

C6225161

MODEL 700™ M24

Model **700 M24™**

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.

*Remington*

## Arms Services Repair &amp; Estimate System

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

## Repair Inquiry

Repair Number: RE00142409

Serial: C6225161 Model M24 SWS Center Fire  
Caliber: 7.62 NATO Produced: 12/20/1988

Repairman:

Verify Repair

Status:

Closed 3/4/2008 7:21:57 AM

## Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name:

Address 1:

Address 2:

PO Box:

City: FORT BRAGG

FORT BRAGG

State: NC

Zip Code: 28310

Country: US

State: NC

Zip Code: 28310

Country: US

FFL:

## Contact / Condition

## Problems

## Estimate

## History / Status

## Shipping / Billing

## Contact Information

Phone: NN

Fax:

Email:

Comments:

## Received Condition

Fair

Condition  
Notes:CSR  
Notes:

## Accessories Received

| Code | Desc                  | Qty |
|------|-----------------------|-----|
| A006 | Sling Strap           | 1   |
| A007 | With Stud             | 3   |
| A008 | With Swivel           | 3   |
| A010 | Hard Case             | 1   |
| A026 | Scope                 | 1   |
| A045 | Bi Pod                | 1   |
| A057 | Fit and Rear Sgt Base | 1   |

## Repair Search

Refresh

Close

naglej

3/4/2008

9:15 AM

CAPS

NUM

Deployment K.T

Serial Number: C6225161

Model: M24 SWS



RE00142409

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225161.\_\_0

FILE DATE AND TIME: 04/04/2008 09:44

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.010 |
| The Average Y Centroid of the Five Target Set:              | 0.144 |
| The Average Point of Impact of the Five Target Set:         | 0.145 |
| The Average Mean Radius of the Five Target Set:             | 0.808 |
| The Distance from POA to Centroid Target #1:                | 0.293 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.422 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.141 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.308 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.489 |

SERIAL NUMBER: C6225161. \_\_0

TARGET NUMBER: 1

FILE DATE: 04/04/2008

FILE TIME: 09:44

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.395  | 1.323  |
| 2:     | 0.730  | 0.533  |
| 3:     | 1.323  | 0.463  |
| 4:     | 1.299  | -0.361 |
| 5:     | 0.719  | -0.402 |
| 6:     | 0.279  | -0.041 |
| 7:     | -0.088 | -0.722 |
| 8:     | -0.595 | -1.583 |
| 9:     | -2.254 | -0.042 |
| 10:    | -0.036 | 1.782  |

