

C6225469

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.



|          |            |          |      |     |     |      |
|----------|------------|----------|------|-----|-----|------|
| nagletj  | 10/21/2003 | 12:42 PM | CAPS | NUM | INS | SCPL |
| 12:42 PM |            |          |      |     |     |      |

RE00071774

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: **C** 6225469. \_\_0

FILE DATE AND TIME: 11/14/2003 13:10

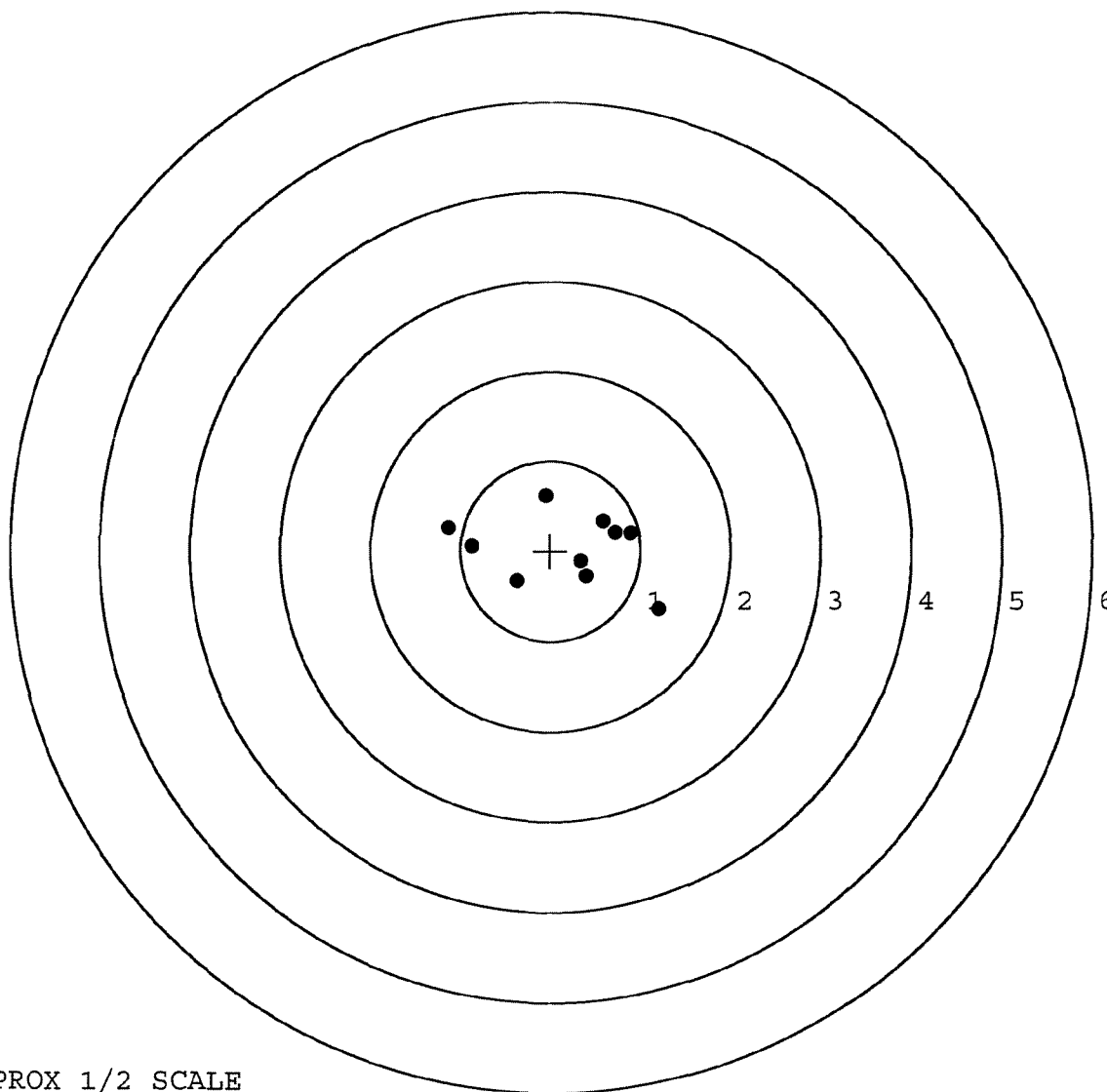
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.000 |
| The Average Y Centroid of the Five Target Set:              | 0.017 |
| The Average Point of Impact of the Five Target Set:         | 0.017 |
| The Average Mean Radius of the Five Target Set:             | 0.592 |
| The Distance from POA to Centroid Target #1:                | 0.173 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.275 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.118 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.272 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.216 |

SERIAL NUMBER: 6225469. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 11/14/2003  
FILE TIME: 13:10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.059 | 0.607  |
| 2:     | -1.134 | 0.253  |
| 3:     | -0.867 | 0.050  |
| 4:     | 0.585  | 0.327  |
| 5:     | 0.714  | 0.202  |
| 6:     | 0.890  | 0.197  |
| 7:     | 0.342  | -0.114 |
| 8:     | 0.405  | -0.281 |
| 9:     | 1.203  | -0.653 |
| 10:    | -0.367 | -0.342 |

X CENTROID: 0.171  
Y CENTROID: 0.025  
POA TO CENTROID: 0.173  
HORZ SPREAD: 2.337  
VERT SPREAD: 1.260  
GROUP SPREAD: 2.506  
MIN RADIUS: 0.220  
MAX RADIUS: 1.325  
MEAN RADIUS: 0.730  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 10

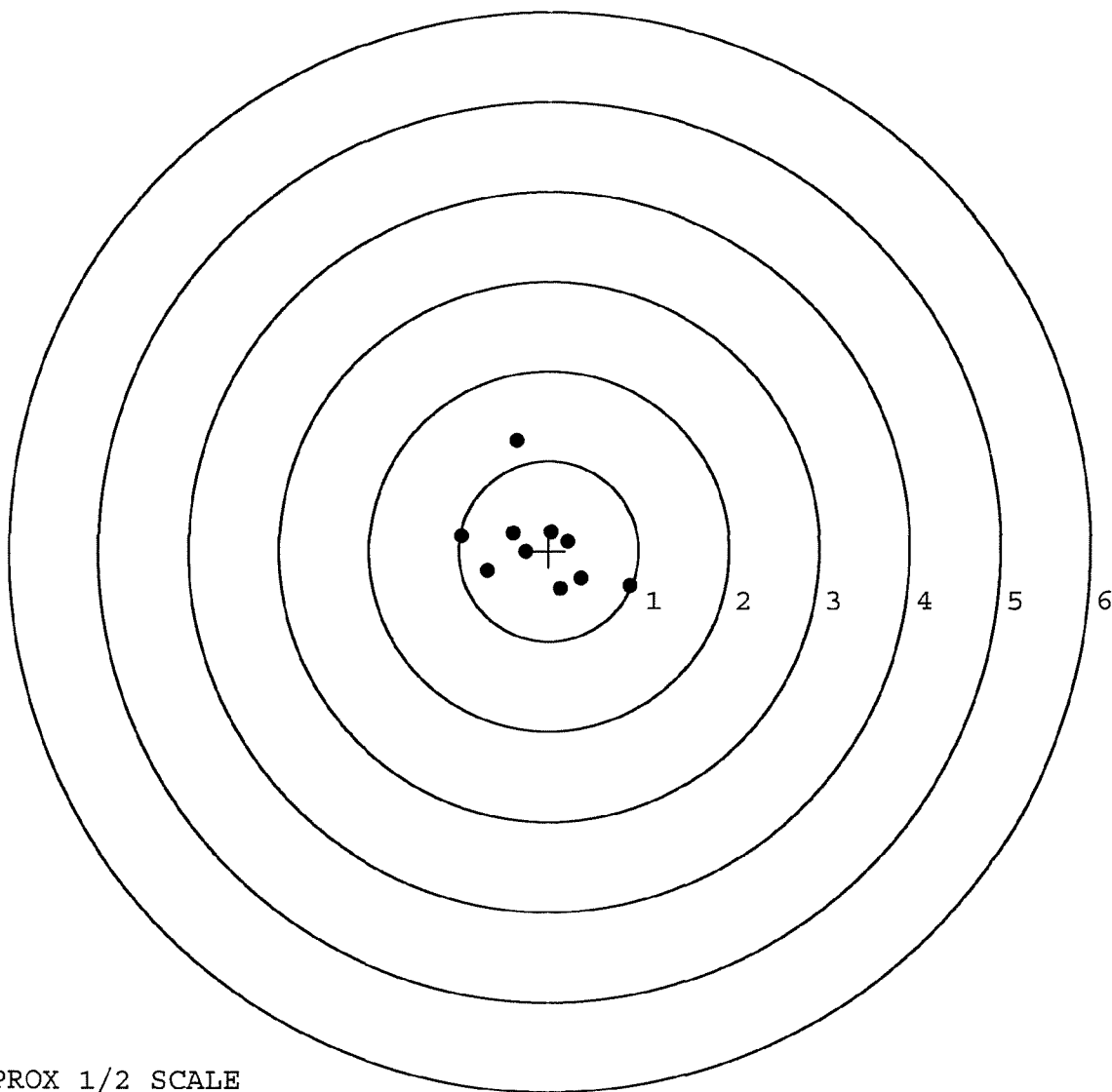


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: 6225469. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 11/14/2003  
FILE TIME: 13:10

X CENTROID: -0.103  
Y CENTROID: 0.054  
POA TO CENTROID: 0.116  
HORZ SPREAD: 1.872  
VERT SPREAD: 1.643  
GROUP SPREAD: 2.050  
MIN RADIUS: 0.168  
MAX RADIUS: 1.195  
MEAN RADIUS: 0.596  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.364 | 1.220  |
| 2:     | -0.968 | 0.164  |
| 3:     | -0.681 | -0.223 |
| 4:     | 0.904  | -0.391 |
| 5:     | 0.133  | -0.423 |
| 6:     | 0.363  | -0.310 |
| 7:     | -0.403 | 0.198  |
| 8:     | -0.256 | -0.015 |
| 9:     | 0.032  | 0.211  |
| 10:    | 0.214  | 0.106  |

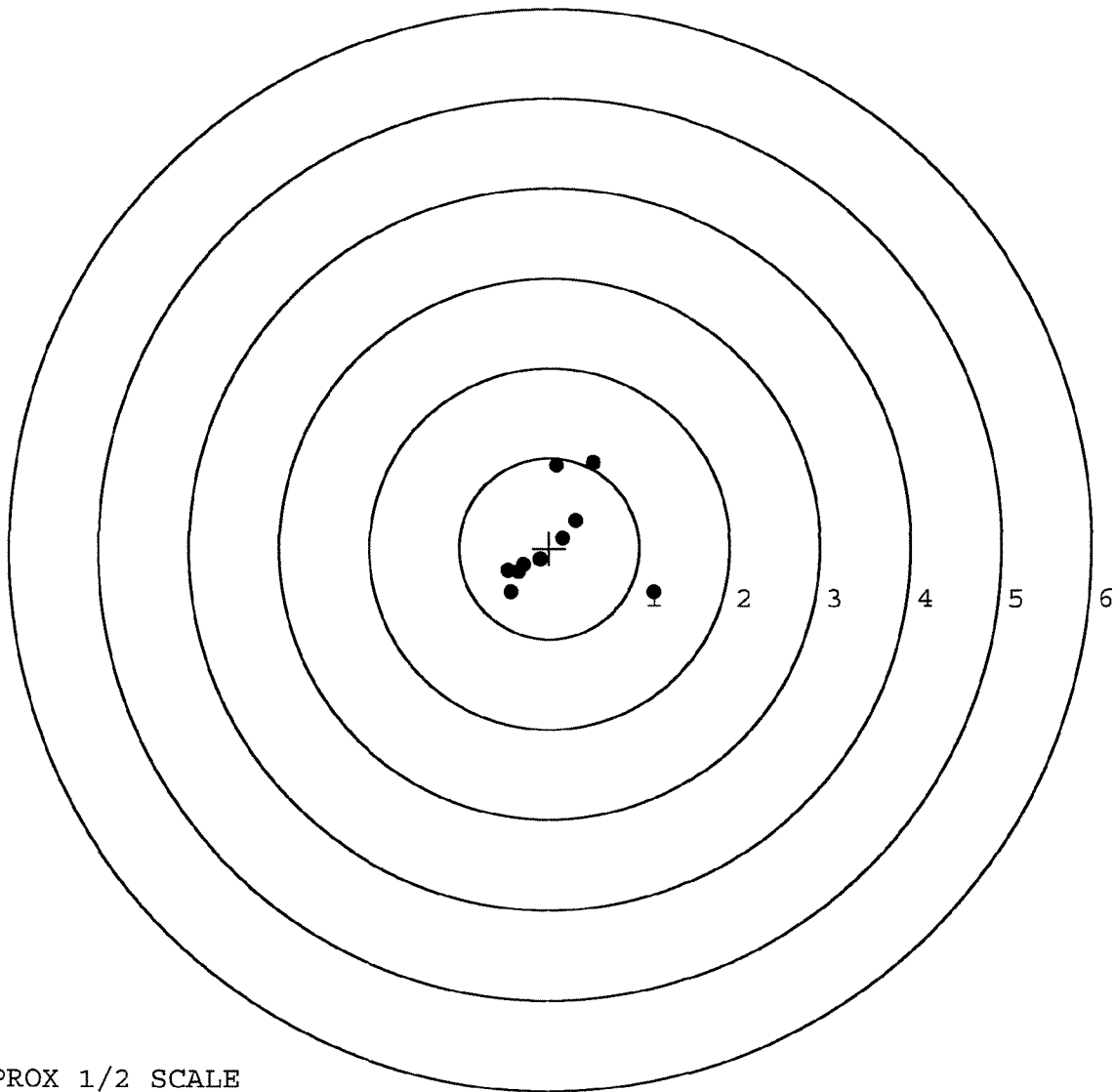


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: 6225469. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 11/14/2003  
FILE TIME: 13:10

X CENTROID: 0.055  
Y CENTROID: 0.046  
POA TO CENTROID: 0.072  
HORZ SPREAD: 1.630  
VERT SPREAD: 1.431  
GROUP SPREAD: 1.769  
MIN RADIUS: 0.118  
MAX RADIUS: 1.231  
MEAN RADIUS: 0.603  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.086  | 0.915  |
| 2:     | 0.488  | 0.941  |
| 3:     | 0.287  | 0.303  |
| 4:     | 0.152  | 0.113  |
| 5:     | 1.165  | -0.487 |
| 6:     | -0.101 | -0.129 |
| 7:     | -0.290 | -0.192 |
| 8:     | -0.465 | -0.250 |
| 9:     | -0.428 | -0.490 |
| 10:    | -0.341 | -0.262 |

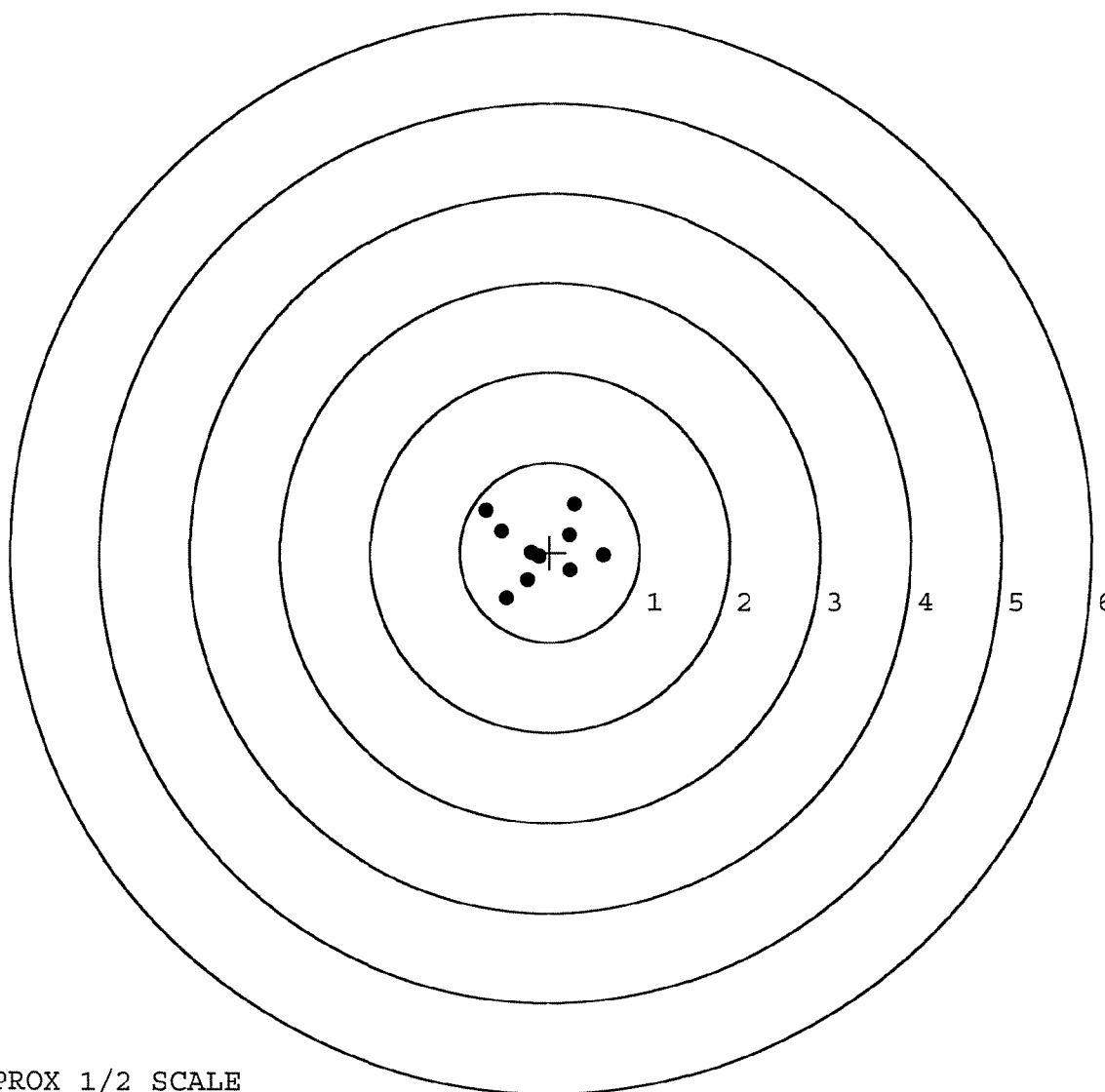


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: 6225469. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 11/14/2003  
FILE TIME: 13:10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.267  | 0.540  |
| 2:     | 0.216  | 0.199  |
| 3:     | 0.597  | -0.034 |
| 4:     | 0.233  | -0.200 |
| 5:     | -0.481 | -0.516 |
| 6:     | -0.249 | -0.310 |
| 7:     | -0.715 | 0.467  |
| 8:     | -0.541 | 0.235  |
| 9:     | -0.208 | -0.002 |
| 10:    | -0.122 | -0.052 |

X CENTROID: -0.100  
Y CENTROID: 0.033  
POA TO CENTROID: 0.105  
HORZ SPREAD: 1.312  
VERT SPREAD: 1.056  
GROUP SPREAD: 1.404  
MIN RADIUS: 0.087  
MAX RADIUS: 0.753  
MEAN RADIUS: 0.457  
# IN 1 IN DIAMETER: 6  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10

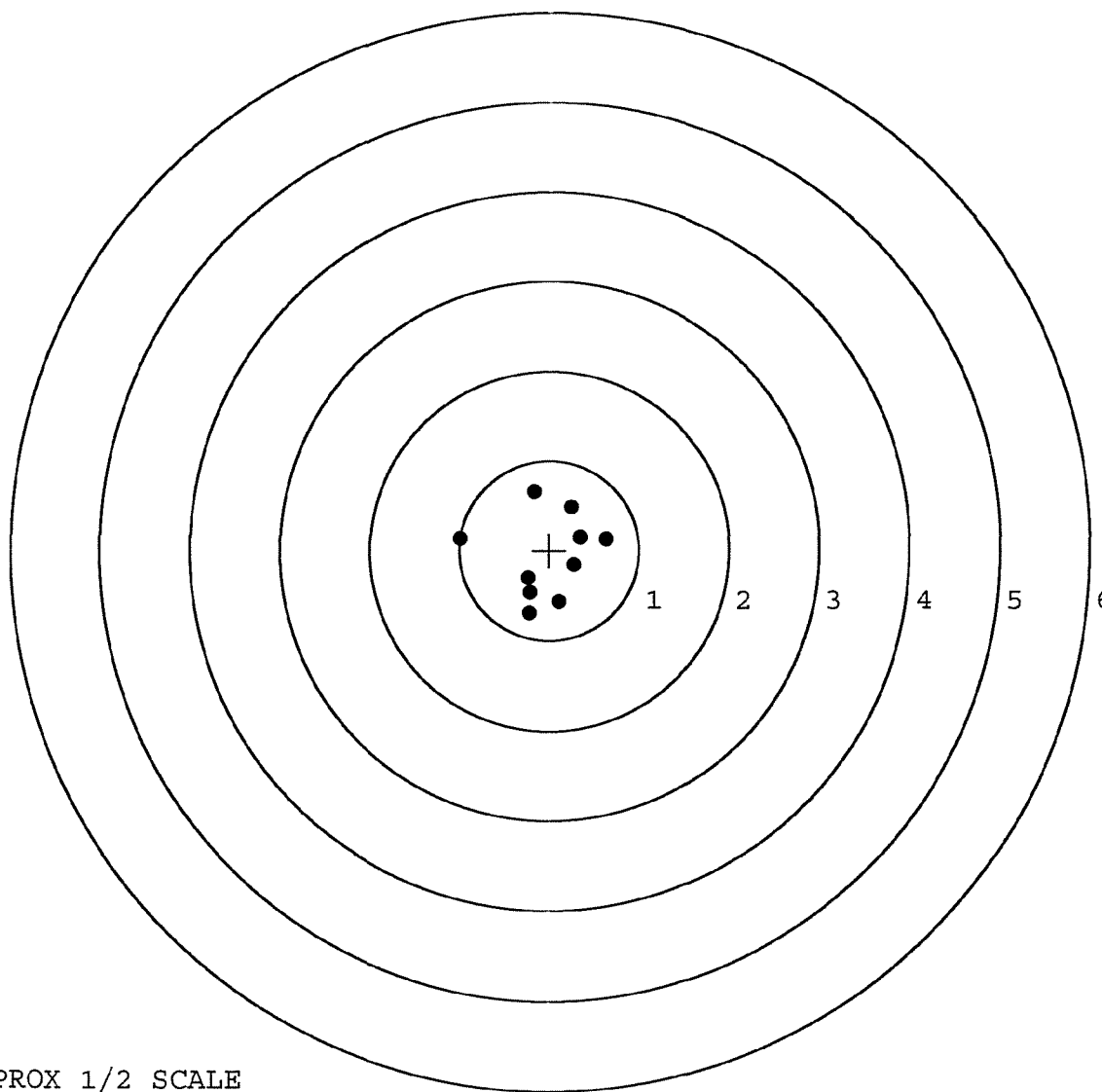


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: 6225469. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 11/14/2003  
FILE TIME: 13:10

X CENTROID: -0.023  
Y CENTROID: -0.071  
POA TO CENTROID: 0.075  
HORZ SPREAD: 1.630  
VERT SPREAD: 1.358  
GROUP SPREAD: 1.630  
MIN RADIUS: 0.315  
MAX RADIUS: 0.989  
MEAN RADIUS: 0.575  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.177 | 0.654  |
| 2:     | 0.242  | 0.484  |
| 3:     | 0.353  | 0.141  |
| 4:     | 0.638  | 0.124  |
| 5:     | 0.277  | -0.167 |
| 6:     | 0.110  | -0.577 |
| 7:     | -0.224 | -0.704 |
| 8:     | -0.238 | -0.320 |
| 9:     | -0.992 | 0.128  |
| 10:    | -0.217 | -0.475 |



