

C6225073

MODEL 700™ M24

Model 700 M24™

Action \_\_\_\_\_

Barrel Length \_\_\_\_\_

Capacity \_\_\_\_\_

Order No. 5716

\*Includes 1 in chamber.



Repair Number: RE00085919

Serial: C6225073 Model: M24 SWS Center Fire  
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 10/4/2004 10:51:27 AM

## Address Information

| Customer   |                        | Received From | Return To              | Received From |
|------------|------------------------|---------------|------------------------|---------------|
| Name:      | TRANSPORTATION OFFICER |               | TRANSPORTATION OFFICER |               |
| Address 1: | SENSITIVE STORAGE      |               | SENSITIVE STORAGE      |               |
| Address 2: | BLDG 9660              | PO Box:       | BLDG 9660              | PO Box:       |
| City:      | FORT LEWIS             |               | FORT LEWIS             |               |
| State:     | WA                     | Zip Code:     | 98433                  | Country:      |
|            |                        |               | US                     |               |

FFL:

## Contact / Condition

## Problems

## Estimate

## History / Status

## Shipping / Billing

## Contact Information

Phone: 253-967-5516

Fax:

Email:

Comments:

## Received Condition

Fair

Condition Notes:

CSR Notes:

## Accessories Received

| Code | Desc        | Qty |
|------|-------------|-----|
| A007 | With Studs  | 3   |
| A017 | Scope Bases | 3   |

Repair Search

Refresh

Close

naqlej

10/4/2004

11:26 AM

CAPS

NUM

JMS

SCRL

start

3

4

Arms Services

4

M

Serial Number: C6225073

Model: M24 SWS



RE00085919

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225073.\_\_\_0  
FILE DATE AND TIME: 11/08/2004 07:47

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.009 |
| The Average Y Centroid of the Five Target Set:              | 0.019 |
| The Average Point of Impact of the Five Target Set:         | 0.021 |
| The Average Mean Radius of the Five Target Set:             | 0.770 |
| The Distance from POA to Centroid Target #1:                | 0.130 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.147 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.184 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.126 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.206 |

**BARBER - M24 0048273**

SERIAL NUMBER: C6225073. \_\_0

TARGET NUMBER: 1

FILE DATE: 11/08/2004

FILE TIME: 07:47

X CENTROID: 0.080

Y CENTROID: 0.102

POA TO CENTROID: 0.130

HORZ SPREAD: 1.703

VERT SPREAD: 2.174

GROUP SPREAD: 2.197

MIN RADIUS: 0.282

MAX RADIUS: 1.140

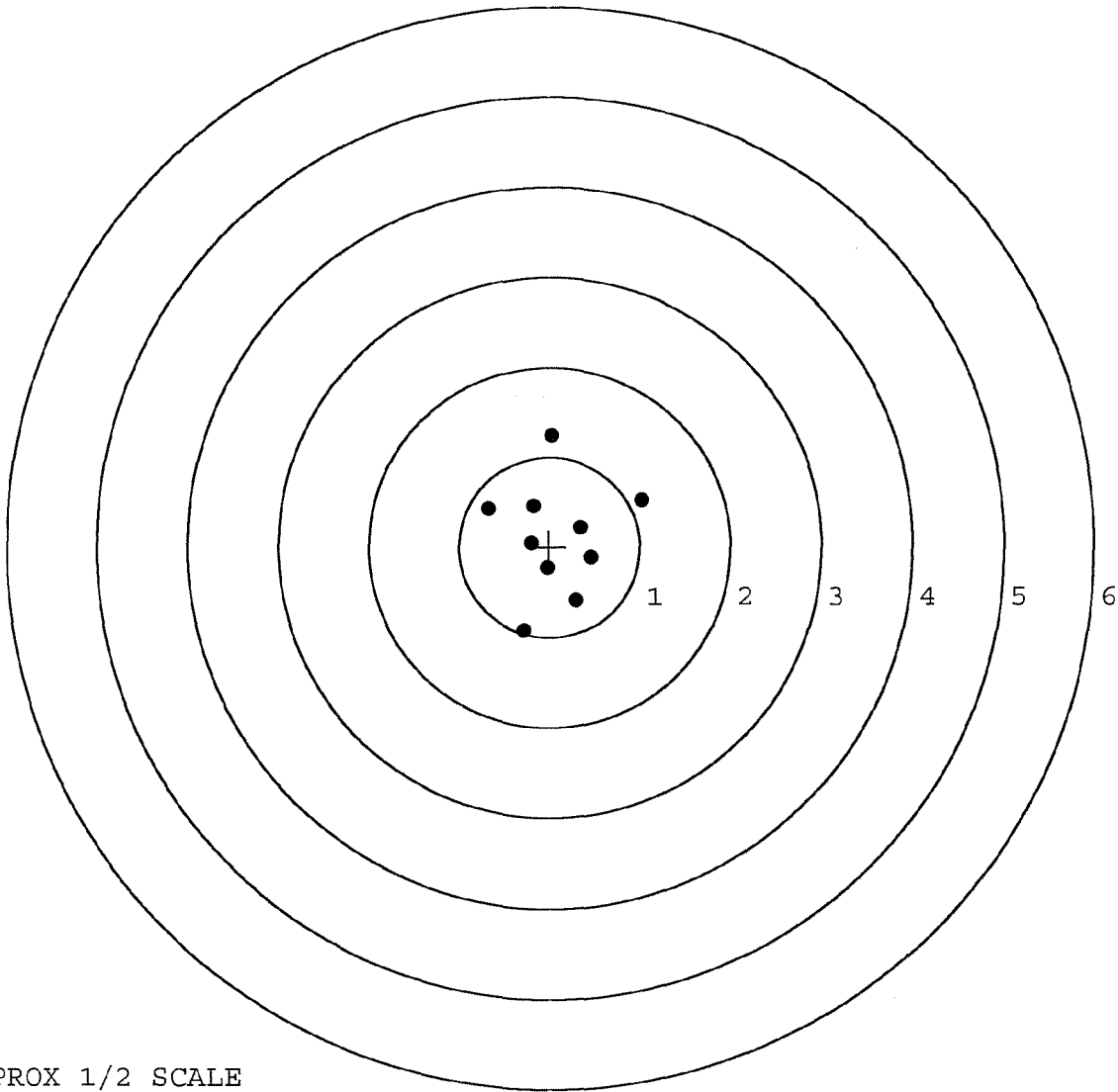
MEAN RADIUS: 0.663

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.025  | 0.521  |
| 2:     | 0.032  | 1.241  |
| 3:     | -0.177 | 0.459  |
| 4:     | -0.678 | 0.426  |
| 5:     | -0.282 | -0.933 |
| 6:     | 0.294  | -0.594 |
| 7:     | 0.464  | -0.118 |
| 8:     | 0.346  | 0.215  |
| 9:     | -0.195 | 0.044  |
| 10:    | -0.025 | -0.237 |

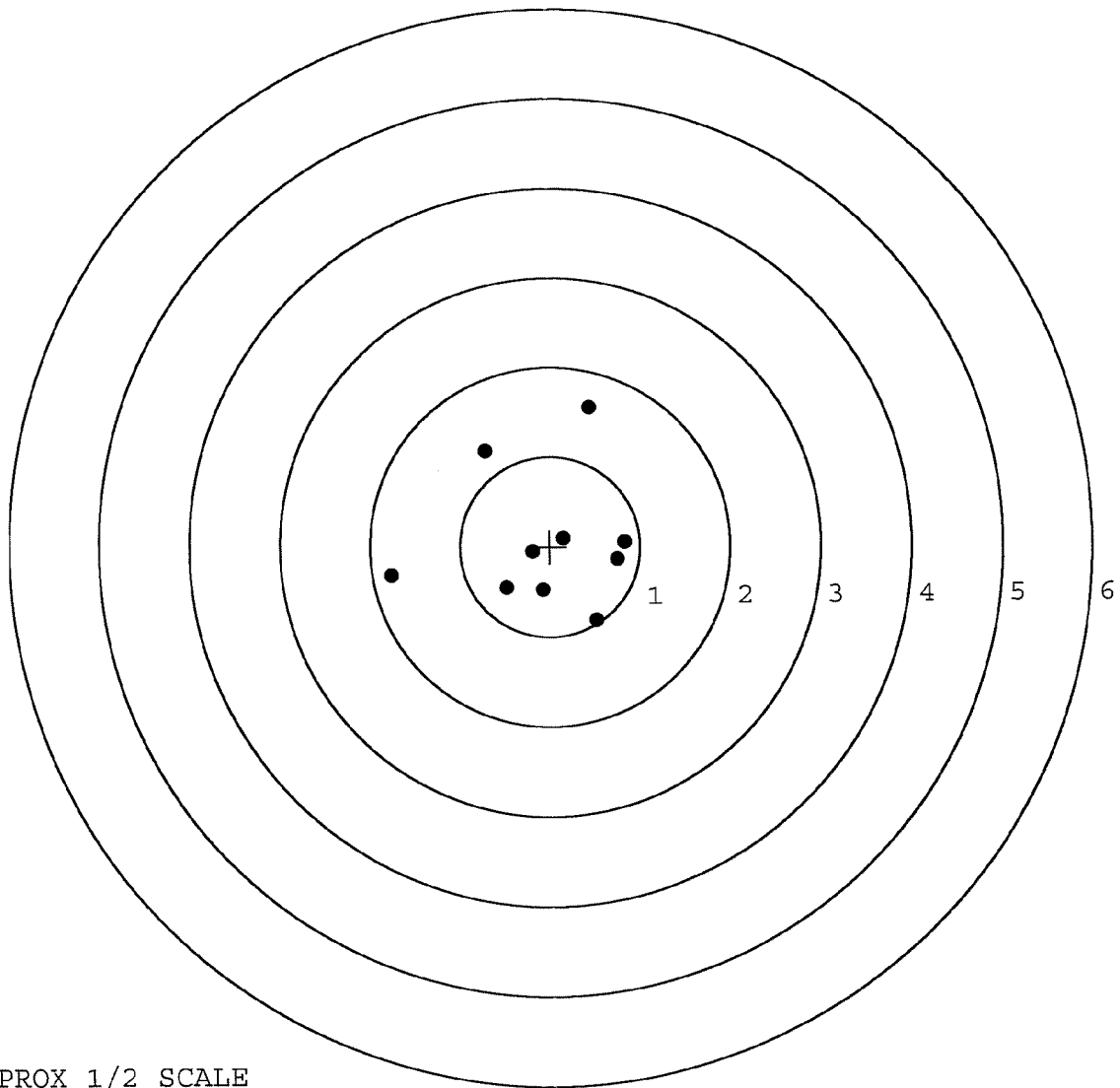


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225073. \_\_0  
 TARGET NUMBER: 2  
 FILE DATE: 11/08/2004  
 FILE TIME: 07:47

X CENTROID: -0.056  
 Y CENTROID: 0.048  
 POA TO CENTROID: 0.073  
 HORZ SPREAD: 2.593  
 VERT SPREAD: 2.364  
 GROUP SPREAD: 2.887  
 MIN RADIUS: 0.177  
 MAX RADIUS: 1.747  
 MEAN RADIUS: 0.886  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 6  
 # in 3 IN DIAMETER: 8

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.514  | -0.823 |
| 2:     | 0.747  | -0.142 |
| 3:     | 0.829  | 0.052  |
| 4:     | 0.447  | 1.541  |
| 5:     | -0.709 | 1.063  |
| 6:     | 0.148  | 0.097  |
| 7:     | -1.764 | -0.316 |
| 8:     | -0.200 | -0.054 |
| 9:     | -0.086 | -0.484 |
| 10:    | -0.482 | -0.459 |

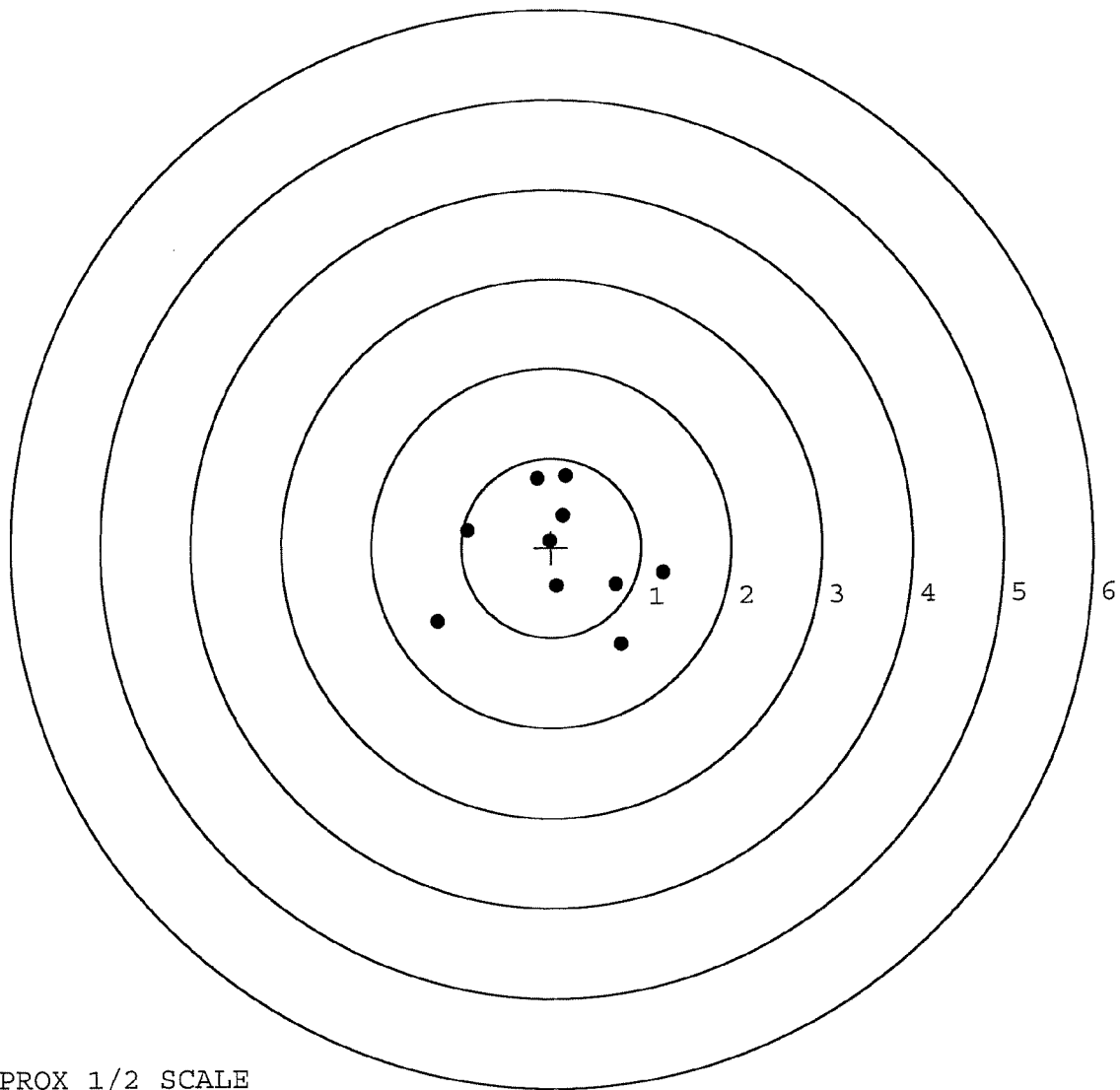


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225073. \_\_0  
 TARGET NUMBER: 3  
 FILE DATE: 11/08/2004  
 FILE TIME: 07:47

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.767  | -1.082 |
| 2:     | 1.242  | -0.287 |
| 3:     | 0.714  | -0.419 |
| 4:     | 0.060  | -0.427 |
| 5:     | -1.273 | -0.822 |
| 6:     | -0.933 | 0.196  |
| 7:     | -0.152 | 0.778  |
| 8:     | 0.173  | 0.805  |
| 9:     | 0.137  | 0.364  |
| 10:    | -0.016 | 0.076  |

X CENTROID: 0.072  
 Y CENTROID: -0.082  
 POA TO CENTROID: 0.109  
 HORZ SPREAD: 2.515  
 VERT SPREAD: 1.887  
 GROUP SPREAD: 2.571  
 MIN RADIUS: 0.181  
 MAX RADIUS: 1.535  
 MEAN RADIUS: 0.847  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 6  
 # in 3 IN DIAMETER: 9

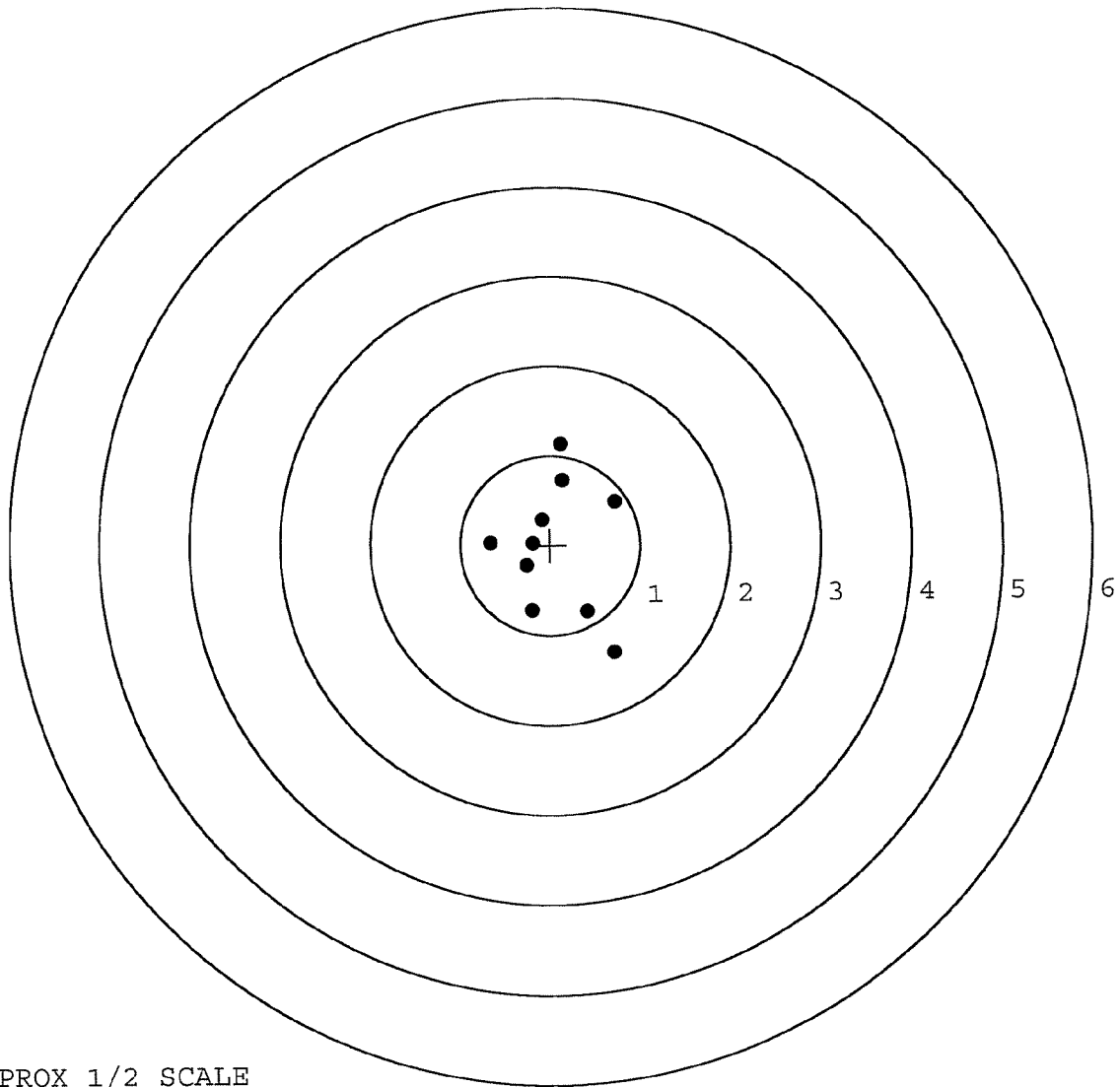


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225073. \_\_0  
 TARGET NUMBER: 4  
 FILE DATE: 11/08/2004  
 FILE TIME: 07:47

X CENTROID: 0.068  
 Y CENTROID: -0.023  
 POA TO CENTROID: 0.072  
 HORZ SPREAD: 1.382  
 VERT SPREAD: 2.323  
 GROUP SPREAD: 2.393  
 MIN RADIUS: 0.271  
 MAX RADIUS: 1.333  
 MEAN RADIUS: 0.735  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.701  | -1.196 |
| 2:     | 0.412  | -0.743 |
| 3:     | -0.212 | -0.728 |
| 4:     | 0.722  | 0.482  |
| 5:     | 0.127  | 1.127  |
| 6:     | 0.144  | 0.722  |
| 7:     | -0.089 | 0.281  |
| 8:     | -0.660 | 0.033  |
| 9:     | -0.265 | -0.232 |
| 10:    | -0.199 | 0.025  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225073. \_\_0

TARGET NUMBER: 5

FILE DATE: 11/08/2004

FILE TIME: 07:47

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.730  | -1.207 |
| 2:     | 0.769  | -0.557 |
| 3:     | -0.479 | -0.773 |
| 4:     | -0.448 | 1.068  |
| 5:     | -0.472 | 0.832  |
| 6:     | -0.767 | 0.431  |
| 7:     | -0.109 | 0.436  |
| 8:     | -0.290 | 0.229  |
| 9:     | -0.254 | 0.006  |
| 10:    | 0.126  | 0.052  |

X CENTROID: -0.119

Y CENTROID: 0.052

POA TO CENTROID: 0.130

HORZ SPREAD: 1.536

VERT SPREAD: 2.275

GROUP SPREAD: 2.562

MIN RADIUS: 0.142

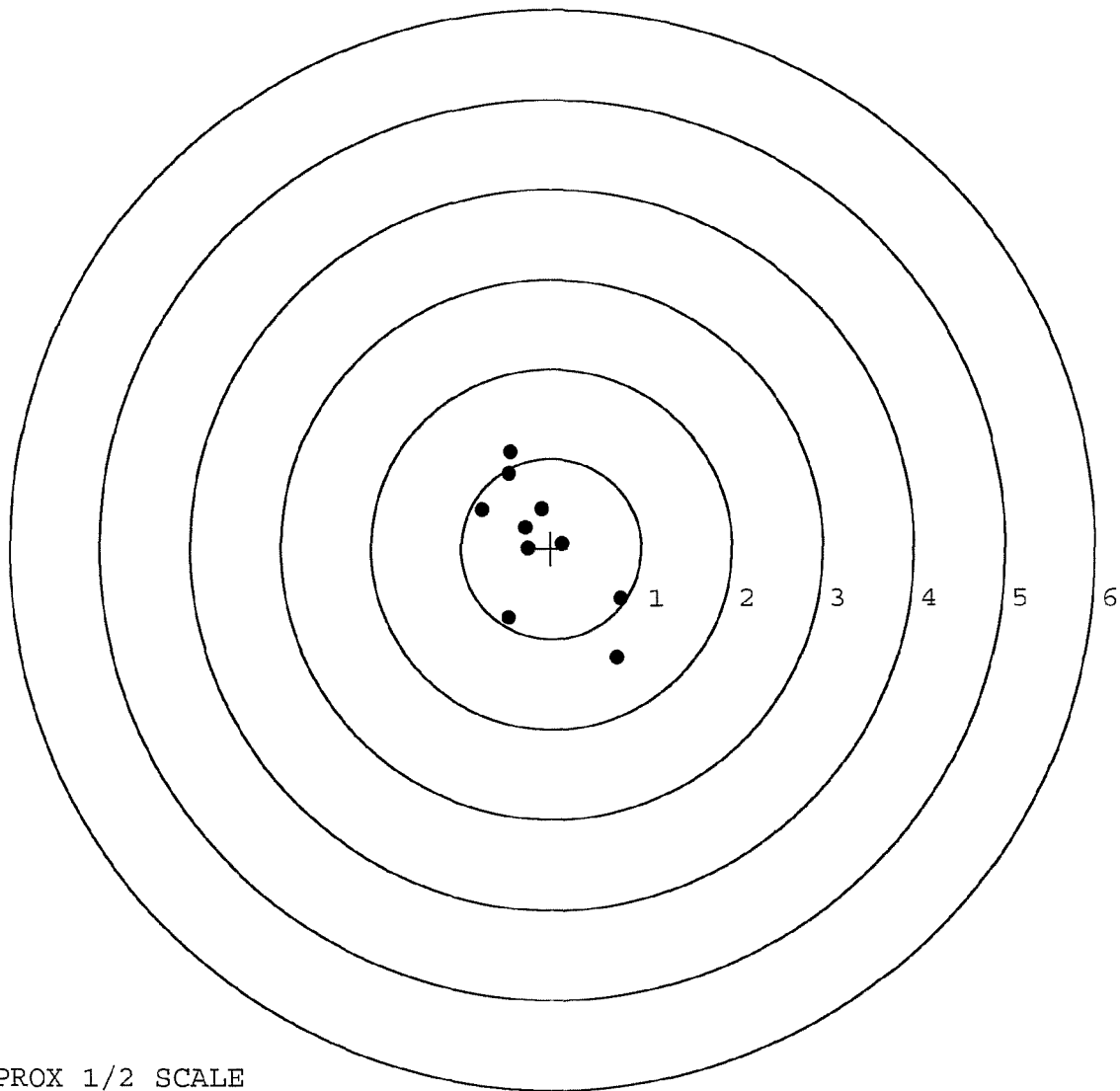
MAX RADIUS: 1.518

MEAN RADIUS: 0.719

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER**  
**KINZER V. REMINGTON**

BBL - 96003  
Front Sight Base - 96011

## Final Inspection

Sn: C6225073

DATE REC'D: 10-3-00

DATE RET'D:

Auditor: CK

## Item:

Barrel Assy.

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

Scope Assy.

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

Misc.

☒ DD-350☒ 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

|                               |                          |                     |         |
|-------------------------------|--------------------------|---------------------|---------|
| R & E NUMBER <u>14841</u>     |                          |                     |         |
| SERIAL NUMBER <u>C6225073</u> |                          |                     |         |
| LOG-IN DATE <u>10-3-00</u>    |                          |                     |         |
| INSPECT AND VERIFY:           |                          |                     |         |
| OPERATION #                   | OPERATION NAME           | DATE                | INITIAL |
| 550                           | DIS-ASSEMBLE GUN         | 10-6-00             | CK      |
| 560 A                         | RE-BARREL AT CUSTOM SHOP |                     |         |
| B                             | DRILL AND TAP            |                     |         |
| C                             | POLISH                   |                     |         |
| 575                           | ASSEMBLE                 |                     |         |
| 600                           | PROOF                    | 10-16-00            | RW      |
| 605                           | CHECK HEADSPACE          | 10-16-00            | CK      |
| 610                           | DIS-ASSEMBLE GUN         |                     |         |
| 612                           | MAGNAFLUX                |                     |         |
| 615                           | ROLLMARK CALIBER         |                     |         |
| 618                           | ROTO-BLAST               |                     |         |
| 620                           | APPLY COATINGS           |                     |         |
| 625 A                         | FINAL ASSEMBLY           |                     |         |
| B                             | TRIGGER PULL TEST        |                     |         |
| C                             | SAFETY "ON" FORCE        |                     |         |
| D                             | SAFETY "OFF" FORCE       |                     |         |
| E                             | FIRING PIN INDENT        |                     |         |
| 640                           | TARGET                   | 11-3-00             | RW      |
| 655                           | FINAL INSPECT            | 11-6-00             | CK      |
| 660                           | PACK                     |                     |         |
|                               |                          | SHIP DATE           |         |
|                               |                          | QAR INSPECTION DATE |         |

**BARBER - M24 0048282**

Remington Test Lab, Ilion, N.Y.

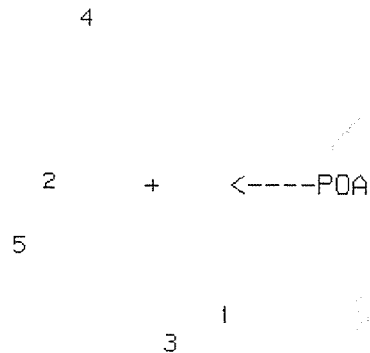
Centroidal distance calculations for Rifle # c6225073  
1 Nov 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2918  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2408  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .378328

THE AMR FOR THIS RIFLE IS: 1.254

**CENTROIDAL DISTANCES**

|      |   |         |
|------|---|---------|
| Ø TO | 1 | 1.01529 |
| 1 TO | 2 | 1.50648 |
| 1 TO | 3 | .423076 |
| 1 TO | 4 | 2.2407  |
| 1 TO | 5 | 1.48095 |



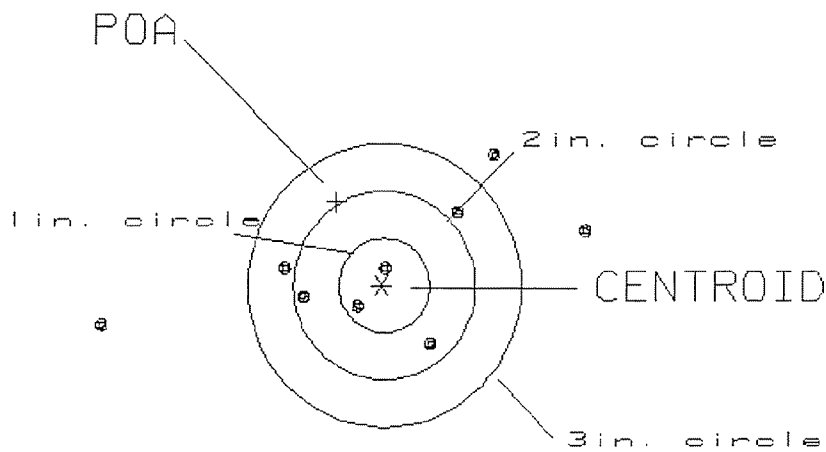
PATTERN #: 1

POA TO CENTROID: 1.016  
 MIN RADIUS : .193  
 MEAN RADIUS : 1.359  
 MAX RADIUS : 3.148  
 CENTROID X : .494  
 CENTROID Y : -.887

31 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6225073.1

# CENTERFIRE PATTERN # 1



# OF SHOTS= 10

# IN CIRCLE

HS= 5.33  
 VS= 3.24  
 GS= 5.42

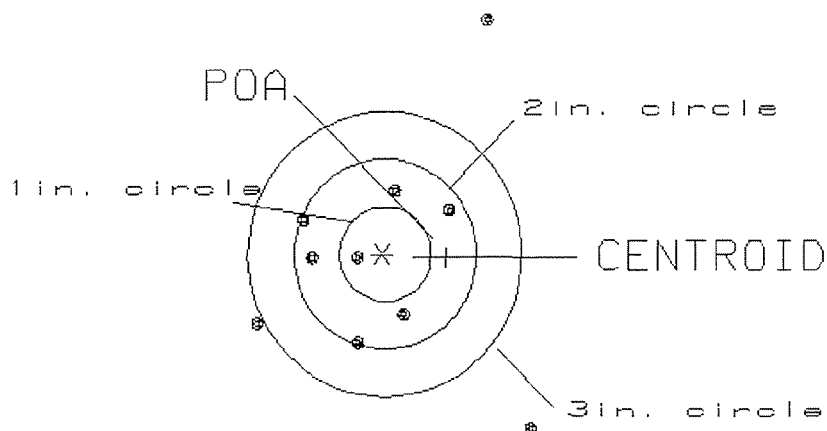
2  
 4  
 6

PATTERN #: 2  
 POA TO CENTROID: .703  
 MIN RADIUS : .346  
 MEAN RADIUS : 1.203  
 MAX RADIUS : 2.737  
 CENTROID X : -.702  
 CENTROID Y : .029

31 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6225073.1

# CENTERFIRE PATTERN # 2



# OF SHOTS= 10

# IN CIRCLE

HS= 3.03

1

VS= 4.29

7

GS= 4.32

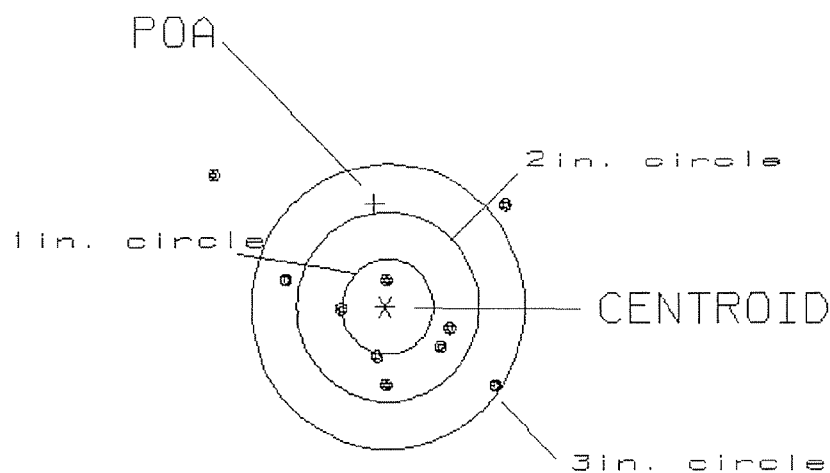
7

PATTERN #: 3  
POA TO CENTROID: 1.086  
MIN RADIUS : .253  
MEAN RADIUS : 1.014  
MAX RADIUS : 2.358  
CENTROID X : .117  
CENTROID Y : -1.079

31 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6225073.1

## CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 3.21

2

VS= 2.17

6

GS= 3.76

8

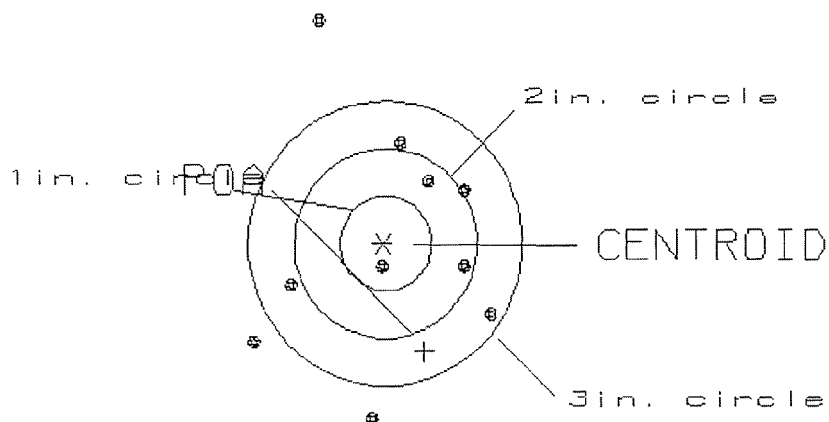
PATTERN #: 4

POA TO CENTROID: 1.229  
 MIN RADIUS : .244  
 MEAN RADIUS : 1.251  
 MAX RADIUS : 2.439  
 CENTROID X : -.461  
 CENTROID Y : 1.140

31 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/CG225073.1

# CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 2.58

1

VS= 4.15

3

GS= 4.19

7

PATTERN #: 5

POA TO CENTROID: .994

MIN RADIUS : .473

MEAN RADIUS : 1.445

MAX RADIUS : 2.628

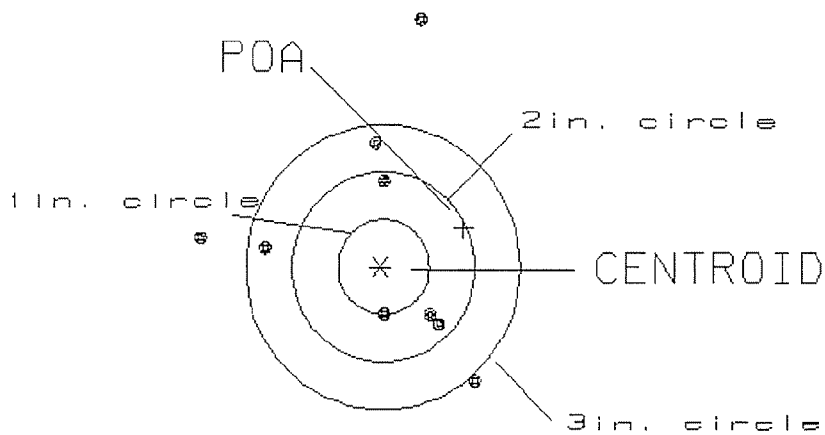
CENTROID X : -.907

CENTROID Y : -.407

31 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6225073.1

## CENTERFIRE PATTERN # 5



# OF SHOTS= 10

# IN CIRCLE

HS= 3.02

1

VS= 5.08

4

GS= 5.09

6

**BARBER - M24 0048288**

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225073  
30 Oct 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.6544  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3598  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .74679

THE AMR FOR THIS RIFLE IS: 1.617

**CENTROIDAL DISTANCES**

|      |   |          |
|------|---|----------|
| 0 TO | 1 | .0930484 |
| 1 TO | 2 | 1.8576   |
| 1 TO | 3 | 1.75374  |
| 1 TO | 4 | .741677  |
| 1 TO | 5 | 1.73475  |

3

25

1+ <----POA

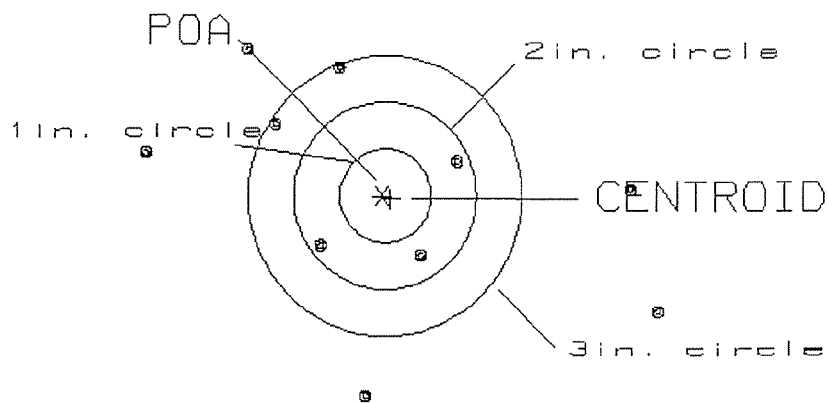
4

PATTERN #: 010  
POA TO CENTROID: .093  
MIN RADIUS : .758  
MEAN RADIUS : 1.840  
MAX RADIUS : 3.229  
CENTROID X : -.087  
CENTROID Y : .033

30 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/CG225073

## CENTERFIRE PATTERN # 1



# OF SHOTS= 10

# IN CIRCLE

HS= 5.64

0

VS= 3.71

3

GS= 5.89

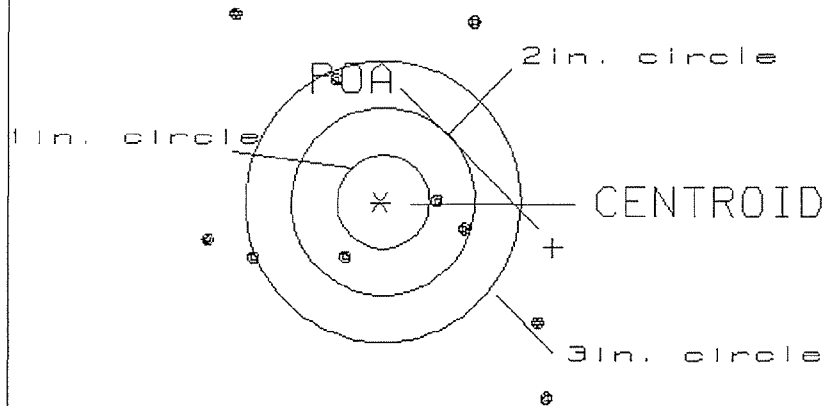
5

PATTERN #: 2  
 POA TO CENTROID: 1.950  
 MIN RADIUS : .540  
 MEAN RADIUS : 1.651  
 MAX RADIUS : 2.709  
 CENTROID X : -1.887  
 CENTROID Y : .492

30 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6225073

# CENTERFIRE PATTERN # 2



# OF SHOTS= 10

# IN CIRCLE

HS= 3.70  
 VS= 4.07  
 GS= 5.27

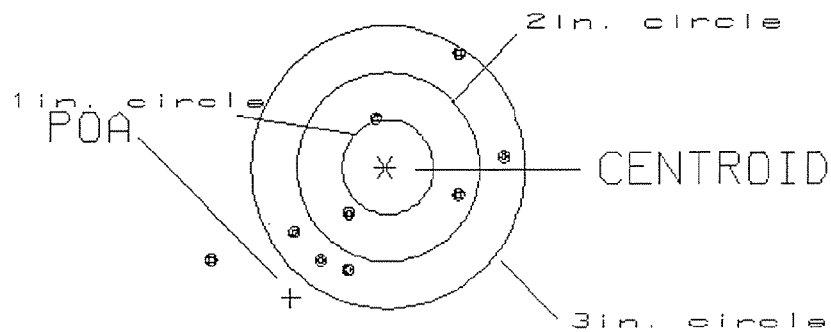
0  
 3  
 4

PATTERN #: 3  
 POA TO CENTROID: 1.726  
 MIN RADIUS : .549  
 MEAN RADIUS : 1.363  
 MAX RADIUS : 3.135  
 CENTROID X : 1.030  
 CENTROID Y : 1.385

30 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/CG225073

## CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 3.85

0

VS= 3.55

3

GS= 5.16

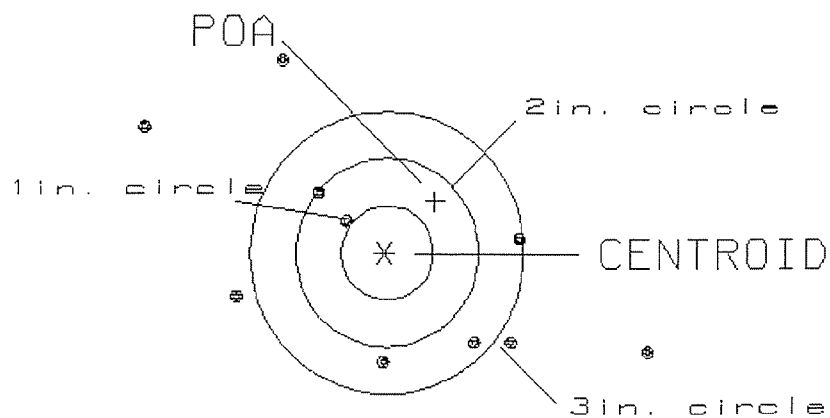
8

PATTERN #: 4  
POA TO CENTROID: .776  
MIN RADIUS : .525  
MEAN RADIUS : 1.709  
MAX RADIUS : 3.021  
CENTROID X : -.553  
CENTROID Y : -.544

30 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6225073

## CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 5.53

0

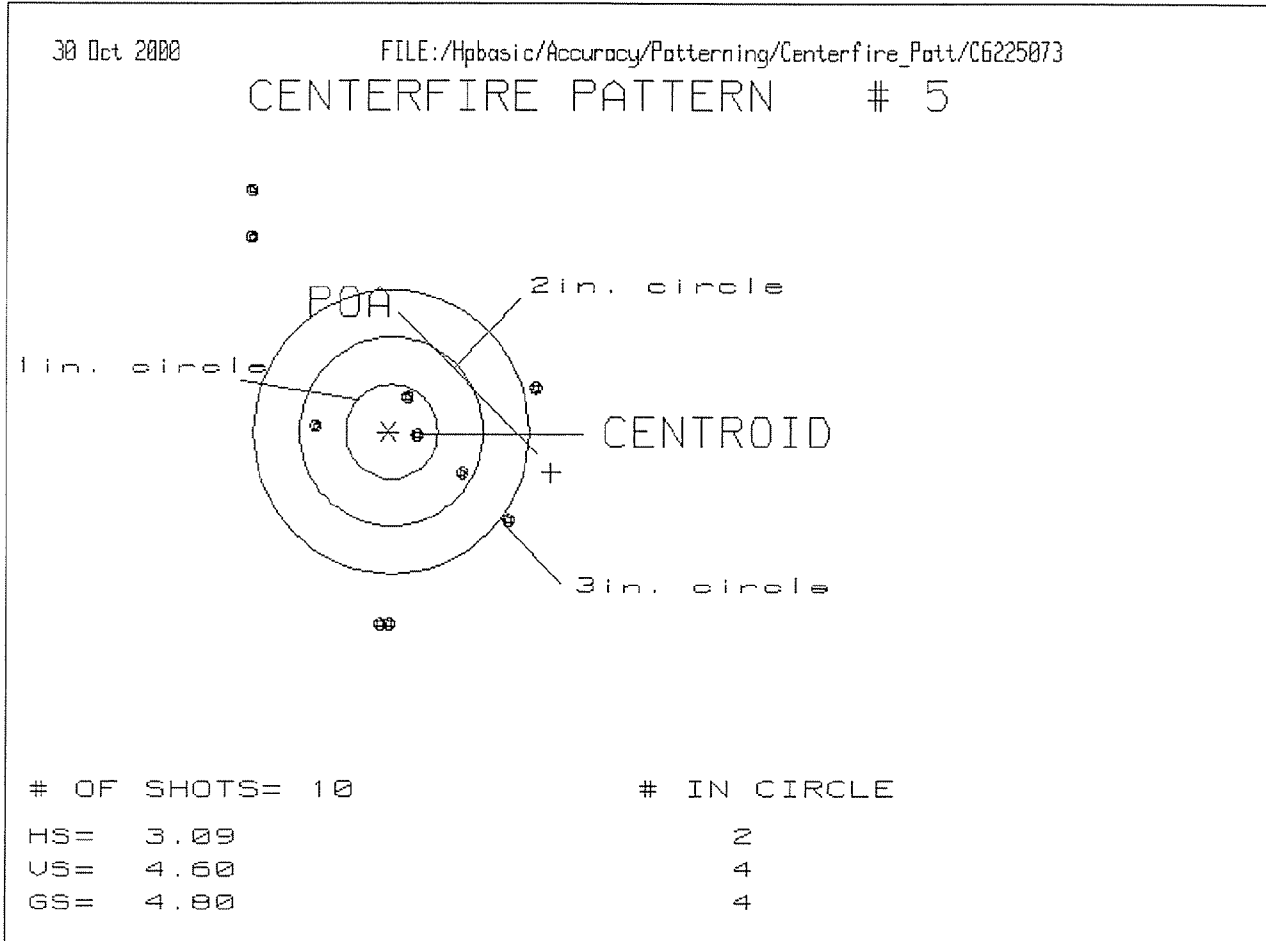
VS= 3.14

2

GS= 6.02

5

PATTERN #: 5  
 POA TO CENTROID: 1.827  
 MIN RADIUS : .304  
 MEAN RADIUS : 1.524  
 MAX RADIUS : 2.954  
 CENTROID X : -1.775  
 CENTROID Y : .433



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225073

| 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  | Pfe.    |
|              | Magnaflux Bolt                                                 |          | 9-14-88  | Pfe.    |
| 615          | Rollmark Caliber                                               |          | 10/12    | WC      |
| 617          | Drill & Tap Sight Holes                                        |          | 10/12    | FB      |
| 618          | Polish Barrel                                                  |          | 10/20    | WT      |
| 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          |          |          |         |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          |          |         |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          |          |         |

OVER

| OP.#  | READINGS                                                    | DATE                                         | INITIAL |
|-------|-------------------------------------------------------------|----------------------------------------------|---------|
| 625   | D) Oil Firing Pin Ass'y                                     |                                              |         |
| cont. | E) Adjust Trigger Pull to Min. Setting and Stake            | 1 NOV 88                                     | JSJ     |
|       | F) Safety on Force                                          | 5 : 5 : 5<br>4 NOV 88                        | JSJ     |
|       | G) Safety off Force                                         | 4 : 4 : 4<br>4 NOV 88                        | JSJ     |
|       | H) Trigger Pull Test & Retainability                        | 1 NOV 88                                     | JSJ     |
|       | I) Firing Pin Indent                                        | .0215 : .0215 : .022<br>4 NOV 88             | JSJ     |
|       | J) Assemble Stock                                           | 11/17/88                                     | RW      |
|       | K) Attach Front & Rear Sight Assemblies                     | 11/17/88                                     | RW      |
|       | L) Iron Sight Alignment                                     | 11/17/88                                     | RW      |
|       | M) Detach Front & Rear Sights & place in numbered container | 11/17/88                                     | RW      |
|       | N) Attach Scope to Rifle                                    | 11/18/88                                     | WB      |
|       | O) Detach & Attach Scope 20 times                           | 11/18/88                                     | WB      |
| 640   | Gallery Target & Test                                       | 85R 67L<br>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                                     | JSJ     |
|       | B) Trigger Pull                                             | 2.60 : 2.52 : 2.53 : 2.53 : 2.44<br>1 Dec 88 | JSJ     |
|       | C) Function                                                 | 1 Dec 88                                     | JSJ     |
|       | D) Assemble Swivel Studs                                    | 1 Dec 88                                     | JSJ     |
| 660   | Pack                                                        | 14 Dec 88                                    | JSJ     |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225073

DATE 1/10/88

TESTER J. G. J. S.

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-------|------------------------------------------------------------------------|
| PULL #1 | 2.52             | 2.52                     | 2.70                           | 2.60  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.55             | 2.50                     | 2.64                           | 2.52  |                                                                        |
| PULL #3 | 2.53             | 2.51                     | 2.63                           | 2.53  |                                                                        |
| PULL #4 | 2.54             | 2.52                     | 2.60                           | 2.53  |                                                                        |
| PULL #5 | 2.54             | 2.53                     | 2.62                           | 2.44  |                                                                        |
| TOTAL   | 12.68            | 12.58                    | 13.19                          | 12.62 |                                                                        |
| AVG.    | 2.536            | 2.516                    | 2.638                          | 2.524 |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.32             | 3.33                     |  |          |
| PULL #2 | 3.30             | 3.33                     |  |          |
| PULL #3 | 3.35             | 3.34                     |  |          |
| PULL #4 | 3.38             | 3.34                     |  |          |
| PULL #5 | 3.34             | 3.36                     |  |          |
| TOTAL   | 16.69            | 16.70                    |  |          |
| AVG.    | 3.338            | 3.34                     |  |          |

|         | 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 | 4.37             | 4.28                     |                                | 4.16                                 |
| PULL #2 | 4.36             | 4.35                     |                                | 4.12                                 |
| PULL #3 | 4.38             | 4.38                     |                                | 3.88                                 |
| PULL #4 | 4.36             | 4.35                     |                                | 4.17                                 |
| PULL #5 | 4.44             | 4.38                     |                                | 4.17                                 |
| TOTAL   | 21.91            | 21.74                    |                                | 20.50                                |
| AVG.    | 4.382            | 4.348                    |                                | 4.10                                 |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6225073

## CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | 1.14    |
| 1 TO | 2 | .408512 |
| 1 TO | 3 | .472848 |
| 1 TO | 4 | .128503 |
| 1 TO | 5 | .608127 |

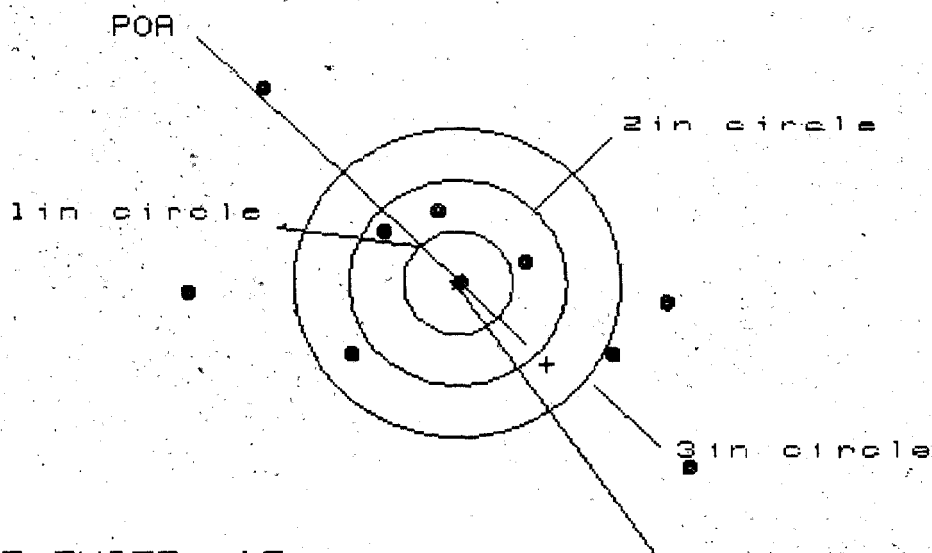
4  
3  
5 + <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.8152  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .53  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .972343  
THE AMR FOR THIS RIFLE IS: 1.252

29 Nov 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225073

## CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 4

3in = 5

HS= 4.532

VS= 3.688

GS= 5.310

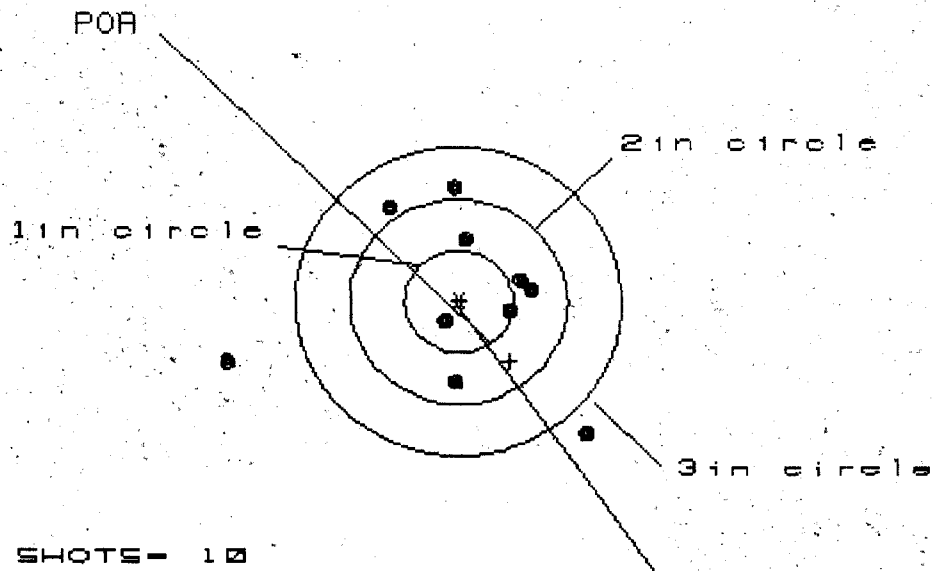
CENTROID \*

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 2.076  | 2.172  | 1.983  |
| MINIMUM X                     | -2.456 | -2.226 | -2.415 |
| MAXIMUM Y                     | 1.879  | 1.678  | .673   |
| MINIMUM Y                     | -1.809 | -.868  | -.658  |
| CENTROID X                    | -.819  | -1.049 | -.860  |
| CENTROID Y                    | .793   | .994   | .784   |
| POA TO CENTROID in.           | 1.140  | 1.445  | 1.164  |
| MIN RADIUS                    | .050   | .325   | .091   |
| MEAN RADIUS                   | 1.483  | 1.331  | 1.195  |
| MAX RADIUS                    | 2.753  | 2.260  | 2.416  |
| HORIZONTAL SPREAD             | 4.532  | 4.398  | 4.398  |
| VERTICAL SPREAD               | 3.688  | 2.546  | 1.332  |
| EXTREME SPREAD                | 5.310  | 4.399  | 4.399  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 4      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 5      |        |        |

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## CENTERFIRE PATTERNS # 2



# OF SHOTS - 10

# IN CIR

1 in = 2

2 in = 6

3 in = 8

HS = 3.342

VS = 2.470

GS = 3.411

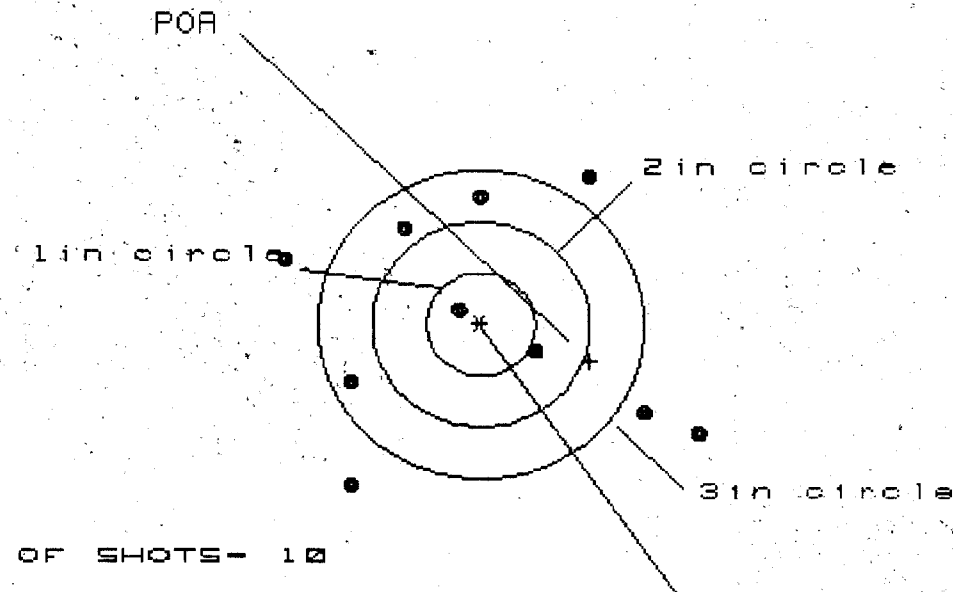
CENTROID \*

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.207  | .969   | .519   |
| MINIMUM X                     | -2.135 | -.830  | -.709  |
| MAXIMUM Y                     | 1.160  | 1.090  | .917   |
| MINIMUM Y                     | -1.310 | -1.380 | -1.070 |
| CENTROID X                    | -.468  | -.230  | -.352  |
| CENTROID Y                    | .584   | .654   | .827   |
| POA TO CENTROID in.           | .748   | .693   | .898   |
| MIN RADIUS                    | .235   | .272   | .390   |
| MEAN RADIUS                   | .972   | .783   | .673   |
| MAX RADIUS                    | 2.226  | 1.686  | 1.086  |
| HORIZONTAL SPREAD             | 3.342  | 1.799  | 1.227  |
| VERTICAL SPREAD               | 2.470  | 2.470  | 1.987  |
| EXTREME SPREAD                | 3.411  | 2.880  | 1.987  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 6      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 8      |        |        |

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## CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1 in = 1

2 in = 2

3 in = 5

HS= 3.801

VS= 2.943

GS= 4.155

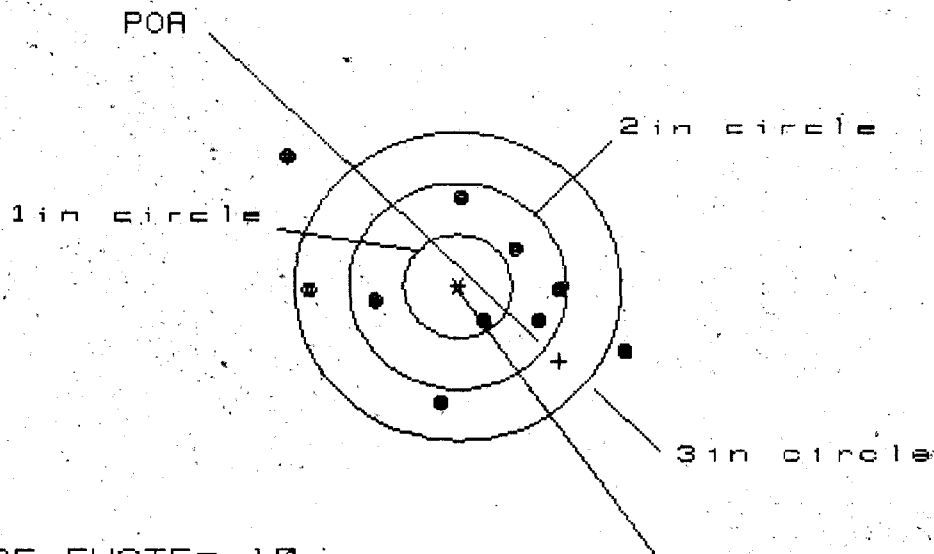
CENTROID \*

| PATTERN #                   | : | 10     | 9      | 8      |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 2.045  | 1.680  | 1.564  |
| MINIMUM X                   | : | -1.756 | -1.529 | -1.645 |
| MAXIMUM Y                   | : | 1.417  | 1.298  | 1.092  |
| MINIMUM Y                   | : | -1.526 | -1.645 | -1.222 |
| CENTROID X                  | : | -1.002 | -1.229 | -1.113 |
| CENTROID Y                  | : | .357   | .476   | .682   |
| POA TO CENTROID in.         | : | 1.063  | 1.318  | 1.305  |
| MIN RADIUS                  | : | .265   | .060   | .177   |
| MEAN RADIUS                 | : | 1.411  | 1.269  | 1.177  |
| MAX RADIUS                  | : | 2.310  | 1.963  | 1.985  |
| HORIZONTAL SPREAD           | : | 3.801  | 3.209  | 3.209  |
| VERTICAL SPREAD             | : | 2.943  | 2.943  | 2.314  |
| EXTREME SPREAD              | : | 4.155  | 3.637  | 3.543  |
| NUMBER IN ONE INCH CIRCLE   | = | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE   | = | 2      |        |        |
| NUMBER IN THREE INCH CIRCLE | = | 5      |        |        |

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FILE:/PATTERNING/CENTERFIRE\_PATT/06225073

## CENTERFIRE PATTERNS # 4



# OF SHOTS - 10

# IN CIR

1 in = 1

2 in = 6

3 in = 8

HS = 3.069

VS = 2.457

GS = 3.629

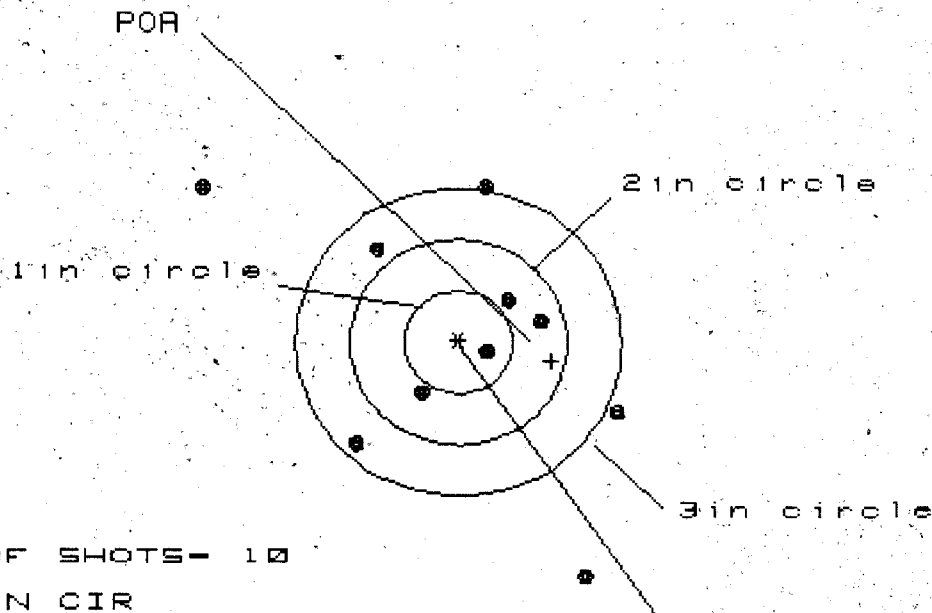
CENTROID \*

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.492  | 1.317  | .923   |
| MINIMUM X                     | -1.577 | -1.537 | -1.373 |
| MAXIMUM Y                     | 1.301  | 1.042  | .981   |
| MINIMUM Y                     | -1.156 | -1.012 | -1.073 |
| CENTROID X                    | -.931  | -.756  | -.920  |
| CENTROID Y                    | .730   | .586   | .647   |
| POA TO CENTROID in.           | 1.183  | .956   | 1.125  |
| MIN RADIUS                    | .378   | .173   | .305   |
| MEAN RADIUS                   | 1.062  | .906   | .861   |
| MAX RADIUS                    | 2.044  | 1.542  | 1.374  |
| HORIZONTAL SPREAD             | 3.069  | 2.854  | 2.296  |
| VERTICAL SPREAD               | 2.457  | 2.054  | 2.054  |
| EXTREME SPREAD                | 3.629  | 2.920  | 2.296  |
| NUMBER IN ONE INCH CIRCLE =   | 1      | 6      | 8      |
| NUMBER IN TWO INCH CIRCLE =   | 6      | 8      |        |
| NUMBER IN THREE INCH CIRCLE = | 8      |        |        |

29 Nov 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/06225073

## CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 4

3in = 6

HS= 2.813

VS= 3.859

GS= 5.165

| PATTERN #                     | 5      | 9      | 8      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.501  | 1.244  | 1.352  |
| MINIMUM X                     | -2.312 | -1.201 | -1.093 |
| MAXIMUM Y                     | 1.558  | 1.667  | 1.401  |
| MINIMUM Y                     | -2.301 | -2.128 | -1.116 |
| CENTROID X                    | -.856  | -.599  | -.707  |
| CENTROID Y                    | .186   | .013   | .279   |
| POA TO CENTROID in.           | .876   | .599   | .760   |
| MIN RADIUS                    | .290   | .105   | .210   |
| MEAN RADIUS                   | 1.333  | 1.137  | .967   |
| MAX RADIUS                    | 2.788  | 2.296  | 1.562  |
| HORIZONTAL SPREAD             | 3.813  | 2.445  | 2.445  |
| VERTICAL SPREAD               | 3.859  | 3.795  | 2.517  |
| EXTREME SPREAD                | 5.165  | 3.903  | 2.769  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 4      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 6      |        |        |

**R** ORDER  
94-24910

|                           |                         |                      |                           |                   |                                  |  |
|---------------------------|-------------------------|----------------------|---------------------------|-------------------|----------------------------------|--|
| INITIAL<br>FPS            | CUSTOMER ORDER NO.      |                      | M-24 SNIPER               |                   |                                  |  |
| DATE RECEIVED<br>08/29/94 | DATE OPENED<br>08/30/94 | DATE CODE<br>DI 9-88 | SERIAL NUMBER<br>C6225073 | NEW SERIAL NUMBER | MODEL AND GRADE<br>700 7.62 NATO |  |
| ACCESSORIES<br>W/STUDS    |                         | SCOPE MNTS           |                           | SCOPE BASE        |                                  |  |

FROM:

SHIP TO:

DEPT OF THE ARMY  
B CO ARMS  
2/75 RANGER BATTALION  
FT LEWIS

WA 98433

DEPT OF THE ARMY  
B CO ARMS  
2/75 RANGER BATTALION  
FT LEWIS

98433

CUST NO:062072 C.D.DL

|                |                    |       |                          |            |           |     |     |
|----------------|--------------------|-------|--------------------------|------------|-----------|-----|-----|
| ACCOUNT NUMBER | ACCOUNT NUMBER N/C | WRITE | <input type="checkbox"/> | PROM. DATE | ESTIMATED | VIA | UP3 |
|----------------|--------------------|-------|--------------------------|------------|-----------|-----|-----|

GUN CONDITION

☐ NEW

☐ LIGHTLY WORN

☐ WORN

☐ VERY WORN

☐ UNREPAIRABLE

☐ MARRED

|               |
|---------------|
| REPAIR CHARGE |
| EXCISE        |
| TAX           |
| INSURANCE     |
| UPS           |
| PARCEL POST   |
| <b>TOTAL</b>  |

| CUSTOMER CONCERN | AMMO | FUNCTION | FINISH | ACCURACY | FIT | INSPECT |
|------------------|------|----------|--------|----------|-----|---------|
| CYCLE            | A1   | B1       |        |          |     |         |
| TRIGGER GROUP    |      | B2       |        |          | E1  | F1      |
| BOLT ASSY.       |      | B3       |        |          | E2  | F2      |
| BARREL ASSY.     |      | B4       |        | D1       | E3  | F3      |
| REC. ASSY.       |      | B5       |        | D2       | E4  | F4      |
| WOOD             |      |          | C1     | D3       | E5  | F5      |
| METAL            |      |          | C2     |          |     |         |

## MAIN FAULT

New Barrel

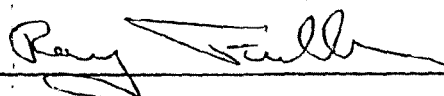
[illegible]

OFFICE COPY

RD6925 REV. 1/94

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER**  
**KINZER V. REMINGTON**

**BARBER - M24** **M2400048342**

| <b>BARBER - M24 0048394</b><br>PACKING LIST                               |                                                                                                                                                         | PACKED BY<br><i>Mr. Ray Fuller</i><br><i>WG-10 Bin Armorer.</i> |                                                                                                   | 1. NO. BOXES<br><i>1</i>           |              | 2a. REQUISITION NO.<br><i>94246</i> |  |
|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------------|--------------|-------------------------------------|--|
| 3. END ITEM<br><i>7.62mm M24 Sniper Weapons System (SW5)</i>              |                                                                                                                                                         | 4. DATE<br><i>26 July 1994</i>                                  |                                                                                                   | 5. PAGE <i>1</i> OF <i>1</i> PAGES |              | 2b. ORDER NO.                       |  |
| BOX NO.<br>(a)                                                            | CONTENTS - STOCK NUMBER AND NOMENCLATURE<br>(b)                                                                                                         | UNIT OF ISSUE<br>(c)                                            | QUANTITIES REQUIRED                                                                               |                                    |              |                                     |  |
|                                                                           |                                                                                                                                                         |                                                                 | INITIAL OPERATION<br>(d)                                                                          | RUNNING SPARES<br>(e)              | TOTAL<br>(f) |                                     |  |
|                                                                           | <i>7.62mm M24 Sniper Weapon System (SW5) Serial No. C6225073</i><br><i>NSN: 1005-01-240-2136</i><br><br><i>Note: All Optic Scope Ring mounts Packed</i> | <i>Ea</i>                                                       |                                                                                                   |                                    | <i>1</i>     |                                     |  |
| 6. THIS CERTIFIES THAT ITEMS LISTED HEREON ARE WITHIN THE SPECIFIED BOXES |                                                                                                                                                         |                                                                 |                                                                                                   |                                    |              |                                     |  |
| TYPED NAME AND TITLE<br><i>Ray Fuller WG-10 Bin Armorer</i>               |                                                                                                                                                         |                                                                 | SIGNATURE<br> |                                    |              |                                     |  |

