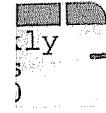


C6498786



MODEL 700<sup>TM</sup> M24



# RECORDS CONTROL SCHEDULE

RECORDS CATEGORY OR TITLE:

[REDACTED]

[REDACTED]

COPY "O" (OFFICIAL) ☐

"X" (EXTRA) ☒

TOTAL RETENTION:

[REDACTED]

[REDACTED]

GS-11050 Rev. 8/78

61  
C6498786

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

\*Includes 1 in chamber.

*Remington*

## Repair Inquiry

Repair Number: RE00128529

Serial: C6498786 Model M24 SWS Center Fire  
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

New 4/24/2007 7:30:12 AM

## Address Information

Customer:

Received From

Return To:

Received From

Name: SSD ARMSROOM

SSD ARMSROOM

Address 1: 8TH DESERT STORM

8TH DESERT STORM

Address 2: BLDG 5210 BAY DOOR #30

PO Box:

BLDG 5210 BAY DOOR #30

PO Box:

City: FORT CAMPBELL

FORT CAMPBELL

State: KY

Zip Code: 42223

Country: US

State: KY

Zip Code: 42223

Country: US

FFL:

## Contact / Condition

## Problems

## Estimate

## History / Status

## Shipping / Billing

## Contact Information

Phone: NN

Fax:

Email:

Comments:

## Received Condition

Fair

Condition  
Notes:CSR  
Notes:

## Accessories Received

| Code | Desc                  | Qty |
|------|-----------------------|-----|
| A007 | With Stud             | 3   |
| A010 | Hard Case             | 1   |
| A017 | Scope Base            | 1   |
| A026 | Scope                 | 1   |
| A045 | Bi Pod                | 1   |
| A057 | Fit and Rear Sgt Base | 1   |

## Repair Search

## Refresh

## Close

nagletj

4/24/2007

8:09 AM

CAPS

NUM

INS

SCRL

start

3 Mi...

5 Int...

Arms ...

Part S...

6 Mi...

2 Wi...

8:09 AM

Serial Number: C6498786

Model: M24 SWS



RE00128529

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498786.\_\_\_0  
FILE DATE AND TIME: 05/31/2007 01:09

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.134 |
| The Average Y Centroid of the Five Target Set:              | 0.046 |
| The Average Point of Impact of the Five Target Set:         | 0.141 |
| The Average Mean Radius of the Five Target Set:             | 0.659 |
| The Distance from POA to Centroid Target #1:                | 0.486 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.407 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.417 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.610 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.467 |

**BARBER - M24 0007704**

SERIAL NUMBER: C6498786. 0

TARGET NUMBER: 1

FILE DATE: 05/31/2007

FILE TIME: 01:09

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.657 | 0.975  |
| 2:     | -0.554 | 0.404  |
| 3:     | -0.096 | 0.288  |
| 4:     | 0.217  | 0.560  |
| 5:     | -0.159 | -0.605 |
| 6:     | 0.302  | -0.362 |
| 7:     | 0.719  | -0.526 |
| 8:     | 1.463  | -0.189 |
| 9:     | 1.460  | 0.068  |
| 10:    | 1.905  | 0.963  |

X CENTROID: 0.460

Y CENTROID: 0.158

POA TO CENTROID: 0.486

HORZ SPREAD: 2.562

VERT SPREAD: 1.580

GROUP SPREAD: 2.592

MIN RADIUS: 0.470

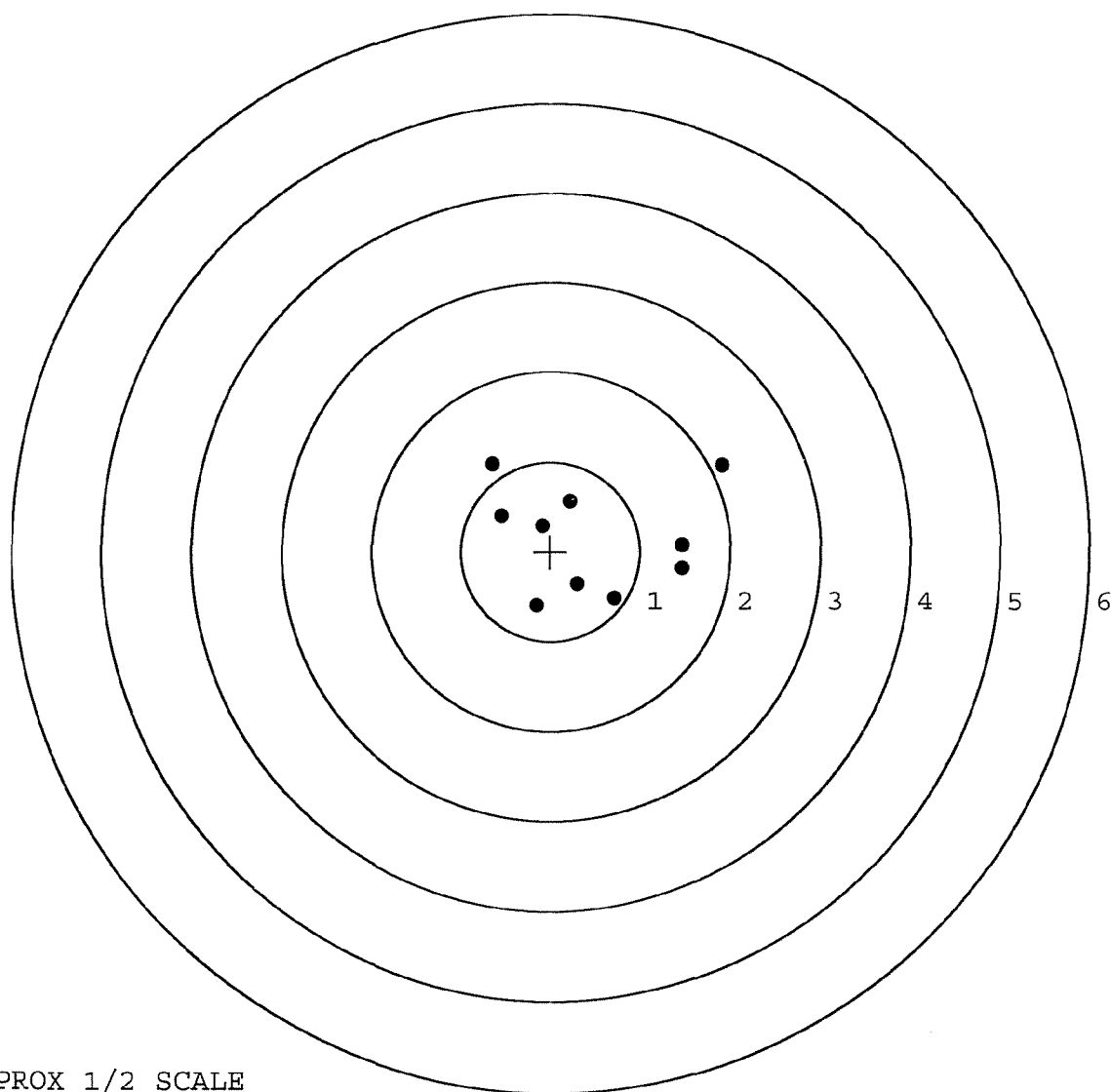
MAX RADIUS: 1.654

MEAN RADIUS: 0.944

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 5

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

**BARBER - M24 0007705**

SERIAL NUMBER: C6498786. \_\_0

TARGET NUMBER: 2

FILE DATE: 05/31/2007

FILE TIME: 01:09

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.382  | 1.217  |
| 2:     | -0.084 | 0.720  |
| 3:     | -0.725 | 0.356  |
| 4:     | -0.260 | 0.146  |
| 5:     | 0.173  | 0.161  |
| 6:     | 0.342  | -0.139 |
| 7:     | 0.461  | -0.315 |
| 8:     | 0.779  | -0.096 |
| 9:     | -0.085 | -0.324 |
| 10:    | -0.448 | -0.281 |

X CENTROID: 0.053

Y CENTROID: 0.145

POA TO CENTROID: 0.154

HORZ SPREAD: 1.504

VERT SPREAD: 1.541

GROUP SPREAD: 1.713

MIN RADIUS: 0.121

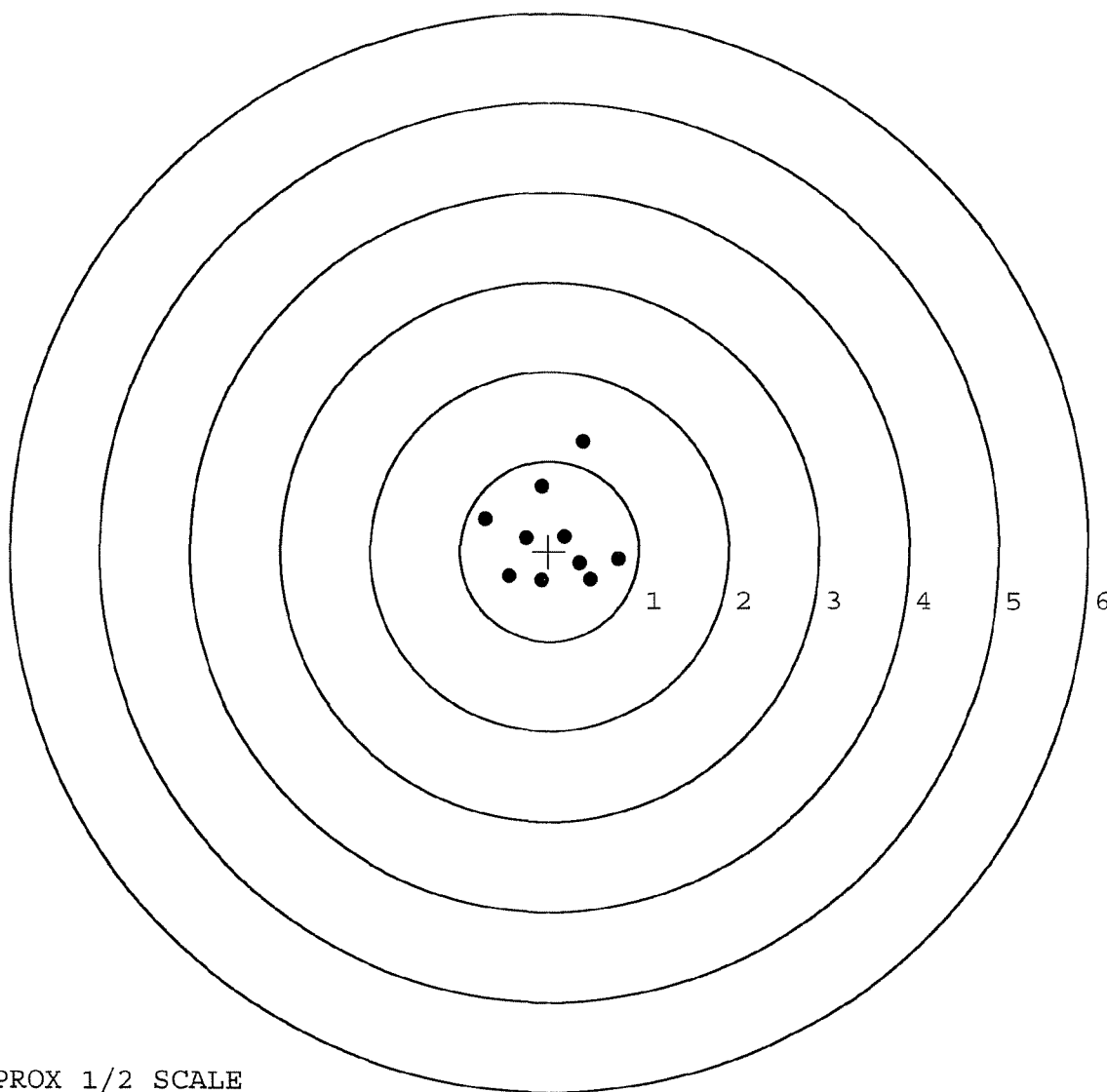
MAX RADIUS: 1.122

MEAN RADIUS: 0.588

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0007706**

SERIAL NUMBER: C6498786. 0

TARGET NUMBER: 3

FILE DATE: 05/31/2007

FILE TIME: 01:09

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.414 | 0.192  |
| 2:     | -0.773 | -0.439 |
| 3:     | 0.285  | -0.952 |
| 4:     | 0.739  | -1.153 |
| 5:     | 0.199  | -0.207 |
| 6:     | 0.125  | -0.080 |
| 7:     | 0.420  | 0.288  |
| 8:     | 0.516  | 0.171  |
| 9:     | 0.827  | 0.113  |
| 10:    | 0.859  | -0.105 |

X CENTROID: 0.278

Y CENTROID: -0.217

POA TO CENTROID: 0.353

HORZ SPREAD: 1.632

VERT SPREAD: 1.441

GROUP SPREAD: 1.693

MIN RADIUS: 0.080

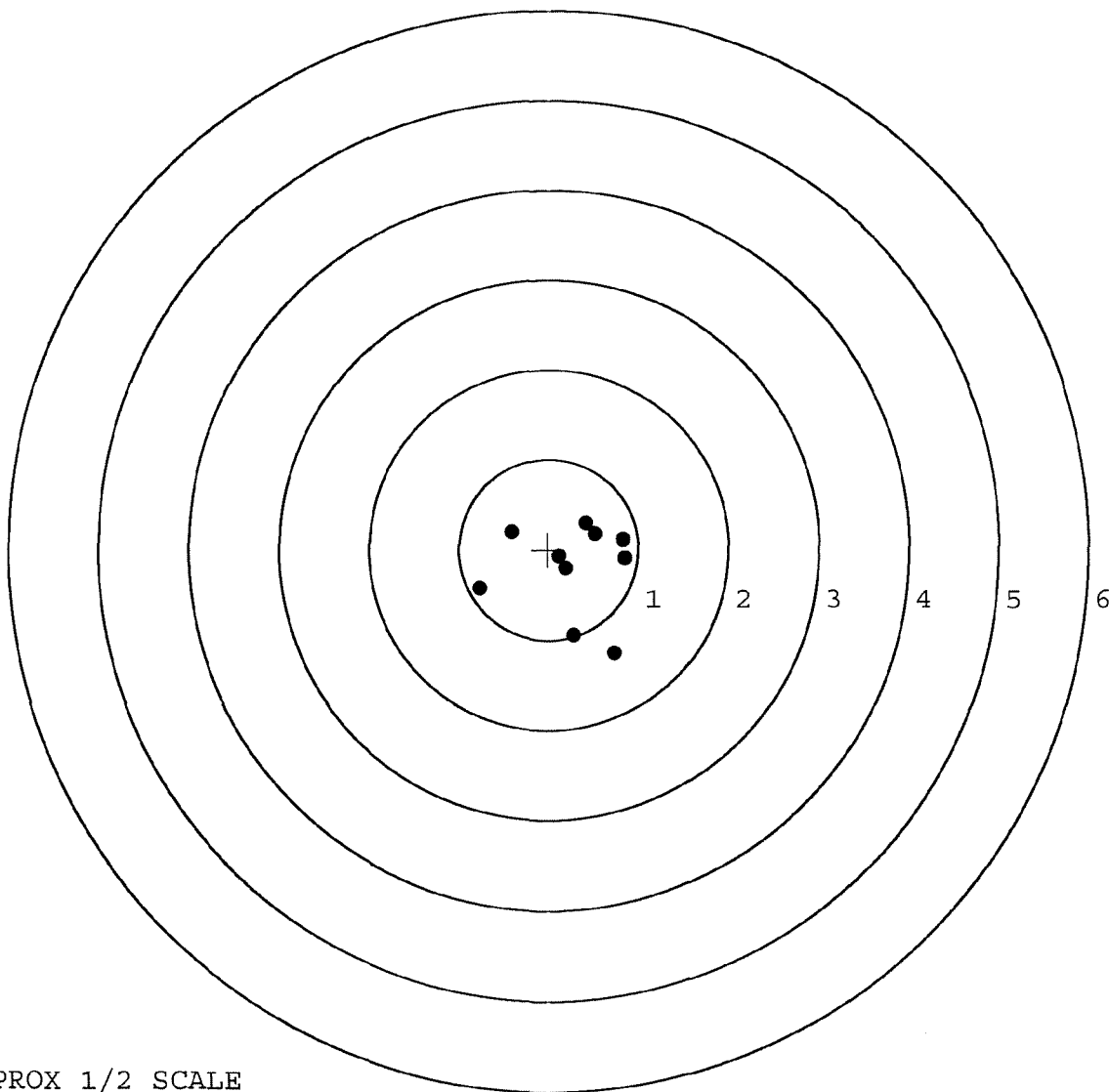
MAX RADIUS: 1.074

MEAN RADIUS: 0.615

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0007707**

SERIAL NUMBER: C6498786. 0

TARGET NUMBER: 4

FILE DATE: 05/31/2007

FILE TIME: 01:09

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.342 | -0.373 |
| 2:     | -0.705 | -0.536 |
| 3:     | -0.392 | 0.475  |
| 4:     | 0.423  | 0.532  |
| 5:     | 0.487  | 0.150  |
| 6:     | 0.382  | -0.357 |
| 7:     | -0.048 | -0.391 |
| 8:     | 0.192  | -0.030 |
| 9:     | 0.026  | 0.067  |
| 10:    | -0.194 | 0.052  |

X CENTROID: -0.117

Y CENTROID: -0.041

POA TO CENTROID: 0.124

HORZ SPREAD: 1.829

VERT SPREAD: 1.068

GROUP SPREAD: 1.983

MIN RADIUS: 0.121

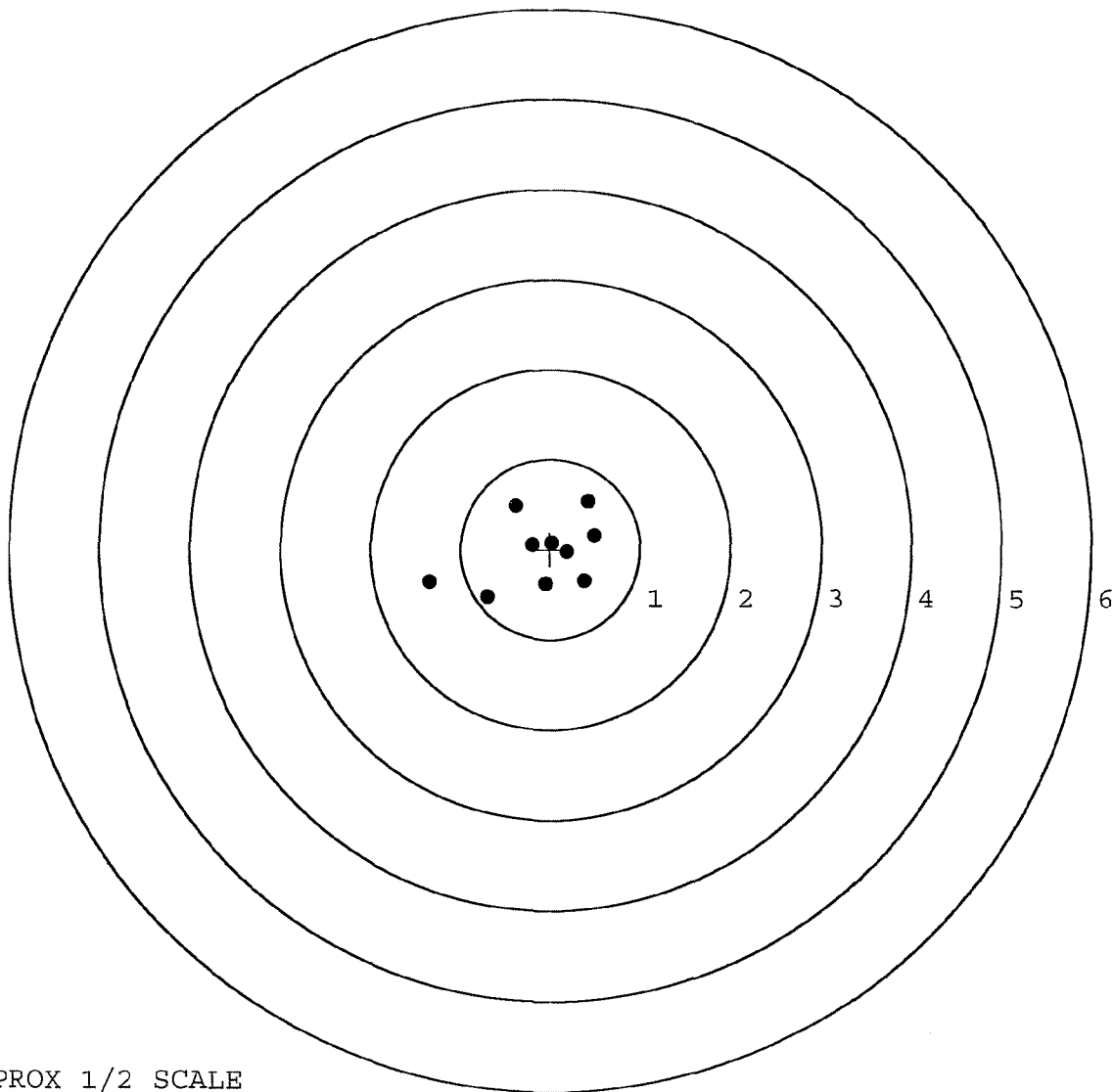
MAX RADIUS: 1.269

MEAN RADIUS: 0.560

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

# BARBER - M24 0007708

SERIAL NUMBER: C6498786. 0

TARGET NUMBER: 5

FILE DATE: 05/31/2007

FILE TIME: 01:09

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.228  | 1.157  |
| 2:     | -0.144 | 0.533  |
| 3:     | 0.020  | 0.430  |
| 4:     | -0.803 | 0.283  |
| 5:     | -0.223 | 0.203  |
| 6:     | -0.142 | -0.469 |
| 7:     | 0.181  | -0.618 |
| 8:     | 0.290  | -0.332 |
| 9:     | 0.635  | 0.033  |
| 10:    | -0.103 | 0.642  |