TARGET APPROX 1/2 SCALE

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

|                     |                    |           |         |
|---------------------|--------------------|-----------|---------|
| R & E NUMBER        | 71774              |           |         |
| SERIAL NUMBER       | C6348966 C6225469  |           |         |
| LOG-IN DATE         | 10-21-03           |           |         |
| INSPECT AND VERIFY: |                    |           |         |
| OPERATION #         | OPERATION NAME     | DATE      | INITIAL |
| 550                 | DIS-ASSEMBLE GUN   | 10-28-03  | RTL     |
| 560 A               | RE-BARREL          | 11-29-03  | RTL     |
| B                   | DRILL AND TAP      | 11-4-03   | TRW     |
| 575                 | ASSEMBLE           | 11-3-03   | RTL     |
| 600                 | PROOF              | 11-8-03   | AC      |
| 605                 | CHECK HEADSPACE    | 11-3-03   | AC      |
| 610                 | DIS-ASSEMBLE GUN   | 11-3-03   | RL      |
| 612                 | MAGNAFLUX OPERATOR |           |         |
| 615                 | ROLLMARK CALIBER   | 11-5-03   | AB      |
| 618                 | ROTO-BLAST         |           |         |
| 620                 | APPLY COATINGS     | 11-8      | TA      |
| 625 A               | FINAL ASSEMBLY     | 11-12-03  | RTL     |
| B                   | TRIGGER PULL TEST  |           |         |
| C                   | SAFETY "ON" FORCE  |           |         |
| D                   | SAFETY "OFF" FORCE |           |         |
| E                   | FIRING PIN INDENT  |           |         |
| 640                 | TARGET             | 11-14-03  | AC      |
| 655                 | FINAL INSPECT      | 12-15-03  | RTL     |
| 660                 | PACK               | 12/16/03  | DA      |
|                     |                    | SHIP DATE |         |
| QAR INSPECTION DATE |                    |           |         |




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

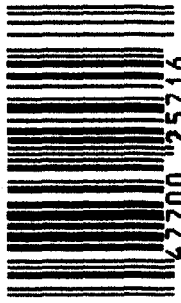
|                             |                        |
|-----------------------------|------------------------|
| MODEL 700 <sup>TM</sup> H24 | SERIAL NO.<br>C6225469 |
|                             | ORDER NO.<br>5716      |

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



5716 C6225469

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

## INTERCHANGEABILITY

GUN SERIAL # C6225469

| OP. #     | OP. NAME                                                 | READINGS | DATE    | INIT |
|-----------|----------------------------------------------------------|----------|---------|------|
| 575 & 580 | Assemble Action and Stock                                | 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 Action                                  |          | 4/13/89 | KCR  |
|           | Magnaflux Bolt                                           |          | 4/14/89 | KCR  |
| 615       | Rollmark Caliber                                         |          | 4/15/89 | ROS  |
| 617       | Drill and Tap Sight Holes                                | 4 14     | 89      | LB   |
| 618       | Polish Barrel RB                                         | 4 14     | 89      | BT   |
| 620       | Apply Coatings (Barrel Action)                           |          | 4-20-89 | TSF  |
|           | Apply Coating (Bolt)                                     |          |         |      |
| 625       | Final Assembly                                           |          |         |      |
|           | A) Clean inside of Bolt Assembly                         |          | 5/4/89  | RW   |
|           | B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head |          | 5/4/89  | RW   |
|           | C) Inspect Ejector Hole for Chamfer                      |          | 5/4/89  | RW   |
|           | D) Oil Firing Pin Ass'y                                  |          | 5/4/89  | RW   |
|           | E) Adjust Trigger Pull to Min Setting and Stake          |          | 5/9/89  | WB   |

| op. #        | OP. NAME                                                    | READINGS |      |      |      |      | DATE       | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|------|------|------------|------|
| 625<br>cont. | F) Safety On Force                                          | 7        | 7    | 7    |      |      | 5/9/89     | JK   |
|              | G) Safety Off Force                                         | 3        | 3    | 3    |      |      | 5/9/89     | JK   |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |      |      | 5/9/89     | WAB  |
|              | I) Firing Pin Indent                                        | .0205    | .020 | .020 |      |      | 5/9/89     | JK   |
|              | J) Assemble Stock                                           |          |      |      |      |      | 5/10/89    | RW   |
|              | K) Assemble Swivel Studs                                    |          |      |      |      |      | 15 May 89  | JS   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |      |      |      | 5/10/89    | RW   |
|              | M) Iron Sight Alignment                                     |          |      |      |      |      | 5/10/89    | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |      |      |      | 5/10/89    | RW   |
|              | O) Attach Scope to Rifle                                    |          |      |      |      |      | 5/10/89    | JK   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |      |      |      | 5/11/89    | JK   |
| 640          | Gallery Target & Test                                       | 64 R     | 88 L |      |      |      | 5-11-89    | JK   |
|              | A) Time                                                     |          |      |      |      |      | "          | JK   |
|              | B) Malfunctions                                             |          |      |      |      |      | "          | JK   |
|              | C) Pierced Primers                                          |          |      |      |      |      | "          | JK   |
|              | D) Optical Clarity of Scope                                 |          |      |      |      |      | "          | JK   |
| 645          | Inspect for Live Ammo                                       |          |      |      |      |      | 5-11-89    | JK   |
| 655          | Final Inspection                                            |          |      |      |      |      |            |      |
|              | A) Headspace                                                |          |      |      |      |      | 15 May 89  | JS   |
|              | B) Trigger Pull                                             | 2.34     | 2.36 | 2.52 | 2.51 | 2.51 | 15 May 89  | JS   |
|              | C) Function                                                 |          |      |      |      |      | 15 May 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. 6225469

DATE 3/30/90

TESTER D/H

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------------------------------------------------------------------------|
| PULL #1 | 2.34             | 2.45                     | 2.46                           | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.38             | 2.37                     | 2.48                           |                                                                        |
| PULL #3 | 2.23             | 2.35                     | 2.50                           |                                                                        |
| PULL #4 | 2.38             | 2.35                     | 2.50                           |                                                                        |
| PULL #5 | 2.42             | 2.27                     | 2.49                           |                                                                        |
| TOTAL   | 11.75            | 11.79                    | 12.43                          |                                                                        |
| AVG.    | 2.35             | 2.35                     | 2.48                           |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES | COMMENTS |
|---------|------------------|--------------------------|----------|
| PULL #1 | 3.29             | 3.25                     |          |
| PULL #2 | 3.28             | 3.26                     |          |
| PULL #3 | 3.19             | 3.16                     |          |
| PULL #4 | 3.28             | 3.18                     |          |
| PULL #5 | 3.26             | 3.15                     |          |
| TOTAL   | 16.30            | 16.00                    |          |
| AVG.    | 3.26             | 3.20                     |          |

|         | 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 | 4.06             | 4.09                     |                                |                                      |
| PULL #2 | 4.02             | 4.01                     |                                |                                      |
| PULL #3 | 4.15             | 4.07                     |                                |                                      |
| PULL #4 | 4.11             | 4.01                     |                                |                                      |
| PULL #5 | 4.09             | 4.00                     |                                |                                      |
| TOTAL   | 20.43            | 20.18                    |                                |                                      |
| AVG.    | 4.08             | 4.03                     |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06225469  
15 May 1989

CENTROIDAL DISTANCES

|      |   |          |
|------|---|----------|
| 0 TO | 1 | .438005  |
| 1 TO | 2 | .784706  |
| 1 TO | 3 | .469777  |
| 1 TO | 4 | .458705  |
| 1 TO | 5 | .0906091 |

$\frac{+5}{22}$  (----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1858  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2022  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .274602  
THE AMR FOR THIS RIFLE IS: .8562

11 May 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/06225469

# CENTERFIRE PATTERNS

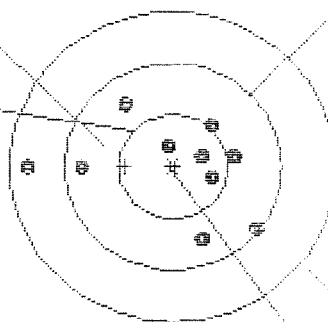
# 1

POA

1in circle

2in circle

3in circle



CENTROID #

# OF SHOTS= 10

# IN CIR

1in = 3

2in = 9

3in = 10

HS= 2.055

VS= 1.235

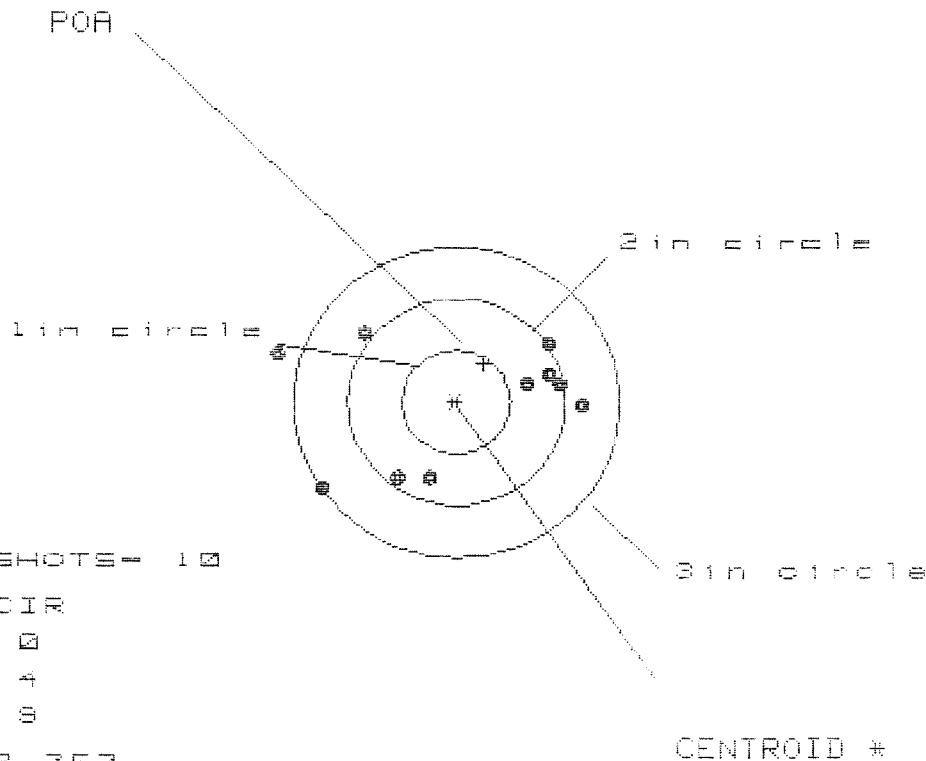
GS= 2.140

|                               |   |        |       |       |
|-------------------------------|---|--------|-------|-------|
| PATTERN #                     | : | 1      |       |       |
| SHOTS (BEST OF)               | : | 10     | 9     | 8     |
| MAXIMUM X                     | : | .746   | .600  | .528  |
| MINIMUM X                     | : | -1.309 | -.933 | -.858 |
| MAXIMUM Y                     | : | .567   | .567  | .493  |
| MINIMUM Y                     | : | -.668  | -.668 | -.742 |
| CENTROID X                    | : | .438   | .583  | .508  |
| CENTROID Y                    | : | -.002  | -.002 | .072  |
| POA TO CENTROID in.           | : | .438   | .583  | .513  |
| MIN RADIUS                    | : | .247   | .159  | .189  |
| MEAN RADIUS                   | : | .656   | .545  | .509  |
| MAX RADIUS                    | : | 1.310  | .933  | .860  |
| HORIZONTAL SPREAD             | : | 2.055  | 1.533 | 1.386 |
| VERTICAL SPREAD               | : | 1.235  | 1.235 | 1.235 |
| EXTREME SPREAD                | : | 2.140  | 1.690 | 1.419 |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 3     |       |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 9     |       |
| NUMBER IN THREE INCH CIRCLE = |   |        | 10    |       |

11 May 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/08225469

# CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1in = 0

2in = 4

3in = 9

HS= 2.763

VS= 1.572

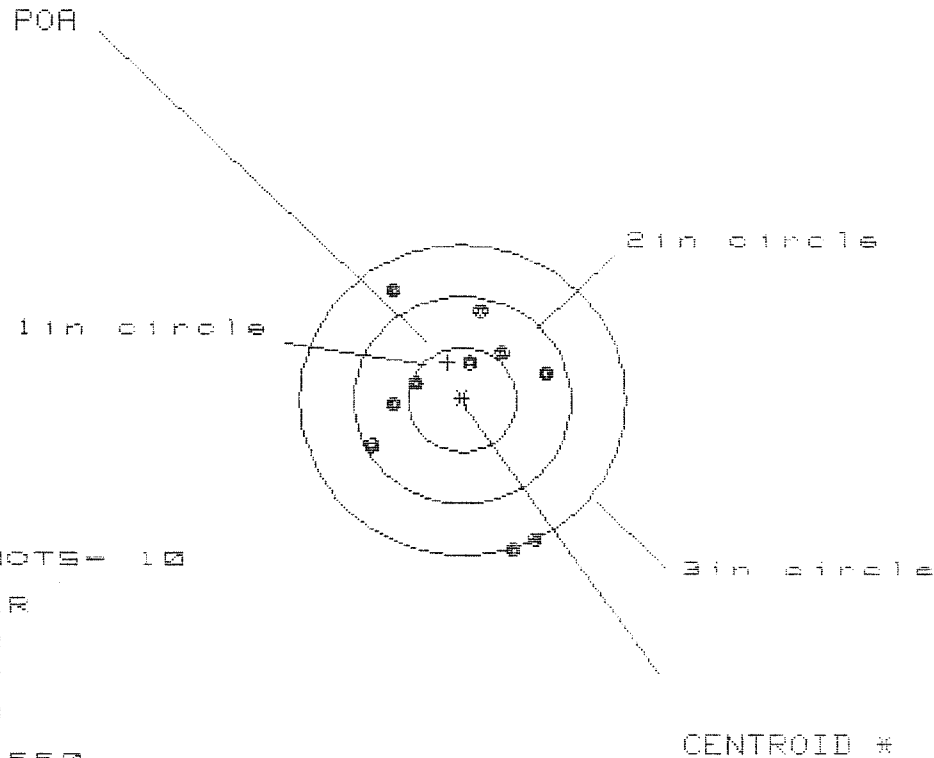
GS= 2.818

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 2      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.149  | .970   | .795   |
| MINIMUM X                   | : | -1.614 | -1.397 | -1.225 |
| MAXIMUM Y                   | : | .705   | .763   | .662   |
| MINIMUM Y                   | : | -.867  | -.809  | -.799  |
| CENTROID X                  | : | -.254  | -.075  | .100   |
| CENTROID Y                  | : | -.372  | -.430  | -.329  |
| POA TO CENTROID in.         | : | .450   | .436   | .344   |
| MIN RADIUS                  | : | .653   | .498   | .299   |
| MEAN RADIUS                 | : | 1.072  | .965   | .824   |
| MAX RADIUS                  | : | 1.696  | 1.615  | 1.392  |
| HORIZONTAL SPREAD           | : | 2.763  | 2.367  | 2.020  |
| VERTICAL SPREAD             | : | 1.572  | 1.572  | 1.461  |
| EXTREME SPREAD              | : | 2.818  | 2.510  | 2.150  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 0      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

11 May 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/06225489

# CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1in = 2

2in = 7

3in = 8

HS= 1.550

VS= 2.564

GS= 2.769

| PATTERN #                   | : | 3      |        |       |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | .748   | .799   | .886  |
| MINIMUM X                   | : | -.802  | -.751  | -.664 |
| MAXIMUM Y                   | : | 1.087  | .923   | .740  |
| MINIMUM Y                   | : | -1.477 | -1.465 | -.736 |
| CENTROID X                  | : | .135   | .084   | -.003 |
| CENTROID Y                  | : | -.361  | -.197  | -.014 |
| POA TO CENTROID in.         | : | .386   | .215   | .014  |
| MIN RADIUS                  | : | .371   | .244   | .235  |
| MEAN RADIUS                 | : | .879   | .761   | .627  |
| MAX RADIUS                  | : | 1.546  | 1.622  | .991  |
| HORIZONTAL SPREAD           | : | 1.550  | 1.550  | 1.550 |
| VERTICAL SPREAD             | : | 2.564  | 2.388  | 1.476 |
| EXTREME SPREAD              | : | 2.769  | 2.688  | 1.699 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |       |

11 May 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225469

# CENTERFIRE PATTERNS

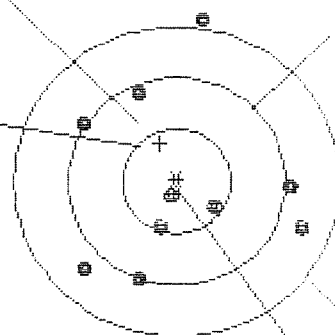
# 4

POA

1 in circle

2 in circle

3 in circle



# OF SHOTS - 10

# IN CIR

1 in = 3

2 in = 6

3 in = 9

HS = 1.948

VS = 2.501

GS = 2.665

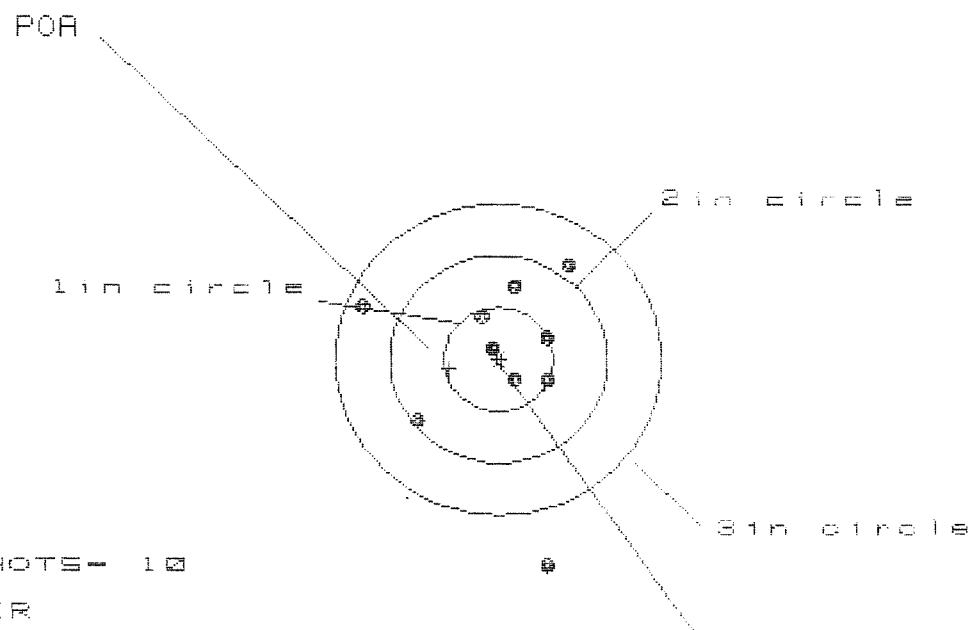
CENTROID #

| PATTERN #                     | 4     |       |       |
|-------------------------------|-------|-------|-------|
| SHOTS (BEST OF)               | 10    | 9     | 8     |
| MAXIMUM X                     | 1.096 | 1.122 | 1.018 |
| MINIMUM X                     | -.852 | -.826 | -.884 |
| MAXIMUM Y                     | 1.602 | 1.071 | .989  |
| MINIMUM Y                     | -.899 | -.721 | -.803 |
| CENTROID X                    | .155  | .129  | .233  |
| CENTROID Y                    | -.363 | -.541 | -.453 |
| POA TO CENTROID in.           | .395  | .556  | .515  |
| MIN RADIUS                    | .151  | .100  | .179  |
| MEAN RADIUS                   | .900  | .783  | .757  |
| MAX RADIUS                    | 1.618 | 1.147 | 1.101 |
| HORIZONTAL SPREAD             | 1.948 | 1.948 | 1.902 |
| VERTICAL SPREAD               | 2.501 | 1.792 | 1.792 |
| EXTREME SPREAD                | 2.665 | 2.138 | 2.138 |
| NUMBER IN ONE INCH CIRCLE =   |       | 3     |       |
| NUMBER IN TWO INCH CIRCLE =   |       | 6     |       |
| NUMBER IN THREE INCH CIRCLE = |       | 9     |       |

11 May 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225469

# CENTERFIRE PATTERNS # 5



# OF SHOTS - 10

# IN CIR

1 in = 5

2 in = 7

3 in = 9

HS = 1.815

VS = 2.918

GS = 2.989

CENTROID #

| PATTERN #                     | 5      |
|-------------------------------|--------|
| SHOTS (BEST OF)               | 10     |
| MAXIMUM X                     | .684   |
| MINIMUM X                     | -1.211 |
| MAXIMUM Y                     | .950   |
| MINIMUM Y                     | -1.968 |
| CENTROID X                    | .455   |
| CENTROID Y                    | .087   |
| POA TO CENTROID in.           | .463   |
| MIN RADIUS                    | .112   |
| MEAN RADIUS                   | .774   |
| MAX RADIUS                    | 2.024  |
| HORIZONTAL SPREAD             | 1.815  |
| VERTICAL SPREAD               | 2.918  |
| EXTREME SPREAD                | 2.989  |
| NUMBER IN ONE INCH CIRCLE =   | 5      |
| NUMBER IN TWO INCH CIRCLE =   | 7      |
| NUMBER IN THREE INCH CIRCLE = | 9      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06225469  
12 Jun 1989

INTERCHANGEABILITY

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .600407 |
| 1 TO | 2 | .318498 |
| 1 TO | 3 | .200482 |
| 1 TO | 4 | .456685 |
| 1 TO | 5 | .724321 |

$\sigma_{avg}^2$  + <----POB

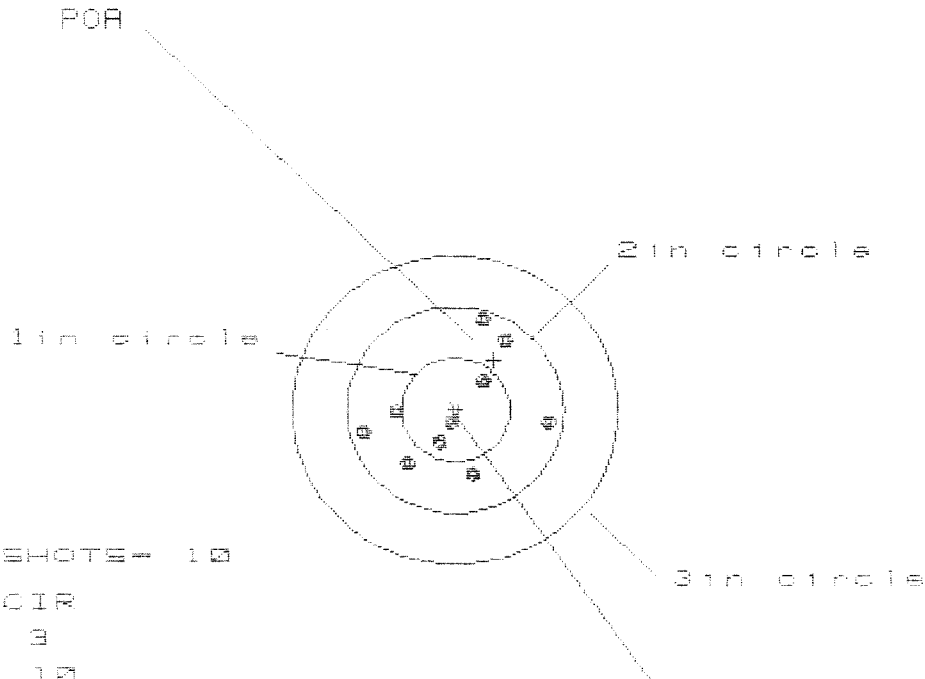
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3906  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1654  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .424176  
THE AMR FOR THIS RIFLE IS: .761

12 JUN 1999

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225463.1

# CENTERFIRE PATTERNS

# 1



# OF SHOTS- 10

# IN CIR

1in = 3

2in = 10

3in = 10

HS= 1.593

VS= 1.556

GS= 1.696

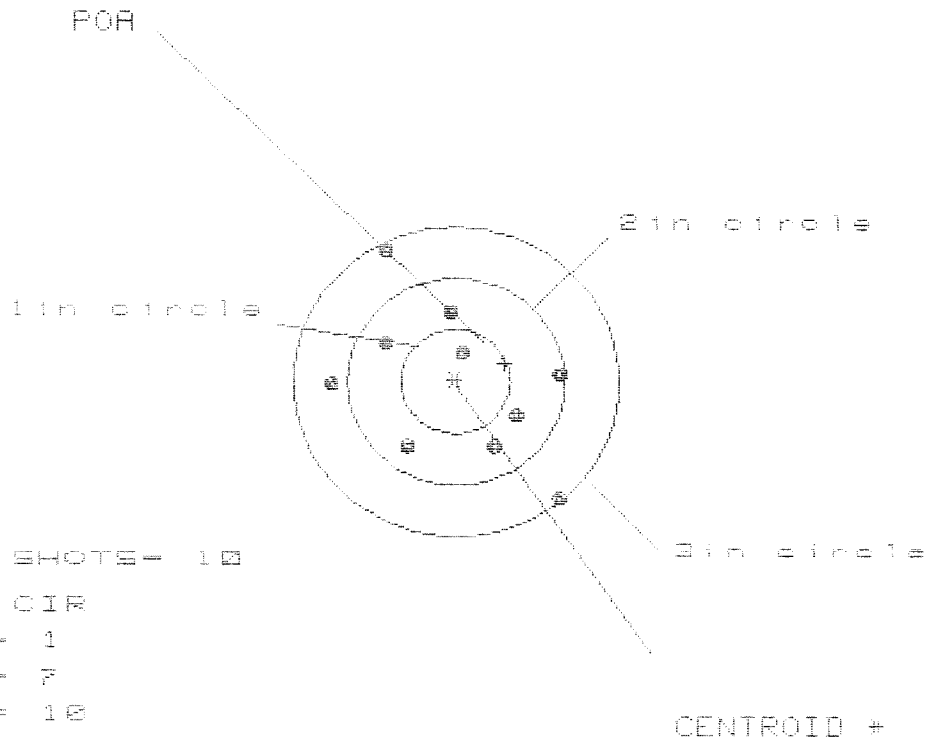
CENTROID #

| PATTERN #                     | 1     | 2     | 3     |
|-------------------------------|-------|-------|-------|
| SHOTS (BEST OF)               | 10    | 9     | 8     |
| MAXIMUM X                     | .882  | .915  | .624  |
| MINIMUM X                     | -.811 | -.778 | -.664 |
| MAXIMUM Y                     | .931  | .814  | .806  |
| MINIMUM Y                     | -.625 | -.521 | -.529 |
| CENTROID X                    | -.358 | -.391 | -.505 |
| CENTROID Y                    | -.482 | -.586 | -.578 |
| POP TO CENTROID in.           | .600  | .704  | .768  |
| MIN RADIUS                    | .108  | .008  | .107  |
| MEAN RADIUS                   | .637  | .573  | .525  |
| MAX RADIUS                    | .979  | .960  | 1.020 |
| HORIZONTAL SPREAD             | 1.693 | 1.693 | 1.298 |
| VERTICAL SPREAD               | 1.556 | 1.335 | 1.335 |
| EXTREME SPREAD                | 1.696 | 1.696 | 1.611 |
| NUMBER IN ONE INCH CIRCLE =   | 3     |       |       |
| NUMBER IN TWO INCH CIRCLE =   | 10    |       |       |
| NUMBER IN THREE INCH CIRCLE = | 10    |       |       |

12 Jun 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/08225463.1

# CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 7

3in = 10

HS= 2.069

VS= 2.405

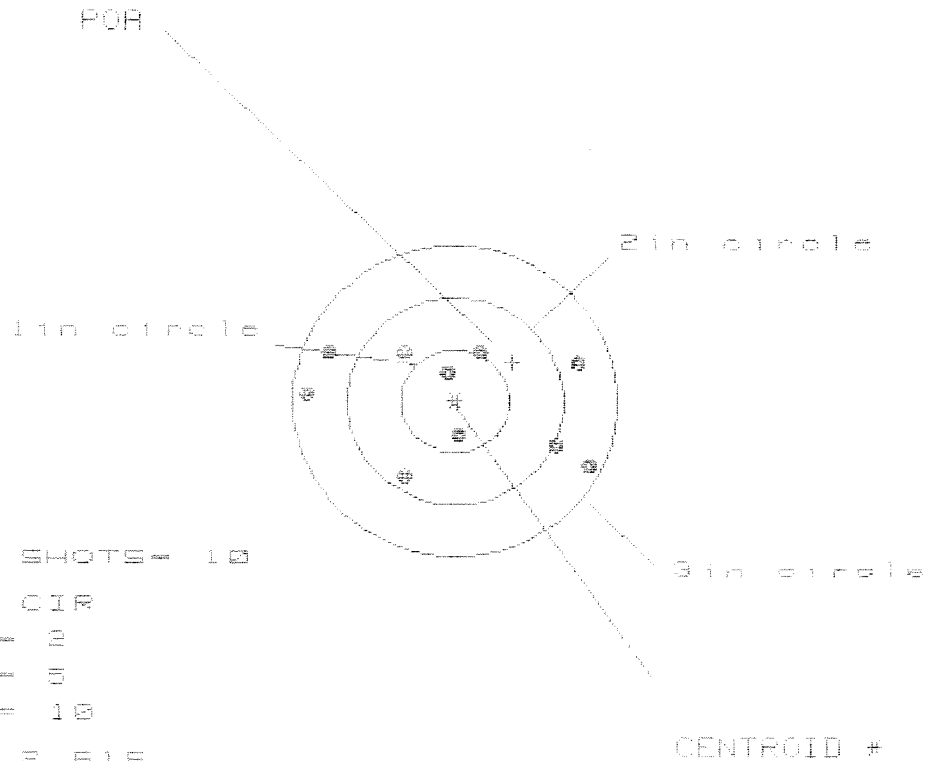
ES= 2.851

| PATTERN #                     | : | 2      | 9     | 8      |
|-------------------------------|---|--------|-------|--------|
| SHOTS (BEST OF)               | : | 10     | 9     | 8      |
| MAXIMUM X                     | : | .971   | 1.074 | 1.012  |
| MINIMUM X                     | : | -1.098 | -.995 | -1.057 |
| MAXIMUM Y                     | : | 1.240  | 1.111 | .697   |
| MINIMUM Y                     | : | -1.165 | -.763 | -.624  |
| CENTROID X                    | : | -.453  | -.556 | -.494  |
| CENTROID Y                    | : | -.178  | -.049 | -.188  |
| FOR TO CENTROID in.           | : | .487   | .559  | .529   |
| MIN RADIUS                    | : | .247   | .202  | .270   |
| MEAN RADIUS                   | : | .873   | .793  | .735   |
| MAX RADIUS                    | : | 1.491  | 1.217 | 1.057  |
| HORIZONTAL SPREAD             | : | 2.069  | 2.069 | 2.069  |
| VERTICAL SPREAD               | : | 2.405  | 1.874 | 1.321  |
| EXTREME SPREAD                | : | 2.851  | 2.082 | 2.071  |
| NUMBER IN ONE INCH CIRCLE =   | : | 1      |       |        |
| NUMBER IN TWO INCH CIRCLE =   | : | 7      |       |        |
| NUMBER IN THREE INCH CIRCLE = | : | 10     |       |        |

12 Jun 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C62254B9.1

# CENTERFIRE PATTERNS # 3



# OF SHOTS = 10  
 # IN CIR  
 1in = 2  
 2in = 5  
 3in = 10  
 HSI = 2.616  
 VS = 1.273  
 GS = 2.695

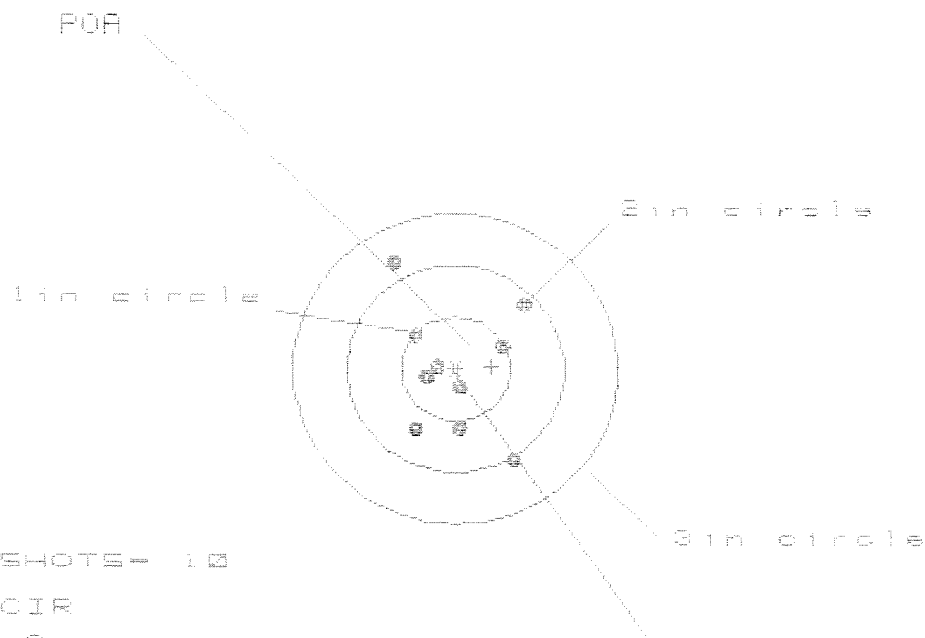
|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 3      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.242  | 1.230  | 1.075  |
| MINIMUM X                   | : | -1.373 | -1.235 | -1.154 |
| MAXIMUM Y                   | : | .528   | .460   | .456   |
| MINIMUM Y                   | : | -.745  | -.913  | -.917  |
| CENTROID X                  | : | -.530  | -.669  | -.514  |
| CENTROID Y                  | : | -.379  | -.311  | -.307  |
| POR TO CENTROID in.         | : | .652   | .737   | .599   |
| MIN RADIUS                  | : | .247   | .169   | .192   |
| MEAN RADIUS                 | : | .879   | .807   | .740   |
| MAX RADIUS                  | : | 1.384  | 1.270  | 1.220  |
| HORIZONTAL SPREAD           | : | 2.616  | 2.465  | 2.229  |
| VERTICAL SPREAD             | : | 1.273  | 1.273  | 1.273  |
| EXTREME SPREAD              | : | 2.695  | 2.489  | 2.263  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |        |

12 Jun 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/06225463.1

# CENTERFIRE PATTERNS

# 4



# OF SHOTS- 10

# IN CIR

1 in = 3

2 in = 8

3 in = 10

HS= 1.169

VS= 1.967

GS= 2.246

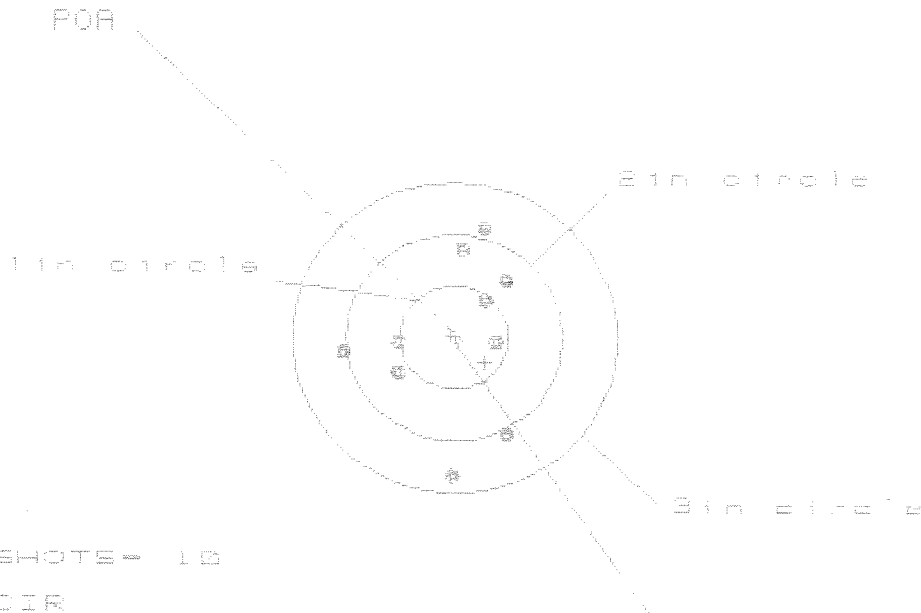
CENTROID \*

|                             |   |       |       |       |
|-----------------------------|---|-------|-------|-------|
| PATTERN #                   | : | 4     |       |       |
| SHOTS (BEST OF)             | : | 10    | 9     | 8     |
| MAXIMUM X                   | : | .645  | .587  | .649  |
| MINIMUM X                   | : | -.524 | -.455 | -.393 |
| MAXIMUM Y                   | : | 1.055 | .765  | .665  |
| MINIMUM Y                   | : | -.912 | -.794 | -.594 |
| CENTROID X                  | : | -.333 | -.275 | -.337 |
| CENTROID Y                  | : | -.026 | -.144 | -.044 |
| POB TO CENTROID in.         | : | .334  | .310  | .340  |
| MIN RADIUS                  | : | .149  | .054  | .132  |
| MEAN RADIUS                 | : | .601  | .529  | .466  |
| MAX RADIUS                  | : | 1.178 | .964  | .930  |
| HORIZONTAL SPREAD           | : | 1.169 | 1.042 | 1.042 |
| VERTICAL SPREAD             | : | 1.967 | 1.559 | 1.259 |
| EXTREME SPREAD              | : | 2.246 | 1.585 | 1.585 |
| NUMBER IN ONE INCH CIRCLE   | = |       | 3     |       |
| NUMBER IN TWO INCH CIRCLE   | = |       | 8     |       |
| NUMBER IN THREE INCH CIRCLE | = |       | 10    |       |

12 Jun 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/08225459.1

# CENTERFIRE PATTERNS # 5



# OF SHOTS = 10

# IN CIR

1 in = 2

2 in = 6

3 in = 10

HS = 1.508

VS = 2.417

GS = 2.438

CENTROID #

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | .498   | .581   | .536   |
| MINIMUM X                     | -1.011 | -1.008 | -1.373 |
| MAXIMUM Y                     | 1.060  | .909   | .507   |
| MINIMUM Y                     | -1.357 | -1.092 | -1.979 |
| CENTROID X                    | -.279  | -.282  | -.317  |
| CENTROID Y                    | .238   | .389   | .276   |
| FOR TO CENTROID in.           | .367   | .481   | .420   |
| MIN RADIUS                    | .393   | .375   | .443   |
| MEAN RADIUS                   | .615   | .735   | .710   |
| MAX RADIUS                    | 1.358  | 1.202  | 1.116  |
| HORIZONTAL SPREAD             | 1.509  | 1.509  | 1.509  |
| VERTICAL SPREAD               | 2.417  | 2.001  | 1.786  |
| EXTREME SPREAD                | 2.438  | 2.013  | 1.830  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 6      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 10     |        |        |



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225469

| OP. #        | OP. NAME                                                       | READINGS | DATE    | INITIAL |
|--------------|----------------------------------------------------------------|----------|---------|---------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   |          | 4/15/96 | RW      |
| 600          | Proof                                                          |          | 4/15/96 | RW      |
| 607          | Check Headspace                                                |          | 4/15/96 | RW      |
| 610          | Dis-assemble Gun                                               |          | 4/15/96 | 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          |          | 4/22/96 | RW      |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 4/22/96 | RW      |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 4/22/96 | RW      |
|              | D) Oil Firing Pin Ass'y                                        |          | 4/22/96 | RW      |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          |         |         |

## Final Inspection

Sn: C6225469

DATE REC'D: 4/8/96

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: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06225469  
22 Feb 1900

CENTROIDAL DISTANCES

|        |         |
|--------|---------|
| 0 TO 1 | .673714 |
| 1 TO 2 | .377927 |
| 1 TO 3 | .289389 |
| 1 TO 4 | .150003 |
| 1 TO 5 | .423405 |

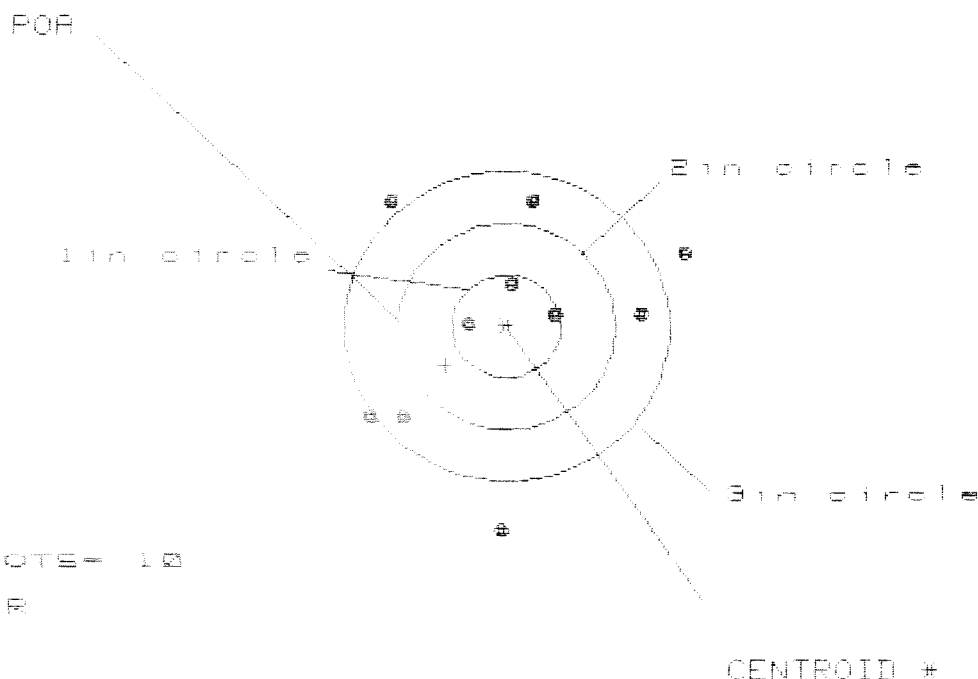
+  $\frac{1}{5}$  ---- POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4756  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2864  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .555176  
THE AMR FOR THIS RIFLE IS: 23

22 Feb 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/06225463

# CENTERFIRE PATTERNS # 1



# OF SHOTS = 10

# IN CIR

1 in = 3

2 in = 3

3 in = 6

HS = 2.915

VS = 3.138

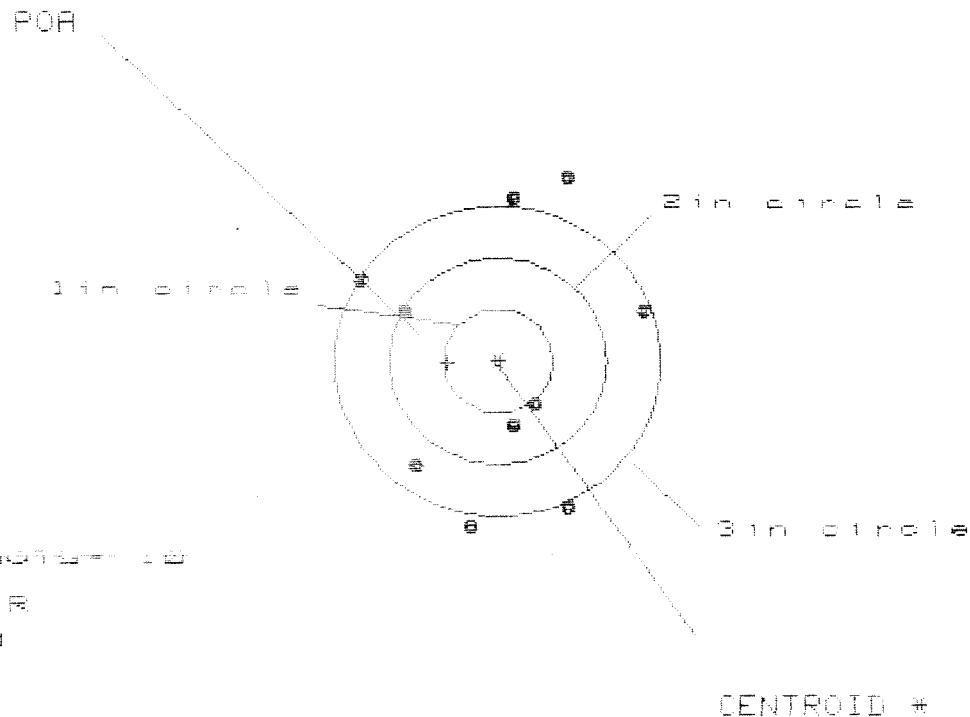
GS = 3.315

|                               |   |        |        |        |
|-------------------------------|---|--------|--------|--------|
| PATTERN #                     | : | 1      |        |        |
| SHOTS (BEST OF)               | : | 10     | 9      | 8      |
| MAXIMUM X                     | : | 1.648  | 1.647  | 1.448  |
| MINIMUM X                     | : | -1.267 | -1.268 | -1.062 |
| MAXIMUM Y                     | : | 1.173  | .955   | 1.014  |
| MINIMUM Y                     | : | -.965  | -1.103 | -1.044 |
| CENTROID X                    | : | .000   | .558   | .352   |
| CENTROID Y                    | : | .000   | .597   | .538   |
| POA TO CENTROID IN.           | : |        | .817   | .643   |
| MIN RADIUS                    | : |        | .193   | .174   |
| MEAN RADIUS                   | : |        | 1.054  | .975   |
| MAX RADIUS                    | : |        | 1.713  | 1.489  |
| HORIZONTAL SPREAD             | : | 2.915  | 2.915  | 2.510  |
| VERTICAL SPREAD               | : | 3.138  | 2.058  | 2.058  |
| EXTREME SPREAD                | : | 3.315  | 3.312  | 2.687  |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 3      |        |
| NUMBER IN THREE INCH CIRCLE = |   |        | 6      |        |

22 Feb 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/06225489

# CENTERFIRE PATTERNS # 2



# OF SHOTS = 10

# IN CIR

1 in = 0

2 in = 2

3 in = 6

HS = 2.568

VS = 3.446

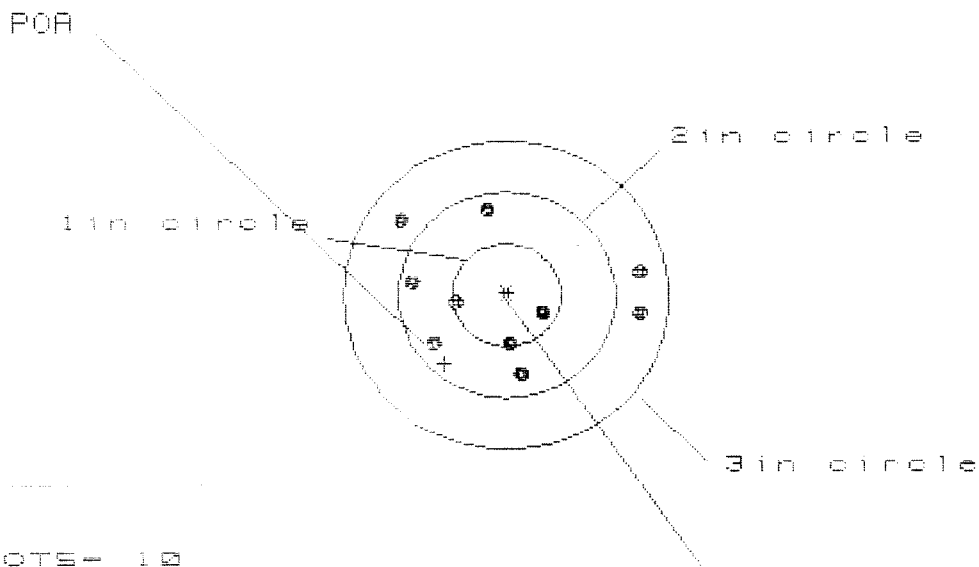
GS = 3.557

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.316  | 1.382  | 1.354  |
| MINIMUM X                     | -1.253 | -1.187 | -1.215 |
| MAXIMUM Y                     | 1.821  | 1.778  | 1.681  |
| MINIMUM Y                     | -1.625 | -1.423 | -1.423 |
| CENTROID X                    | 0.457  | 0.393  | 0.421  |
| CENTROID Y                    | 0.436  | -0.188 | -0.011 |
| POA TO CENTROID in.           | 0.436  | 0.421  | 0.421  |
| MIN RADIUS                    | 0.431  | 0.579  | 0.579  |
| MEAN RADIUS                   | 1.205  | 1.205  | 1.188  |
| MAX RADIUS                    | 1.793  | 1.793  | 1.613  |
| HORIZONTAL SPREAD             | 2.569  | 2.569  | 2.569  |
| VERTICAL SPREAD               | 3.201  | 3.201  | 3.024  |
| EXTREME SPREAD                | 3.557  | 3.233  | 3.057  |
| NUMBER IN ONE INCH CIRCLE =   | 0      | 0      | 0      |
| NUMBER IN TWO INCH CIRCLE =   | 2      | 2      | 2      |
| NUMBER IN THREE INCH CIRCLE = | 6      | 6      | 6      |

022 Feb 1908

FILE://PATTERNING/CENTERFIRE\_PATT/06225489

# CENTERFIRE PATTERNS # 3



# OF SHOTS= 10

# IN CIR

1in = 3

2in = 7

3in = 10

HS= 2.207

VS= 1.576

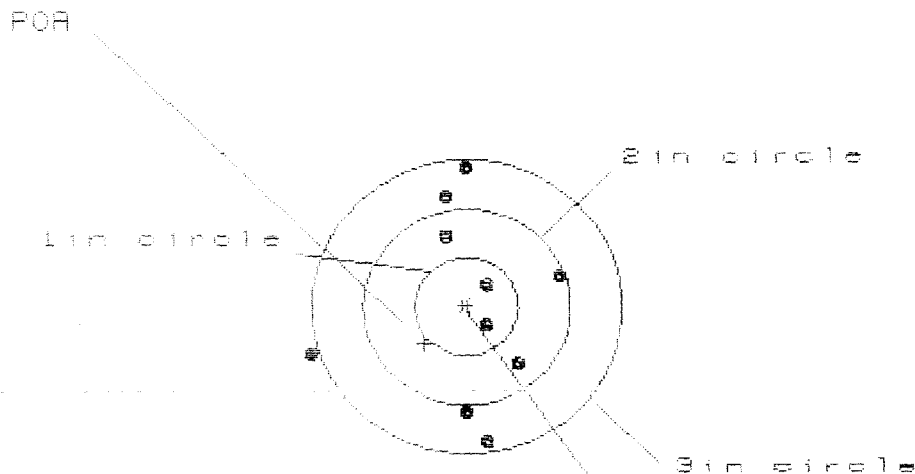
GS= 2.379

|                             |   |       |       |       |
|-----------------------------|---|-------|-------|-------|
| PATTERN #                   | : | 3     |       |       |
| SHOTS (BEST OF)             | : | 10    | 9     | 8     |
| MAXIMUM X                   | : | 1.269 | 1.374 | .660  |
| MINIMUM X                   | : | -.938 | -.797 | -.625 |
| MAXIMUM Y                   | : | .836  | .867  | .844  |
| MINIMUM Y                   | : | -.740 | -.709 | -.732 |
| CENTROID X                  | : | .572  | .431  | .259  |
| CENTROID Y                  | : | .668  | .637  | .660  |
| POA TO CENTROID in.         | : | .879  | .769  | .709  |
| MIN RADIUS                  | : | .352  | .352  | .199  |
| MEAN RADIUS                 | : | .759  | .759  | .658  |
| MAX RADIUS                  | : | 1.387 | 1.387 | .986  |
| HORIZONTAL SPREAD           | : | 2.171 | 2.171 | 1.285 |
| VERTICAL SPREAD             | : | 1.576 | 1.576 | 1.576 |
| EXTREME SPREAD              | : | 2.379 | 2.379 | 1.851 |
| NUMBER IN ONE INCH CIRCLE   | : | 3     | 3     | 3     |
| NUMBER IN TWO INCH CIRCLE   | : | 7     | 7     | 7     |
| NUMBER IN THREE INCH CIRCLE | : | 10    | 10    | 10    |

22 Feb 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/08225468

# CENTERFIRE PATTERNS # 4



# OF SHOTS = 10

# IN CIR

1 in = 2

2 in = 5

3 in = 9

10 = 2.875

VS = 2.850

GS = 2.860

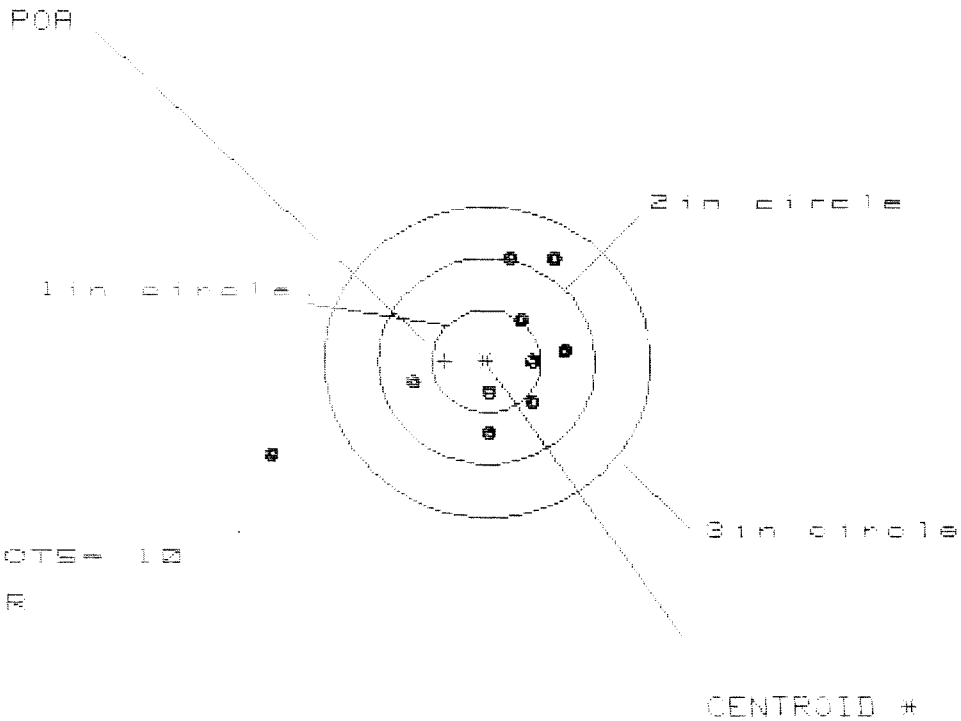
CENTROID #

|                               |   |        |        |        |
|-------------------------------|---|--------|--------|--------|
| PATTERN #                     | : | 4      |        |        |
| SHOTS (BEST OF)               | : | 10     | 9      | 8      |
| MAXIMUM X                     | : | .856   | .688   | .664   |
| MINIMUM X                     | : | -1.514 | -.389  | -.413  |
| MAXIMUM Y                     | : | 1.453  | 1.397  | 1.238  |
| MINIMUM Y                     | : | -1.357 | -1.453 | -1.279 |
| CENTROID X                    | : |        | .575   | .599   |
| CENTROID Y                    | : |        | .434   | .266   |
| FOR TO CENTROID in            | : |        | .721   | .653   |
| MIN RADIUS                    | : |        | .124   | .089   |
| MEAN RADIUS                   | : |        | .859   | .778   |
| MAX RADIUS                    | : |        | 1.454  | 1.298  |
| HORIZONTAL SPREAD             | : |        | 1.077  | 1.077  |
| VERTICAL SPREAD               | : |        | 2.850  | 2.509  |
| EXTREME SPREAD                | : |        | 2.860  | 2.547  |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE = |   |        | 9      |        |

22 Feb 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225463

# CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1in = 2

2in = 8

3in = 9

HS= 2.641

VS= 1.915

GS= 3.155

| PATTERN #                   | 5      |       |       |
|-----------------------------|--------|-------|-------|
| SHOTS (BEST OF)             | 10     | 9     | 8     |
| MAXIMUM X                   | .701   | .486  | .530  |
| MINIMUM X                   | -1.940 | -.914 | -.870 |
| MAXIMUM Y                   | 1.053  | .957  | .986  |
| MINIMUM Y                   | -.862  | -.834 | -.714 |
| CENTROID X                  | .383   | .598  | .554  |
| CENTROID Y                  | -.007  | .089  | -.031 |
| POA TO CENTROID in.         |        | .605  | .555  |
| MIN RADIUS                  | .333   | .216  | .262  |
| MEAN RADIUS                 | .832   | .637  | .582  |
| MAX RADIUS                  | 2.129  | .820  | .986  |
| HORIZONTAL SPREAD           | 2.641  | .400  | 1.400 |
| VERTICAL SPREAD             | 1.915  | .791  | 1.700 |
| EXTREME SPREAD              | 3.155  | .973  | 1.707 |
| NUMBER IN ONE INCH CIRCLE   | 2      |       |       |
| NUMBER IN TWO INCH CIRCLE   | 8      |       |       |
| NUMBER IN THREE INCH CIRCLE | 9      |       |       |

**Arms Services Repair & Estimate System**

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

**Repair Inquiry**

Repair Number: **RE00008816**

Serial: C6225469 Model 700 Center Fire  
M/24 SNIPER 7.62 NATO WOG 1 OF 2

Repairman:

Status: Closed 5/2/00 9:42:56 AM

Verify Repair

**Address Information**

Customer:

☒ Received From

Return To:

☐ Received From

Name: U.S.ARMY / STEVE HOWE

U.S.ARMY / STEVE HOWE

Address 1: B CO. 3RD BN 1ST SP.FORCES GROUP

B CO. 3RD BN 1ST SP.FORCES GROUP

Address 2: BLDG. 9177

PO Box:

BLDG. 9177

PO Box:

City: FORT LEWIS

FORT LEWIS

State: WA

Zip Code: 98433

Country: US

State: WA

Zip Code: 98433

Country: US

FFL:

**Contact / Condition**

**Problems**

**Estimate**

**History / Status**

**Shipping / Billing**

**Contact Information**

Phone:

Fax:

Email:

Comments:

**Received Condition**

Good

Condition Notes:

CSR Notes:

**Accessories Received**

| Code | Desc           | Qty |
|------|----------------|-----|
| A007 | With Stud      | 2   |
| A010 | Hard Case(WOG) | 1   |
| A017 | Scope Base     | 1   |
| A026 | Scope          | 1   |

Repair Search

Refresh

Close

maglet

5/2/00

11:54 AM

CAPS

NUM

INS

SCRL



11:54 AM

Scope # 89-0018

Scope Sent Back  
to Leupold for  
Service

BBL - 96003

Serial Number:

**C6225469**

Model: **700**



**RE00008816**

# LEUPOLD & STEVENS, INC.

MAILING: PO BOX 688  
BEAVERTON OR 97075-0688  
(503) 646-9171

SHIPPING: 14400 NW GREENBRIER PARKWAY  
BEAVERTON OR 97006-5934  
FAX (503) 526-1455

TELEX 15-1227

MAIL REMITTANCE IN U.S.  
FUNDS TO:

LEUPOLD & STEVENS, INC.  
PO BOX 4985  
BEAVERTON OR 97076-4985 USA

B  
I  
L  
L  
T  
O  
REMINGTON ARMS CO., INC.  
Attn: THOMAS J. NAGLE  
14 HOEFLER AVE.  
ILION NY 13357

S  
H  
I  
P  
T  
O  
REMINGTON ARMS CO., INC.  
Attn: THOMAS J. NAGLE  
14 HOEFLER AVE.  
ILION NY 13357

|                                                                                                                                                                            |          |                 |            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------|------------|
| Invoice No.                                                                                                                                                                | Date     | Type of Service | Via        |
| 0207192                                                                                                                                                                    | 05/18/00 | CHARGEABLE      | UPS 3DAY   |
| 1 ea ULTRA M3A-10X S/N# 890018                                                                                                                                             |          |                 | Charge     |
| Complaints/Requests<br>SERVICE INSPECTION<br>POINT OF IMPACT                                                                                                               |          |                 | \$25.00    |
| Service Activity:<br>COMPLETE INTERNAL INSPECTION<br>REFILLED/WATER TESTED<br>ALIGNED FOCUS ADJ SCREW<br>MECHANICAL INSPECTION<br>VISUAL INSPECTION 100%<br>CLEANED OPTICS |          |                 |            |
| SHIPPING & HANDLING                                                                                                                                                        |          |                 | \$5.00     |
|                                                                                                                                                                            |          |                 | AMOUNT DUE |
|                                                                                                                                                                            |          |                 | \$30.00    |

## For Customer Use Only:

Charge/Debit Card Payment: ☐ Visa ☐ Master Card Card # \_\_\_\_\_

Expiration Date: \_\_\_\_\_ Signature: \_\_\_\_\_

VALUE FOR CUSTOMS PURPOSES ONLY \$ \_\_\_\_\_ THESE COMMODITIES ARE EXITING THE U.S.A. UNDER GENERAL LICENSE \_\_\_\_\_  
"THESE COMMODITIES LICENSED BY THE UNITED STATES FOR ULTIMATE DESTINATION USA DIVERSION CONTRARY TO  
UNITED STATES LAW PROHIBITED."

EXPORTER/MANUFACTURER: LEUPOLD & STEVENS INC.  
PLACE: BEAVERTON, OREGON USA

ECCN: 0A987

SIGNATURE: \_\_\_\_\_  
NAME: \_\_\_\_\_ EXPORT/INVOICING SPECIALIST

I.D. 93-0372974

# LEUPOLD & STEVENS, INC.

MAILING: PO BOX 688  
BEAVERTON OR 97075-0688  
(503) 646-9171

SHIPPING: 14400 NW GREENBRIER PARKWAY  
BEAVERTON OR 97006-5934  
FAX (503) 526-1455

TELEX 15-1227

MAIL REMITTANCE IN U.S.  
FUNDS TO:

LEUPOLD & STEVENS, INC.  
PO BOX 4985  
BEAVERTON OR 97076-4985 USA

B  
I  
L  
L  
T  
O  
REMINGTON ARMS CO., INC.  
Attn:THOMAS J. NAGLE  
14 HOEFLER AVE.  
ILION NY 13357

S  
H  
I  
P  
T  
O  
REMINGTON ARMS CO., INC.  
Attn:THOMAS J. NAGLE  
14 HOEFLER AVE.  
ILION NY 13357

|                                                                                                                                                                            |          |                 |            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------|------------|
| Invoice No.                                                                                                                                                                | Date     | Type of Service | Via        |
| 0207192                                                                                                                                                                    | 05/18/00 | CHARGEABLE      | UPS 3DAY   |
| 1 ea ULTRA M3A-10X S/N# 890018                                                                                                                                             |          |                 | Charge     |
| Complaints/Requests<br>SERVICE INSPECTION<br>POINT OF IMPACT                                                                                                               |          |                 | \$25.00    |
| Service Activity:<br>COMPLETE INTERNAL INSPECTION<br>REFILLED/WATER TESTED<br>ALIGNED FOCUS ADJ SCREW<br>MECHANICAL INSPECTION<br>VISUAL INSPECTION 100%<br>CLEANED OPTICS |          |                 |            |
| SHIPPING & HANDLING                                                                                                                                                        |          |                 | \$5.00     |
|                                                                                                                                                                            |          |                 | AMOUNT DUE |
|                                                                                                                                                                            |          |                 | \$30.00    |

## For Customer Use Only:

Charge/Debit Card Payment: ☐ Visa ☐ Master Card Card # \_\_\_\_\_

Expiration Date: \_\_\_\_\_ Signature: \_\_\_\_\_

VALUE FOR CUSTOMS PURPOSES ONLY \$ \_\_\_\_\_ THESE COMMODITIES ARE EXITING THE U.S.A. UNDER GENERAL LICENSE \_\_\_\_\_  
"THESE COMMODITIES LICENSED BY THE UNITED STATES FOR ULTIMATE DESTINATION USA DIVERSION CONTRARY TO  
UNITED STATES LAW PROHIBITED."

EXPORTER/MANUFACTURER: LEUPOLD & STEVENS INC.  
PLACE: BEAVERTON, OREGON USA

ECCN: 0A987

SIGNATURE: \_\_\_\_\_  
NAME: \_\_\_\_\_ EXPORT/INVOICING SPECIALIST

I.D. 93-0372974

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225469  
22 Aug 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.27  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.22  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .348282

THE AMR FOR THIS RIFLE IS: 1.213

### CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .490897 |
| 1 TO | 2 | .331421 |
| 1 TO | 3 | .622547 |
| 1 TO | 4 | .444065 |
| 1 TO | 5 | .819749 |

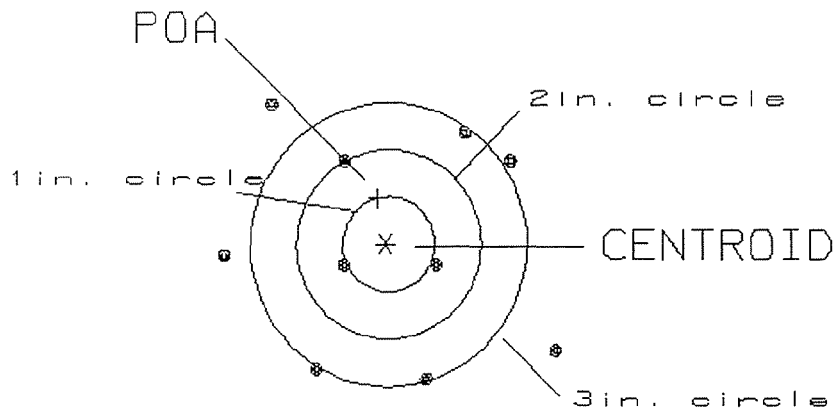
5 + <----POA  
3 4  
2  
1

PATTERN #: ☐ 1 ☐  
 POA TO CENTROID: .491  
 MIN RADIUS : .489  
 MEAN RADIUS : 1.401  
 MAX RADIUS : 2.153  
 CENTROID X : .082  
 CENTROID Y : -.484

22 Aug 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225469.1

# CENTERFIRE PATTERN # 1



# OF SHOTS= 10

# IN CIRCLE

HS= 3.63  
 VS= 2.98  
 GS= 4.08

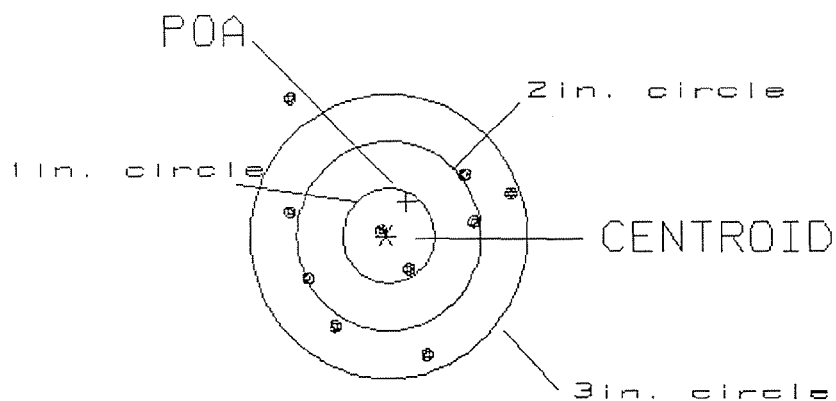
1  
 3  
 5

PATTERN #: 2  
 POA TO CENTROID: .417  
 MIN RADIUS : .102  
 MEAN RADIUS : 1.019  
 MAX RADIUS : 1.791  
 CENTROID X : -.222  
 CENTROID Y : -.352

22 Aug 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225469.1

# CENTERFIRE PATTERN # 2



# OF SHOTS= 10

# IN CIRCLE

HS= 2.39

2

VS= 2.74

4

GS= 3.10

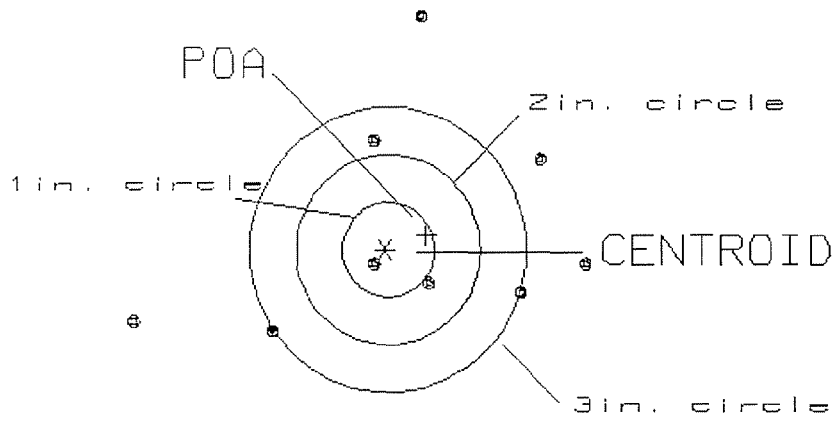
9

PATTERN #: 3  
 POA TO CENTROID: .469  
 MIN RADIUS : .187  
 MEAN RADIUS : 1.672  
 MAX RADIUS : 2.890  
 CENTROID X : -.444  
 CENTROID Y : -.151

22 Aug 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225469.1

# CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 4.99  
 VS= 4.37  
 GS= 5.02

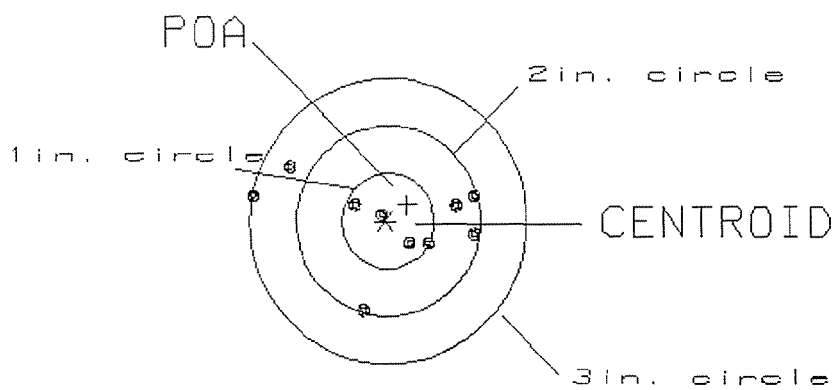
1  
 2  
 5

PATTERN #: 4  
 POA TO CENTROID: .288  
 MIN RADIUS : .119  
 MEAN RADIUS : .767  
 MAX RADIUS : 1.531  
 CENTROID X : -.233  
 CENTROID Y : -.171

22 Aug 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225469.1

# CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 2.46

4

VS= 1.56

6

GS= 2.50

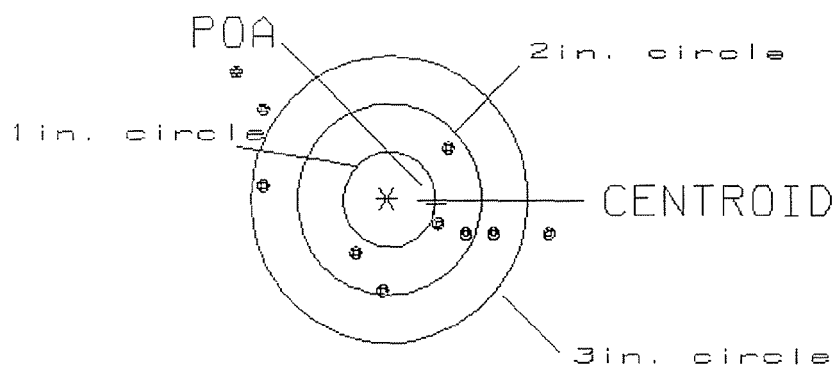
9

PATTERN #: 5  
 POA TO CENTROID: .537  
 MIN RADIUS : .639  
 MEAN RADIUS : 1.207  
 MAX RADIUS : 2.126  
 CENTROID X : -.533  
 CENTROID Y : .058

22 Aug 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225469.1

# CENTERFIRE PATTERN # 5



# OF SHOTS= 10

# IN CIRCLE

HS= 3.39

0

VS= 2.27

5

GS= 3.77

7

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

|                         |  |                 |  |
|-------------------------|--|-----------------|--|
| <b>R &amp; E NUMBER</b> |  | <i>8816</i>     |  |
| <b>SERIAL NUMBER</b>    |  | <i>C6225469</i> |  |
| <b>LOG-IN DATE</b>      |  | <i>4-26-00</i>  |  |

| <b>INSPECT AND VERIFY:</b> |                          |                     |           |
|----------------------------|--------------------------|---------------------|-----------|
| OPERATION #                | OPERATION NAME           | DATE                | INITIAL   |
| 550                        | DIS-ASSEMBLE GUN         | <i>4-27-00</i>      | <i>rw</i> |
| 560 A                      | RE-BARREL AT CUSTOM SHOP |                     |           |
| B                          | DRILL AND TAP            |                     |           |
| C                          | POLISH                   |                     |           |
| 575                        | ASSEMBLE                 |                     |           |
| 600                        | PROOF                    | <i>5-2-00</i>       | <i>rw</i> |
| 605                        | CHECK HEADSPACE          | <i>5-2-00</i>       | <i>rw</i> |
| 610                        | DIS-ASSEMBLE GUN         |                     |           |
| 612                        | MAGNAFLUX                |                     |           |
| 615                        | ROLLMARK CALIBER         |                     |           |
| 618                        | ROTO-BLAST               |                     |           |
| 620                        | APPLY COATINGS           |                     |           |
| 625 A                      | FINAL ASSEMBLY           |                     |           |
| B                          | TRIGGER PULL TEST        |                     |           |
| C                          | SAFETY "ON" FORCE        |                     |           |
| D                          | SAFETY "OFF" FORCE       |                     |           |
| E                          | FIRING PIN INDENT        |                     |           |
| 640                        | TARGET                   | <i>8-21-00</i>      | <i>rw</i> |
| 655                        | FINAL INSPECT            | <i>8-22-00</i>      | <i>rw</i> |
| 660                        | PACK                     |                     |           |
|                            |                          | SHIP DATE           |           |
|                            |                          | QAR INSPECTION DATE |           |

# Final Inspection

S.N: C6225469

DATE REC'D: 4-26-00

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: