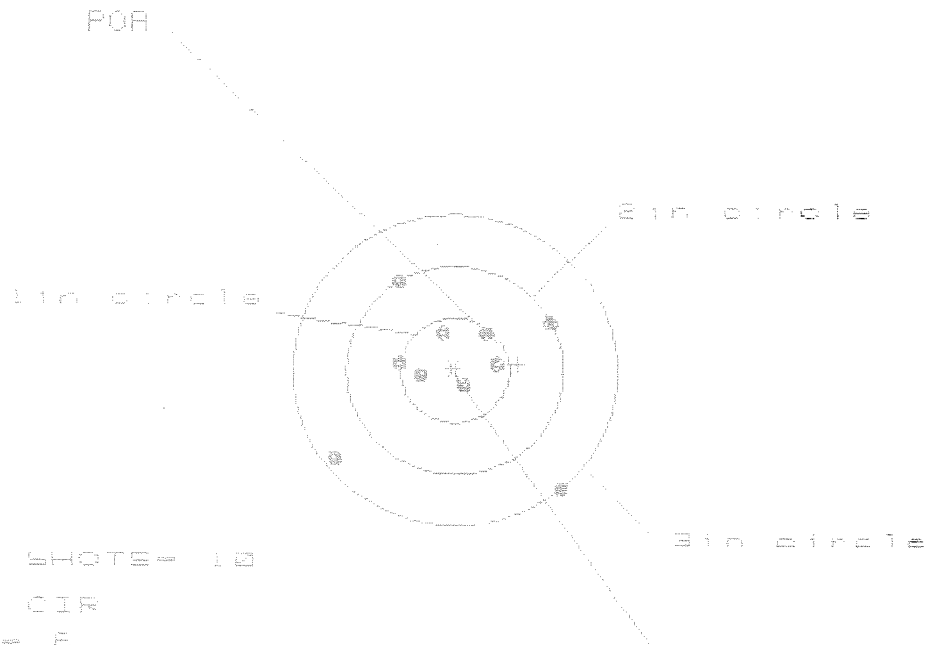
|                               |   |        |       |       |
|-------------------------------|---|--------|-------|-------|
| PATTERN #                     | : | 3      |       |       |
| SHOTS (BEST OF)               | : | 10     | 9     | 8     |
| MAXIMUM X                     | : | .629   | .591  | .652  |
| MINIMUM X                     | : | -.522  | -.452 | -.331 |
| MAXIMUM Y                     | : | 1.044  | .915  | .928  |
| MINIMUM Y                     | : | -1.165 | -.922 | -.808 |
| CENTROID X                    | : | -.201  | -.271 | -.332 |
| CENTROID Y                    | : | -.174  | -.044 | -.158 |
| POR TO CENTROID in.           | : | .266   | .274  | .358  |
| MIN RADIUS                    | : | .244   | .099  | .135  |
| MEAN RADIUS                   | : | .725   | .638  | .572  |
| MAX RADIUS                    | : | 1.324  | 1.038 | .953  |
| HORIZONTAL SPREAD             | : | 1.151  | 1.043 | 1.043 |
| VERTICAL SPREAD               | : | 2.210  | 1.837 | 1.736 |
| EXTREME SPREAD                | : | 2.324  | 2.065 | 1.807 |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 4     |       |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 7     |       |
| NUMBER IN THREE INCH CIRCLE = |   |        | 10    |       |

9 Jun 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/06225398.1

# CENTERFIRE PATTERNS

# 4



# OF SHOTS= 10

# IN CIR

1 in = 6

2 in = 6

3 in = 9

HS= 2.122

VS= 2.022

GS= 2.546

CENTROID #

PATTERN #

4

|                               |        |        |       |
|-------------------------------|--------|--------|-------|
| SHOTS (BEST OF)               | 10     | 9      | 8     |
| MAXIMUM X                     | .990   | 1.010  | .882  |
| MINIMUM X                     | -1.132 | -1.022 | -.575 |
| MAXIMUM Y                     | .845   | .714   | .593  |
| MINIMUM Y                     | -1.177 | -.973  | -.356 |
| CENTROID X                    | -.584  | -.694  | -.566 |
| CENTROID Y                    | -.064  | .067   | .188  |
| POA TO CENTROID in.           | .587   | .697   | .597  |
| MIN RADIUS                    | .122   | .247   | .206  |
| MEAN RADIUS                   | .712   | .605   | .494  |
| MAX RADIUS                    | 1.538  | 1.411  | .966  |
| HORIZONTAL SPREAD             | 2.122  | 2.032  | 1.457 |
| VERTICAL SPREAD               | 2.022  | 1.687  | .949  |
| EXTREME SPREAD                | 2.546  | 2.412  | 1.566 |
| NUMBER IN ONE INCH CIRCLE =   |        | 6      |       |
| NUMBER IN TWO INCH CIRCLE =   |        | 6      |       |
| NUMBER IN THREE INCH CIRCLE = |        | 9      |       |