X CENTROID: 0.277

Y CENTROID: 0.095

POA TO CENTROID: 0.293

HORZ SPREAD: 3.649

VERT SPREAD: 3.365

GROUP SPREAD: 3.896

MIN RADIUS: 0.136

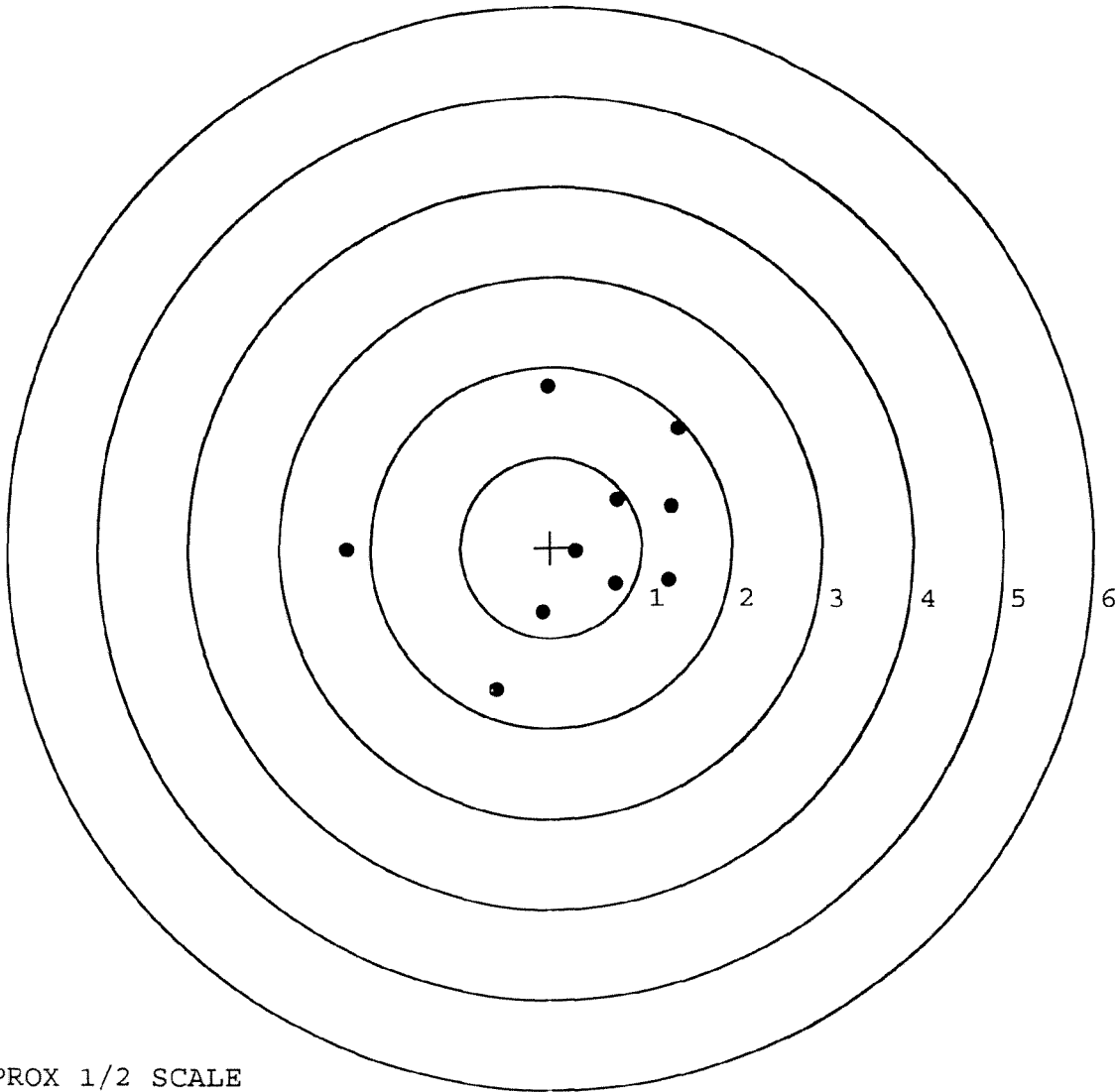
MAX RADIUS: 2.535

MEAN RADIUS: 1.236

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 4

# in 3 IN DIAMETER: 6

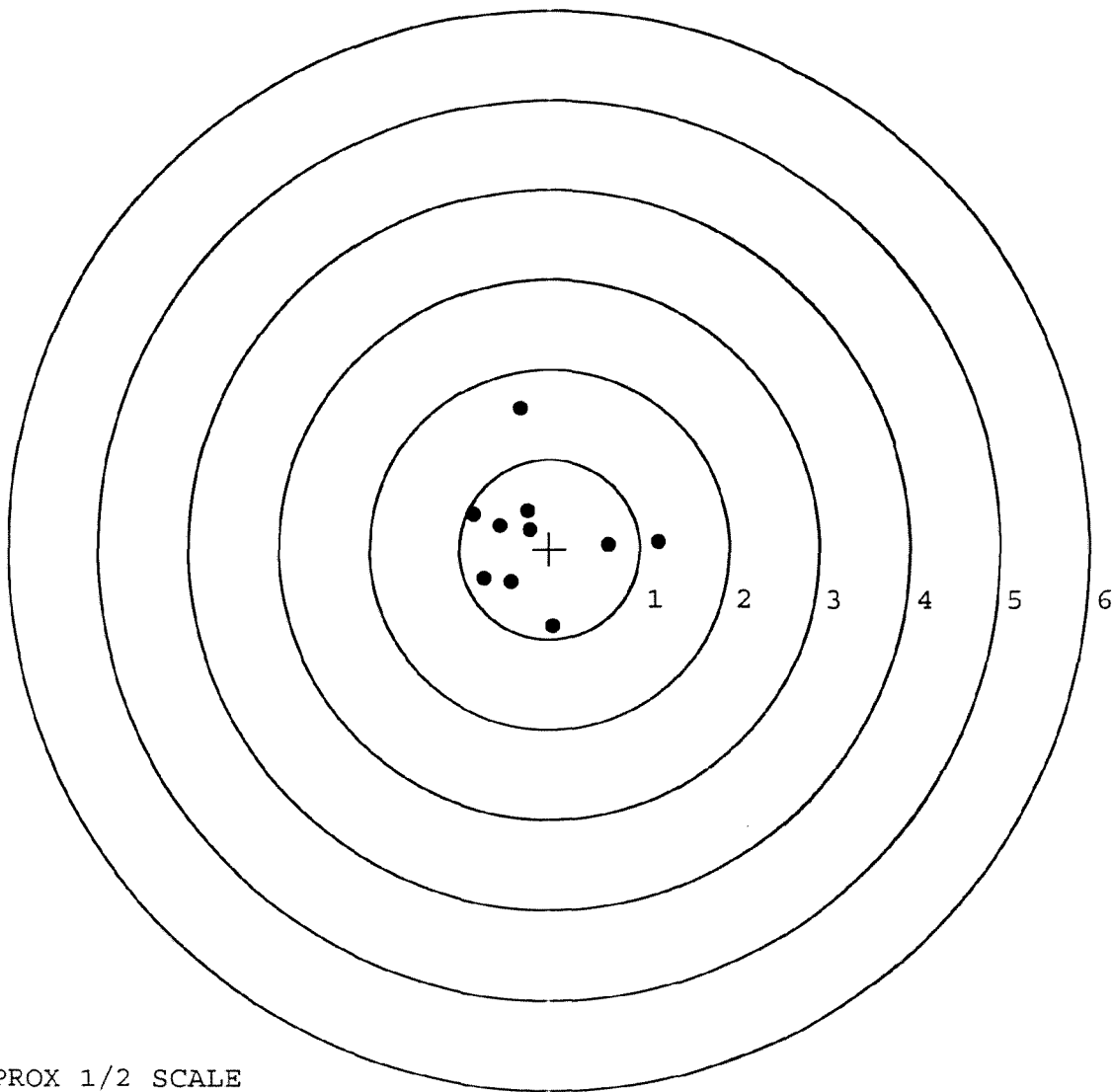


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225161. 0  
 TARGET NUMBER: 2  
 FILE DATE: 04/04/2008  
 FILE TIME: 09:44

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.321 | 1.572  |
| 2:     | 0.653  | 0.049  |
| 3:     | 1.205  | 0.082  |
| 4:     | -0.242 | 0.431  |
| 5:     | -0.215 | 0.220  |
| 6:     | -0.842 | 0.392  |
| 7:     | -0.553 | 0.264  |
| 8:     | -0.726 | -0.329 |
| 9:     | -0.422 | -0.367 |
| 10:    | 0.042  | -0.863 |

X CENTROID: -0.142  
 Y CENTROID: 0.145  
 POA TO CENTROID: 0.203  
 HORZ SPREAD: 2.047  
 VERT SPREAD: 2.435  
 GROUP SPREAD: 2.462  
 MIN RADIUS: 0.105  
 MAX RADIUS: 1.438  
 MEAN RADIUS: 0.753  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 7  
 # in 3 IN DIAMETER: 10

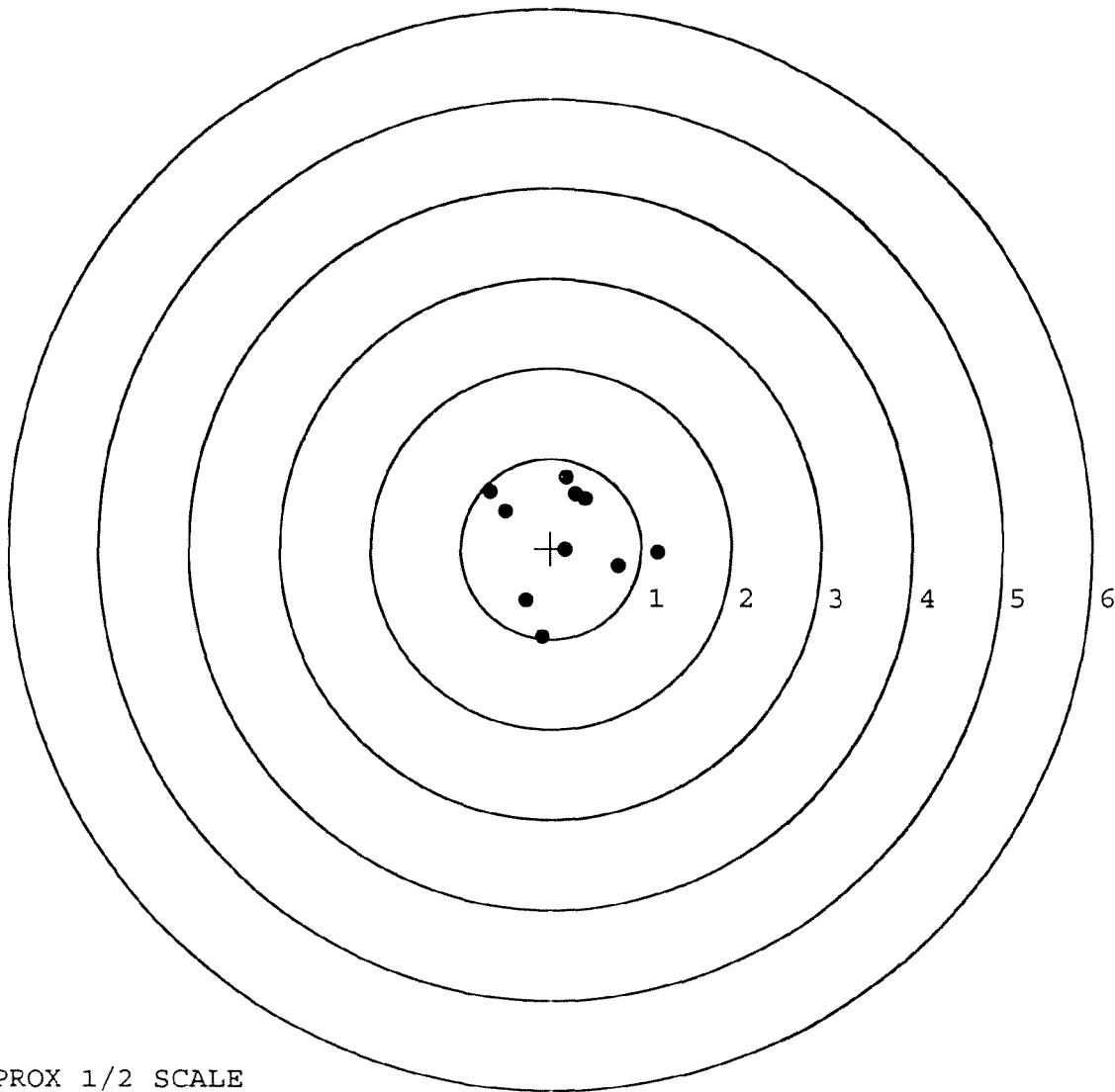


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225161. \_\_0  
 TARGET NUMBER: 3  
 FILE DATE: 04/04/2008  
 FILE TIME: 09:44

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.176  | 0.789  |
| 2:     | 0.382  | 0.560  |
| 3:     | -0.667 | 0.630  |
| 4:     | -0.502 | 0.411  |
| 5:     | 0.155  | -0.019 |
| 6:     | 0.753  | -0.195 |
| 7:     | 1.182  | -0.050 |
| 8:     | -0.277 | -0.578 |
| 9:     | -0.098 | -0.980 |
| 10:    | 0.275  | 0.612  |

X CENTROID: 0.138  
 Y CENTROID: 0.118  
 POA TO CENTROID: 0.181  
 HORZ SPREAD: 1.849  
 VERT SPREAD: 1.769  
 GROUP SPREAD: 1.790  
 MIN RADIUS: 0.138  
 MAX RADIUS: 1.123  
 MEAN RADIUS: 0.717  
 # IN 1 IN DIAMETER: 1  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 10

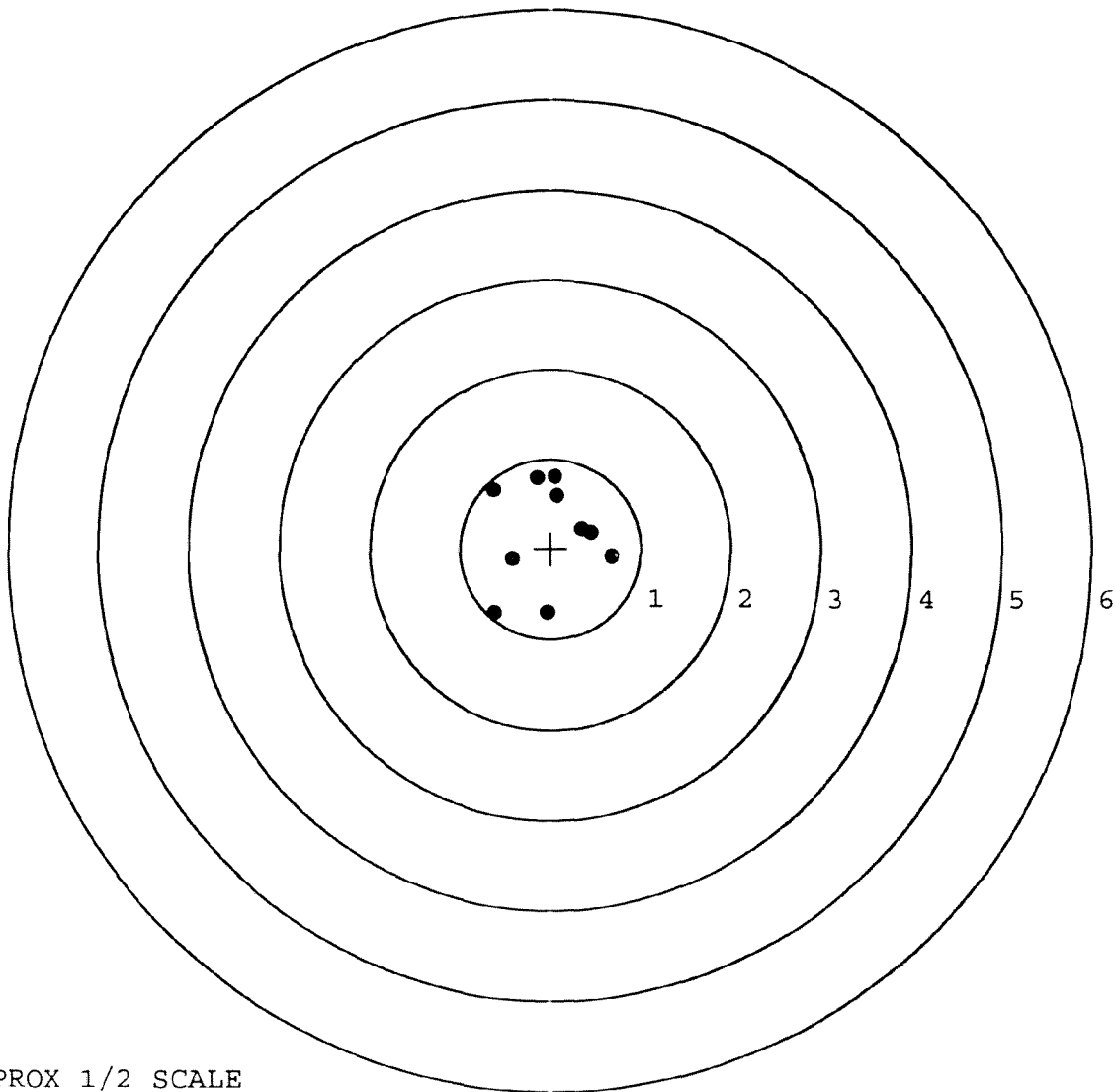


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225161. 0  
 TARGET NUMBER: 4  
 FILE DATE: 04/04/2008  
 FILE TIME: 09:44

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.142 | 0.787  |
| 2:     | 0.059  | 0.803  |
| 3:     | 0.074  | 0.592  |
| 4:     | -0.628 | 0.655  |
| 5:     | 0.352  | 0.228  |
| 6:     | 0.682  | -0.089 |
| 7:     | -0.416 | -0.116 |
| 8:     | -0.040 | -0.711 |
| 9:     | -0.624 | -0.711 |
| 10:    | 0.450  | 0.191  |

X CENTROID: -0.023  
 Y CENTROID: 0.163  
 POA TO CENTROID: 0.165  
 HORZ SPREAD: 1.310  
 VERT SPREAD: 1.514  
 GROUP SPREAD: 1.661  
 MIN RADIUS: 0.381  
 MAX RADIUS: 1.060  
 MEAN RADIUS: 0.652  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0009696**

SERIAL NUMBER: C6225161. \_\_ 0

TARGET NUMBER: 5

FILE DATE: 04/04/2008

FILE TIME: 09:44

X CENTROID: -0.200

Y CENTROID: 0.201

POA TO CENTROID: 0.284

HORZ SPREAD: 1.322

VERT SPREAD: 1.728

GROUP SPREAD: 1.935

MIN RADIUS: 0.370

MAX RADIUS: 1.236

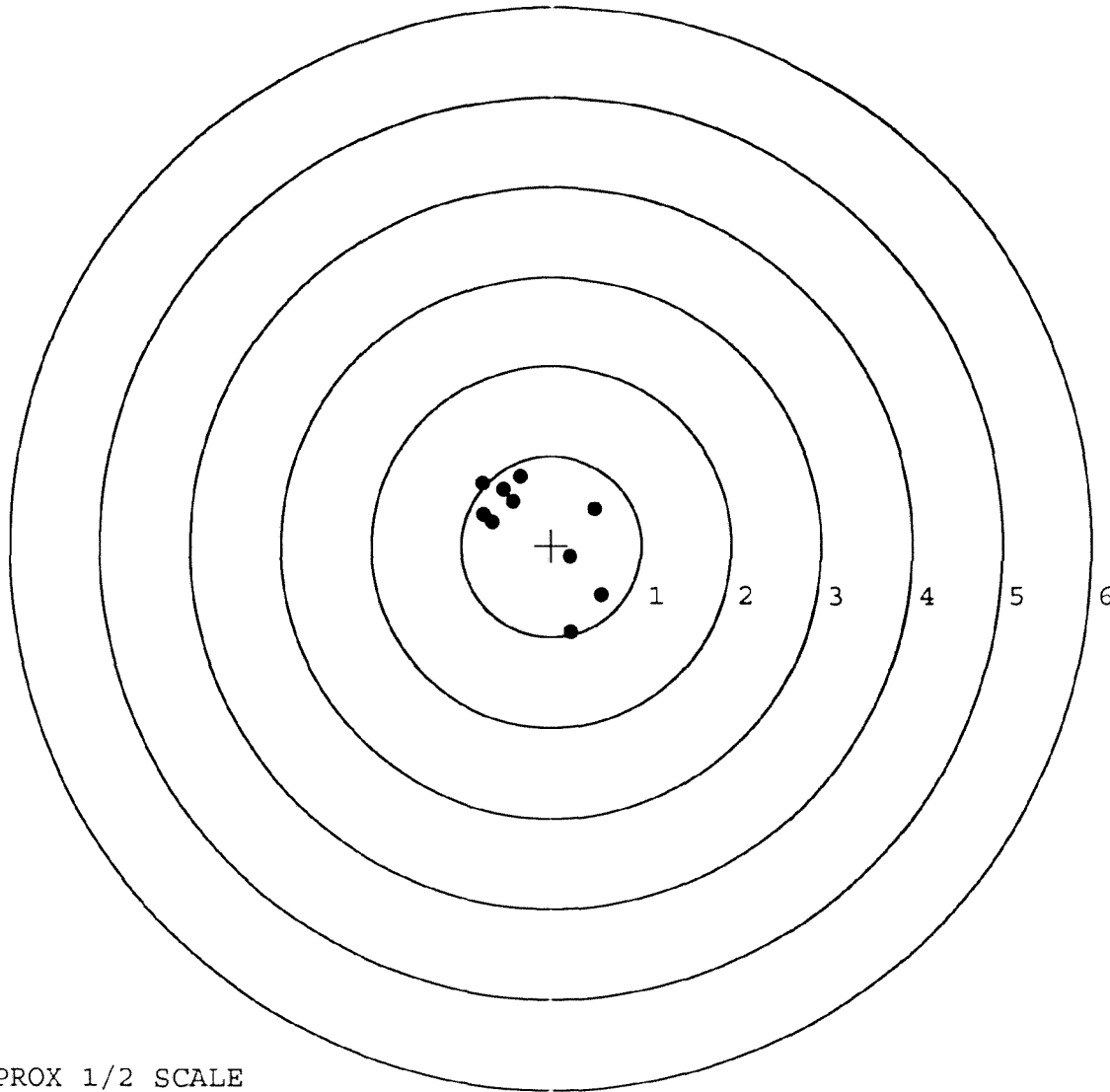
MEAN RADIUS: 0.684

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.346 | 0.769  |
| 2:     | -0.762 | 0.706  |
| 3:     | -0.531 | 0.630  |
| 4:     | -0.759 | 0.357  |
| 5:     | 0.483  | 0.414  |
| 6:     | 0.209  | -0.129 |
| 7:     | 0.560  | -0.542 |
| 8:     | 0.224  | -0.959 |
| 9:     | -0.422 | 0.498  |
| 10:    | -0.659 | 0.271  |



TARGET APPROX 1/2 SCALE

NMP COPY 2

Tom Nagle  
315-895-3289

M-24 INSPECTION CHECKLIST  
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER 00142409SERIAL NUMBER C6225161LOG-IN DATE 3-3-08

| OPERATION # | OPERATION NAME       |                                                                                                                                         | DATE                            | INITIAL |
|-------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|---------|
| 500         | DIS-ASSEMBLE GUN     |                                                                                                                                         | 3-11-08                         | SPD     |
| 505         | RE-BARREL            |                                                                                                                                         | 3-12-08                         | SPD     |
| 560         | ASSEMBLE             |                                                                                                                                         | 3-12-08                         | SPD     |
| 600         | PROOF                | <div style="border: 1px solid black; padding: 5px; text-align: center;"> MAGNA - FLUX<br/> APR 14 2008<br/> OPERATOR <u>unms</u> </div> | 3-13-08                         | TRW     |
| 605         | CHECK HEADSPACE      |                                                                                                                                         | 3-13-08                         | TRW     |
| 610         | DIS-ASSEMBLE GUN     |                                                                                                                                         | 3-13-08                         | SPD     |
| 612         | MAGNAFLUX            |                                                                                                                                         | 3-14-08                         | unms    |
| 510         | DRILL AND TAP        |                                                                                                                                         | 3-13-08                         | Fm      |
| 615         | ROLLMARK CALIBER     |                                                                                                                                         | 3-13-08                         | CN      |
| 618         | ROTO-BLAST           |                                                                                                                                         | 3-14-08                         | DG      |
| 620         | APPLY COATINGS       |                                                                                                                                         | 3-26-08                         | HP      |
| 625         | FINAL ASSEMBLY       |                                                                                                                                         | 4-1-08                          | RTZ     |
| 640         | FUNCTION TEST AND    | (PASS) FAIL                                                                                                                             | 4-4-08                          | TRW     |
| 650         | TARGET               | (PASS) FAIL                                                                                                                             | 4-4-08                          | TRW     |
|             | MALFUNCTION          | CORRECTION                                                                                                                              |                                 |         |
|             | MALFUNCTION          | CORRECTION                                                                                                                              |                                 |         |
|             | MALFUNCTION          | CORRECTION                                                                                                                              |                                 |         |
|             | MALFUNCTION          | CORRECTION                                                                                                                              | 4-4-08                          | SD      |
| 670         | FINAL INSPECTION     |                                                                                                                                         |                                 |         |
|             | A) HEADSPACE         | (PASS) FAIL                                                                                                                             | 4/8/08                          | Fm      |
|             | B) TRIGGER PULL      | +/- .5 LBS<br>MIN 2.50 LBS<br>MAX 4.0 LBS                                                                                               | 2.93 2.87 2.93 2.95 2.96 4/7/08 | Fm      |
| 680         | F) SAFETY ON FORCE   | 2 LBS MIN<br>10 LBS MAX<br>2 LBS<br>FAIL                                                                                                | 5.0 5.0 5.0 4/8/08              | Fm      |
|             | G) SAFETY OFF FORCE  |                                                                                                                                         | 3. 3. 3. 4/8/08                 | Fm      |
|             | I) FIRING PIN INDENT | .020                                                                                                                                    | .022 .021 .022 4/8/08           | Fm      |
| 690         | PACK                 |                                                                                                                                         | 4/10/08                         | Fm      |

To whom it may concern,

My name is SFC McGrath, Christopher from ODA7315. I had just spoken with one of your representatives about this situation and he had said you could assist in this problem. We will be deploying in the upcoming months and we currently have two Sniper Deployment cases and they are in the need of some serious refurbishing. We have had these cases for some years now and have been through numerous deployments and training exercises, and they have seen better days. The ODA would greatly appreciate it if you could assist us in this manner. If there are any questions please call at 910-432-8978. ODA 7315 thanks you for the assistance in this manner.

CO A

2 deployment Kits

C 622 5050

C 622 5161

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225161

SCOPE # 1128

| OP. #        | OP. NAME                                                       | READINGS | DATE     | INITIAL |
|--------------|----------------------------------------------------------------|----------|----------|---------|
| 575 &<br>580 | Assemble Action<br>and stock                                   | 8        | 9/88     | FB      |
| 600          | Proof                                                          | 9        | 7/88     | RW      |
| 607          | Check Headspace                                                | 9        | 7/88     | RW      |
| 610          | Dis-assemble gun                                               | 9        | 7/88     | RW      |
| 612          | Magnaflux Barrel<br>Action                                     |          | 9-14-88  | PJC.    |
|              | Magnaflux Bolt                                                 |          | 9-14-88  | PJC-    |
| 615          | Rollmark Caliber                                               |          |          |         |
| 617          | Drill & Tap Sight Holes                                        |          |          |         |
| 618          | Polish Barrel                                                  |          |          |         |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 10-31-88 | TJA     |
|              | Apply Coatings (Bolt)                                          |          | 10-31-88 | TJA     |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 11/7/88  | RW      |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 11/7/88  | RW      |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 11/7/88  | RW      |

OVER

| OP.#         |                                                             | READINGS            | DATE      | INITIAL |
|--------------|-------------------------------------------------------------|---------------------|-----------|---------|
| 625<br>cont. | D) Oil Firing Pin Ass'y                                     |                     | 11/7/88   | RW      |
|              | E) Adjust Trigger Pull to Min. Setting and Stake            |                     | 9 NOV 88  | JL      |
|              | F) Safety on Force                                          | 6   5   5           | 9 NOV 88  | JL      |
|              | G) Safety off Force                                         | 3   3   3           | 9 NOV 88  | JL      |
|              | H) Trigger Pull Test & Retainability                        |                     | 9 NOV 88  | JL      |
|              | I) Firing Pin Indent                                        | .020   .020   .0205 | 9 NOV 88  | JL      |
|              | J) Assemble Stock                                           |                     | 11/16/88  | RW      |
|              | K) Assemble Swivel Studs                                    |                     | 1 Dec 88  | JL      |
|              | L) Attach Front & Rear Sight Assemblies                     |                     | 11/16/88  | RW      |
|              | M) Iron Sight Alignment                                     |                     | 11/16/88  | RW      |
|              | N) Detach Front & Rear Sights & place in numbered container |                     | 11/16/88  | RW      |
|              | O) Attach Scope to Rifle                                    |                     | 11/18/88  | WB      |
|              | P) Detach & Attach Scope 20 times                           |                     | 11/18/88  | WB      |
| 640          | Gallery Target & Test                                       | 55 R 96L            | 11/29/88  | DH      |
|              | A) Optical Clarity of Scope                                 |                     | 11/29/88  | DH      |
| 645          | Inspect for Live Ammo                                       |                     | 11/29/88  | DH      |
| 655          | Final Inspection                                            |                     |           |         |
|              | A) Headspace                                                |                     | 1 Dec 88  | JL      |
|              | B) Trigger Pull                                             |                     | 1 Dec 88  | JL      |
|              | C) Function                                                 |                     | 1 Dec 88  | JL      |
| 660          | Pack                                                        |                     | 14 Dec 88 | JL      |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C 6225761DATE 11-9-88TESTER JH

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-------|------------------------------------------------------------------------|
| PULL #1 | 2.58             | 2.40                     | 2.52                           | 2.65  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.47             | 2.36                     | 2.52                           | 2.66  |                                                                        |
| PULL #3 | 2.44             | 2.39                     | 2.52                           | 2.66  |                                                                        |
| PULL #4 | 2.47             | 2.40                     | 2.55                           | 2.63  |                                                                        |
| PULL #5 | 2.45             | 2.37                     | 2.53                           | 2.65  |                                                                        |
| TOTAL   | 12.41            | 11.92                    | 12.64                          | 13.25 |                                                                        |
| AVG.    | 2.482            | 2.384                    | 2.528                          | 2.65  |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.25             | 3.24                     |  |          |
| PULL #2 | 3.24             | 3.29                     |  |          |
| PULL #3 | 3.26             | 3.29                     |  |          |
| PULL #4 | 3.20             | 3.26                     |  |          |
| PULL #5 | 3.21             | 3.27                     |  |          |
| TOTAL   | 16.16            | 16.25                    |  |          |
| AVG.    | 3.232            | 3.25                     |  |          |

|         | 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 | 4.28             | 4.22                     |                                | 4.26                                 |
| PULL #2 | 4.24             | 4.26                     |                                | 4.08                                 |
| PULL #3 | 4.20             | 4.31                     |                                | 4.23                                 |
| PULL #4 | 4.21             | 4.27                     |                                | 4.27                                 |
| PULL #5 | 4.27             | 4.30                     |                                | 4.29                                 |
| TOTAL   | 21.20            | 21.36                    |                                | 21.13                                |
| AVG.    | 4.24             | 4.272                    |                                | 4.226                                |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6225161

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .713471 |
| 1 TO | 2 | .220731 |
| 1 TO | 3 | .596581 |
| 1 TO | 4 | 1.25252 |
| 1 TO | 5 | 1.57776 |

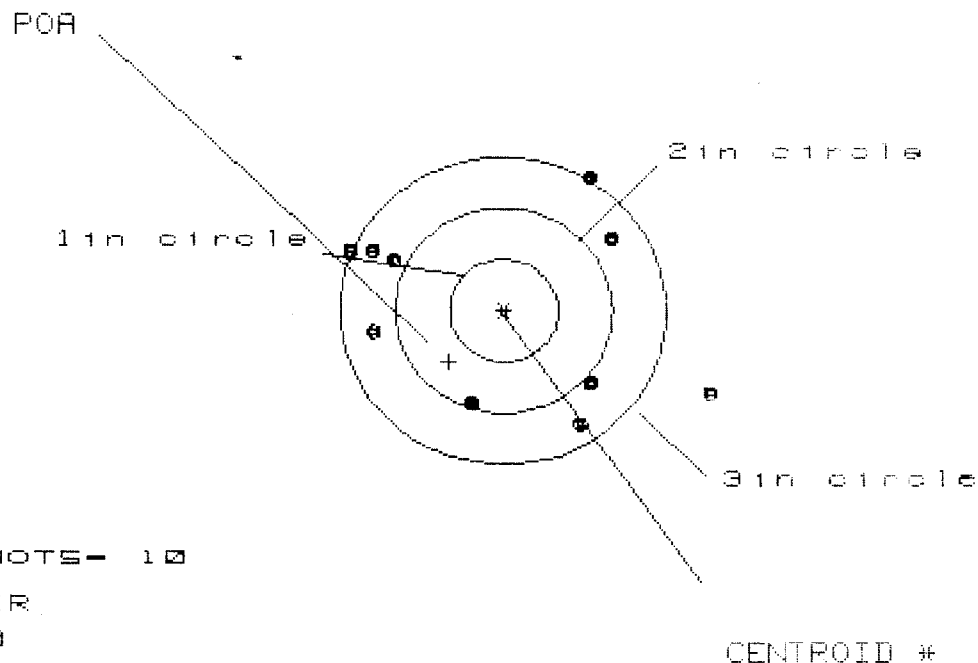
$\begin{matrix} 4 & 3 \\ 5 & 21 \end{matrix}$   
 + (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.195  
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .6386  
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .667799  
 THE AMR FOR THIS RIFLE IS: 1.061

29 Nov 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/062251BJ

## CENTERFIRE PATTERNS # 1



# OF SHOTS - 10

# IN CIR

1in = 0

2in = 1

3in = 8

HS = 3.243

VS = 2.388

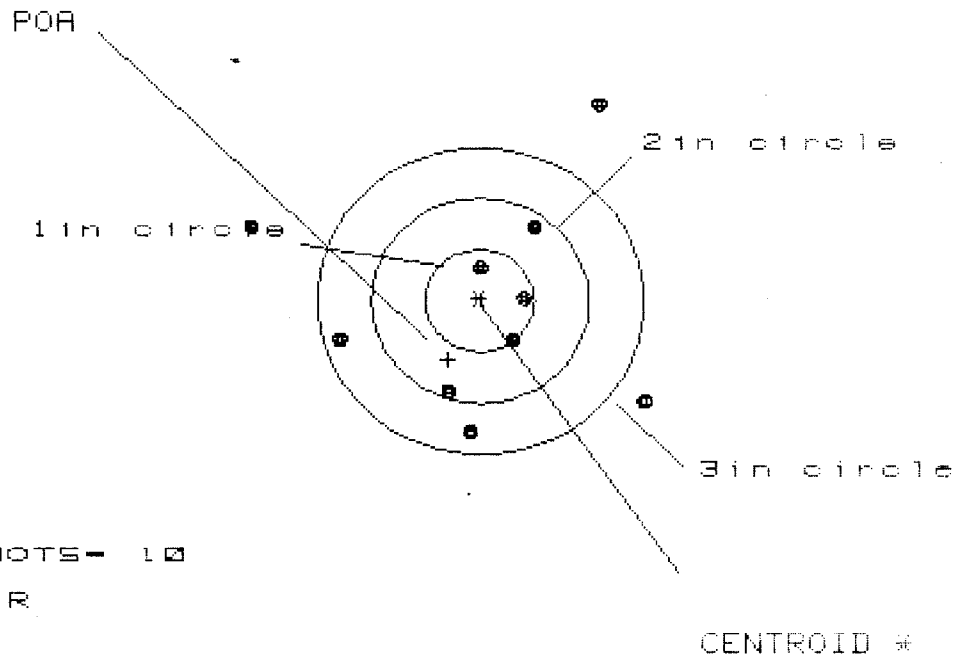
GS = 3.535

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.878  | 1.178  | 1.303  |
| MINIMUM X                     | -1.365 | -1.156 | -1.031 |
| MAXIMUM Y                     | 1.277  | 1.189  | .802   |
| MINIMUM Y                     | -1.111 | -1.199 | -1.050 |
| CENTROID X                    | .504   | .295   | .170   |
| CENTROID Y                    | .505   | .593   | .444   |
| POA TO CENTROID in.           | .713   | .662   | .476   |
| MIN RADIUS                    | .937   | .921   | .829   |
| MEAN RADIUS                   | 1.332  | 1.228  | 1.158  |
| MAX RADIUS                    | 2.039  | 1.554  | 1.530  |
| HORIZONTAL SPREAD             | 3.243  | 2.334  | 2.334  |
| VERTICAL SPREAD               | 2.388  | 2.388  | 1.852  |
| EXTREME SPREAD                | 3.535  | 2.669  | 2.669  |
| NUMBER IN ONE INCH CIRCLE =   | 0      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 1      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 8      |        |        |

29 Nov 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C6225161

## CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1 in = 3

2 in = 5

3 in = 7

HS= 3.640

VS= 3.268

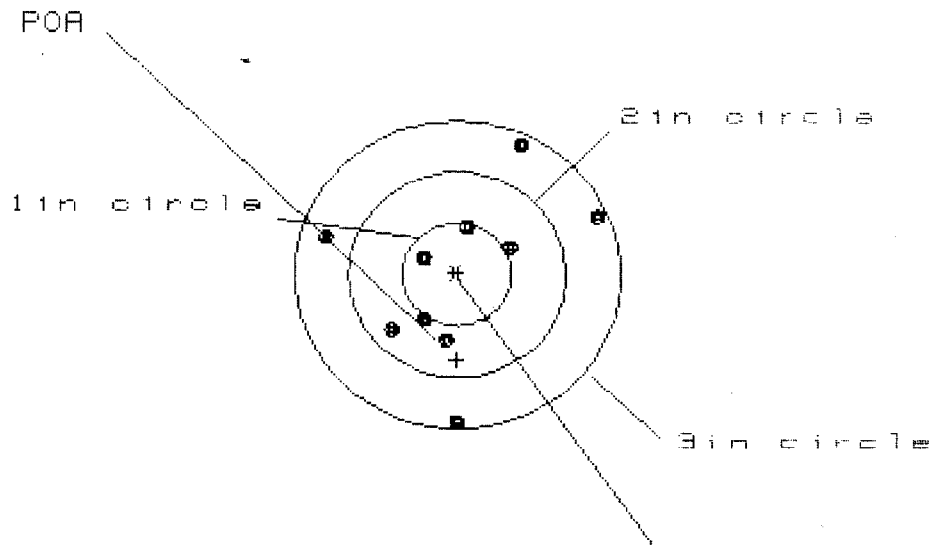
GS= 3.997

| PATTERN #                     | 2      | 9      | 8      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.512  | 1.637  | 1.386  |
| MINIMUM X                     | -2.128 | -2.003 | -1.446 |
| MAXIMUM Y                     | 1.960  | .958   | 1.074  |
| MINIMUM Y                     | -1.308 | -1.090 | -.974  |
| CENTROID X                    | .295   | .170   | .421   |
| CENTROID Y                    | .576   | .358   | .242   |
| POA TO CENTROID in.           | .647   | .396   | .485   |
| MIN RADIUS                    | .361   | .482   | .210   |
| MEAN RADIUS                   | 1.195  | 1.078  | .887   |
| MAX RADIUS                    | 2.260  | 2.207  | 1.514  |
| HORIZONTAL SPREAD             | 3.640  | 3.640  | 2.832  |
| VERTICAL SPREAD               | 3.268  | 2.048  | 2.048  |
| EXTREME SPREAD                | 3.997  | 3.997  | 2.897  |
| NUMBER IN ONE INCH CIRCLE =   | 3      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 5      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 7      |        |        |

29 Nov 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C6225161

## CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.479

VS= 2.683

GS= 2.744

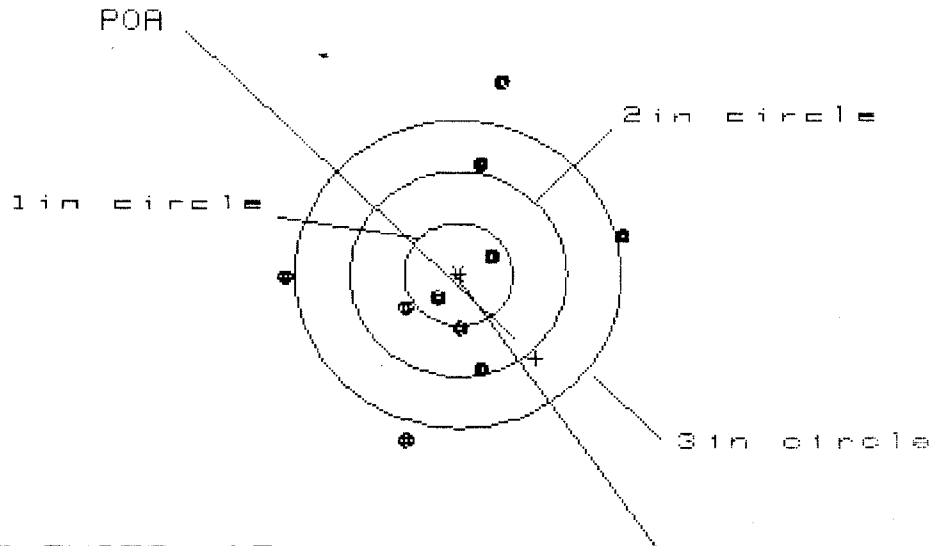
CENTROID \*

| PATTERN #                   | : | 3      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.315  | 1.314  | .727   |
| MINIMUM X                   | : | -1.164 | -1.165 | -1.001 |
| MAXIMUM Y                   | : | 1.247  | 1.088  | 1.134  |
| MINIMUM Y                   | : | -1.435 | -1.780 | -1.734 |
| CENTROID X                  | : | .007   | .008   | -.156  |
| CENTROID Y                  | : | .835   | .994   | .948   |
| POA TO CENTROID in.         | : | .835   | .994   | .961   |
| MIN RADIUS                  | : | .361   | .336   | .173   |
| MEAN RADIUS                 | : | .883   | .816   | .723   |
| MAX RADIUS                  | : | 1.436  | 1.364  | 1.347  |
| HORIZONTAL SPREAD           | : | 2.479  | 2.479  | 1.728  |
| VERTICAL SPREAD             | : | 2.683  | 1.868  | 1.868  |
| EXTREME SPREAD              | : | 2.744  | 2.487  | 2.131  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |        |

29 Nov 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/06225161

## CENTERFIRE PATTERNS # 4



# OF SHOTS- 10

# IN CIR

1 in - 3

2 in - 5

3 in - 6

HS= 3.036

VS= 3.466

GS= 3.576

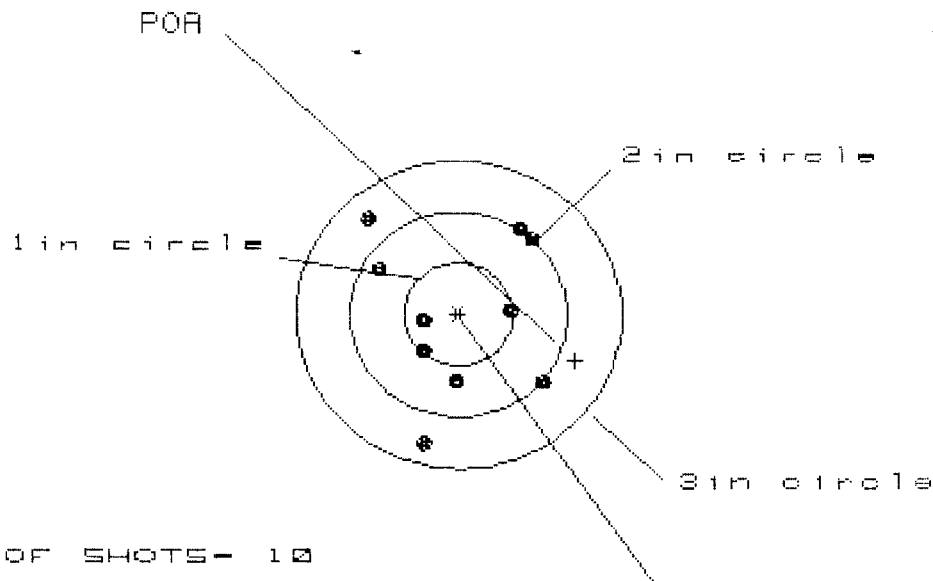
CENTROID \*

| PATTERN #                   | : | 4      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.480  | 1.526  | 1.474  |
| MINIMUM X                   | : | -1.556 | -1.510 | -1.561 |
| MAXIMUM Y                   | : | 1.889  | 1.321  | 1.151  |
| MINIMUM Y                   | : | -1.577 | -1.367 | -0.878 |
| CENTROID X                  | : | -0.708 | -0.754 | -0.703 |
| CENTROID Y                  | : | .821   | .611   | .731   |
| POA TO CENTROID in.         | : | 1.084  | .970   | 1.051  |
| MIN RADIUS                  | : | .351   | .192   | .326   |
| MEAN RADIUS                 | : | 1.055  | .910   | .865   |
| MAX RADIUS                  | : | 1.935  | 1.639  | 1.562  |
| HORIZONTAL SPREAD           | : | 3.036  | 3.036  | 3.036  |
| VERTICAL SPREAD             | : | 3.466  | 2.688  | 2.029  |
| EXTREME SPREAD              | : | 3.576  | 3.066  | 3.066  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 6      |        |

29 Nov 1986

FILE:/PATTERNING/CENTERFIRE\_PATT/06225161

## CENTERFIRE PATTERNS # 5



# OF SHOTS - 10

# IN CIR

1 in = 2

2 in = 6

3 in = 10

HS = 1.641

VS = 2.244

GS = 2.343

CENTROID \*

| PATTERN #                   | : | 5      |        |       |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | .804   | .711   | .665  |
| MINIMUM X                   | : | -.837  | -.843  | -.889 |
| MAXIMUM Y                   | : | .993   | .978   | .836  |
| MINIMUM Y                   | : | -1.251 | -1.141 | -.711 |
| CENTROID X                  | : | -1.073 | -.980  | -.934 |
| CENTROID Y                  | : | .456   | .346   | .488  |
| POA TO CENTROID in.         | : | 1.166  | 1.039  | 1.054 |
| MIN RADIUS                  | : | .291   | .357   | .296  |
| MEAN RADIUS                 | : | .840   | .778   | .726  |
| MAX RADIUS                  | : | 1.299  | 1.200  | .974  |
| HORIZONTAL SPREAD           | : | 1.641  | 1.554  | 1.554 |
| VERTICAL SPREAD             | : | 2.244  | 2.119  | 1.547 |
| EXTREME SPREAD              | : | 2.343  | 2.287  | 1.907 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |       |

**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: **RE00014556** Serial: **C6225161** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SW5)** Repairman:  Status: **Closed 9/27/00 2:30:35 PM**

**Address Information**

Customer: ☒ Received From Return To: ☐ Received From

Name: **HSC 3RD BN 3RD SFG (A)** **HSC 3RD BN 3RD SFG (A)**

Address 1: **BLDG J 2050** **BLDG J 2050**

Address 2:  PO Box:   PO Box:

City: **FORT BRAGG** **FORT BRAGG**

State: **NC** Zip Code: **28310** Country: **US** State: **NC** Zip Code: **28310** Country: **US**

FFL:

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

**Contact Information**

Phone:

Fax:

Email:

Comments:

**Received Condition**

Foot:

Condition Notes:

CSR Notes:

**Accessories Received**

| Code | Desc         | Qty |
|------|--------------|-----|
| A007 | With Stud    | 1   |
| A009 | With Swivel  | 1   |
| A016 | Scope Mounts | 1   |
| A017 | Scope Base   | 1   |
| A026 | Scope        | 1   |

**Repair Search Refresh Close**

Start Inbo Nagl Expl Micr Part Ar Dme Print 7:23 AM

Serial Number: **C6225161**

Model: **700**



**RE00014556**

*BBL - 96003*

## Final Inspection

S.N. C6225161

DATE REC'D: 9-26-00

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:

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

[illegible]

**BARBER - M24 0009712**

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225161  
23 Oct 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1428

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1398

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .19984

THE AMR FOR THIS RIFLE IS: 1.115

**CENTROIDAL DISTANCES**

|        |         |
|--------|---------|
| Ø TO 1 | .280118 |
| 1 TO 2 | .551    |
| 1 TO 3 | .723401 |
| 1 TO 4 | .542322 |
| 1 TO 5 | .534754 |

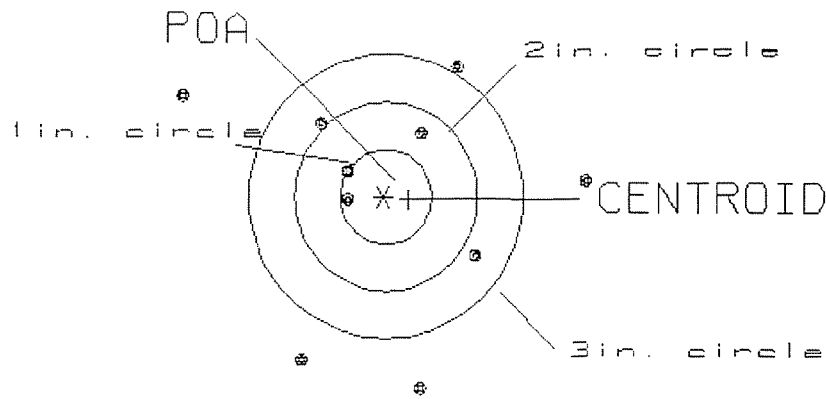
1 + 3<----POA  
2 4

PATTERN #: ☐ 1 ☐  
 POA TO CENTROID: .280  
 MIN RADIUS : .406  
 MEAN RADIUS : 1.406  
 MAX RADIUS : 2.487  
 CENTROID X : -.279  
 CENTROID Y : .025

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225161

# CENTERFIRE PATTERN # 1



# OF SHOTS= 10

# IN CIRCLE

HS= 4.39

2

VS= 3.44

3

GS= 4.48

5

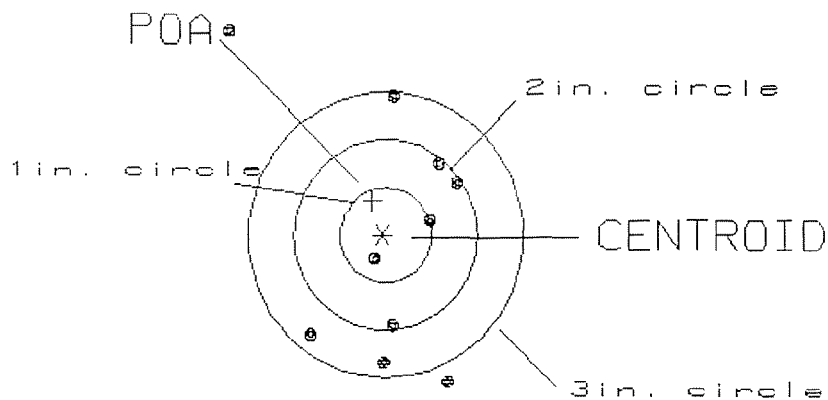
PATTERN #: 2

POA TO CENTROID: .375  
 MIN RADIUS : .267  
 MEAN RADIUS : 1.229  
 MAX RADIUS : 2.790  
 CENTROID X : .120  
 CENTROID Y : -.355

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225161

# CENTERFIRE PATTERN # 2



# OF SHOTS= 10

# IN CIRCLE

HS= 2.53

2

VS= 3.70

5

GS= 4.42

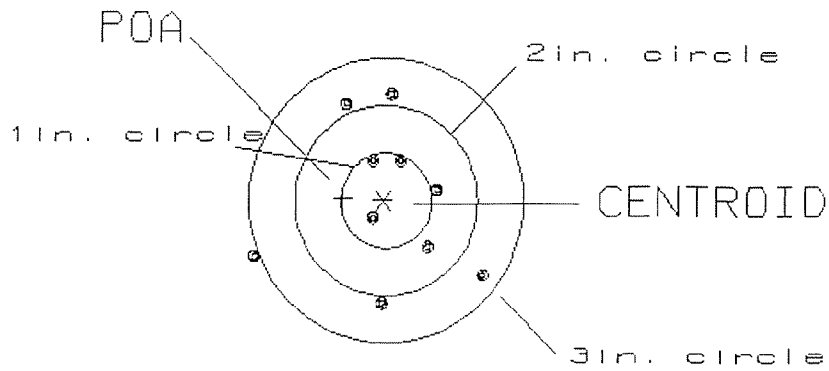
8

PATTERN #: 3  
 POA TO CENTROID: .444  
 MIN RADIUS : .257  
 MEAN RADIUS : .845  
 MAX RADIUS : 1.529  
 CENTROID X : .443  
 CENTROID Y : -.020

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225161

# CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 2.46

3

VS= 2.16

5

GS= 2.47

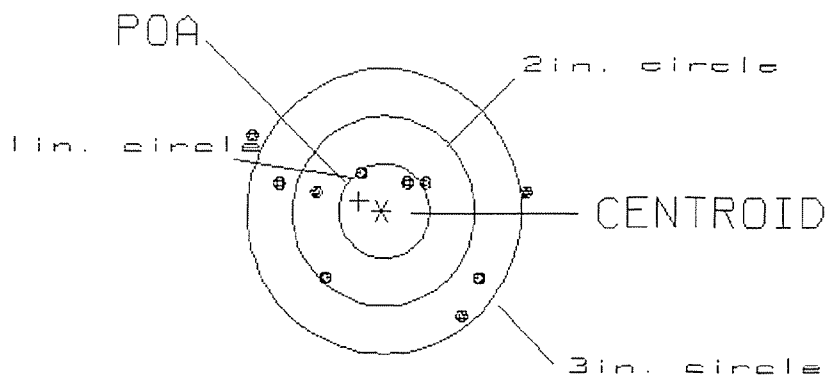
9

PATTERN #: ☐ 4 ☐  
 POA TO CENTROID: .268  
 MIN RADIUS : .388  
 MEAN RADIUS : 1.021  
 MAX RADIUS : 1.679  
 CENTROID X : .248  
 CENTROID Y : -.103

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225161

# CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 3.02

2

VS= 1.90

5

GS= 3.08

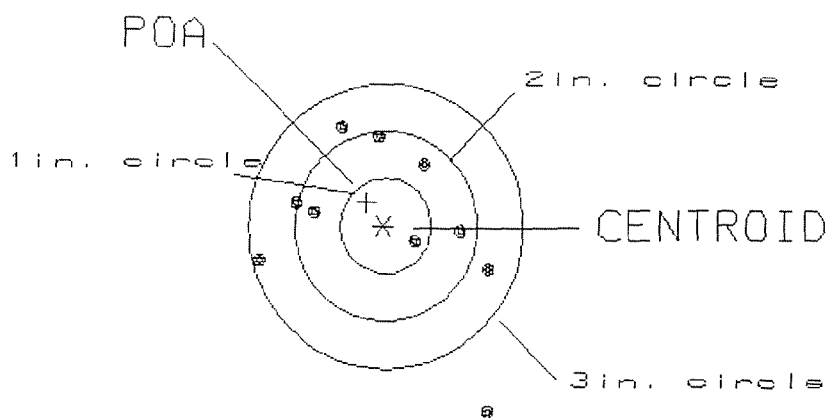
8

PATTERN #: ☐ 5 ☐  
 POA TO CENTROID: .306  
 MIN RADIUS : .357  
 MEAN RADIUS : 1.072  
 MAX RADIUS : 2.248  
 CENTROID X : .182  
 CENTROID Y : -.246

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225161

## CENTERFIRE PATTERN # 5



# OF SHOTS= 10

# IN CIRCLE

HS= 2.50

1

VS= 3.00

5

GS= 3.37

9