DD FORM 1 SEP 70 1750

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

BARBER - M24 0048394 48343

|                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                               |                     |                                                                                                                                                                                                                                                               |                             |                                                                                                               |                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------|---------------------|
| <b>MAINTENANCE REQUEST</b>                                                                                                                                                                                                                                                                                                                                                                                                  |                 |                                                               |                     | PAGE NO. <u>1</u>                                                                                                                                                                                                                                             | NO. OF PAGES                | REQUIREMENTS CONTROL SYMBOL<br>CSGLD - 1047(R1)                                                               |                     |
| For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG                                                                                                                                                                                                                                                                                                                                                    |                 |                                                               |                     |                                                                                                                                                                                                                                                               |                             |                                                                                                               |                     |
| <b>SECTION I - EQUIPMENT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                           |                 |                                                               |                     |                                                                                                                                                                                                                                                               |                             |                                                                                                               |                     |
| CONTROL NUMBER                                                                                                                                                                                                                                                                                                                                                                                                              |                 | WORK ORDER NO.<br><u>94246</u>                                |                     | WESDC                                                                                                                                                                                                                                                         | ORG. PD<br><u>02</u>        | PD AUTHENTICATION<br><u>[Signature]</u>                                                                       |                     |
| <input checked="" type="checkbox"/> Work Request<br><input type="checkbox"/> MWO<br><input type="checkbox"/> Warranty Claim                                                                                                                                                                                                                                                                                                 |                 | 1A. ORGANIZATION<br><u>Bn Arms HHC</u><br><u>3/75 Rgr Rgt</u> |                     | B. LOCATION<br><u>Fort Lewis Wa</u>                                                                                                                                                                                                                           |                             | C. UNIT IDENT CODE<br><u>WH3M1717</u>                                                                         |                     |
| 2. SERIAL NO.<br><u>C6225073</u>                                                                                                                                                                                                                                                                                                                                                                                            |                 | 3. NOUN NOMENCLATURE<br><u>M24 SW5</u>                        |                     | 4. LINE NO.                                                                                                                                                                                                                                                   | 5. MODEL<br><u>1424</u>     | 6. NATIONAL STOCK NUMBER<br><u>1005-01-240-2136</u>                                                           |                     |
| 7A. MAINTENANCE ACTIVITY<br><u>Remington Arms Co.</u>                                                                                                                                                                                                                                                                                                                                                                       |                 | B. LEVEL                                                      | 8. UTILIZATION CODE | 9A. MCSR ITEM                                                                                                                                                                                                                                                 | 9B. ERC                     | 9C. PACING ITEM                                                                                               | 10. HOURS           |
|                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                               |                     |                                                                                                                                                                                                                                                               |                             |                                                                                                               | 11. MILES           |
|                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                               |                     |                                                                                                                                                                                                                                                               |                             |                                                                                                               | 12. ROUNDS          |
|                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                               |                     |                                                                                                                                                                                                                                                               |                             |                                                                                                               | 13. STARTS          |
| 14. FAILURE DETECTED DURING (Select one - use <input checked="" type="checkbox"/> or X)                                                                                                                                                                                                                                                                                                                                     |                 |                                                               |                     | 15. FIRST INDICATION OF TROUBLE (Select one - use <input checked="" type="checkbox"/> or X)                                                                                                                                                                   |                             |                                                                                                               |                     |
| <input type="checkbox"/> A Sch. Main. <input checked="" type="checkbox"/> C Test <input type="checkbox"/> E Storage <input type="checkbox"/> G Flight<br><input type="checkbox"/> B Handling <input type="checkbox"/> D Normal Op <input type="checkbox"/> F Inspection <input type="checkbox"/> H Other                                                                                                                    |                 |                                                               |                     | <input type="checkbox"/> 068 Inoperative <input type="checkbox"/> 258 Overheating <input type="checkbox"/> 790 Out of Adjustment<br><input type="checkbox"/> 008 Noisy <input type="checkbox"/> 387 Low Performance <input checked="" type="checkbox"/> Other |                             |                                                                                                               |                     |
| 16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs).<br><u>This weapon has fired over 10,000 Rbs. During Bench Rest Test Fired at 200/300 yds</u><br><u>groups were shot exceeding the criteria of 2.6" at 200 to 7.8" at 300 yds. (5-10 549 Group)</u><br><u>The criteria was provided us by Mr. Jon Glenn ARDCE USA 880-7071</u> |                 |                                                               |                     |                                                                                                                                                                                                                                                               |                             |                                                                                                               |                     |
| B. REMARKS<br><u>Request ReBarreling and Complete Weapon Reconditioning</u>                                                                                                                                                                                                                                                                                                                                                 |                 |                                                               |                     |                                                                                                                                                                                                                                                               |                             |                                                                                                               |                     |
| <b>SECTION II - WORK ACCOMPLISHED</b>                                                                                                                                                                                                                                                                                                                                                                                       |                 |                                                               |                     |                                                                                                                                                                                                                                                               |                             |                                                                                                               |                     |
| 17A. REPAIR ORGANIZATION/ACTIVITY                                                                                                                                                                                                                                                                                                                                                                                           |                 |                                                               |                     | C. UNIT IDENT. CODE                                                                                                                                                                                                                                           |                             | 18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use <input checked="" type="checkbox"/> or X) |                     |
| B. LOCATION                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |                                                               |                     |                                                                                                                                                                                                                                                               |                             | <input type="checkbox"/> 1 TOE <input type="checkbox"/> 2 TD <input type="checkbox"/> 3 Contractor            |                     |
| 20A. ACT. CODE                                                                                                                                                                                                                                                                                                                                                                                                              | B. FAILURE CODE | C. COMPONENT/PART NOUN, SVC, OR MWO NO.                       |                     |                                                                                                                                                                                                                                                               | D. MANHOURS (Hrs. & tenths) | E. NATIONAL STOCK NUMBER                                                                                      | F. PART SOURCE CODE |
|                                                                                                                                                                                                                                                                                                                                                                                                                             |                 | (1) CB CODE                                                   | (2) REF DESIGN.     | (3) MFR. CODE                                                                                                                                                                                                                                                 |                             |                                                                                                               |                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                               |                     |                                                                                                                                                                                                                                                               | .                           |                                                                                                               | \$                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                               |                     |                                                                                                                                                                                                                                                               | .                           |                                                                                                               | \$                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                               |                     |                                                                                                                                                                                                                                                               | .                           |                                                                                                               | \$                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                               |                     |                                                                                                                                                                                                                                                               | .                           |                                                                                                               | \$                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                               |                     |                                                                                                                                                                                                                                                               | .                           |                                                                                                               | \$                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                               |                     |                                                                                                                                                                                                                                                               | .                           |                                                                                                               | \$                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                               |                     |                                                                                                                                                                                                                                                               | .                           |                                                                                                               | \$                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                               |                     |                                                                                                                                                                                                                                                               | .                           |                                                                                                               | \$                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                               |                     |                                                                                                                                                                                                                                                               | .                           |                                                                                                               | \$                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                               |                     |                                                                                                                                                                                                                                                               | .                           |                                                                                                               | \$                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                               |                     |                                                                                                                                                                                                                                                               | .                           |                                                                                                               | \$                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                               |                     |                                                                                                                                                                                                                                                               | .                           |                                                                                                               | \$                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                               |                     |                                                                                                                                                                                                                                                               | .                           |                                                                                                               | \$                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                               |                     |                                                                                                                                                                                                                                                               | .                           |                                                                                                               | \$                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                               |                     |                                                                                                                                                                                                                                                               | I. TOTAL MANHOURS           | J. TOTAL MANHOURS COST                                                                                        | K. TOTAL PARTS COST |
|                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                               |                     |                                                                                                                                                                                                                                                               |                             | \$                                                                                                            | \$                  |
| 21. DELAY (Select One) <input type="checkbox"/> 1 Parts <input type="checkbox"/> 2 Manpower <input type="checkbox"/> 3 Facilities <input type="checkbox"/> 4 Funds <input type="checkbox"/> 5 Tools                                                                                                                                                                                                                         |                 |                                                               |                     |                                                                                                                                                                                                                                                               |                             |                                                                                                               |                     |
| 22. <input type="checkbox"/> Data Transcribed                                                                                                                                                                                                                                                                                                                                                                               |                 |                                                               |                     |                                                                                                                                                                                                                                                               |                             |                                                                                                               |                     |
| 23. SUBMITTED BY<br><u>Roy Fuller</u>                                                                                                                                                                                                                                                                                                                                                                                       |                 | 24. RECEIVED BY                                               |                     | 25. WORK STARTED BY                                                                                                                                                                                                                                           |                             | 26. INSPECTED BY                                                                                              |                     |
| JULIAN DATE<br><u>4235</u>                                                                                                                                                                                                                                                                                                                                                                                                  |                 | JULIAN DATE                                                   |                     | JULIAN DATE                                                                                                                                                                                                                                                   |                             | JULIAN DATE                                                                                                   |                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                               |                     |                                                                                                                                                                                                                                                               |                             |                                                                                                               |                     |
| 27. ACCEPTED BY                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                               |                     |                                                                                                                                                                                                                                                               |                             |                                                                                                               |                     |
| 28. DISPOSITION (Select One)                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                               |                     |                                                                                                                                                                                                                                                               |                             |                                                                                                               |                     |
| <input type="checkbox"/> A To User <input type="checkbox"/> D Evacuated<br><input type="checkbox"/> B To Stock <input type="checkbox"/> E Cannibalization<br><input type="checkbox"/> C Salvaged                                                                                                                                                                                                                            |                 |                                                               |                     |                                                                                                                                                                                                                                                               |                             |                                                                                                               |                     |

## Final Inspection

Sn: C6225073 DATE REC'D: 8/29/94 DATE RET'D: \_\_\_\_\_  
 Auditor: AW

## 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 # C6225073  
15 Sep 1994

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .365    |
| 1 TO | 2 | .435341 |
| 1 TO | 3 | .297809 |
| 1 TO | 4 | .404491 |
| 1 TO | 5 | .344384 |

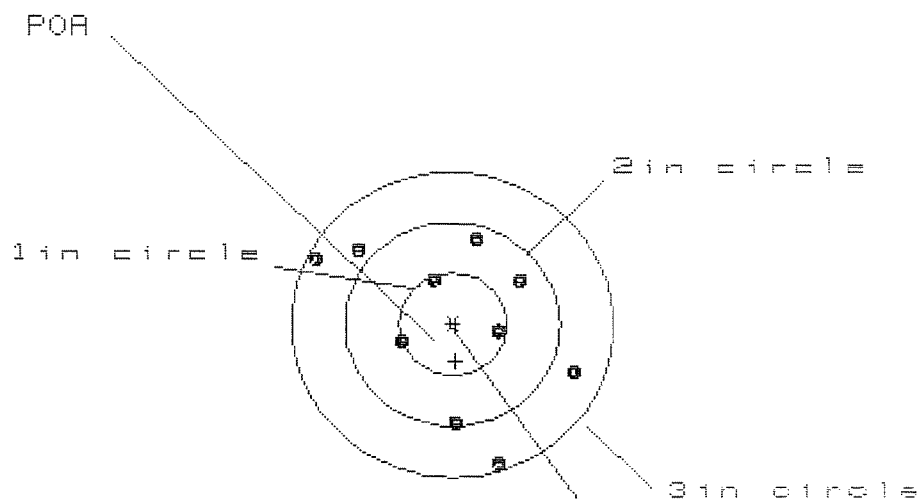
←----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2106  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1506  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .258907  
THE AMR FOR THIS RIFLE IS: .8186

15 Sep 1994

FILE:/PATTERNING/CENTERFIRE\_PATT/08225073

## CENTERFIRE PATTERNS # 1



# OF SHOTS = 10

# IN CIR

1 in = 3

2 in = 6

3 in = 10

HS = 2.389

VS = 2.195

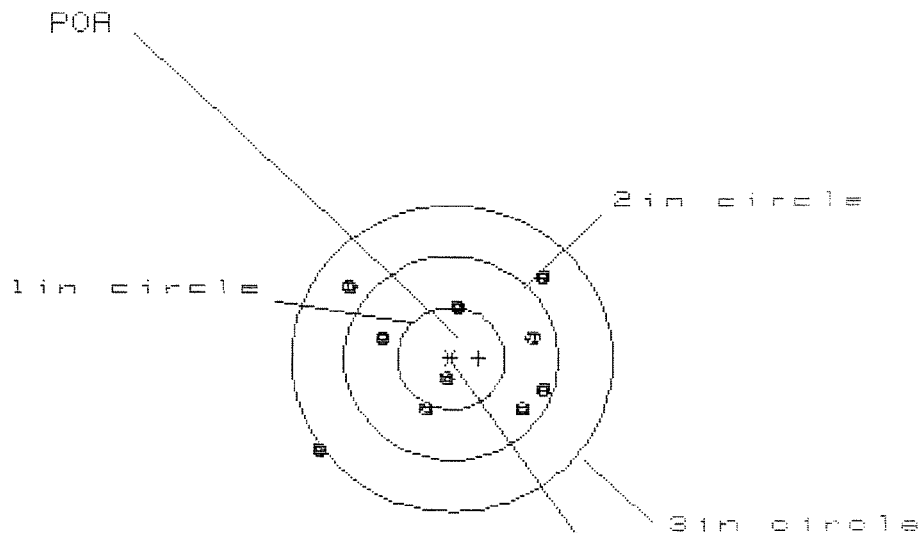
GS = 2.648

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.122  | 1.164  | 1.011  |
| MINIMUM X                     | -1.267 | -1.225 | -1.018 |
| MAXIMUM Y                     | .809   | .656   | .715   |
| MINIMUM Y                     | -1.385 | -1.082 | -1.023 |
| CENTROID X                    | -.027  | -.069  | .084   |
| CENTROID Y                    | .364   | .517   | .458   |
| POA TO CENTROID in.           | .365   | .522   | .465   |
| MIN RADIUS                    | .393   | .299   | .328   |
| MEAN RADIUS                   | .910   | .833   | .764   |
| MAX RADIUS                    | 1.436  | 1.340  | 1.198  |
| HORIZONTAL SPREAD             | 2.389  | 2.389  | 2.029  |
| VERTICAL SPREAD               | 2.195  | 1.738  | 1.738  |
| EXTREME SPREAD                | 2.648  | 2.648  | 2.376  |
| NUMBER IN ONE INCH CIRCLE =   | 3      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 6      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 10     |        |        |

15 Sep 1994

FILE:/PATTERNING/CENTERFIRE\_PATT/C6225073

## CENTERFIRE PATTERNS # 2



# OF SHOTS = 10

# IN CIR

1 in = 2

2 in = 7

3 in = 9

HS = 2.163

VS = 1.698

GS = 2.679

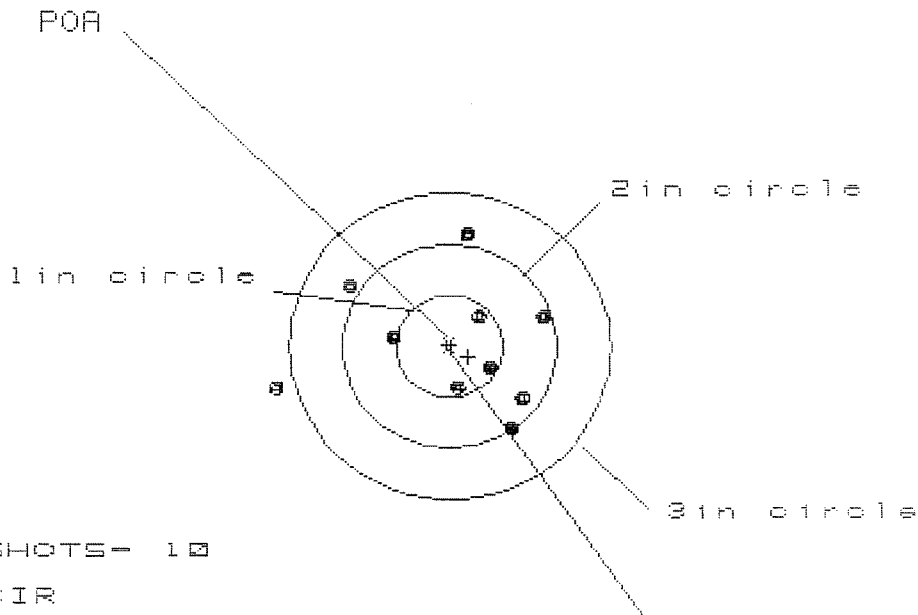
CENTROID \*

| PATTERN #                   | : | 2      |        |       |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | .904   | .764   | .624  |
| MINIMUM X                   | : | -1.259 | -1.117 | -.922 |
| MAXIMUM Y                   | : | .787   | .686   | .756  |
| MINIMUM Y                   | : | -.911  | -.601  | -.531 |
| CENTROID X                  | : | -.258  | -.118  | .022  |
| CENTROID Y                  | : | -.005  | .096   | .026  |
| POA TO CENTROID in.         | : | .258   | .152   | .033  |
| MIN RADIUS                  | : | .205   | .365   | .425  |
| MEAN RADIUS                 | : | .836   | .751   | .677  |
| MAX RADIUS                  | : | 1.554  | 1.251  | .944  |
| HORIZONTAL SPREAD           | : | 2.163  | 1.881  | 1.546 |
| VERTICAL SPREAD             | : | 1.698  | 1.287  | 1.287 |
| EXTREME SPREAD              | : | 2.679  | 2.128  | 1.671 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |       |

15 Sep 1994

FILE:/PATTERNING/CENTERFIRE\_PATT/06225073

## CENTERFIRE PATTERNS # 3



# OF SHOTS - 10

# IN CIR

1 in = 3

2 in = 7

3 in = 9

HS = 2.461

VS = 1.877

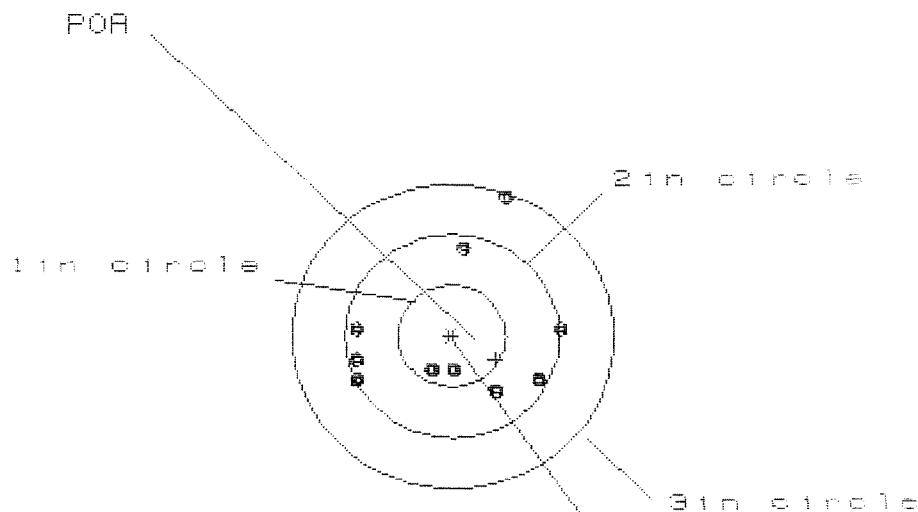
GS = 2.542

| PATTERN #                     | 3      |        |        |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | .827   | .645   | .658   |
| MINIMUM X                     | -1.634 | -1.083 | -1.078 |
| MAXIMUM Y                     | 1.087  | 1.046  | .646   |
| MINIMUM Y                     | -.790  | -.831  | -.701  |
| CENTROID X                    | -.174  | .008   | .003   |
| CENTROID Y                    | .105   | .146   | .015   |
| POA TO CENTROID in.           | .203   | .146   | .016   |
| MIN RADIUS                    | .343   | .216   | .235   |
| MEAN RADIUS                   | .824   | .694   | .632   |
| MAX RADIUS                    | 1.676  | 1.199  | 1.257  |
| HORIZONTAL SPREAD             | 2.461  | 1.728  | 1.728  |
| VERTICAL SPREAD               | 1.877  | 1.877  | 1.346  |
| EXTREME SPREAD                | 2.542  | 1.988  | 1.988  |
| NUMBER IN ONE INCH CIRCLE =   |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 7      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 9      |        |

15 Sep 1994

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225073

## CENTERFIRE PATTERNS # 4



# OF SHOTS = 10

# IN CIR

1in = 2

2in = 7

3in = 10

HS = 1.911

VS = 1.309

GS = 2.373

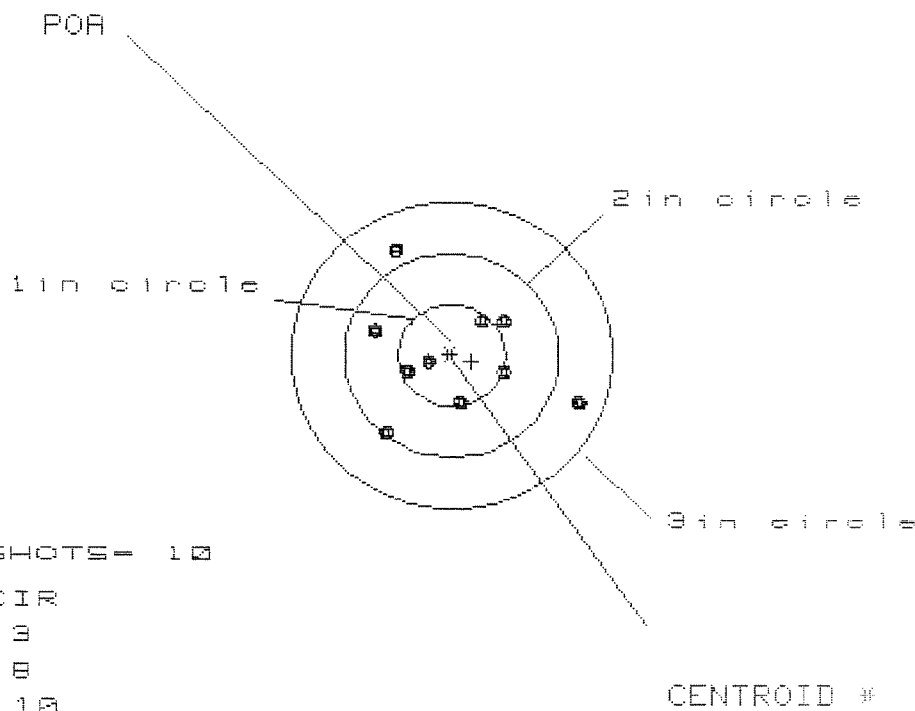
CENTROID \*

| PATTERN #                     | 4     |
|-------------------------------|-------|
| SHOTS (BEST OF)               | 10    |
| MAXIMUM X                     | 1.008 |
| MINIMUM X                     | -.903 |
| MAXIMUM Y                     | 1.350 |
| MINIMUM Y                     | -.559 |
| CENTROID X                    | -.409 |
| CENTROID Y                    | .231  |
| FOR TO CENTROID in.           | .470  |
| MIN RADIUS                    | .339  |
| MEAN RADIUS                   | .843  |
| MAX RADIUS                    | 1.430 |
| HORIZONTAL SPREAD             | 1.911 |
| VERTICAL SPREAD               | 1.909 |
| EXTREME SPREAD                | 2.273 |
| NUMBER IN ONE INCH CIRCLE =   | 2     |
| NUMBER IN TWO INCH CIRCLE =   | 7     |
| NUMBER IN THREE INCH CIRCLE = | 10    |

15 Sep 1994

FILE:/PATTERNING/CENTERFIRE\_PATT/C6225073

## CENTERFIRE PATTERNS # 5



# OF SHOTS= 10

# IN CIR

1 in = 3

2 in = 8

3 in = 10

HS= 1.885

VS= 1.836

GS= 2.232

CENTROID \*

| PATTERN #                     | 5     |       |       |
|-------------------------------|-------|-------|-------|
| SHOTS (BEST OF)               | 10    | 9     | 8     |
| MAXIMUM X                     | 1.137 | .614  | .562  |
| MINIMUM X                     | -.748 | -.621 | -.673 |
| MAXIMUM Y                     | 1.063 | 1.018 | .459  |
| MINIMUM Y                     | -.773 | -.818 | -.691 |
| CENTROID X                    | -.185 | -.312 | -.260 |
| CENTROID Y                    | .058  | .103  | -.024 |
| POA TO CENTROID in.           | .194  | .328  | .261  |
| MIN RADIUS                    | .196  | .111  | .122  |
| MEAN RADIUS                   | .680  | .612  | .538  |
| MAX RADIUS                    | 1.209 | 1.099 | .858  |
| HORIZONTAL SPREAD             | 1.885 | 1.235 | 1.235 |
| VERTICAL SPREAD               | 1.836 | 1.836 | 1.150 |
| EXTREME SPREAD                | 2.232 | 1.837 | 1.553 |
| NUMBER IN ONE INCH CIRCLE =   |       | 3     |       |
| NUMBER IN TWO INCH CIRCLE =   |       | 8     |       |
| NUMBER IN THREE INCH CIRCLE = |       | 10    |       |

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225073

| OP. #        | OP. NAME                                                       | READINGS | DATE    | INITIAL |
|--------------|----------------------------------------------------------------|----------|---------|---------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   |          | 9/1/94  | RW      |
| 600          | Proof                                                          |          | 9/1/94  | RW      |
| 607          | Check Headspace                                                |          | 9/1/94  | RW      |
| 610          | Dis-assemble Gun                                               |          | 9/1/94  | 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          |          | 9/12/94 | RW      |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 9/12/94 | RW      |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 9/12/94 | RW      |
|              | D) Oil Firing Pin Ass'y                                        |          | 9/12/94 | RW      |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          |         |         |

| op. #        | BARBER - M24 0048314<br>OP. NAME                                  | READINGS |      |      |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------------|----------|------|------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                                |          |      |      |      |      |         |      |
|              | G) Safety Off Force                                               |          |      |      |      |      |         |      |
|              | H) Trigger Pull Test &<br>Retainability                           |          |      |      |      |      |         |      |
|              | I) Firing Pin Indent                                              |          |      |      |      |      |         |      |
|              | J) Assemble Stock                                                 |          |      |      |      |      |         |      |
|              | K) Assemble Swivel Studs                                          |          |      |      |      |      |         |      |
|              | L) Attach Front and Rear<br>Sight Assemblies                      |          |      |      |      |      |         |      |
|              | M) Iron Sight Alignment                                           |          |      |      |      |      |         |      |
|              | N) Detach Front & Rear<br>Sights & place in<br>numbered container |          |      |      |      |      |         |      |
|              | O) Attach Scope to Rifle                                          |          |      |      |      |      |         |      |
|              | P) Detach & Attach Scope<br>20 Times                              |          |      |      |      |      |         |      |
| 640          | Gallery Target & Test                                             |          |      |      |      |      | 9/12 OK | WLB  |
|              | A) Time                                                           |          |      |      |      |      | 9/12    | WLB  |
|              | B) Malfunctions                                                   |          |      |      |      |      | 9/12 OK | WLB  |
|              | C) Pierced Primers                                                |          |      |      |      |      | 9/12 OK | WLB  |
|              | D) Optical Clarity of Scope                                       |          |      |      |      |      | 9/12 OK | WLB  |
| 645          | Inspect for Live Ammo                                             |          |      |      |      |      | 9/12    | WLB  |
| 655          | Final Inspection<br>A) Headspace                                  |          |      |      |      |      | 9/14/94 | RW   |
|              | B) Trigger Pull                                                   | 2.45     | 2.44 | 2.43 | 2.46 | 2.46 | 9/14/94 | RW   |
|              | C) Function                                                       |          |      |      |      |      | 9/14/94 | RW   |
| 660          | Pack                                                              |          |      |      |      |      |         |      |