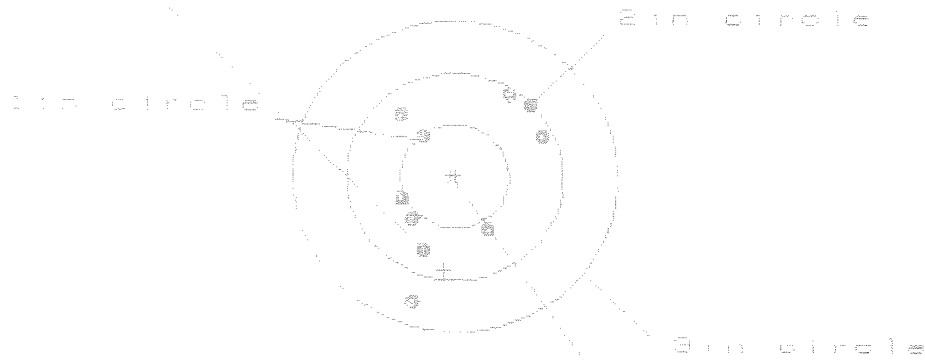


9 Jun 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225388.1

# CENTERFIRE PATTERNS # 5

FOR



# OF SHOTS- 10

# IN CIR

1 in = 10

2 in = 8

3 in = 10

ME = 1.315

VE = 2.000

GE = 2.223

CENTROID #

|                             |   |        |       |       |
|-----------------------------|---|--------|-------|-------|
| PATTERN #                   | : | 5      |       |       |
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | .886   | .760  | .846  |
| MINIMUM X                   | : | -.589  | -.555 | -.489 |
| MAXIMUM Y                   | : | .838   | .667  | .740  |
| MINIMUM Y                   | : | -1.280 | -.808 | -.735 |
| CENTROID X                  | : | .099   | .145  | .059  |
| CENTROID Y                  | : | .986   | 1.039 | .966  |
| FOR TO CENTROID in.         | : | .911   | 1.049 | .968  |
| MIN RADIUS                  | : | .503   | .444  | .448  |
| MEAN RADIUS                 | : | .784   | .728  | .690  |
| MAX RADIUS                  | : | 1.267  | .895  | .930  |
| HORIZONTAL SPREAD           | : | 1.315  | 1.315 | 1.315 |
| VERTICAL SPREAD             | : | 2.000  | 1.475 | 1.475 |
| EXTREME SPREAD              | : | 2.223  | 1.702 | 1.670 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 0     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 8     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10    |       |

## RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 99-16112

INITIAL CUSTOMER ORDER NO.

WOG 2 OF 2

SWS

| DATE RECEIVED | DATE OPENED | DATE CODE | SERIAL NUMBER | NEW SERIAL NUMBER | MODEL AND GRADE     |
|---------------|-------------|-----------|---------------|-------------------|---------------------|
| 08/10/99      | 08/19/99    | AQ 3/96   | C6225398      |                   | 700 7.62NAT SWS M24 |

ACCESSORIES

W/STUDS

SCOPE BASE

ADJ BUTT PLT - PEEP SGT MT

FROM:

SHIP TO:

DEPT. OF THE ARMY  
A CO. 3RD BATT. 1ST SP. FORCES  
BLDG 9177, BOX 339502  
FT LEWIS WA 98433

DEPT. OF THE ARMY  
A CO. 3RD BATT. 1ST SP. FORCES  
BLDG 9177, BOX 339502  
FT LEWIS WA 98433

CUST NO: 138744 C.D.D.

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

BOLT ASSY.

B3

BARREL ASSY.

B4

REC. ASSY.

B5

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Trigger Assy 96024

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

M2400060040

|                                   |  |  |  |  |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|-----------------------------------|--|--|--|--|--|--|--|--|--|------------------|--|--|--|--|--|--|--|--|--|
| SEND TO:                          |  |  |  |  |  |  |  |  |  | REQUEST IS FROM: |  |  |  |  |  |  |  |  |  |
| Aco. 3rd BN 1st Special Forces    |  |  |  |  |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
| 1605012402136                     |  |  |  |  |  |  |  |  |  | Ea00001          |  |  |  |  |  |  |  |  |  |
| W81L8M91799110                    |  |  |  |  |  |  |  |  |  | 5145 5145.00     |  |  |  |  |  |  |  |  |  |
| M24, Rifle 7.62mm Sniper (R95387) |  |  |  |  |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
| Ser # C6225398                    |  |  |  |  |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
| 02                                |  |  |  |  |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
| R95387                            |  |  |  |  |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |

REQUEST FOR ISSUE OR TURN-IN (DA Form 710-2-1)

|                     |  |  |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |  |  |
|---------------------|--|--|--|--|--|--|--|--|--|-------------------|--|--|--|--|--|--|--|--|--|
| SEND TO:            |  |  |  |  |  |  |  |  |  | REQUEST IS FROM:  |  |  |  |  |  |  |  |  |  |
| Cco 3/1 SFA (A)     |  |  |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |  |  |
| 1005012402136       |  |  |  |  |  |  |  |  |  | Ea00001           |  |  |  |  |  |  |  |  |  |
| W81L8M91799110      |  |  |  |  |  |  |  |  |  | 5145.00 \$5145.00 |  |  |  |  |  |  |  |  |  |
| RIFLE 7.62 SNIP m24 |  |  |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |  |  |
| SN: C6348954        |  |  |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |  |  |
| R95387              |  |  |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |  |  |

REQUEST FOR ISSUE OR TURN-IN (DA Form 710-2-1)

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

**M2400060043**

DATE: 19990723

MAINTENANCE REQUEST

DA FORM 5990-E

CUSTOMER DATA

UIC: WH56AA  
UTIL CODE: 0

3/1 SFG(A)

PHONE: (206) 967-8970

ACTIVITY DATA

SUP WON:  
SUP UIC: WEXQAA

542ND MAINT CO

PHONE: 967-7902  
SHOP SEC:

EQUIPMENT DATA

TYPE MNT REQ: 1 ID: A NSN: 1005012402136 MODEL: M24

NOUN: SNIPER RIFLE SER NUM: C6225398 QTY: 00001

ORG WON: H56AA1905186 PRIORITY: 02 FAILURE DETECTED: D

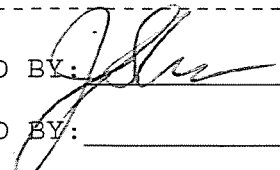
MI/KM: ----- HOURS: ----- ROUNDS:

IN WARRANTY: LEVEL OF WORK: F ADMIN NUM:

DEFICIENCY: TRIGGER ASSMBLY BROKEN

PD AUTHENTICATING SIGNATURE:

SIGNATURE DATA

SUBMITTED BY:  ORD DATE: \_\_\_\_\_ MIL TIME: \_\_\_\_\_

ACCEPTED BY: \_\_\_\_\_ STATUS: \_\_\_\_\_ ORD DATE: \_\_\_\_\_ MIL TIME: \_\_\_\_\_

ACTION DATA

WORK STARTED BY: \_\_\_\_\_ STATUS: \_\_\_\_\_ ORD DATE: \_\_\_\_\_ MIL TIME: \_\_\_\_\_

INSPECTED BY: \_\_\_\_\_ STATUS: \_\_\_\_\_ ORD DATE: \_\_\_\_\_ MIL TIME: \_\_\_\_\_

PICKED UP BY: \_\_\_\_\_ STATUS: \_\_\_\_\_ ORD DATE: \_\_\_\_\_ MIL TIME: \_\_\_\_\_

COMPLETION DATA

QTY RPR: \_\_\_\_\_ QTY CONDEMNED: \_\_\_\_\_ NRTS: \_\_\_\_\_

EVAC WON: \_\_\_\_\_ EVAC UNIT NAME: \_\_\_\_\_

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#  
3.00# ± .75#  
4.00# ± 1.00#

SERIAL NO. C6225398

DATE 9/21/97

TESTER RW

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-------|------------------------------------------------------------------------|
| PULL #1 | 2.14             | 2.15                     |                                | 2.25  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.19             | 2.15                     |                                | 2.14  |                                                                        |
| PULL #3 | 2.16             | 2.14                     |                                | 2.19  |                                                                        |
| PULL #4 | 2.16             | 2.14                     |                                | 2.18  |                                                                        |
| PULL #5 | 2.17             | 2.13                     |                                | 2.21  |                                                                        |
| TOTAL   | 10.82            | 10.71                    |                                | 10.97 |                                                                        |
| AVG.    | 2.16             | 2.14                     |                                | 2.19  |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.27             | 3.28                     |  |          |
| PULL #2 | 2.98             | 3.31                     |  |          |
| PULL #3 | 3.33             | 3.30                     |  |          |
| PULL #4 | 3.09             | 3.31                     |  |          |
| PULL #5 | 3.34             | 3.31                     |  |          |
| TOTAL   | 16.01            | 16.51                    |  |          |
| AVG.    | 3.20             | 3.30                     |  |          |

|         | 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 | 4.35             | 4.32                     |                                | 4.30                                 |
| PULL #2 | 4.15             | 4.34                     |                                | 4.31                                 |
| PULL #3 | 4.10             | 4.19                     |                                | 4.35                                 |
| PULL #4 | 4.12             | 4.33                     |                                | 4.39                                 |
| PULL #5 | 4.50             | 4.04                     |                                | 4.45                                 |
| TOTAL   | 21.22            | 21.22                    |                                | 21.80                                |
| AVG.    | 4.24             | 4.24                     |                                | 4.36                                 |

# Final Inspection

Sr: C6225398

DATE REC'D: 8/10/99

DATE RET'D:

AUDITOR:

RW

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:



# RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER  
R 96-06335

M24 SNIPER

INITIAL  
FPS

CUSTOMER ORDER NO.

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

02/26/96

02/26/96

DJ 7-89

C6225398

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

SHIP TO:

DEPT. OF THE ARMY  
A CO. 3RD BATT. 1ST SP. FORCES  
BLDG 9177, BOX 339502  
FT LEWIS WA 98433

DEPT. OF THE ARMY  
A CO. 3RD BATT. 1ST SP. FORCES  
BLDG 9177, BOX 339502  
FT LEWIS WA 98433

CUST NO: 138744 C.D.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 - 96003

Repowder Coat Trigger  
Guard Assy, Front & Rear  
Sight Base's  
Re-line Scope Base & Survival  
Studs

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

M2400060047

| <b>CLASSIFIED DOCUMENT ACCOUNTABILITY RECORD</b>                                                                               |                              |                                        |                                                                                                        |                                                                                 |                     | DATE                    |
|--------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------|-------------------------|
| For use of this form, see AR 380-5; the proponent agency is the Office, Assistant Chief of Staff for Intelligence.             |                              |                                        |                                                                                                        |                                                                                 |                     | 22 FEB 96               |
| SECTION A - GENERAL                                                                                                            |                              |                                        |                                                                                                        |                                                                                 |                     |                         |
| TO: REMINGTON ARMS CO., INC.<br>ATTN: FABRICATED PRODUCTS DEPT.<br>14 HOEFLER AVE.<br>LION, NY 13357-1816                      |                              |                                        |                                                                                                        | FROM: A COMPANY, 3RD BATT., 1ST<br>SPECIAL FORCES GROUP<br>FORT LEWIS, WA 98433 |                     |                         |
| DATE RECEIVED                                                                                                                  |                              | ACTION OFFICE(S)                       |                                                                                                        | SUSPENSE DATE(S)                                                                |                     | REGISTER OR CONTROL NO. |
| CONTROL LOG<br>OR FILE NO.                                                                                                     | CLASSIFI-<br>CATION          | NUMBER OF<br>COPIES                    | DESCRIPTION (Type, File Ref., Unclassified Subject<br>or Short Title and Number of Indorsements/Incls) |                                                                                 | DATE OF<br>DOCUMENT | ORIGINATOR              |
| 1                                                                                                                              |                              | 2                                      | M24 7.62 SNIPER RIFLE W/SCOPE<br>MOUNTS - 2 EACH<br><br>SERIAL # C6225398<br>C6348832                  |                                                                                 | 22 FEB 96           | M. Deiss                |
| SECTION B - ROUTING                                                                                                            |                              |                                        |                                                                                                        |                                                                                 |                     |                         |
| TO                                                                                                                             |                              | COPY NO.                               | DATE                                                                                                   | I ACKNOWLEDGE RECEIPT OF THE MATERIAL DESCRIBED HEREON                          |                     |                         |
|                                                                                                                                |                              |                                        |                                                                                                        | PRINTED NAME                                                                    | SIGNATURE           |                         |
| 1.                                                                                                                             |                              |                                        |                                                                                                        |                                                                                 |                     |                         |
| 2.                                                                                                                             |                              |                                        |                                                                                                        |                                                                                 |                     |                         |
| 3.                                                                                                                             |                              |                                        |                                                                                                        |                                                                                 |                     |                         |
| 4.                                                                                                                             |                              |                                        |                                                                                                        |                                                                                 |                     |                         |
| 5.                                                                                                                             |                              |                                        |                                                                                                        |                                                                                 |                     |                         |
| SECTION C - DESTRUCTION CERTIFICATE (Check appropriate block)                                                                  |                              |                                        |                                                                                                        |                                                                                 |                     |                         |
| MATERIAL DESCRIBED HEREON HAS BEEN:                                                                                            |                              |                                        |                                                                                                        |                                                                                 |                     | PAGE OR COPY NO.        |
| <input type="checkbox"/> DESTROYED <input type="checkbox"/> TORN IN HALF AND PLACED IN A CLASSIFIED WASTE CONTAINER (AR 380-5) |                              |                                        |                                                                                                        |                                                                                 |                     |                         |
| OFFICE SYMBOL                                                                                                                  | DATE                         | PRINTED NAME OF CUSTODIAN OR REP       |                                                                                                        |                                                                                 | SIGNATURE           |                         |
| DESTRUCTION RECORD NO.                                                                                                         | DATE                         | PRINTED NAME OF CERTIFYING/DESTR. OFF. |                                                                                                        |                                                                                 | SIGNATURE           |                         |
| PAGE OR COPY NUMBER                                                                                                            | DATE                         | PRINTED NAME OF WITNESSING OFFICIAL    |                                                                                                        |                                                                                 | SIGNATURE           |                         |
| SECTION D - REPRODUCTION AUTHORITY                                                                                             |                              |                                        |                                                                                                        |                                                                                 |                     |                         |
| NUMBER OF COPIES TO BE REPRODUCED                                                                                              |                              | AUTHORIZED BY                          |                                                                                                        |                                                                                 | DATE                |                         |
| SECTION E - RECEIPT/TRACER ACTION (Check appropriate block)                                                                    |                              |                                        |                                                                                                        |                                                                                 |                     |                         |
| <input type="checkbox"/> RECEIPT OF DOCUMENT(S) ACKNOWLEDGED <input type="checkbox"/> DOCUMENT(S) HAVE NOT BEEN RECEIVED       |                              |                                        |                                                                                                        |                                                                                 |                     |                         |
| <input type="checkbox"/> TRACER ACTION: SIGNED RECEIPT FOR MATERIAL DESCRIBED ABOVE HAS NOT BEEN RECEIVED.                     |                              |                                        |                                                                                                        |                                                                                 |                     |                         |
| DATE                                                                                                                           | PRINTED NAME, GRADE OR TITLE |                                        |                                                                                                        |                                                                                 | SIGNATURE           |                         |
| COMMENTS                                                                                                                       |                              |                                        |                                                                                                        |                                                                                 |                     |                         |

# Remington ARMS :

| EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                               |  |          |                                                                                                                                                                                                                                                                                                                                                          |                                        |  |                        |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------------|--|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--|------------------------|--|
| For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |                               |  |          |                                                                                                                                                                                                                                                                                                                                                          |                                        |  |                        |  |
| 1. ORGANIZATION<br>Aco/3rd bat 1st special Forces grp m24 SWS                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |                               |  |          | 2. NOMENCLATURE AND MODEL                                                                                                                                                                                                                                                                                                                                |                                        |  |                        |  |
| 3. REGISTRATION/SERIAL/NSN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        | 4a. MILES                     |  | b. HOURS |                                                                                                                                                                                                                                                                                                                                                          | c. ROUNDS FIRED                        |  | d. HOT STARTS          |  |
| 5. DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |                               |  |          | 6. TYPE INSPECTION                                                                                                                                                                                                                                                                                                                                       |                                        |  |                        |  |
| 7. APPLICABLE REFERENCE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |                               |  |          |                                                                                                                                                                                                                                                                                                                                                          |                                        |  |                        |  |
| TM NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |                               |  | TM DATE  |                                                                                                                                                                                                                                                                                                                                                          | TM NUMBER                              |  |                        |  |
| TM DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |                               |  |          |                                                                                                                                                                                                                                                                                                                                                          |                                        |  |                        |  |
| COLUMN a - Enter TM item number.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |                               |  |          | COLUMN d - Show corrective action for deficiency or shortcoming listed in Column c.                                                                                                                                                                                                                                                                      |                                        |  |                        |  |
| COLUMN b - Enter the applicable condition status symbol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        |                               |  |          | COLUMN e - Individual ascertaining completed corrective action initial in this column.                                                                                                                                                                                                                                                                   |                                        |  |                        |  |
| COLUMN c - Enter deficiencies and shortcomings.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |                               |  |          |                                                                                                                                                                                                                                                                                                                                                          |                                        |  |                        |  |
| STATUS SYMBOLS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                               |  |          |                                                                                                                                                                                                                                                                                                                                                          |                                        |  |                        |  |
| <p>"X"-Indicates a deficiency in the equipment that places it in an inoperable status.</p> <p>CIRCLED "X"-Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished.</p> <p>HORIZONTAL DASH "-"-Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.</p> |        |                               |  |          | <p>DIAGONAL "(/)"-Indicates a materiel defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable.</p> <p>LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL-Indicates that a completely satisfactory condition exists.</p> <p>FOR AIRCRAFT-Status symbols will be recorded in red.</p> |                                        |  |                        |  |
| ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.                                                                                                                                                                                                                                                                                                                                                                    |        |                               |  |          |                                                                                                                                                                                                                                                                                                                                                          |                                        |  |                        |  |
| 8a. SIGNATURE (Person(s) performing inspection)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |                               |  | 8b. TIME |                                                                                                                                                                                                                                                                                                                                                          | 9a. SIGNATURE (Maintenance Supervisor) |  | 9b. TIME               |  |
| SSG HAZEN, DONALD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |                               |  |          |                                                                                                                                                                                                                                                                                                                                                          |                                        |  | 10. MANHOURS REQUIRED  |  |
| Donald C Hazen III                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |                               |  |          |                                                                                                                                                                                                                                                                                                                                                          |                                        |  |                        |  |
| TM ITEM NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | STATUS | DEFICIENCIES AND SHORTCOMINGS |  |          | CORRECTIVE ACTION                                                                                                                                                                                                                                                                                                                                        |                                        |  | INITIAL WHEN CORRECTED |  |
| a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | b      | c                             |  |          | d                                                                                                                                                                                                                                                                                                                                                        |                                        |  | e                      |  |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        | C 6225412                     |  |          | Excess of                                                                                                                                                                                                                                                                                                                                                |                                        |  |                        |  |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        | C 6349192                     |  |          | 10,000 RD/Gun                                                                                                                                                                                                                                                                                                                                            |                                        |  |                        |  |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        | C 6225398                     |  |          | Each needs rebarreling                                                                                                                                                                                                                                                                                                                                   |                                        |  |                        |  |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        | C 6348832                     |  |          | T1 Triggers/stocks                                                                                                                                                                                                                                                                                                                                       |                                        |  |                        |  |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        | C 6225201                     |  |          |                                                                                                                                                                                                                                                                                                                                                          |                                        |  |                        |  |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        | C 6225108                     |  |          | Weapon were shot                                                                                                                                                                                                                                                                                                                                         |                                        |  |                        |  |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        | C 6348740                     |  |          | in sniper course                                                                                                                                                                                                                                                                                                                                         |                                        |  |                        |  |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        | C 6225598                     |  |          | They Notified us of                                                                                                                                                                                                                                                                                                                                      |                                        |  |                        |  |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        | C 6348817                     |  |          | the need for rebarreling                                                                                                                                                                                                                                                                                                                                 |                                        |  |                        |  |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        | C 6225376                     |  |          | do to Excess rounds                                                                                                                                                                                                                                                                                                                                      |                                        |  |                        |  |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        | C 6348872                     |  |          | And poor Shot Performance                                                                                                                                                                                                                                                                                                                                |                                        |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        | Each weapon                   |  |          | has scope mount                                                                                                                                                                                                                                                                                                                                          |                                        |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        | POC. SSG HAZEN,               |  |          |                                                                                                                                                                                                                                                                                                                                                          |                                        |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        | 3 Bat 1st S.F. Group          |  |          |                                                                                                                                                                                                                                                                                                                                                          |                                        |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        | 206-967-8813                  |  |          |                                                                                                                                                                                                                                                                                                                                                          |                                        |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |                               |  |          |                                                                                                                                                                                                                                                                                                                                                          |                                        |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |                               |  |          |                                                                                                                                                                                                                                                                                                                                                          |                                        |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |                               |  |          |                                                                                                                                                                                                                                                                                                                                                          |                                        |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |                               |  |          |                                                                                                                                                                                                                                                                                                                                                          |                                        |  |                        |  |

DA FORM 2404  
1 APR 79

Replaces edition of 1 Jan 64, which will be used

CONTRACT # DAAA21-87-C-0086

New  
Barrel

GUN SERIAL # C6225398

| OP. #        | OP. NAME                                                       | READINGS | DATE    | INITIAL |
|--------------|----------------------------------------------------------------|----------|---------|---------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   |          | 3/20/96 | RW      |
| 600          | Proof                                                          |          | 3/20/96 | RW      |
| 607          | Check Headspace                                                |          | 3/20/96 | RW      |
| 610          | Dis-assemble Gun                                               |          | 3/20/96 | RW      |
| 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          |          | 4/2/96  | RW      |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 4/2/96  | RW      |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 4/2/96  | RW      |
|              | D) Oil Firing Pin Ass'y                                        |          | 4/2/96  | RW      |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          |         |         |

| op. #        | OP. NAME                                                    | READINGS | DATE   | INIT |
|--------------|-------------------------------------------------------------|----------|--------|------|
| 625<br>cont. | F) Safety On Force                                          |          |        |      |
|              | G) Safety Off Force                                         |          |        |      |
|              | 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                                       |          | 4/2/96 | AC   |
|              | A) Time                                                     |          |        |      |
|              | B) Malfunctions                                             |          |        |      |
|              | C) Pierced Primers                                          |          |        |      |
|              | D) Optical Clarity of Scope                                 |          |        |      |
| 645          | Inspect for Live Ammo                                       |          | 4/2/96 | AC   |
| 655          | Final Inspection                                            |          |        |      |
|              | A) Headspace                                                |          | 4/4/96 | RW   |
|              | B) Trigger Pull                                             |          |        |      |
|              | C) Function                                                 |          | 4/4/96 | RW   |
| 660          | Pack                                                        |          |        |      |

## Final Inspection

Sn: C6225398

DATE REC'D: 2/26/96

DATE RET'D:

AUDITOR: RW

Item:

Barrel Assy.

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

Item:

Stock Assy.

☒ STOCK☒ SLING SWIVEL STUDS☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Scope Assy.

☐ SCOPE☐ SCOPE RINGS☐ MOUNTING SCREWS☒ MOUNTING BASE☐ SCREWS☐ FINISH☐ LOOSENESS☐ CLARITY

Systems Case

☐ SCOPE CASE☐ IRON SIGHTS☐ DEPLOYMENT KIT

Trigger

☒ SAFETY OPERATION☒ SET

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Comments:

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06225398  
5 Feb 1900

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .80401E |
| 1 TO | 2 | .5876   |
| 1 TO | 3 | .482644 |
| 1 TO | 4 | .442538 |
| 1 TO | 5 | .635034 |

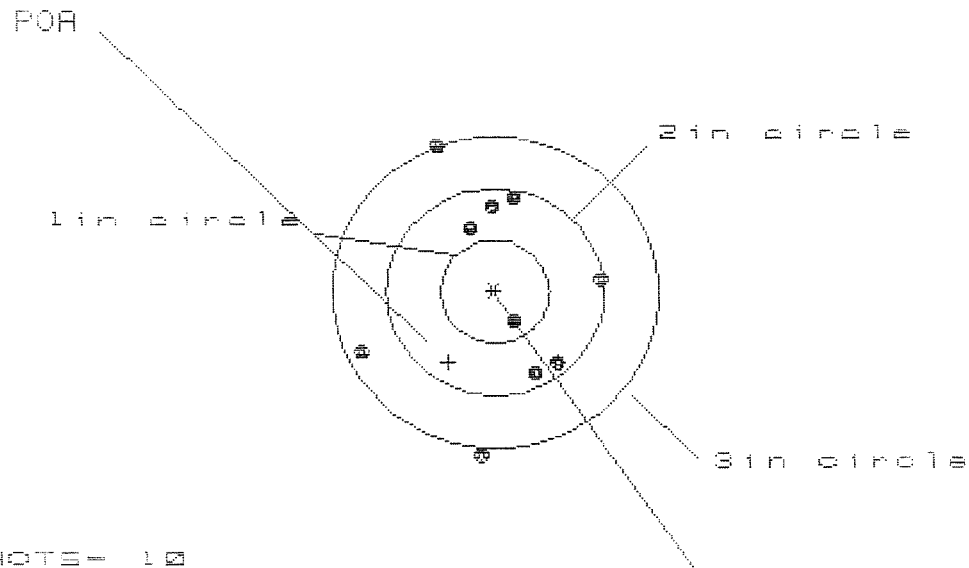
1  
+3 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3174  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .269  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .415857  
THE AMR FOR THIS RIFLE IS: 1.099

5 Feb 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225398

# CENTERFIRE PATTERNS # 1



# OF SHOTS= 10

# IN CIR

1 in = 1

2 in = 7

3 in = 2

HS= 2.151

VS= 3.034

GS= 3.059

CENTROID \*

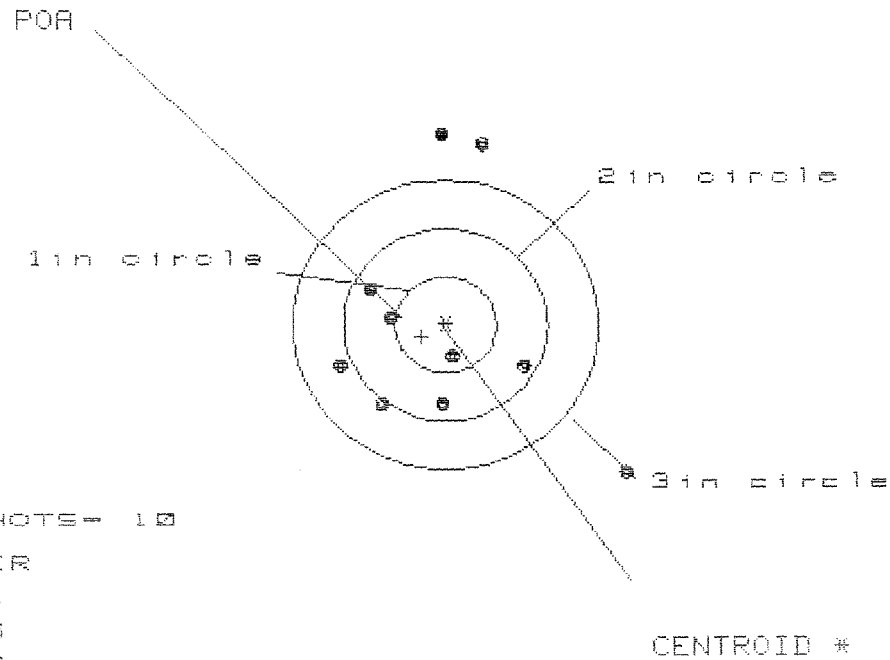
| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | .940   | .928   | .863   |
| MINIMUM X                     | -1.211 | -1.223 | -1.288 |
| MAXIMUM Y                     | 1.436  | 1.258  | .875   |
| MINIMUM Y                     | -1.598 | -.915  | -.757  |
| CENTROID X                    | .429   | .441   | .506   |
| CENTROID Y                    | .680   | .858   | .700   |
| POA TO CENTROID in.           | .804   | .965   | .864   |
| MIN RADIUS                    | .328   | .491   | .323   |
| MEAN RADIUS                   | .977   | .893   | .822   |
| MAX RADIUS                    | 1.602  | 1.452  | 1.431  |
| HORIZONTAL SPREAD             | 2.151  | 2.151  | 2.151  |
| VERTICAL SPREAD               | 3.034  | 2.173  | 1.632  |
| EXTREME SPREAD                | 3.059  | 2.337  | 2.285  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 7      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 2      |        |        |



5 Feb 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225358

# CENTERFIRE PATTERNS # 2



# OF SHOTS= 10

# IN CIR

1in = 1

2in = 5

3in = 7

HS= 2.755

VS= 3.486

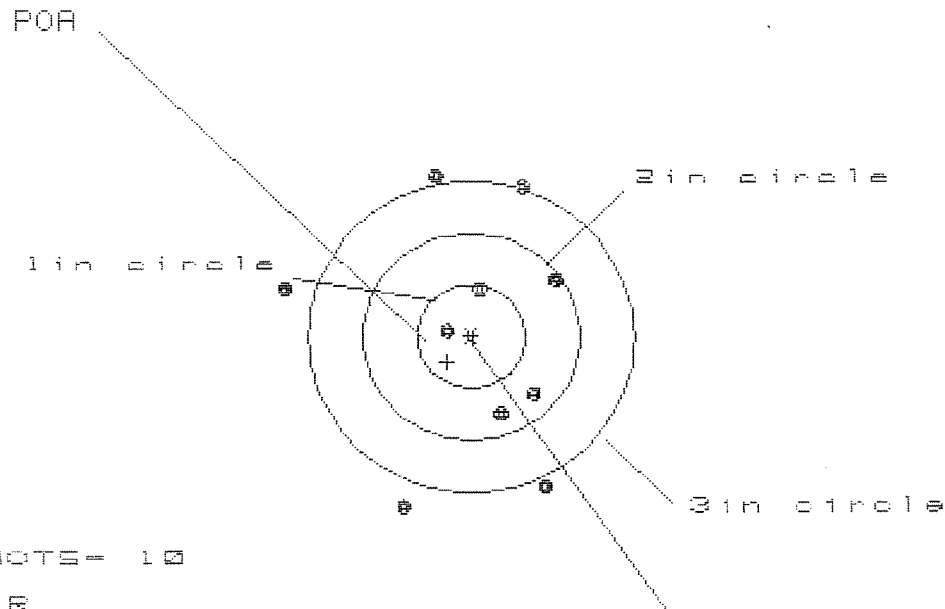
GS= 3.904

| PATTERN #                   | : | 2      |        |       |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.726  | .957   | .977  |
| MINIMUM X                   | : | -1.029 | -.837  | -.817 |
| MAXIMUM Y                   | : | 1.998  | 1.833  | 1.978 |
| MINIMUM Y                   | : | -1.488 | -1.016 | -.787 |
| CENTROID X                  | : | .236   | .044   | .024  |
| CENTROID Y                  | : | .125   | .290   | .061  |
| POA TO CENTROID in.         | : | .267   | .293   | .066  |
| MIN RADIUS                  | : | .319   | .346   | .326  |
| MEAN RADIUS                 | : | 1.167  | 1.035  | .870  |
| MAX RADIUS                  | : | 2.279  | 1.840  | 2.047 |
| HORIZONTAL SPREAD           | : | 2.755  | 1.794  | 1.794 |
| VERTICAL SPREAD             | : | 3.486  | 2.849  | 2.765 |
| EXTREME SPREAD              | : | 3.904  | 2.905  | 2.905 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 7      |       |

5 Feb 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/08225398

# CENTERFIRE PATTERNS # 3



# OF SHOTS= 10

# IN CIR

1 in = 2

2 in = 5

3 in = 5

HS= 2.483

VS= 3.204

GS= 3.313

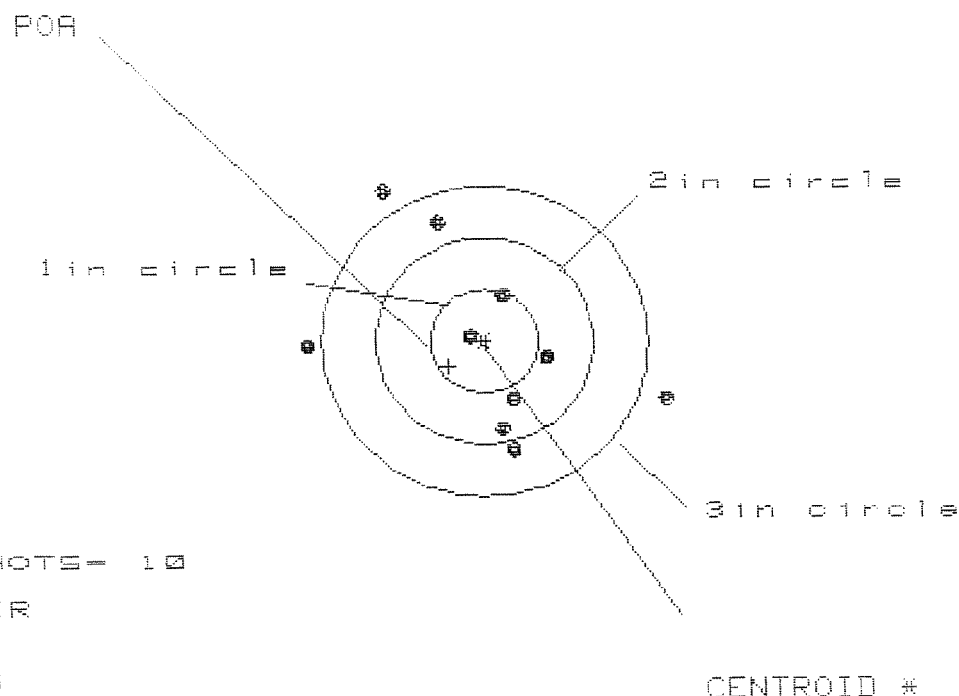
CENTROID #

| PATTERN #                     | 3      |
|-------------------------------|--------|
| SHOTS (BEST OF)               | 10     |
| MAXIMUM X                     | .778   |
| MINIMUM X                     | -1.705 |
| MAXIMUM Y                     | 1.551  |
| MINIMUM Y                     | -1.653 |
| CENTROID X                    | .222   |
| CENTROID Y                    | .244   |
| POA TO CENTROID in.           | .330   |
| MIN RADIUS                    | .194   |
| MEAN RADIUS                   | 1.150  |
| MAX RADIUS                    | 1.755  |
| HORIZONTAL SPREAD             | 2.483  |
| VERTICAL SPREAD               | 3.204  |
| EXTREME SPREAD                | 3.313  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |
| NUMBER IN TWO INCH CIRCLE =   | 5      |
| NUMBER IN THREE INCH CIRCLE = | 5      |

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# CENTERFIRE PATTERNS # 4



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 5

3in = 7

H= 3.326

V= 2.582

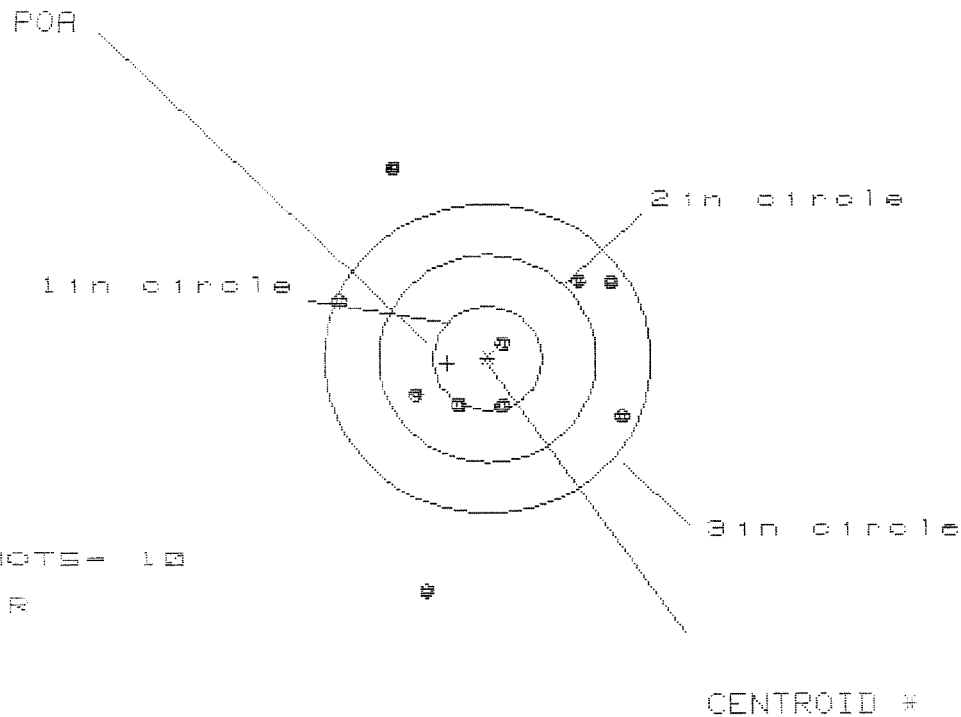
G= 3.363

|                               |   |        |        |        |
|-------------------------------|---|--------|--------|--------|
| PATTERN #                     | : | 4      |        |        |
| SHOTS (BEST OF)               | : | 10     | 9      | 8      |
| MAXIMUM X                     | : | 1.693  | .759   | .664   |
| MINIMUM X                     | : | -1.633 | -1.444 | -1.539 |
| MAXIMUM Y                     | : | 1.499  | 1.441  | 1.308  |
| MINIMUM Y                     | : | -1.083 | -1.141 | -1.961 |
| CENTROID X                    | : | .333   | .144   | .239   |
| CENTROID Y                    | : | .248   | .306   | .126   |
| POA TO CENTROID in.           | : | .415   | .338   | .270   |
| MIN RADIUS                    | : | .125   | .072   | .164   |
| MEAN RADIUS                   | : | 1.029  | .959   | .845   |
| MAX RADIUS                    | : | 1.772  | 1.627  | 1.542  |
| HORIZONTAL SPREAD             | : | 3.326  | 2.203  | 2.203  |
| VERTICAL SPREAD               | : | 2.582  | 2.582  | 2.269  |
| EXTREME SPREAD                | : | 3.363  | 2.837  | 2.362  |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE = |   |        | 7      |        |

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# CENTERFIRE PATTERNS # 5



# OF SHOTS= 10

# IN CIR

1in = 2

2in = 4

3in = 8

HS= 2.607

VS= 4.194

GS= 4.205

| PATTERN #                     | 5      | 6      | 7      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.257  | 1.199  | 1.089  |
| MINIMUM X                     | -1.350 | -1.408 | -1.518 |
| MAXIMUM Y                     | 1.900  | 1.646  | .716   |
| MINIMUM Y                     | -2.294 | -.837  | -.632  |
| CENTROID X                    | .367   | .425   | .536   |
| CENTROID Y                    | .048   | .302   | .097   |
| POA TO CENTROID in.           | .370   | .522   | .544   |
| MIN RADIUS                    | .221   | .129   | .116   |
| MEAN RADIUS                   | 1.173  | 1.049  | .902   |
| MAX RADIUS                    | 2.352  | 1.868  | 1.604  |
| HORIZONTAL SPREAD             | 2.607  | 2.607  | 2.607  |
| VERTICAL SPREAD               | 4.194  | 2.483  | 1.348  |
| EXTREME SPREAD                | 4.205  | 3.242  | 2.849  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 4      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 8      |        |        |