X CENTROID: -0.006

Y CENTROID: 0.186

POA TO CENTROID: 0.186

HORZ SPREAD: 1.438

VERT SPREAD: 1.775

GROUP SPREAD: 1.776

MIN RADIUS: 0.218

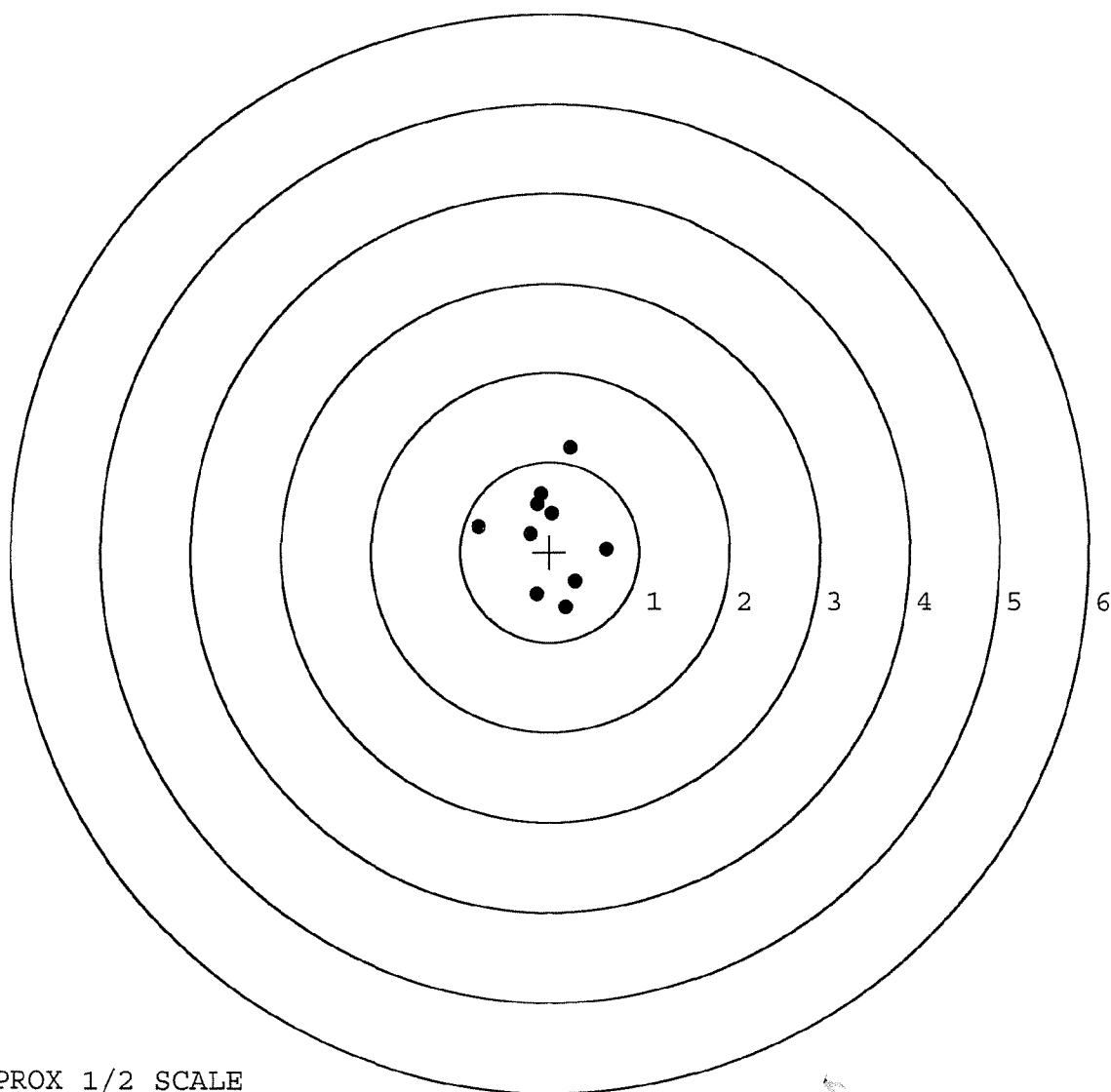
MAX RADIUS: 0.999

MEAN RADIUS: 0.585

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

| R & E NUMBER  | 128529               |                        |         |    |
|---------------|----------------------|------------------------|---------|----|
| SERIAL NUMBER | C6498786             |                        |         |    |
| LOG-IN DATE   | 4-24-07              |                        |         |    |
| OPERATION #   | OPERATION NAME       | DATE                   | INITIAL |    |
| 500           | DIS-ASSEMBLE GUN     | 5-16-07                | RTZ     |    |
| 505           | RE-BARREL            | 5-18-07                | RTZ     |    |
| 560           | ASSEMBLE             | 5-18-07                | RTZ     |    |
| 600           | PROOF                | 5-18-07                | TRW     |    |
| 605           | CHECK HEADSPACE      | 5-18-07                | TRW     |    |
| 610           | DIS-ASSEMBLE GUN     | 5-21-07                | RTZ     |    |
| 612           | MAGNAFLUX            | 5-21-07                | TRW     |    |
| 510           | DRILL AND TAP        | 5-21-07                | TRW     |    |
| 615           | ROLLMARK CALIBER     | 5-21-07                | CW      |    |
| 618           | ROTO-BLAST           | 5-22-07                | LB      |    |
| 620           | APPLY COATINGS       | 5-24-07                | W       |    |
| 625           | FINAL ASSEMBLY       | 5-30-07                | RTZ     |    |
| 640           | FUNCTION TEST AND    | 5-30-07                | TRW     |    |
| 650           | TARGET               | 5-30-07                | TRW     |    |
|               | MALFUNCTION          | CORRECTION             |         |    |
|               | MALFUNCTION          | CORRECTION             |         |    |
|               | MALFUNCTION          | CORRECTION             |         |    |
|               | MALFUNCTION          | CORRECTION             |         |    |
| 670           | FINAL INSPECTION     | 5-30-07                | FM      |    |
|               | A) HEADSPACE         | 6-8-07                 | RTZ     |    |
|               | B) TRIGGER PULL      | 6-8-07                 | RTZ     |    |
|               |                      | 280 2.76 2.76 282 2.89 | 6-1-07  | DA |
| 680           | F) SAFETY ON FORCE   | 40 40 40               | 6-1-07  | DA |
|               | G) SAFETY OFF FORCE  | 25 25 25               | 6-1-07  | DA |
|               | I) FIRING PIN INDENT | 1.024 1.023 1.024      | 6-1-07  | DA |
| 690           | PACK                 |                        | 6-8-07  | DA |

Serial Number: C6498786

Model: 700 f



RE00004857

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: RE00004857
Verify Repair

Serial: C6498786 Model 700 Center Fire Caliber: 7.62 M-24 (SWS)

Repairman:
Status: New 2/16/00 7:47:33 AM

Address Information

Customer:
Name: TRANSPORTATION OFFICER
Address 1: ATTN: AFZB-DL-T0
Address 2: BLDG. 873
City: FORT CAMPBELL
State: KY Zip Code: 422231294 Country: US

Received From:
Return To: TRANSPORTATION OFFICER
ATTN: AFZB-DL-T0
BLDG. 873
FORT CAMPBELL
State: KY Zip Code: 422231294 Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:
Fax:
Email:
Comments:

Received Condition

Fair
Condition Notes:
CSR Notes:

Accessories Received

| Code | Desc        | Qty |
|------|-------------|-----|
| A007 | With Stud   | 2   |
| A008 | With Swivel | 1   |
| A010 | Hard Case   | 1   |
| A017 | Scope Base  | 1   |

Repair Search

Refresh

Close

nagletj
2/16/00
8:52 AM
CAPS
NUM
INS
SCRL

Start
Inb...
Na...
SA...
Mic...
Mic...
Exp...
Ar...
Fin...
DE...
UP...
SA...
Pin...
8:52 AM

BBL - 96003

**BARBER - M24 0007711**

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6498786  
25 Apr 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2608  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2578  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .366712

THE AMR FOR THIS RIFLE IS: 1.247

**CENTROIDAL DISTANCES**

|      |   |         |
|------|---|---------|
| Ø TO | 1 | 1.12361 |
| 1 TO | 2 | .226385 |
| 1 TO | 3 | 1.32608 |
| 1 TO | 4 | 1.12203 |
| 1 TO | 5 | 1.28306 |

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

**BARBER - M24 0007712**

REMINGTON CENTERFIRE ACCURACY TEST

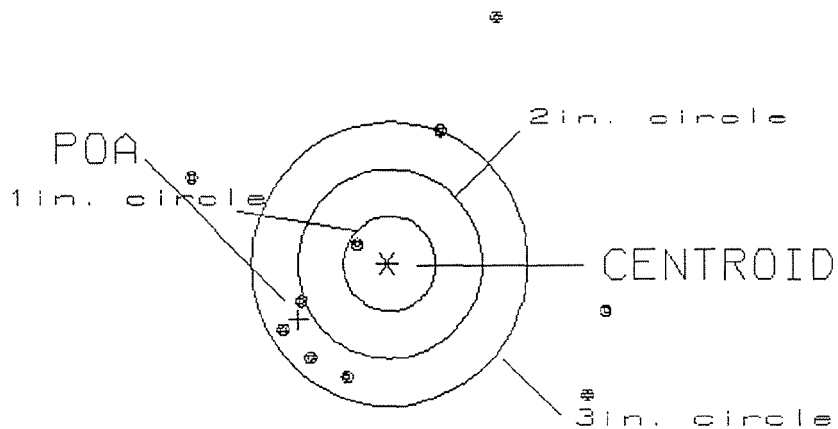
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐  
 POA TO CENTROID: 1.123  
 MIN RADIUS : .434  
 MEAN RADIUS : 1.711  
 MAX RADIUS : 2.848  
 CENTROID X : .955  
 CENTROID Y : .592

25 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6498786

**CENTERFIRE PATTERN # 1**



# OF SHOTS= 10

# IN CIRCLE

HS= 4.46  
 VS= 3.98  
 GS= 4.82

1  
 1  
 5

**BARBER - M24 0007713**

REMINGTON CENTERFIRE ACCURACY TEST

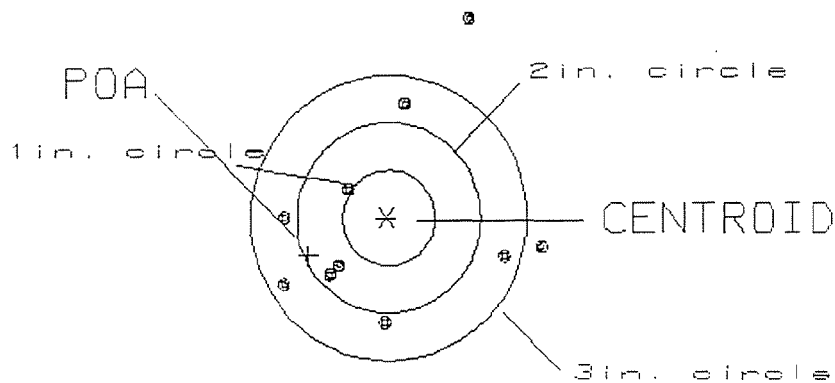
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2  
 POA TO CENTROID: .929  
 MIN RADIUS : .536  
 MEAN RADIUS : 1.227  
 MAX RADIUS : 2.301  
 CENTROID X : .840  
 CENTROID Y : .397

25 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6498786

**CENTERFIRE PATTERN # 2**



# OF SHOTS= 10

# IN CIRCLE

HS= 2.82

0

VS= 3.28

3

GS= 3.47

8

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 030

POA TO CENTROID: .443

MIN RADIUS : .565

MEAN RADIUS : 1.049

MAX RADIUS : 1.597

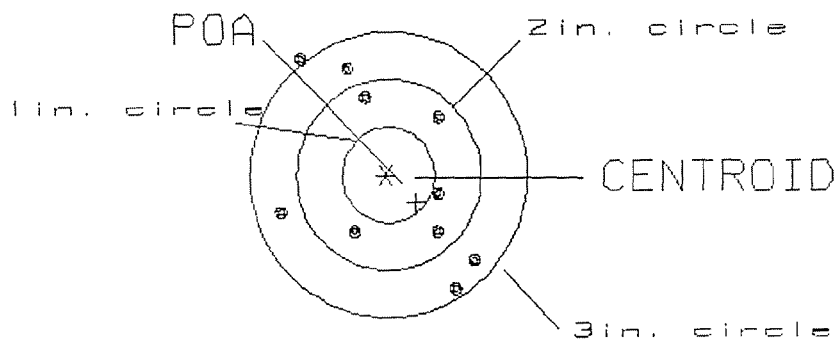
CENTROID X : -.336

CENTROID Y : .289

25 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6490786

# CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 2.11

0

US= 2.46

5

GS= 2.98

9

REMINGTON CENTERFIRE ACCURACY TEST

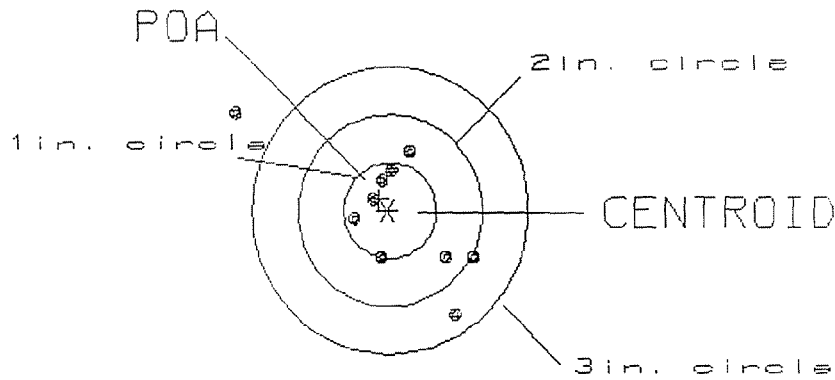
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4  
 POA TO CENTROID: .148  
 MIN RADIUS : .246  
 MEAN RADIUS : .769  
 MAX RADIUS : 1.985  
 CENTROID X : .087  
 CENTROID Y : -.119

25 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6498786

# CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 2.59  
 VS= 2.08  
 GS= 3.23

5  
 7  
 9

**BARBER - M24 0007716**

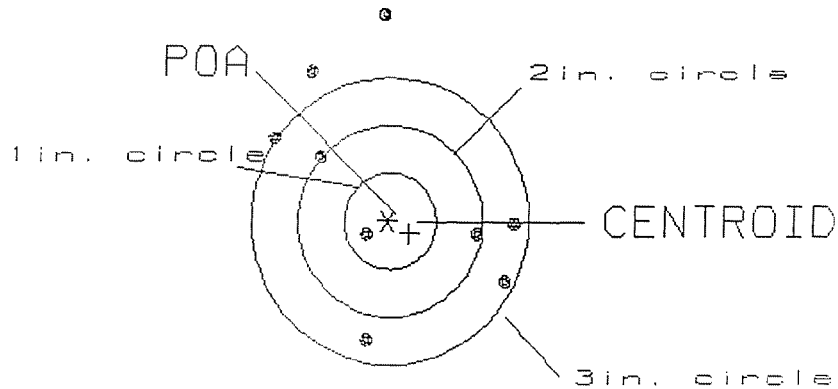
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5  
POA TO CENTROID: .275  
MIN RADIUS : .313  
MEAN RADIUS : 1.481  
MAX RADIUS : 3.080  
CENTROID X : -.242  
CENTROID Y : .130

25 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6498786

**CENTERFIRE PATTERN # 5**

# OF SHOTS= 10

# IN CIRCLE

HS= 2.58  
VS= 5.27  
GS= 5.27

1  
2  
7

## Final Inspection

S.N. C6498786

DATE REC'D: 2-16-00

DATE RET'D:

AUDITOR: JW

## Item:

Barrel Assy.

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

Scope Assy.

☐ Scope☐ Scope Rings☐ Mounting Screws☒ Mounting Base☒ Screws☐ Finish☐ Looseness☐ CLARITY

## Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

## Item:

Stock Assy.

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

Systems Case

☐ Scope Case☐ Iron SIGHTS☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments:

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

[illegible]

94B

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                      |  |                                       |                                             |                                                                                             |          |                                                 |                                                     |                                              |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------|--|---------------------------------------|---------------------------------------------|---------------------------------------------------------------------------------------------|----------|-------------------------------------------------|-----------------------------------------------------|----------------------------------------------|--|
| <b>MAINTENANCE REQUEST</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                      |  | PAGE NO. <u>1</u>                     |                                             | NO. OF PAGES <u>1</u>                                                                       |          | 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.                                       |  |                                       | WESDC                                       |                                                                                             | ORG. PD  |                                                 | PD AUTHENTICATION                                   |                                              |  |
| <input type="checkbox"/> Work Request<br><input type="checkbox"/> MWO<br><input checked="" type="checkbox"/> Warranty Claim                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 1A. ORGANIZATION<br><u>C Co 3/5 SFG</u>              |  |                                       | B. LOCATION<br><u>Ft. Campbell Ky 42223</u> |                                                                                             |          | C. UNIT IDENT CODE<br><u>WH06CO</u>             |                                                     |                                              |  |
| 2. SERIAL NO.<br><u>C6498786</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | 3. NOUN NOMENCLATURE<br><u>M24 Sniper Rifle 7.62</u> |  |                                       | 4. LINE NO.<br><u>R95387</u>                |                                                                                             | 5. MODEL |                                                 | 6. NATIONAL STOCK NUMBER<br><u>1005-01-240-2136</u> |                                              |  |
| 7A. MAINTENANCE ACTIVITY<br><u>IMO</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | B. LEVEL                                             |  | 8. UTILIZATION CODE                   |                                             | 9A. MCSR ITEM                                                                               |          | 9B. ERC                                         |                                                     | 9C. PACING ITEM                              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                      |  |                                       |                                             |                                                                                             |          |                                                 |                                                     |                                              |  |
| 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 type="checkbox"/> C Test                      |  | <input type="checkbox"/> E Storage    |                                             | <input type="checkbox"/> G Flight                                                           |          | <input type="checkbox"/> 068 Inoperative        |                                                     | <input type="checkbox"/> 258 Overheating     |  |
| <input type="checkbox"/> B Handling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | <input type="checkbox"/> D Normal Op                 |  | <input type="checkbox"/> F Inspection |                                             | <input checked="" type="checkbox"/> H Other                                                 |          | <input type="checkbox"/> 008 Noisy              |                                                     | <input type="checkbox"/> 387 Low Performance |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                      |  |                                       |                                             |                                                                                             |          |                                                 |                                                     |                                              |  |
| 16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs).<br><u>5,100 Rnds fired</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                      |  |                                       |                                             |                                                                                             |          |                                                 |                                                     |                                              |  |
| B. REMARKS<br><u>W52 H095 345 H245</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                      |  |                                       |                                             |                                                                                             |          |                                                 |                                                     |                                              |  |
| <b>PREPARATION INSTRUCTIONS (Prior to using this form, read DA PAM 738-750 for detailed preparation instructions)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                      |  |                                       |                                             |                                                                                             |          |                                                 |                                                     |                                              |  |
| <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <p>1. Place a "✓" or an "X" in the box for the type of action required.</p> <p>2. Enter the WESDC if the item is Materiel Condition Status Reportable.</p> <p>3. Enter the priority designator as determined from the urgency of need and force activity designator.</p> <p>4. The Unit Commander, Chief of TDA activity or their designated representative will authenticate, by signature, a priority of 01 through 08.</p> <p>5. Block 1A. Enter the name of the organization submitting the request.</p> <p>6. Block 1B. Enter the unit submitting the request; units overseas enter APO only.</p> <p>7. Block 1C. Enter the unit identification code of the unit in block 1A.</p> <p>8. Block 2. Enter the equipment serial number. For ammunition, enter the lot number. For administrative-use vehicles, enter the USA registration number.</p> <p>9. Block 3. Enter the noun abbreviation of the item.</p> <p>10. Block 4. Enter the item line number, if applicable.</p> <p>11. Block 5. Enter the model number.</p> <p>12. Block 6. Enter the National Stock Number of the item listed in Block 3.</p> </div> <div style="width: 50%;"> <p>13. Block 7. Enter the name of the support activity.</p> <p>14. Block 7A. Enter the symbol of the maintenance category (O, F, H, D, or L).</p> <p>15. Block 8. Enter the utilization code.</p> <p>16. Block 9A. Enter the word "yes" if the item is Materiel Condition Status Reportable.</p> <p>17. Block 9B. Enter the equipment readiness code, if applicable.</p> <p>18. Block 9C. Enter the word "yes" if the item is a pacing item.</p> <p>19. Block 10. Enter the hour reading, if applicable.</p> <p>20. Block 11. Enter the mileage from the odometer, if applicable.</p> <p>21. Block 12. Enter the total rounds fired, if applicable.</p> <p>22. Block 13. For turbine engines, enter the number of hot starts.</p> <p>23. Block 14. Enter a "✓" or "X" in the proper block.</p> <p>24. Block 15. Enter a "✓" or "X" in the proper block.</p> <p>25. Block 16. Describe briefly the fault or symptoms needing correction.</p> </div> </div> |  |                                                      |  |                                       |                                             |                                                                                             |          |                                                 |                                                     |                                              |  |
| 23. SUBMITTED BY<br><u>Tommy J. Williams</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                      |  | 24. RECEIVED BY                       |                                             |                                                                                             |          |                                                 |                                                     |                                              |  |
| JULIAN DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                      |  | JULIAN DATE                           |                                             |                                                                                             |          |                                                 |                                                     |                                              |  |

RECEIVING BARBERS M24 0007759

COMMENTS

ORDER  
R 95-30902INITIAL  
JJM

CUSTOMER ORDER NO.

W/LEUPOLD 10X SCOPE

Scope 89-0872

| DATE RECEIVED                               | DATE OPENED | DATE CODE | SERIAL NUMBER | NEW SERIAL NUMBER | MODEL AND GRADE |
|---------------------------------------------|-------------|-----------|---------------|-------------------|-----------------|
| 12/04/95                                    | 12/05/95    |           | C6498786      |                   | 700 7.62 NATO   |
| ACCESSORIES HARD CASE SCOPE MNTS SCOPE BASE |             |           |               |                   |                 |

FROM:

TRANSPORTATION OFFICE  
FT CAMPBELL

KY 42223

SHIP TO:

TRANSPORTATION OFFICE  
FT CAMPBELLKY  
42223

CUST NO: 087942 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

- ☐ NEW  
☐ LIGHTLY WORN  
☐ WORN  
☐ VERY WORN  
☐ UNREPAIRABLE  
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

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

MAIN FAULT

PARTS

COMMENTS

Barrel 96003

Repowder Cont Trigger Guard  
Assy Front & Rear Sight Bases  
ReZinc Scope Base, Rings &  
S Wive l StudsScope Sent back to Vendor  
to be Checked

| REPAIRMAN      | PROOF   | CLEAN  | TEST   | TARGET | PATTERN |
|----------------|---------|--------|--------|--------|---------|
| RW             |         |        |        |        |         |
| GALLERY TESTER | DATE    | DATE   | DATE   | DATE   | DATE    |
| RW             | 12/2/95 | 1/5/96 | 1/8/96 | 1/8/96 |         |

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

BARBER - M24 0007759

## Final Inspection

Sn: C6498786

DATE REC'D: 12/04/95

DATE RET'D:

AUDITOR: RW

## Item:

Barrel Assy.

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

Scope Assy.

☒ Scope☒ Scope Rings☒ Mounting Screws☒ Mounting Base☒ SCREWS☒ FINISH☒ LOOSENESS☒ CLARITY

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

## Item:

Stock Assy.

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

Systems Case

☐ Scope Case☐ Iron Sights☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments: \_\_\_\_\_

New Barrel

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498786

| OP. #        | OP. NAME                                                       | READINGS | DATE     | INITIAL |
|--------------|----------------------------------------------------------------|----------|----------|---------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   |          | 12/21/95 | RW      |
| 600          | Proof                                                          |          | 12/21/95 | RW      |
| 607          | Check Headspace                                                |          | 12/21/95 | RW      |
| 610          | Dis-assemble Gun                                               |          | 12/21/95 | 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          |          | 1/5/96   | RW      |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 1/5/96   | RW      |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 1/5/96   | RW      |
|              | D) Oil Firing Pin Ass'y                                        |          | 1/5/96   | RW      |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          |          |         |

| op. #        | BARBER - M24 0007723<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                                             |          |      |      |      |      | 1/8/96  | RW   |
|              | A) Time                                                           |          |      |      |      |      |         |      |
|              | B) Malfunctions                                                   |          |      |      |      |      |         |      |
|              | C) Pierced Primers                                                |          |      |      |      |      |         |      |
|              | D) Optical Clarity of Scope                                       |          |      |      |      |      |         |      |
| 645          | Inspect for Live Ammo                                             |          |      |      |      |      | 1/8/96  | RW   |
| 655          | Final Inspection                                                  |          |      |      |      |      |         |      |
|              | A) Headspace                                                      |          |      |      |      |      | 1/10/96 | RW   |
|              | B) Trigger Pull                                                   | 2.26     | 2.33 | 2.37 | 2.22 | 2.34 | 1/10/96 | RW   |
|              | C) Function                                                       |          |      |      |      |      | 1/10/96 | RW   |
| 660          | Pack                                                              |          |      |      |      |      |         |      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6498786  
7 Jan 1900

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .887054 |
| 1 TO | 2 | .563422 |
| 1 TO | 3 | .507332 |
| 1 TO | 4 | .722596 |
| 1 TO | 5 | 1.19331 |

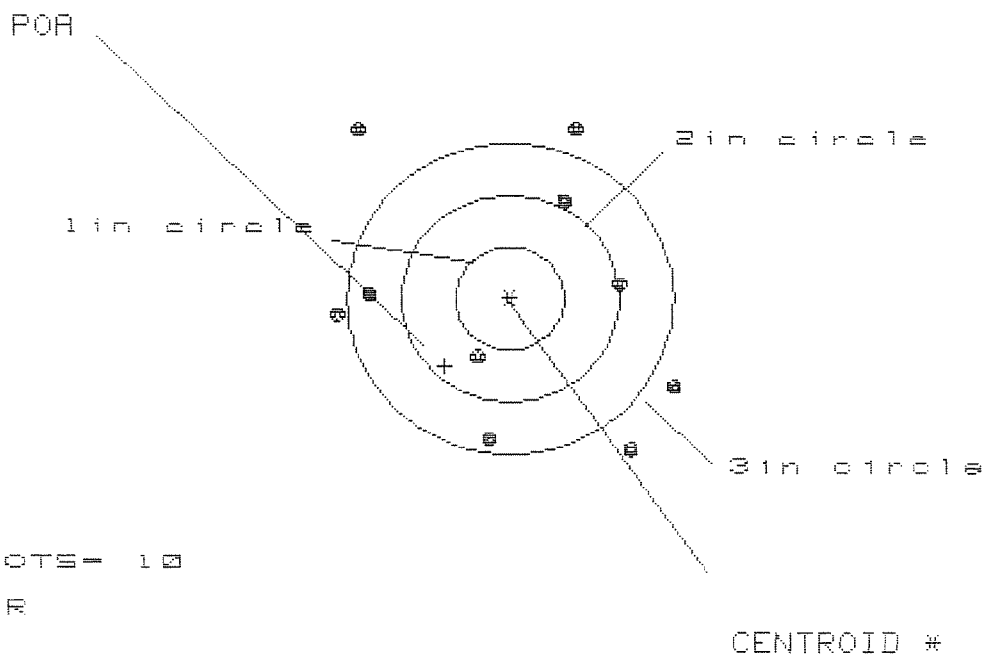
5  
43  
2 1  
+ (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1374  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .9778  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .987467  
THE AMR FOR THIS RIFLE IS: 1.27

7 Jan 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C6498786

## CENTERFIRE PATTERNS # 1



# OF SHOTS = 10

# IN CIR

1 in = 0

2 in = 1

3 in = 5

HS = 3.054

VS = 3.115

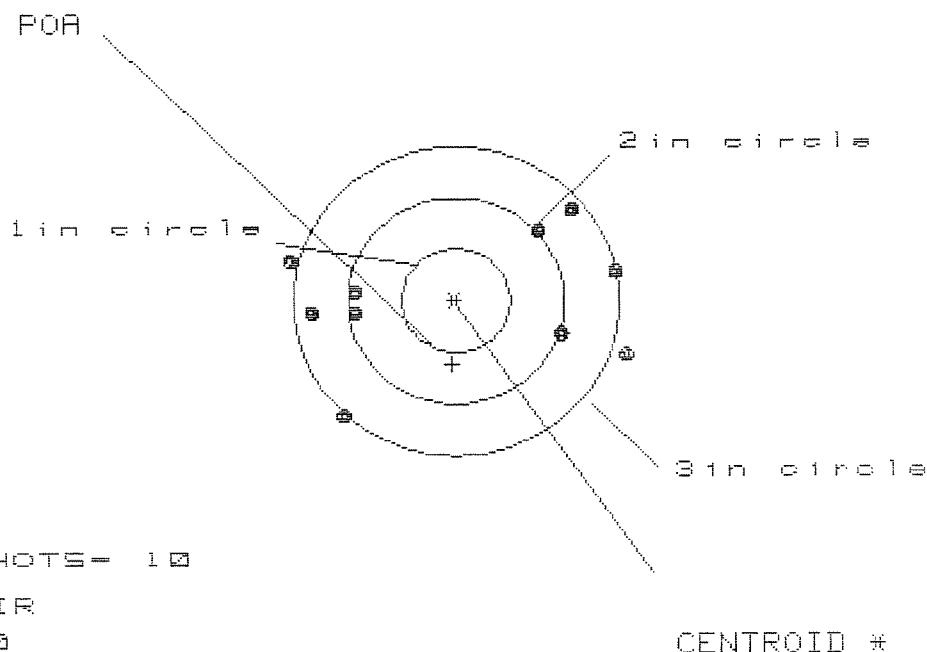
GS = 4.021

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.473  | 1.315  | 1.436  |
| MINIMUM X                     | -1.581 | -1.739 | -1.618 |
| MAXIMUM Y                     | 1.630  | 1.775  | 1.612  |
| MINIMUM Y                     | -1.485 | -1.304 | -1.331 |
| CENTROID X                    | .596   | .754   | .633   |
| CENTROID Y                    | .657   | .476   | .639   |
| POR TO CENTROID in.           | .887   | .891   | .899   |
| MIN RADIUS                    | .636   | .579   | .636   |
| MEAN RADIUS                   | 1.447  | 1.344  | 1.305  |
| MAX RADIUS                    | 2.160  | 1.819  | 1.693  |
| HORIZONTAL SPREAD             | 3.054  | 3.054  | 3.054  |
| VERTICAL SPREAD               | 3.115  | 3.079  | 2.943  |
| EXTREME SPREAD                | 4.021  | 3.140  | 3.140  |
| NUMBER IN ONE INCH CIRCLE =   | 0      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 1      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 5      |        |        |

7 Jan 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/CS49B786

## CENTERFIRE PATTERNS # 2



# OF SHOTS= 10

# IN CIR

1 in = 0

2 in = 3

3 in = 6

HS= 3.038

VS= 2.024

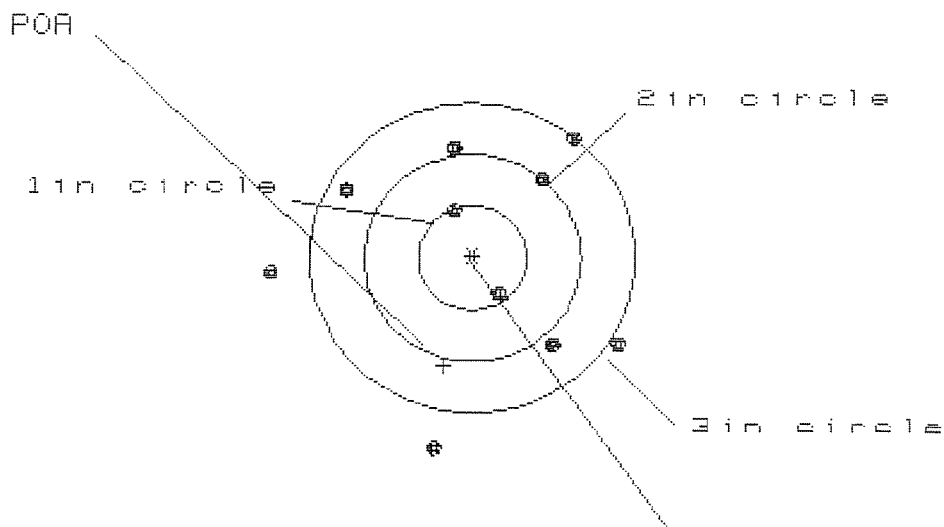
GS= 3.228

| PATTERN #                   | : | 2      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.545  | 1.647  | 1.474  |
| MINIMUM X                   | : | -1.553 | -1.382 | -1.365 |
| MAXIMUM Y                   | : | .888   | .825   | .860   |
| MINIMUM Y                   | : | -1.136 | -1.199 | -1.164 |
| CENTROID X                  | : | .034   | -.137  | .035   |
| CENTROID Y                  | : | .617   | .680   | .645   |
| POA TO CENTROID in.         | : | .618   | .693   | .646   |
| MIN RADIUS                  | : | .931   | .755   | .929   |
| MEAN RADIUS                 | : | 1.300  | 1.241  | 1.220  |
| MAX RADIUS                  | : | 1.644  | 1.665  | 1.548  |
| HORIZONTAL SPREAD           | : | 2.822  | 2.820  | 2.848  |
| VERTICAL SPREAD             | : | 2.024  | 2.024  | 2.024  |
| EXTREME SPREAD              | : | 3.228  | 3.029  | 2.925  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 0      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 3      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 6      |        |

7 Jan 1968

FILE:/PATTERNING/CENTERFIRE\_PATT/CG4387B6

## CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1in = 2

2in = 3

3in = 7

HS= 3.205

VS= 3.049

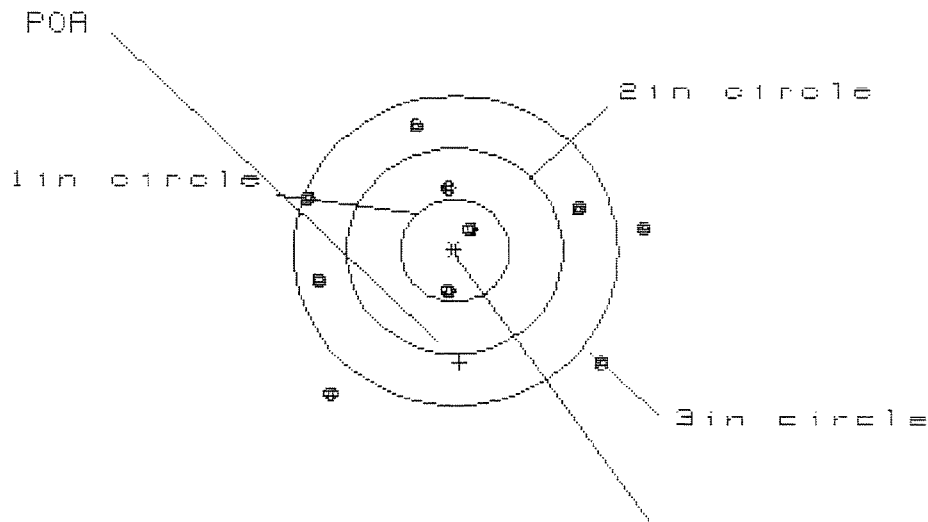
GS= 3.288

| PATTERN #                   | : | 3      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.300  | 1.089  | 1.020  |
| MINIMUM X                   | : | -1.905 | -1.415 | -1.484 |
| MAXIMUM Y                   | : | 1.171  | 1.153  | .916   |
| MINIMUM Y                   | : | -1.879 | -1.896 | -1.082 |
| CENTROID X                  | : | .261   | .472   | .541   |
| CENTROID Y                  | : | 1.038  | 1.055  | 1.292  |
| POA TO CENTROID in.         | : | 1.070  | 1.156  | 1.401  |
| MIN RADIUS                  | : | .440   | .404   | .450   |
| MEAN RADIUS                 | : | 1.224  | 1.124  | .990   |
| MAX RADIUS                  | : | 1.911  | 1.974  | 1.528  |
| HORIZONTAL SPREAD           | : | 3.205  | 2.504  | 2.504  |
| VERTICAL SPREAD             | : | 3.049  | 3.049  | 1.998  |
| EXTREME SPREAD              | : | 3.288  | 3.288  | 2.878  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 3      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 7      |        |

7 Jan 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C8498786

## CENTERFIRE PATTERNS # 4



# OF SHOTS = 10

# IN CIR

1 in = 2

2 in = 3

3 in = 5

HS = 3.128

VS = 2.548

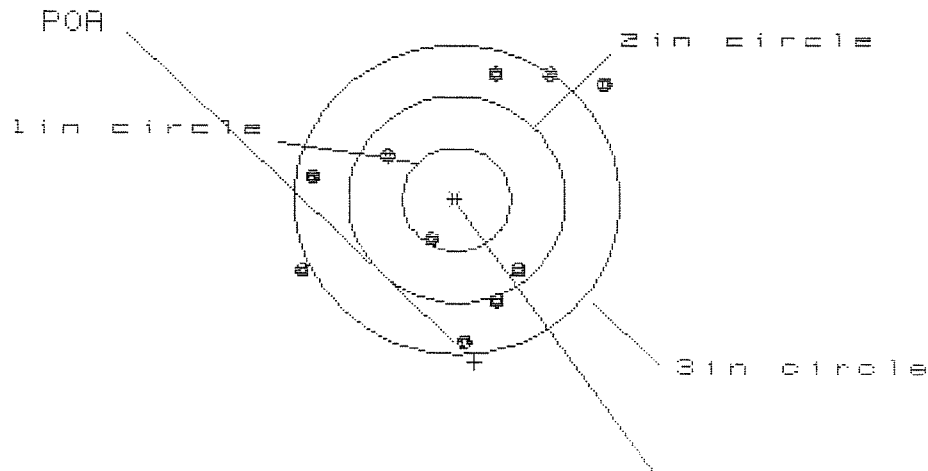
GS = 3.293

| PATTERN #                     | 4      | 9      | 8      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.730  | 1.602  | 1.389  |
| MINIMUM X                     | -1.398 | -1.526 | -1.326 |
| MAXIMUM Y                     | 1.174  | 1.021  | 1.030  |
| MINIMUM Y                     | -1.374 | -1.274 | -1.265 |
| CENTROID X                    | -0.040 | .088   | -.112  |
| CENTROID Y                    | 1.000  | 1.241  | 1.202  |
| POA TO CENTROID in.           | 1.089  | 1.244  | 1.237  |
| MIN RADIUS                    | .204   | .023   | .187   |
| MEAN RADIUS                   | 1.175  | 1.075  | 1.009  |
| MAX RADIUS                    | 1.792  | 1.743  | 1.879  |
| HORIZONTAL SPREAD             | 3.128  | 3.128  | 2.715  |
| VERTICAL SPREAD               | 2.548  | 2.295  | 2.295  |
| EXTREME SPREAD                | 3.293  | 3.194  | 3.194  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 3      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 5      |        |        |

7 Jan 1988

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## CENTERFIRE PATTERNS # 5



# OF SHOTS= 10

CENTROID \*

# IN CIR

1 in = 1

2 in = 3

3 in = 8

HS= 2.810

VS= 2.554

GS= 3.373

| PATTERN #                     | 5      |        |        |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.407  | 1.035  | .980   |
| MINIMUM X                     | -1.403 | -1.247 | -1.308 |
| MAXIMUM Y                     | 1.194  | 1.323  | 1.249  |
| MINIMUM Y                     | -1.358 | -1.231 | -1.306 |
| CENTROID X                    | -.164  | -.320  | -.165  |
| CENTROID Y                    | 1.577  | 1.450  | 1.525  |
| POA TO CENTROID in.           | 1.585  | 1.485  | 1.534  |
| MIN RADIUS                    | .448   | .262   | .407   |
| MEAN RADIUS                   | 1.203  | 1.101  | 1.074  |
| MAX RADIUS                    | 1.810  | 1.680  | 1.527  |
| HORIZONTAL SPREAD             | 2.810  | 2.282  | 2.188  |
| VERTICAL SPREAD               | 2.554  | 2.554  | 2.554  |
| EXTREME SPREAD                | 3.373  | 2.984  | 2.678  |
| NUMBER IN ONE INCH CIRCLE =   |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 3      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 8      |        |



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

MODEL 700<sup>TM</sup> H24

01

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

SERIAL NO.  
C6498786

ORDER NO.  
5716



5716 C6498786



CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6498786

| OP. #     | OP. NAME                                                 | READINGS                 | DATE    | INIT |
|-----------|----------------------------------------------------------|--------------------------|---------|------|
| 575 & 580 | Assemble Action and Stock                                | <div>QUALITY AUDIT</div> | 5 17 90 | RW   |
| 600       | Proof                                                    |                          | 5 17 90 | RW   |
| 607       | Check Headspace                                          |                          | 5 17 90 | RW   |
| 610       | Dis-assemble Gun                                         |                          | 5 17 90 | RW   |
| 612       | Magnaflux Barrel Action                                  |                          | 5/22/90 | KCR  |
|           | Magnaflux Bolt                                           |                          | 5/22/90 | KCR  |
| 615       | Rollmark Caliber                                         |                          | 5/22/90 | B.S. |
| 617       | Drill and Tap Sight Holes                                |                          | 5/23/90 | FB   |
| 618       | Polish Barrel RB                                         |                          | 5/24/90 | WB   |
| 620       | Apply Coatings (Barrel Action)                           |                          | 6-4-90  | TH   |
|           | Apply Coating (Bolt)                                     |                          |         |      |
| 625       | Final Assembly                                           |                          |         |      |
|           | A) Clean inside of Bolt Assembly                         |                          | 6/4/90  | RW   |
|           | B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head |                          | 6/4/90  | RW   |
|           | C) Inspect Ejector Hole for Chamfer                      |                          | 6/4/90  | RW   |
|           | D) Oil Firing Pin Ass'y                                  |                          | 6/4/90  | RW   |
|           | E) Adjust Trigger Pull to Min Setting and Stake          |                          | 6-11-90 | 92   |

| BARBER - M24 0007732 |                                                             |          |       |      |      |      | DATE    | INIT |
|----------------------|-------------------------------------------------------------|----------|-------|------|------|------|---------|------|
| op. #                | OP. NAME                                                    | READINGS |       |      |      |      |         |      |
| 625<br>cont.         | F) Safety On Force                                          | 4        | 4     | 4    |      |      | 6/12/90 | 92   |
|                      | G) Safety Off Force                                         | 3        | 3     | 3    |      |      | 6/12/90 | 92   |
|                      | H) Trigger Pull Test & Retainability                        |          |       |      |      |      | 6-11-90 | 92   |
|                      | I) Firing Pin Indent                                        | .022     | .0225 | .225 |      |      | 6/12/90 | 92   |
|                      | J) Assemble Stock                                           |          |       |      |      |      | 6/12/90 | Rev  |
|                      | K) Assemble Swivel Studs                                    |          |       |      |      |      | 6/14/90 | 92   |
|                      | L) Attach Front and Rear Sight Assemblies                   |          |       |      |      |      | 6/12/90 | Rev  |
|                      | M) Iron Sight Alignment                                     |          |       |      |      |      | 6/12/90 | Rev  |
|                      | N) Detach Front & Rear Sights & place in numbered container |          |       |      |      |      | 6/12/90 | Rev  |
|                      | O) Attach Scope to Rifle                                    |          |       |      |      |      | 6/12/90 | 92   |
|                      | P) Detach & Attach Scope 20 Times                           |          |       |      |      |      | 6/12/90 | 92   |
| 640                  | Gallery Target & Test                                       |          |       |      |      |      | 6-12-90 | 92   |
|                      | A) Time                                                     |          |       |      |      |      | "       | 92   |
|                      | B) Malfunctions                                             |          |       |      |      |      | "       | 92   |
|                      | C) Pierced Primers                                          |          |       |      |      |      | "       | 92   |
|                      | D) Optical Clarity of Scope                                 |          |       |      |      |      | "       | 92   |
| 645                  | Inspect for Live Ammo                                       |          |       |      |      |      | 6-12-90 | 92   |
| 655                  | Final Inspection                                            |          |       |      |      |      |         |      |
|                      | A) Headspace                                                |          |       |      |      |      | 6/14/90 | 92   |
|                      | B) Trigger Pull                                             | 2.22     | 2.10  | 2.11 | 2.18 | 2.16 | 6/13/90 | 92   |
|                      | C) Function                                                 |          |       |      |      |      | 6/14/90 | 92   |
| 660                  | Pack                                                        |          |       |      |      |      | 6-20-90 | 92   |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

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

SERIAL NO. C6498786

DATE 6-11-90

TESTER JEL

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.46             | 2.10                     | 2.34                           | 2.22 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.46             | 2.18                     | 2.36                           | 2.10 |                                                                        |
| PULL #3 | 2.23             | 2.29                     | 2.30                           | 2.11 |                                                                        |
| PULL #4 | 2.26             | 2.37                     | 2.20                           | 2.13 |                                                                        |
| PULL #5 | 2.20             | 2.39                     | 2.35                           | 2.16 |                                                                        |
| TOTAL   | 11.61            | 11.24                    | 11.55                          |      |                                                                        |
| AVG.    | 2.322            | 2.248                    | 2.31                           |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.33             | 3.50                     |  |          |
| PULL #2 | 3.44             | 3.46                     |  |          |
| PULL #3 | 3.48             | 3.26                     |  |          |
| PULL #4 | 3.41             | 3.44                     |  |          |
| PULL #5 | 3.35             | 3.35                     |  |          |
| TOTAL   | 17.01            | 17.01                    |  |          |
| AVG.    | 3.402            | 3.402                    |  |          |

|         | 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 | 4.43             | 4.38                     |                                | 4.32                                 |
| PULL #2 | 4.45             | 4.40                     |                                | 4.11                                 |
| PULL #3 | 4.40             | 4.39                     |                                | 4.22                                 |
| PULL #4 | 4.40             | 4.32                     |                                | 4.15                                 |
| PULL #5 | 4.45             | 4.41                     |                                | 4.11                                 |
| TOTAL   | 22.13            | 21.90                    |                                | 20.91                                |
| AVG.    | 4.426            | 4.38                     |                                | 4.182                                |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6498786  
13 Jun 1990

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .578468 |
| 1 TO | 2 | .627137 |
| 1 TO | 3 | .286248 |
| 1 TO | 4 | .442651 |
| 1 TO | 5 | .961873 |

4<sup>5</sup>  
13<sup>6</sup> <----FOR

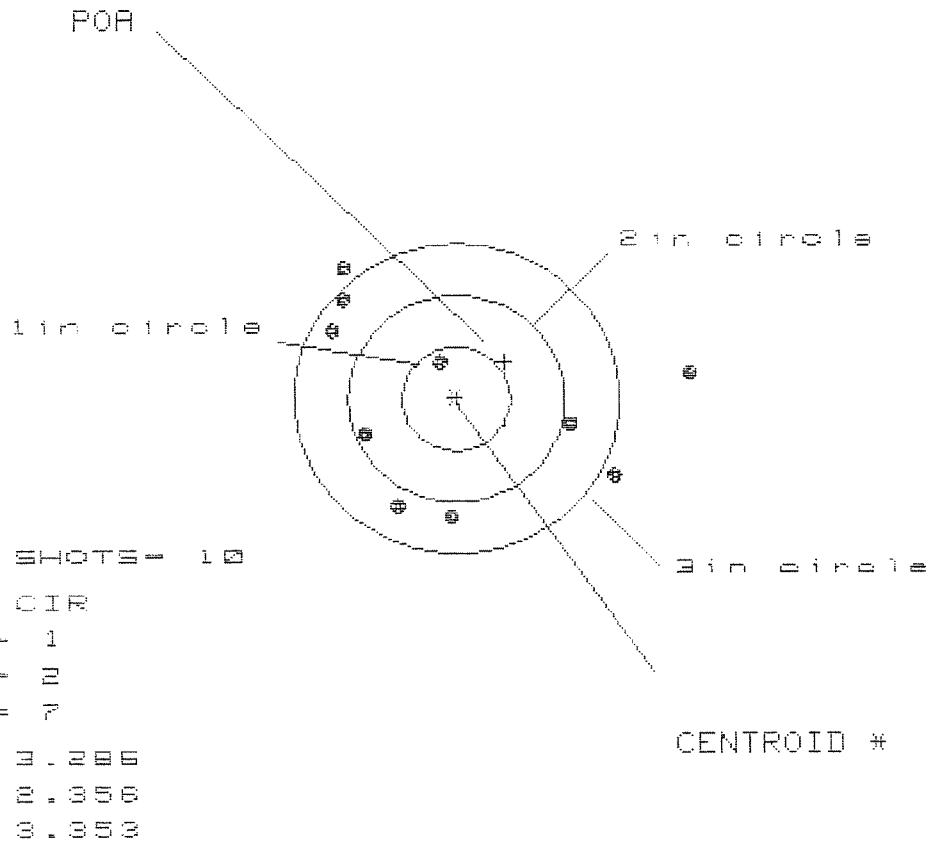
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1192  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0948  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .152301

THE AMR FOR THIS RIFLE IS: 1.006

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/08498786

## CENTERFIRE PATTERNS # 1

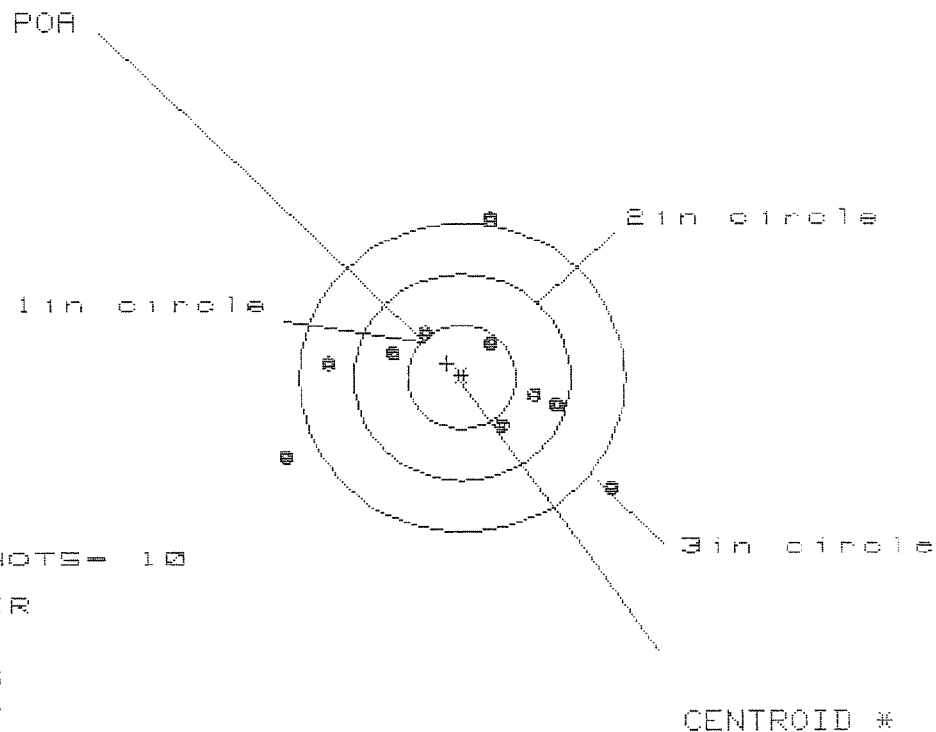


| PATTERN #                   | : | 1      | 9      | 8      |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 2.188  | 1.675  | 1.535  |
| MINIMUM X                   | : | -1.098 | -.855  | -.646  |
| MAXIMUM Y                   | : | 1.222  | 1.245  | 1.160  |
| MINIMUM Y                   | : | -1.135 | -1.111 | -1.196 |
| CENTROID X                  | : | -.452  | -.695  | -.904  |
| CENTROID Y                  | : | -.361  | -.385  | -.300  |
| POA TO CENTROID in.         | : | .579   | .794   | .953   |
| MIN RADIUS                  | : | .417   | .401   | .410   |
| MEAN RADIUS                 | : | 1.277  | 1.133  | 1.014  |
| MAX RADIUS                  | : | 2.198  | 1.809  | 1.564  |
| HORIZONTAL SPREAD           | : | 3.286  | 2.530  | 2.181  |
| VERTICAL SPREAD             | : | 2.356  | 2.356  | 2.356  |
| EXTREME SPREAD              | : | 3.353  | 3.111  | 2.559  |
| NUMBER IN ONE INCH CIRCLE   | = | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE   | = | 2      |        |        |
| NUMBER IN THREE INCH CIRCLE | = | 7      |        |        |

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C849B7B6

## CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 6

3in = 7

HS= 3.036

VS= 2.531

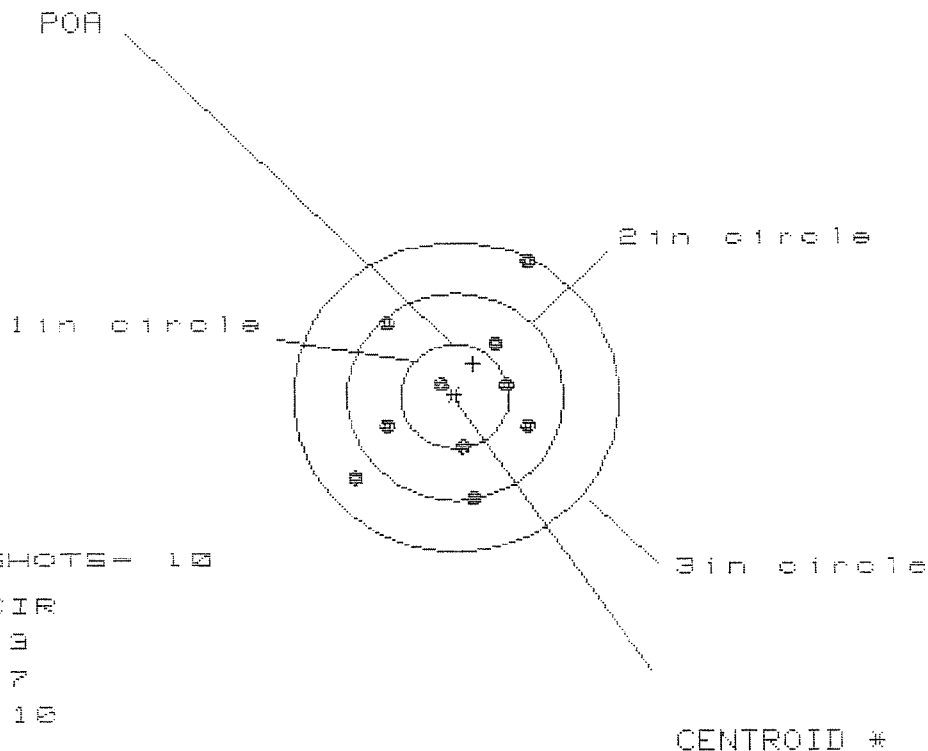
GS= 3.045

| PATTERN #                   | : | 2      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.388  | 1.204  | .832   |
| MINIMUM X                   | : | -1.648 | -1.394 | -1.243 |
| MAXIMUM Y                   | : | 1.509  | 1.422  | 1.283  |
| MINIMUM Y                   | : | -1.022 | -1.109 | -.677  |
| CENTROID X                  | : | .133   | .317   | .166   |
| CENTROID Y                  | : | -.135  | -.048  | .091   |
| POA TO CENTROID in.         | : | .190   | .320   | .189   |
| MIN RADIUS                  | : | .451   | .275   | .291   |
| MEAN RADIUS                 | : | 1.010  | .890   | .794   |
| MAX RADIUS                  | : | 1.825  | 1.637  | 1.312  |
| HORIZONTAL SPREAD           | : | 3.036  | 2.598  | 2.075  |
| VERTICAL SPREAD             | : | 2.531  | 2.531  | 1.960  |
| EXTREME SPREAD              | : | 3.045  | 2.829  | 2.104  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 7      |        |

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/CG498786

## CENTERFIRE PATTERNS # 3



HS= 1.607  
 VS= 2.344  
 GS= 2.638

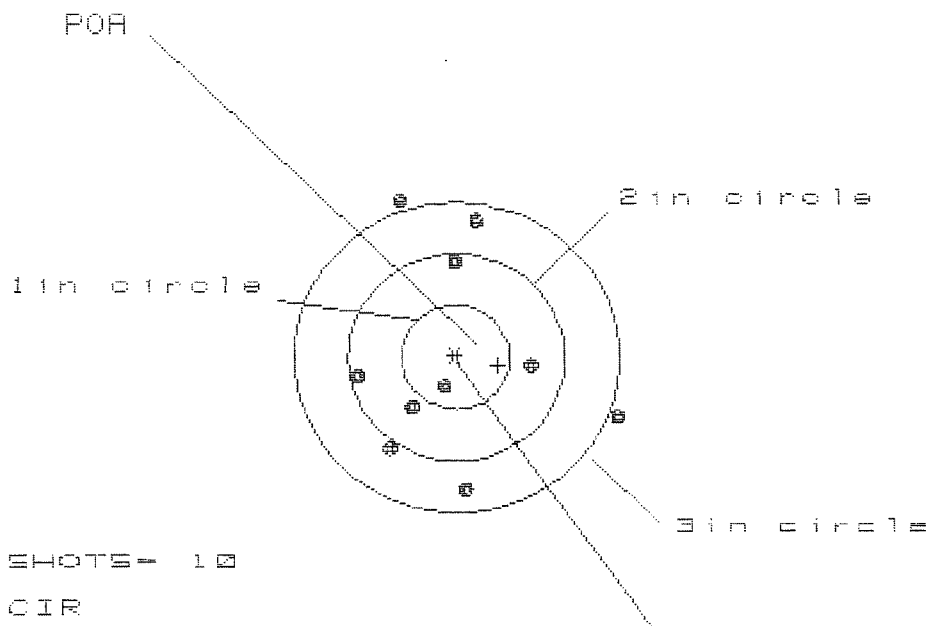
| PATTERN #                     | 3      |
|-------------------------------|--------|
| SHOTS (BEST OF)               | 10     |
| MAXIMUM X                     | .643   |
| MINIMUM X                     | -.964  |
| MAXIMUM Y                     | 1.337  |
| MINIMUM Y                     | -1.007 |
| CENTROID X                    | -.169  |
| CENTROID Y                    | -.318  |
| POR TO CENTROID in.           | .360   |
| MIN RADIUS                    | .167   |
| MEAN RADIUS                   | .790   |
| MAX RADIUS                    | 1.481  |
| HORIZONTAL SPREAD             | 1.607  |
| VERTICAL SPREAD               | 2.344  |
| EXTREME SPREAD                | 2.638  |
| NUMBER IN ONE INCH CIRCLE =   | 3      |
| NUMBER IN TWO INCH CIRCLE =   | 7      |
| NUMBER IN THREE INCH CIRCLE = | 10     |

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/06496786

## CENTERFIRE PATTERNS

# 4



# OF SHOTS- 10

# IN CIR

1 in = 1

2 in = 5

3 in = 8

IS = 2.465

VS = 2.746

GS = 2.868

PATTERN #

:

4

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.521

.852

.814

MINIMUM X

:

-.944

-.775

-.813

MAXIMUM Y

:

1.509

1.448

1.458

MINIMUM Y

:

-1.237

-1.298

-1.117

CENTROID X

:

-.388

-.557

-.519

CENTROID Y

:

.077

.138

-.043

POA TO CENTROID in.

:

.395

.573

.520

MIN RADIUS

:

.259

.302

.117

MEAN RADIUS

:

1.032

.959

.847

MAX RADIUS

:

1.618

1.479

1.500

HORIZONTAL SPREAD

:

2.465

1.627

1.627

VERTICAL SPREAD

:

2.746

2.746

2.575

EXTREME SPREAD

:

2.868

2.806

2.578

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

5

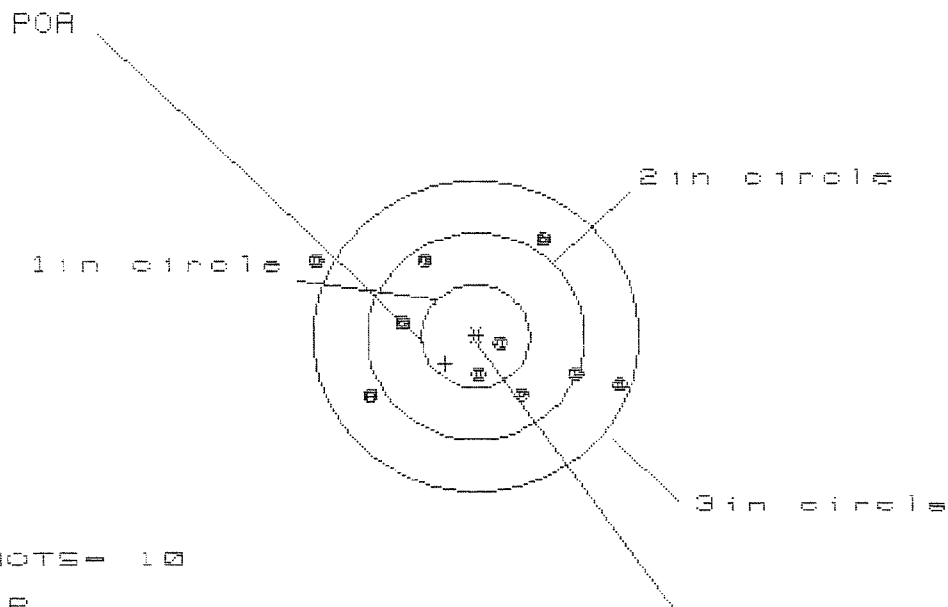
NUMBER IN THREE INCH CIRCLE =

8

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C649B7B6

## CENTERFIRE PATTERNS # 5



# OF SHOTS= 10

# IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.733

VS= 1.555

GS= 2.979

CENTROID \*

| PATTERN #                   | : | 5      |        |       |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.302  | 1.144  | .896  |
| MINIMUM X                   | : | -1.431 | -1.122 | -.980 |
| MAXIMUM Y                   | : | .952   | 1.031  | .981  |
| MINIMUM Y                   | : | -.603  | -.524  | -.574 |
| CENTROID X                  | : | .280   | .438   | .295  |
| CENTROID Y                  | : | .263   | .184   | .234  |
| POA TO CENTROID in.         | : | .384   | .476   | .377  |
| MIN RADIUS                  | : | .280   | .103   | .255  |
| MEAN RADIUS                 | : | .923   | .815   | .775  |
| MAX RADIUS                  | : | 1.596  | 1.236  | 1.168 |
| HORIZONTAL SPREAD           | : | 2.733  | 2.266  | 1.875 |
| VERTICAL SPREAD             | : | 1.555  | 1.555  | 1.555 |
| EXTREME SPREAD              | : | 2.979  | 2.269  | 2.237 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |       |

## INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6498786  
18 Jun 1990

## CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .300801 |
| 1 TO | 2 | .50603  |
| 1 TO | 3 | .586847 |
| 1 TO | 4 | .153444 |
| 1 TO | 5 | .383172 |

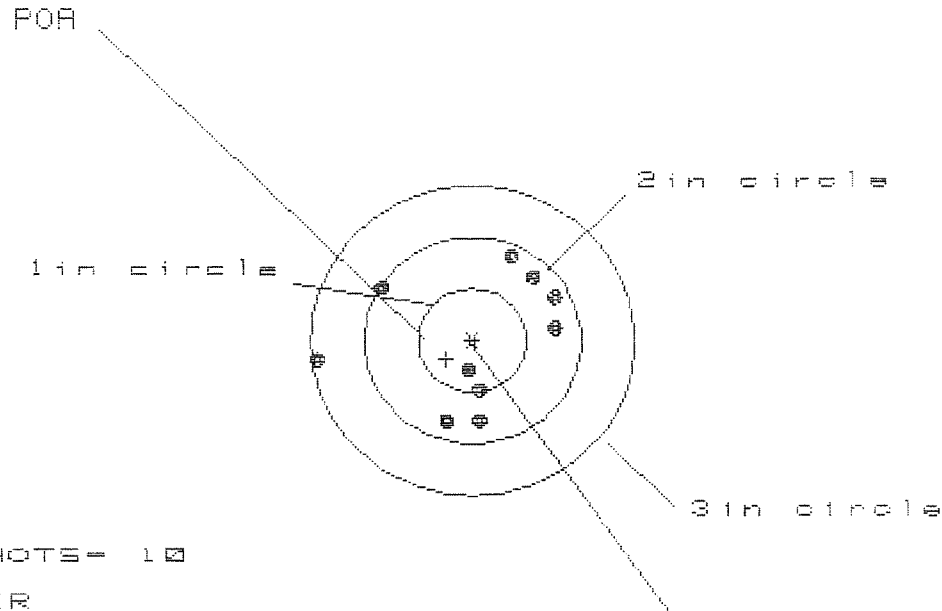
$\bar{x}_d$   $\bar{y}_d$  <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0668  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2216  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .231449  
THE AMR FOR THIS RIFLE IS: .8472

18 Jun 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/CG498786.1

## CENTERFIRE PATTERNS # 1



# OF SHOTS= 10

# IN CIR

1 in = 2

2 in = 8

3 in = 10

HS= 2.218

VS= 1.571

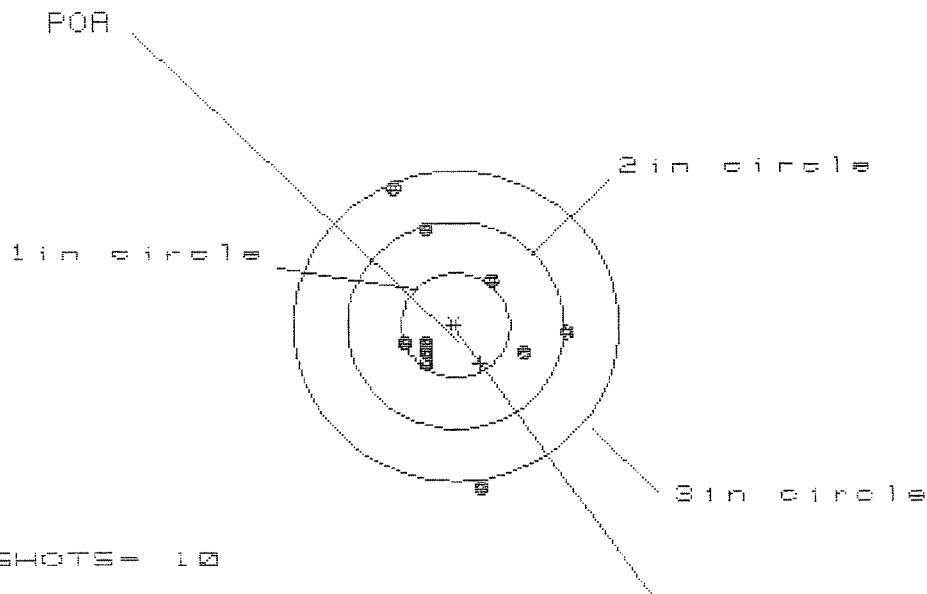
GS= 2.232

| PATTERN #                     | : | 1      | 9     | 8     |
|-------------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)               | : | 10     | 9     | 8     |
| MAXIMUM X                     | : | .887   | .650  | .531  |
| MINIMUM X                     | : | -1.411 | -.956 | -.553 |
| MAXIMUM Y                     | : | .775   | .759  | .817  |
| MINIMUM Y                     | : | -.796  | -.812 | -.754 |
| CENTROID X                    | : | .241   | .398  | .517  |
| CENTROID Y                    | : | .188   | .196  | .138  |
| POA TO CENTROID in.           | : | .381   | .443  | .535  |
| MIN RADIUS                    | : | .238   | .297  | .342  |
| MEAN RADIUS                   | : | .795   | .710  | .654  |
| MAX RADIUS                    | : | 1.419  | 1.063 | .986  |
| HORIZONTAL SPREAD             | : | 2.218  | 1.686 | 1.884 |
| VERTICAL SPREAD               | : | 1.571  | 1.571 | 1.571 |
| EXTREME SPREAD                | : | 2.232  | 1.649 | 1.632 |
| NUMBER IN ONE INCH CIRCLE =   | : | 2      |       |       |
| NUMBER IN TWO INCH CIRCLE =   | : | 9      |       |       |
| NUMBER IN THREE INCH CIRCLE = | : | 10     |       |       |

18 Jun 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/CG438786.1

## CENTERFIRE PATTERNS # 2



# OF SHOTS= 10

# IN CIR

1 in = 3

2 in = 7

3 in = 9

HS= 1.528

VS= 2.947

GS= 3.047

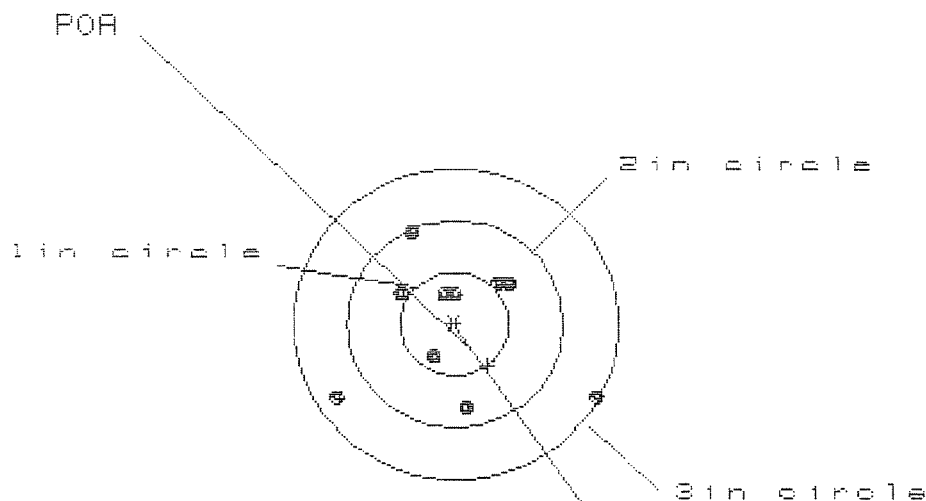
CENTROID \*

| PATTERN #                   | : | 2      |       |       |
|-----------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | 1.001  | 1.028 | .966  |
| MINIMUM X                   | : | -.527  | -.500 | -.530 |
| MAXIMUM Y                   | : | 1.380  | 1.206 | .927  |
| MINIMUM Y                   | : | -1.567 | -.511 | -.360 |
| CENTROID X                  | : | -.230  | -.257 | -.195 |
| CENTROID Y                  | : | .365   | .539  | .388  |
| POA TO CENTROID in.         | : | .431   | .597  | .434  |
| MIN RADIUS                  | : | .309   | .390  | .350  |
| MEAN RADIUS                 | : | .801   | .722  | .625  |
| MAX RADIUS                  | : | 1.586  | 1.305 | .979  |
| HORIZONTAL SPREAD           | : | 1.528  | 1.528 | 1.496 |
| VERTICAL SPREAD             | : | 2.947  | 1.717 | 1.287 |
| EXTREME SPREAD              | : | 3.047  | 2.116 | 1.646 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9     |       |

18 Jun 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C649B7B6.1

## CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 2.356

VS= 1.765

GS= 2.356

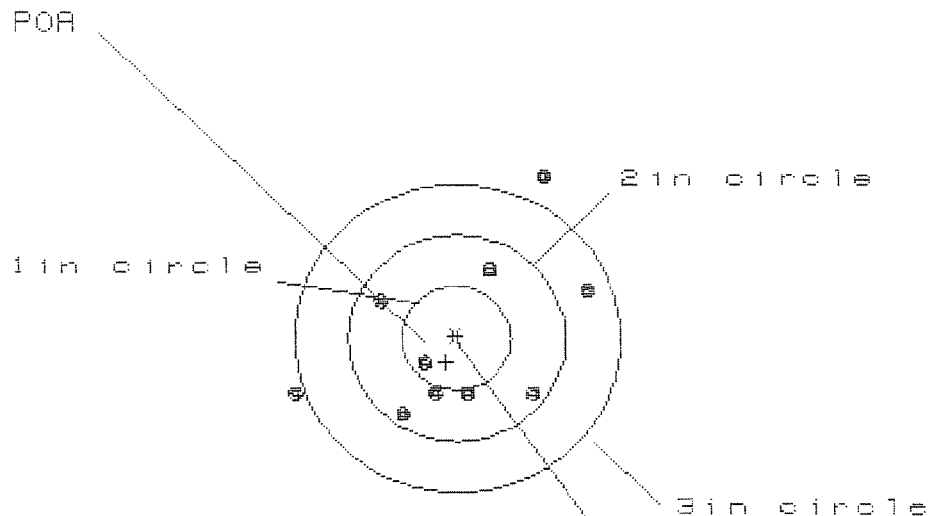
CENTROID \*

| PATTERN #                     | 3      | 9     | 8      |
|-------------------------------|--------|-------|--------|
| SHOTS (BEST OF)               | 10     | 9     | 8      |
| MAXIMUM X                     | 1.277  | .609  | .492   |
| MINIMUM X                     | -1.079 | -.937 | -.454  |
| MAXIMUM Y                     | .919   | .843  | .745   |
| MINIMUM Y                     | -.846  | -.922 | -1.020 |
| CENTROID X                    | -.301  | -.443 | -.326  |
| CENTROID Y                    | .405   | .481  | .579   |
| POA TO CENTROID in.           | .505   | .654  | .664   |
| MIN RADIUS                    | .262   | .189  | .087   |
| MEAN RADIUS                   | .724   | .619  | .511   |
| MAX RADIUS                    | 1.448  | 1.222 | 1.025  |
| HORIZONTAL SPREAD             | 2.356  | 1.546 | .946   |
| VERTICAL SPREAD               | 1.765  | 1.765 | 1.765  |
| EXTREME SPREAD                | 2.356  | 1.905 | 1.830  |
| NUMBER IN ONE INCH CIRCLE =   | 3      |       |        |
| NUMBER IN TWO INCH CIRCLE =   | 7      |       |        |
| NUMBER IN THREE INCH CIRCLE = | 10     |       |        |

18 Jun 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/06498786.1

## CENTERFIRE PATTERNS # 4



# OF SHOTS = 10

# IN CIR

1 in = 1

2 in = 7

3 in = 8

HS = 2.728

VS = 2.301

CS = 3.101

CENTROID #

| PATTERN #                     | 4      |        |       |
|-------------------------------|--------|--------|-------|
| SHOTS (BEST OF)               | 10     | 9      | 8     |
| MAXIMUM X                     | 1.227  | 1.320  | 1.144 |
| MINIMUM X                     | -1.501 | -1.408 | -.794 |
| MAXIMUM Y                     | 1.540  | .852   | .812  |
| MINIMUM Y                     | -.761  | -.590  | -.630 |
| CENTROID X                    | .097   | .004   | .180  |
| CENTROID Y                    | .233   | .062   | .102  |
| POA TO CENTROID in.           | .252   | .062   | .207  |
| MIN RADIUS                    | .340   | .178   | .358  |
| MEAN RADIUS                   | .936   | .794   | .729  |
| MAX RADIUS                    | 1.755  | 1.452  | 1.276 |
| HORIZONTAL SPREAD             | 2.728  | 2.728  | 1.938 |
| VERTICAL SPREAD               | 2.301  | 1.442  | 1.442 |
| EXTREME SPREAD                | 3.101  | 2.881  | 2.889 |
| NUMBER IN ONE INCH CIRCLE =   |        | 1      |       |
| NUMBER IN TWO INCH CIRCLE =   |        | 7      |       |
| NUMBER IN THREE INCH CIRCLE = |        | 8      |       |

18 Jun 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/CS498786.1

## CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID \*

# OF SHOTS= 10

# IN CIR

1 in = 0

2 in = 5

3 in = 9

HS= 2.137

VS= 2.642

GS= 2.654

| PATTERN #                   | : | 5      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.100  | 1.103  | 1.077  |
| MINIMUM X                   | : | -1.037 | -1.034 | -1.060 |
| MAXIMUM Y                   | : | 1.521  | .898   | .780   |
| MINIMUM Y                   | : | -1.121 | -.952  | -.784  |
| CENTROID X                  | : | .527   | .524   | .550   |
| CENTROID Y                  | : | -.075  | -.244  | -.126  |
| POA TO CENTROID in.         | : | .533   | .578   | .564   |
| MIN RADIUS                  | : | .615   | .528   | .605   |
| MEAN RADIUS                 | : | .980   | .900   | .889   |
| MAX RADIUS                  | : | 1.522  | 1.157  | 1.101  |
| HORIZONTAL SPREAD           | : | 2.137  | 2.137  | 2.137  |
| VERTICAL SPREAD             | : | 2.642  | 1.850  | 1.563  |
| EXTREME SPREAD              | : | 2.654  | 2.160  | 2.160  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 0      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |