

C6225115

MODEL 700™ M24

Model ~~700~~ M24™

Action

Barrel Length

Capacity

Order No. **5715**

\*Includes 1 in chamber.

*Remington.*

03/04/08 09:16:40

**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: **RE00142401**Serial: C6225115 Model 700 Center Fire Caliber:  
7.62 NATO M-24 (SWS) Produced: 12/20/1988

Repairman:

Status:

Closed 3/3/2008 3:03:04 PM

Verify Repair

**Address Information**

Customer:

☒ Received From

Return To:

☐ Received From

Name:

Address 1:

Address 2:

PO Box:

City: FORT BRAGG

FORT BRAGG

State: NC

Zip Code: 28310

Country: US

State: NC

Zip Code: 28310

Country: US

FFL:

**Contact / Condition**

## Problems

## Estimate

## History / Status

## Shipping / Billing

## Contact Information

Phone: NN

Fax:

Email:

Comments:

## Received Condition

Fair

Condition  
Notes:CSR  
Notes:

## Accessories Received

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

**Repair Search**

Refresh

Close

nagletj

3/4/2008

9:16 AM

CAPS

NUM

Serial  
Number:**C6225115**Model: **700****RE00142401**



SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225115.\_\_\_0  
FILE DATE AND TIME: 04/02/2008 11:04

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.187 |
| The Average Y Centroid of the Five Target Set:              | -0.143 |
| The Average Point of Impact of the Five Target Set:         | 0.235  |
| The Average Mean Radius of the Five Target Set:             | 0.910  |
| The Distance from POA to Centroid Target #1:                | 0.281  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.117  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.175  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.154  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.195  |

SERIAL NUMBER: C6225115.\_\_\_0

TARGET NUMBER: 1

FILE DATE: 04/02/2008

FILE TIME: 11:04

X CENTROID: -0.266

Y CENTROID: -0.088

POA TO CENTROID: 0.281

HORZ SPREAD: 1.566

VERT SPREAD: 2.319

GROUP SPREAD: 2.319

MIN RADIUS: 0.170

MAX RADIUS: 1.357

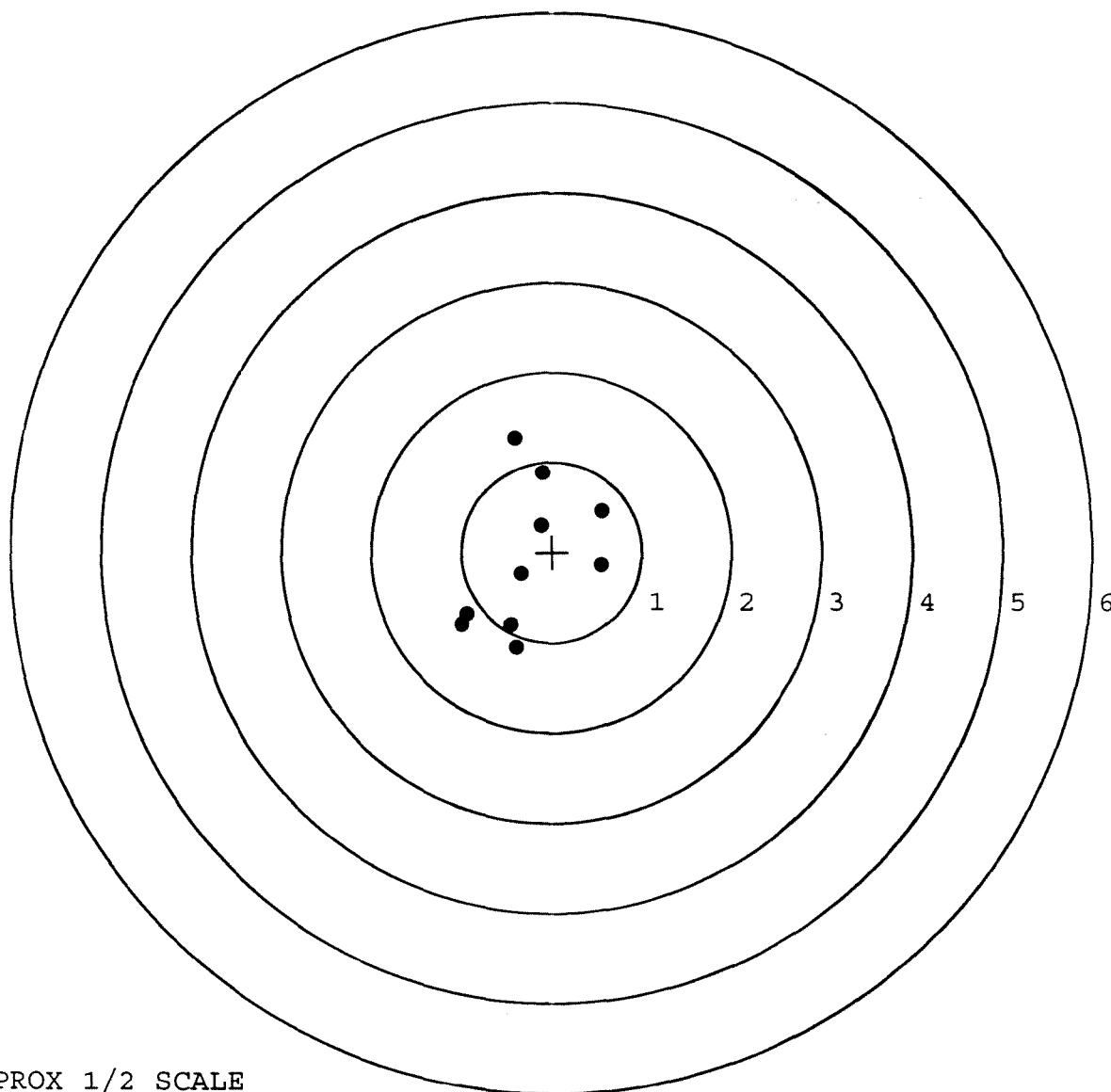
MEAN RADIUS: 0.839

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.412 | 1.261  |
| 2:     | -0.113 | 0.879  |
| 3:     | 0.565  | 0.453  |
| 4:     | -0.120 | 0.288  |
| 5:     | 0.559  | -0.148 |
| 6:     | -0.342 | -0.240 |
| 7:     | -0.944 | -0.697 |
| 8:     | -1.001 | -0.811 |
| 9:     | -0.459 | -0.808 |
| 10:    | -0.397 | -1.058 |



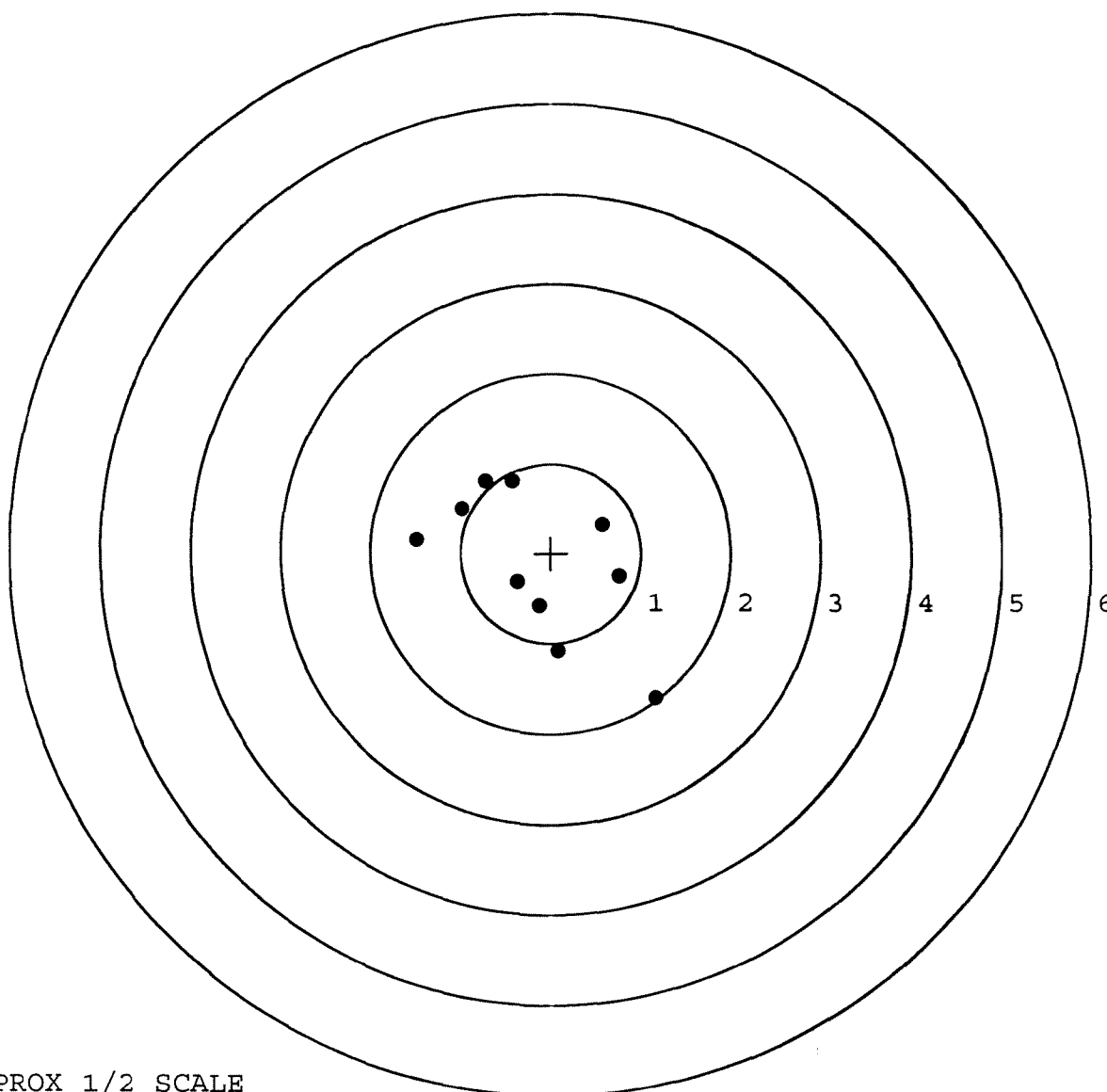
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225115. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 04/02/2008  
FILE TIME: 11:04

X CENTROID: -0.157  
Y CENTROID: -0.129  
POA TO CENTROID: 0.203  
HORZ SPREAD: 2.651  
VERT SPREAD: 2.411  
GROUP SPREAD: 3.181  
MIN RADIUS: 0.294  
MAX RADIUS: 1.981  
MEAN RADIUS: 0.997

# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 6  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.428 | 0.805  |
| 2:     | -0.723 | 0.800  |
| 3:     | -0.990 | 0.499  |
| 4:     | -1.488 | 0.152  |
| 5:     | -0.376 | -0.325 |
| 6:     | -0.131 | -0.591 |
| 7:     | 0.077  | -1.091 |
| 8:     | 0.575  | 0.326  |
| 9:     | 0.754  | -0.260 |
| 10:    | 1.163  | -1.606 |



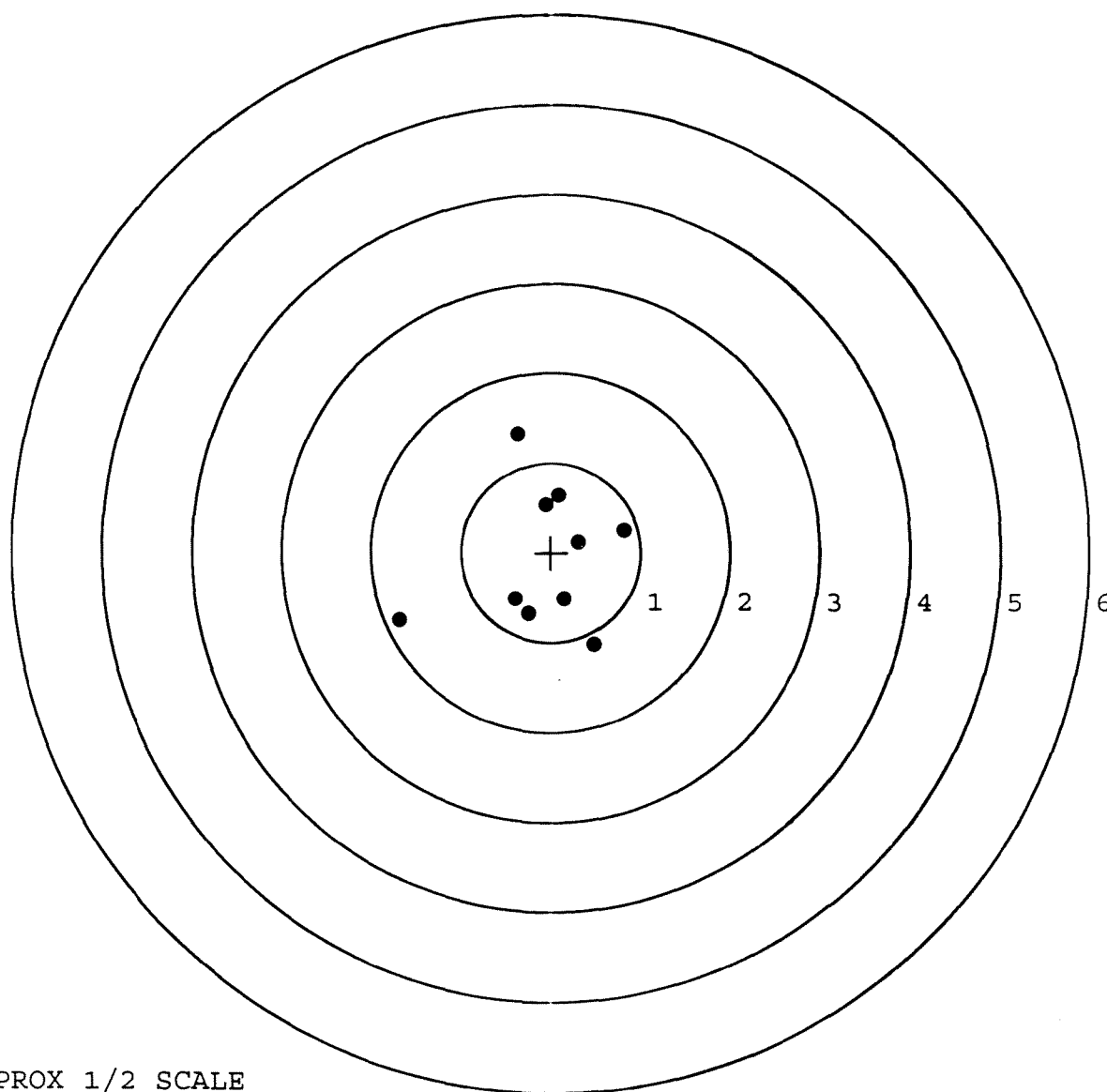
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225115.\_\_\_0  
TARGET NUMBER: 3  
FILE DATE: 04/02/2008  
FILE TIME: 11:04

X CENTROID: -0.093  
Y CENTROID: -0.067  
POA TO CENTROID: 0.115  
HORZ SPREAD: 2.500  
VERT SPREAD: 2.351  
GROUP SPREAD: 2.697  
MIN RADIUS: 0.441  
MAX RADIUS: 1.733  
MEAN RADIUS: 0.870

# IN 1 IN DIAMETER: 1  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.375 | 1.318  |
| 2:     | 0.082  | 0.636  |
| 3:     | 0.308  | 0.117  |
| 4:     | 0.818  | 0.252  |
| 5:     | 0.482  | -1.033 |
| 6:     | 0.149  | -0.526 |
| 7:     | -0.399 | -0.526 |
| 8:     | -0.248 | -0.681 |
| 9:     | -1.682 | -0.759 |
| 10:    | -0.062 | 0.527  |



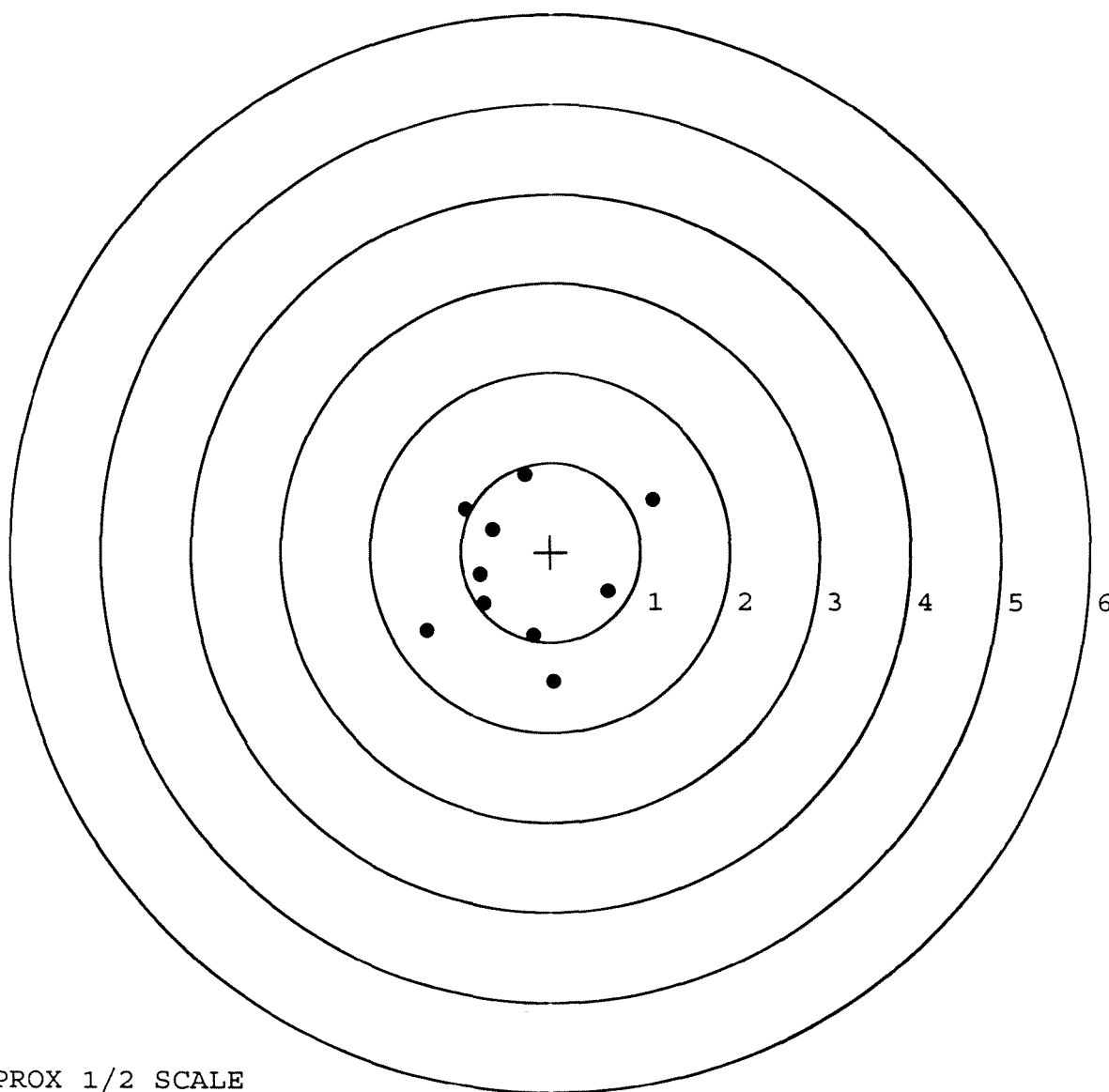
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225115. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 04/02/2008  
FILE TIME: 11:04

X CENTROID: -0.315  
Y CENTROID: -0.234  
POA TO CENTROID: 0.393  
HORZ SPREAD: 2.512  
VERT SPREAD: 2.303  
GROUP SPREAD: 2.910  
MIN RADIUS: 0.459  
MAX RADIUS: 1.667  
MEAN RADIUS: 0.949

# IN 1 IN DIAMETER: 1  
# IN 2 IN DIAMETER: 6  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.289 | 0.865  |
| 2:     | -0.952 | 0.469  |
| 3:     | -0.641 | 0.252  |
| 4:     | -0.774 | -0.248 |
| 5:     | -0.738 | -0.580 |
| 6:     | -1.376 | -0.883 |
| 7:     | -0.195 | -0.929 |
| 8:     | 0.036  | -1.438 |
| 9:     | 0.642  | -0.436 |
| 10:    | 1.136  | 0.586  |

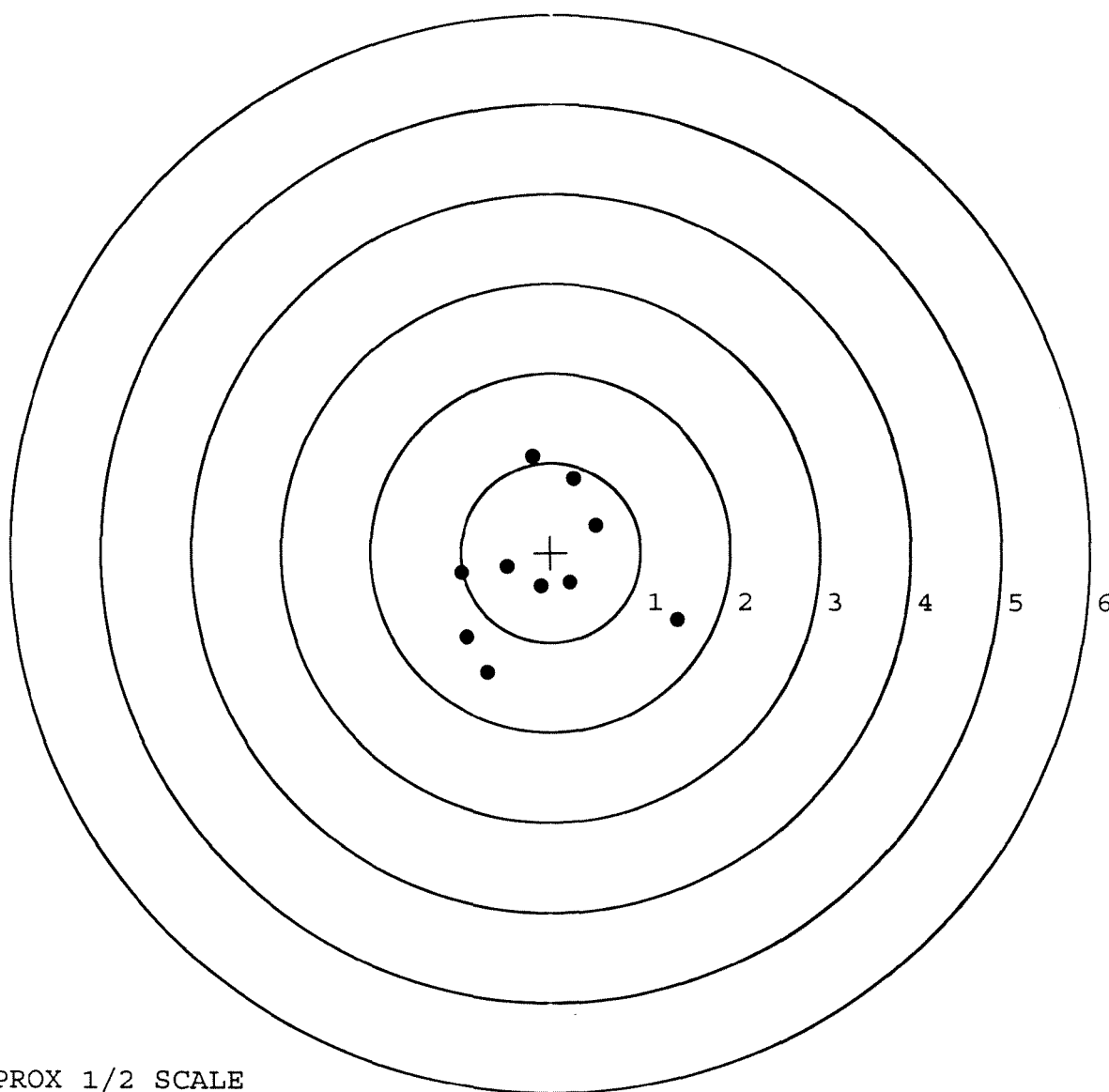


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225115. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 04/02/2008  
FILE TIME: 11:04

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.205 | 1.071  |
| 2:     | 0.256  | 0.816  |
| 3:     | 0.501  | 0.301  |
| 4:     | 1.408  | -0.757 |
| 5:     | 0.218  | -0.337 |
| 6:     | -0.113 | -0.376 |
| 7:     | -0.480 | -0.156 |
| 8:     | -0.989 | -0.231 |
| 9:     | -0.936 | -0.953 |
| 10:    | -0.696 | -1.339 |

X CENTROID: -0.104  
Y CENTROID: -0.196  
POA TO CENTROID: 0.222  
HORZ SPREAD: 2.397  
VERT SPREAD: 2.410  
GROUP SPREAD: 2.454  
MIN RADIUS: 0.180  
MAX RADIUS: 1.612  
MEAN RADIUS: 0.895  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 5  
# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

| R & E NUMBER  |                      | <u>00142401</u>                                                                                                                                                                                                                                 |            |
|---------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| SERIAL NUMBER |                      | <u>C6225115</u>                                                                                                                                                                                                                                 |            |
| LOG-IN DATE   |                      | <u>3-3-08</u>                                                                                                                                                                                                                                   |            |
| OPERATION #   | OPERATION NAME       | DATE                                                                                                                                                                                                                                            | INITIAL    |
| 500           | DIS-ASSEMBLE GUN     | 3-11-08                                                                                                                                                                                                                                         | PPD        |
| 505           | RE-BARREL            | 3-12-08                                                                                                                                                                                                                                         | PPD        |
| 560           | ASSEMBLE             | 3-12-08                                                                                                                                                                                                                                         | PPD        |
| 600           | PROOF                | 3-13-08                                                                                                                                                                                                                                         | TRW        |
| 605           | CHECK HEADSPACE      | 3-13-08                                                                                                                                                                                                                                         | TRW        |
| 610           | DIS-ASSEMBLE GUN     | 3-13-08                                                                                                                                                                                                                                         | PPD        |
| 612           | MAGNAFLUX            | 3-14-08                                                                                                                                                                                                                                         | TRW        |
| 510           | DRILL AND TAP        | 3-13-08                                                                                                                                                                                                                                         | FM         |
| 615           | ROLLMARK CALIBER     | 3-13-08                                                                                                                                                                                                                                         | CW         |
| 618           | ROTO-BLAST           | 3-14-08                                                                                                                                                                                                                                         | DX         |
| 620           | APPLY COATINGS       | 3-16-08                                                                                                                                                                                                                                         | HP         |
| 625           | FINAL ASSEMBLY       | 3-31-08                                                                                                                                                                                                                                         | RTZ        |
| 640           | FUNCTION TEST AND    | PASS FAIL                                                                                                                                                                                                                                       | 4-1-08 TRW |
| 650           | TARGET               | PASS FAIL                                                                                                                                                                                                                                       | 4-1-08 TRW |
|               | MALFUNCTION          | CORRECTION                                                                                                                                                                                                                                      |            |
|               | MALFUNCTION          | CORRECTION                                                                                                                                                                                                                                      |            |
|               | MALFUNCTION          | CORRECTION                                                                                                                                                                                                                                      |            |
|               | MALFUNCTION          | CORRECTION                                                                                                                                                                                                                                      | 4-1-08 SD  |
| 670           | FINAL INSPECTION     | 4-2-08                                                                                                                                                                                                                                          | FM         |
|               | A) HEADSPACE         | PASS FAIL                                                                                                                                                                                                                                       | 4-2-08 FM  |
|               | B) TRIGGER PULL      | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           +/- .5 LBS<br/>           MIN 2.50 LBS<br/>           MAX 4.0 LBS         </div><br><u>2.93</u> <u>2.93</u> <u>2.90</u> <u>2.91</u> <u>2.89</u> 4-2-08 FM |            |
| 680           | F) SAFETY ON FORCE   | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           2 LBS MIN<br/>           10 LBS MAX         </div><br><u>5"</u> <u>5"</u> <u>5"</u> 4/2/08 FM                                                             |            |
|               | G) SAFETY OFF FORCE  | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           2 LBS<br/>           MAX         </div><br><u>3"</u> <u>3"</u> <u>3"</u> 4/2/08 FM                                                                        |            |
|               | I) FIRING PIN INDENT | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           .020         </div><br><u>.021</u> <u>.023</u> <u>.022</u> 4/2/08 FM                                                                                      |            |
| 690           | PACK                 | 4/10/08 FM                                                                                                                                                                                                                                      |            |

**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: **RE00031523** Serial: C6225115 Model 700 Center Fire Caliber: Repairman: Status: Closed 8/27/01 10:47:16 AM

Verify Repair

**Address Information**

Customer: Received From: Return To: Received From:

Name: **HSC 3/7TH SFG (A)** **HSC 3/7TH SFG (A)**

Address 1: **ATTN RONALD BLASINI** **ATTN RONALD BLASINI**

Address 2: **PO Box:** **PO Box:**

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

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

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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

Contact Information: Received Condition: Accessories Received:

Phone: **910 432 1883** Far

Fax:

Email:

Comments:

Condition Notes:

CSR Notes:

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

Repair Search Refresh Close

Start | Excite | Inbox | Nagle | Micro | Arm... | Explor... | FW... | Part S... | 12:30 PM

Serial Number: **C6225115**

Model: **700**



**RE00031523**

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

|                                                                                          |                          |             |                |
|------------------------------------------------------------------------------------------|--------------------------|-------------|----------------|
| <b>R &amp; E NUMBER</b> <u>31523</u>                                                     |                          |             |                |
| <b>SERIAL NUMBER</b> <u>C 622 5/15</u>                                                   |                          |             |                |
| <b>LOG-IN DATE</b> <u>8-22-01</u>                                                        |                          |             |                |
| <b>INSPECT AND VERIFY:</b>                                                               |                          |             |                |
| <b>OPERATION #</b>                                                                       | <b>OPERATION NAME</b>    | <b>DATE</b> | <b>INITIAL</b> |
| 550                                                                                      | DIS-ASSEMBLE GUN         | 8-28-01     | RK             |
| 560 A                                                                                    | RE-BARREL AT CUSTOM SHOP | 8/28/01     | BWT            |
| B                                                                                        | DRILL AND TAP            | 8/28/01     | BWT            |
| C                                                                                        | POLISH                   | 8-28-01     | CD             |
| 575                                                                                      | ASSEMBLE                 | 8-28-01     | RK             |
| 600                                                                                      | PROOF                    | 8-28-01     | RW             |
| 605                                                                                      | CHECK HEADSPACE          | 8-28-01     | RW             |
| 610                                                                                      | DIS-ASSEMBLE GUN         | 8-28-01     | RW             |
| 612                                                                                      | MAGNAFLUX                | 8-28-01     | BRB            |
| 615                                                                                      | ROLLMARK CALIBER         | 8-28-01     | RW             |
| 618                                                                                      | ROTO-BLAST               | 8/29/01     | RK             |
| 620                                                                                      | APPLY COATINGS           | 8-30-01     | TA             |
| 625 A                                                                                    | FINAL ASSEMBLY           | 9-4-01      | RK             |
| B                                                                                        | TRIGGER PULL TEST        | 9-7-01      | N/A            |
| C                                                                                        | SAFETY "ON" FORCE        | 9-7-01      | N/A            |
| D                                                                                        | SAFETY "OFF" FORCE       | 9-7-01      | N/A            |
| E                                                                                        | FIRING PIN INDENT        | 9-7-01      | N/A            |
| 640                                                                                      | TARGET                   | 9-5-01      | AC             |
| 655                                                                                      | FINAL INSPECT            | 9-7-01      | RW             |
| 660                                                                                      | PACK                     | 9-7-01      | RW             |
| <p align="center">MAGNA - FLUX<br/>INSPECTED<br/>AUG 28 2001<br/>OPERATOR <u>BRB</u></p> |                          | SHIP DATE   |                |
| QAR INSPECTION DATE                                                                      |                          |             |                |

## Final Inspection

In: C6225/15

DATE REC'D: 8-27-01

DATE RET'D:

Inspector: 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:

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225115  
7 Sep 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1602  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1052  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .191654

THE AMR FOR THIS RIFLE IS: 1.032

# CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| Ø TO | 1 | .294151 |
| 1 TO | 2 | .470919 |
| 1 TO | 3 | .102801 |
| 1 TO | 4 | .301347 |
| 1 TO | 5 | .443514 |

5 2  
+ <----POA  
4 3

REMINGTON CENTERFIRE ACCURACY TEST

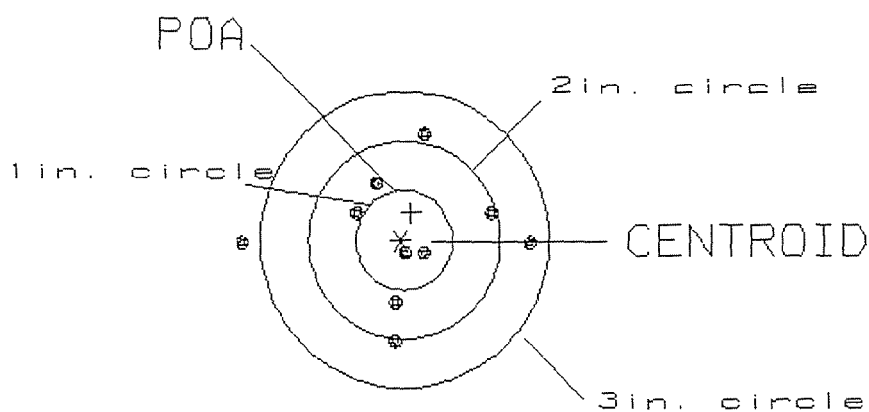
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐  
 POA TO CENTROID: .295  
 MIN RADIUS : .097  
 MEAN RADIUS : .840  
 MAX RADIUS : 1.742  
 CENTROID X : -.107  
 CENTROID Y : -.274

7 Sep 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6225115

CENTERFIRE PATTERN # 1



# OF SHOTS= 10

# IN CIRCLE

HS= 3.08

2

VS= 2.11

6

GS= 3.08

9

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .179

MIN RADIUS : .171

MEAN RADIUS : 1.006

MAX RADIUS : 2.009

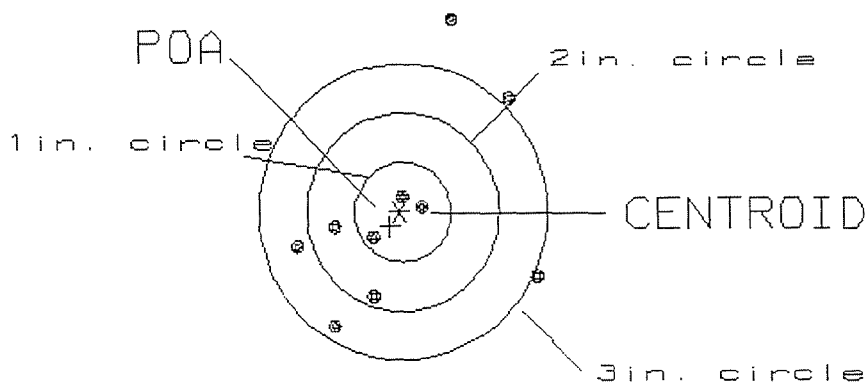
CENTROID X : .102

CENTROID Y : .148

7 Sep 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/CG225115

CENTERFIRE PATTERN # 2



# OF SHOTS= 10

# IN CIRCLE

HS= 2.51

3

VS= 3.08

5

GS= 3.30

7

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .385

MIN RADIUS : .678

MEAN RADIUS : 1.422

MAX RADIUS : 2.107

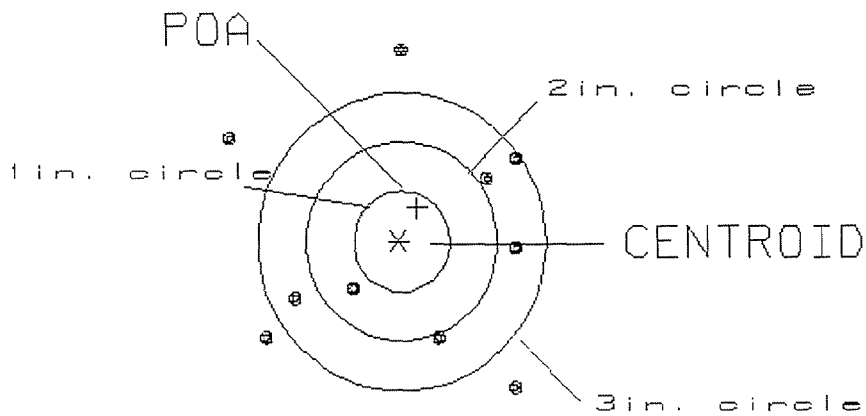
CENTROID X : -.189

CENTROID Y : -.336

7 Sep 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6225115

CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 3.05

0

VS= 3.35

1

GS= 3.92

6

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

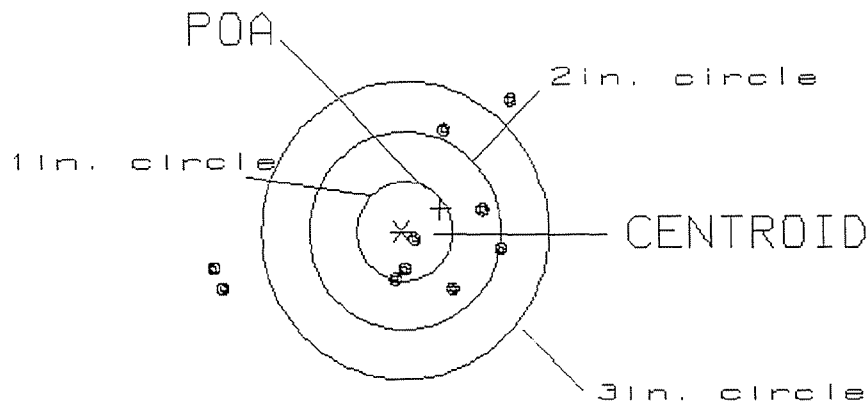
PATTERN #: ☐ 4 ☐

POA TO CENTROID: .461  
 MIN RADIUS : .141  
 MEAN RADIUS : 1.047  
 MAX RADIUS : 2.006  
 CENTROID X : -.404  
 CENTROID Y : -.223

7 Sep 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6225115

CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 3.05

2

VS= 1.93

5

GS= 3.48

7

# REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

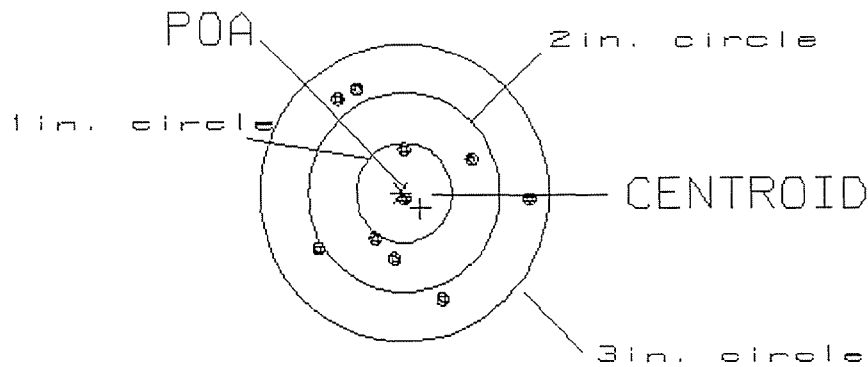
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .258  
 MIN RADIUS : .026  
 MEAN RADIUS : .845  
 MAX RADIUS : 1.296  
 CENTROID X : -.203  
 CENTROID Y : .159

7 Sep 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6225115

## CENTERFIRE PATTERN # 5



# OF SHOTS= 10

# IN CIRCLE

HS= 2.19  
 VS= 2.17  
 GS= 2.39

2  
 5  
 10

M-24

SCOPE #  
1191

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225115

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

OVER

| OP.#          |                                                             | READINGS              | DATE      | INITIAL |
|---------------|-------------------------------------------------------------|-----------------------|-----------|---------|
| 625<br>cont.. | D) Oil Firing Pin Ass'y                                     |                       | 11/14/88  | RW      |
|               | E) Adjust Trigger Pull to Min. Setting and Stake            |                       | 13/NOV88  | JSJ     |
|               | F) Safety on Force                                          | 5   5   5             | 16/NOV88  | JSJ     |
|               | G) Safety off Force                                         | 3   3   3             | 16/NOV88  | JSJ     |
|               | H) Trigger Pull Test & Retainability                        |                       | 14/NOV88  | JSJ     |
|               | I) Firing Pin Indent                                        | .0205   .0205   .0205 | 16/NOV88  | JSJ     |
|               | J) Assemble Stock                                           |                       | 11/16/88  | RW      |
|               | K) Assemble Swivel Studs                                    |                       | 1 Dec 88  | JSJ     |
|               | L) Attach Front & Rear Sight Assemblies                     |                       | 11/16/88  | RW      |
|               | M) Iron Sight Alignment                                     |                       | 11/16/88  | RW      |
|               | N) Detach Front & Rear Sights & place in numbered container |                       | 11/16/88  | RW      |
|               | O) Attach Scope to Rifle                                    |                       | 11/17/88  | WJB     |
|               | P) Detach & Attach Scope 20 times                           |                       | 11/17/88  | WJB     |
| 640           | Gallery Target & Test                                       | 75 R 77 L             | 11-28-88  | AC      |
|               | A) Optical Clarity of Scope                                 | OK                    | 11-28-88  | AC      |
| 645           | Inspect for Live Ammo                                       | NONE                  | 11-28-88  | AC      |
| 655           | Final Inspection                                            |                       |           |         |
|               | A) Headspace                                                |                       | 1 Dec 88  | JSJ     |
|               | B) Trigger Pull                                             |                       | 1 Dec 88  | JSJ     |
|               | C) Function                                                 |                       | 1 Dec 88  | JSJ     |
| 660           | Pack                                                        |                       | 14 Dec 88 | JSJ     |

0.2  
SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

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

SERIAL NO. C6225115

DATE 14/06/88

TESTER 92

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-------|------------------------------------------------------------------------|
| PULL #1 | 2.49             | 2.19                     | 2.27                           | 2.65  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.34             | 2.16                     | 2.25                           | 2.52  |                                                                        |
| PULL #3 | 2.20             | 2.13                     | 2.25                           | 2.55  |                                                                        |
| PULL #4 | 2.19             | 2.14                     | 2.27                           | 2.55  |                                                                        |
| PULL #5 | 2.17             | 2.14                     | 2.25                           | 2.53  |                                                                        |
| TOTAL   | 11.39            | 10.76                    | 11.29                          | 12.80 |                                                                        |
| AVG.    | 2.278            | 2.152                    | 2.258                          | 2.56  |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.15             | 3.16                     |  |          |
| PULL #2 | 3.15             | 3.17                     |  |          |
| PULL #3 | 3.11             | 3.15                     |  |          |
| PULL #4 | 3.14             | 3.16                     |  |          |
| PULL #5 | 3.12             | 3.17                     |  |          |
| TOTAL   | 15.67            | 15.81                    |  |          |
| AVG.    | 3.134            | 3.162                    |  |          |

|         | 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 | 4.08             | 4.06                     |                                | 4.03                                 |
| PULL #2 | 4.09             | 4.01                     |                                | 4.02                                 |
| PULL #3 | 4.06             | 4.09                     |                                | 4.02                                 |
| PULL #4 | 4.09             | 4.04                     |                                | 3.88                                 |
| PULL #5 | 4.10             | 4.06                     |                                | 3.90                                 |
| TOTAL   | 20.42            | 20.26                    |                                | 19.85                                |
| AVG.    | 4.084            | 4.052                    |                                | 3.97                                 |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6225115

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .377598 |
| 1 TO | 2 | .371049 |
| 1 TO | 3 | .504843 |
| 1 TO | 4 | .504714 |
| 1 TO | 5 | .56594  |

+<sup>85</sup><sub>1</sub> <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .439  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0704  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .444609  
THE AMR FOR THIS RIFLE IS: .9466

29 Nov 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225115

# CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID \*

# OF SHOTS= 10

# IN CIR

1in = 3

2in = 7

3in = 10

HS= 1.598

VS= 1.739

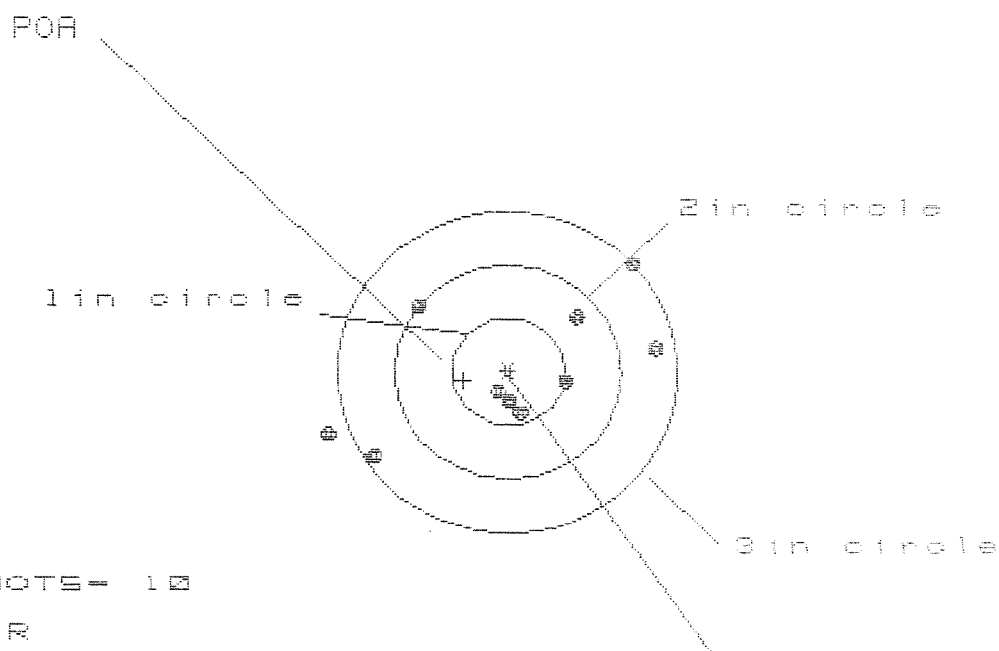
GS= 2.138

| PATTERN #                   | : | 10    | 9     | 8     |
|-----------------------------|---|-------|-------|-------|
| SHOTS (BEST OF)             | : | 10    | 9     | 8     |
| MAXIMUM X                   | : | .695  | .594  | .624  |
| MINIMUM X                   | : | -.903 | -.741 | -.711 |
| MAXIMUM Y                   | : | 1.056 | .980  | .947  |
| MINIMUM Y                   | : | -.683 | -.644 | -.521 |
| CENTROID X                  | : | .266  | .367  | .337  |
| CENTROID Y                  | : | -.268 | -.192 | -.315 |
| POA TO CENTROID in.         | : | .378  | .414  | .461  |
| MIN RADIUS                  | : | .296  | .416  | .296  |
| MEAN RADIUS                 | : | .708  | .663  | .587  |
| MAX RADIUS                  | : | 1.132 | 1.108 | 1.184 |
| HORIZONTAL SPREAD           | : | 1.598 | 1.335 | 1.335 |
| VERTICAL SPREAD             | : | 1.739 | 1.624 | 1.468 |
| EXTREME SPREAD              | : | 2.138 | 1.842 | 1.842 |
| NUMBER IN ONE INCH CIRCLE   | = | 3     |       |       |
| NUMBER IN TWO INCH CIRCLE   | = | 7     |       |       |
| NUMBER IN THREE INCH CIRCLE | = | 10    |       |       |

29 Nov 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225115

# CENTERFIRE PATTERNS # 2



# OF SHOTS = 10

# IN CIR

1 in = 3

2 in = 5

3 in = 8

HS = 2.982

VS = 1.826

GS = 3.162

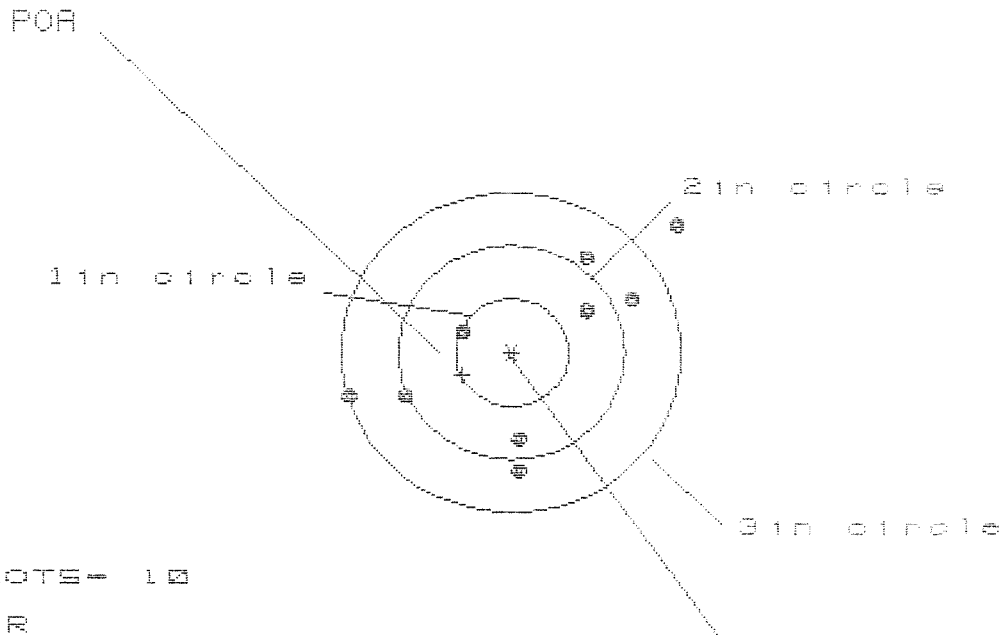
CENTROID \*

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.347  | 1.165  | 1.281  |
| MINIMUM X                     | -1.635 | -1.351 | -1.235 |
| MAXIMUM Y                     | 1.025  | .963   | .642   |
| MINIMUM Y                     | -.801  | -.863  | -.742  |
| CENTROID X                    | .392   | .574   | .458   |
| CENTROID Y                    | .081   | .143   | .022   |
| POA TO CENTROID in.           | .401   | .591   | .459   |
| MIN RADIUS                    | .204   | .368   | .203   |
| MEAN RADIUS                   | .924   | .827   | .732   |
| MAX RADIUS                    | 1.725  | 1.603  | 1.441  |
| HORIZONTAL SPREAD             | 2.982  | 2.516  | 2.516  |
| VERTICAL SPREAD               | 1.826  | 1.826  | 1.384  |
| EXTREME SPREAD                | 3.162  | 2.918  | 2.700  |
| NUMBER IN ONE INCH CIRCLE =   |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 8      |        |

29 Nov 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/06225115

# CENTERFIRE PATTERNS # 3



# OF SHOTS= 10

# IN CIR

1in = 1

2in = 3

3in = 8

HS= 2.891

VS= 2.337

GS= 3.304

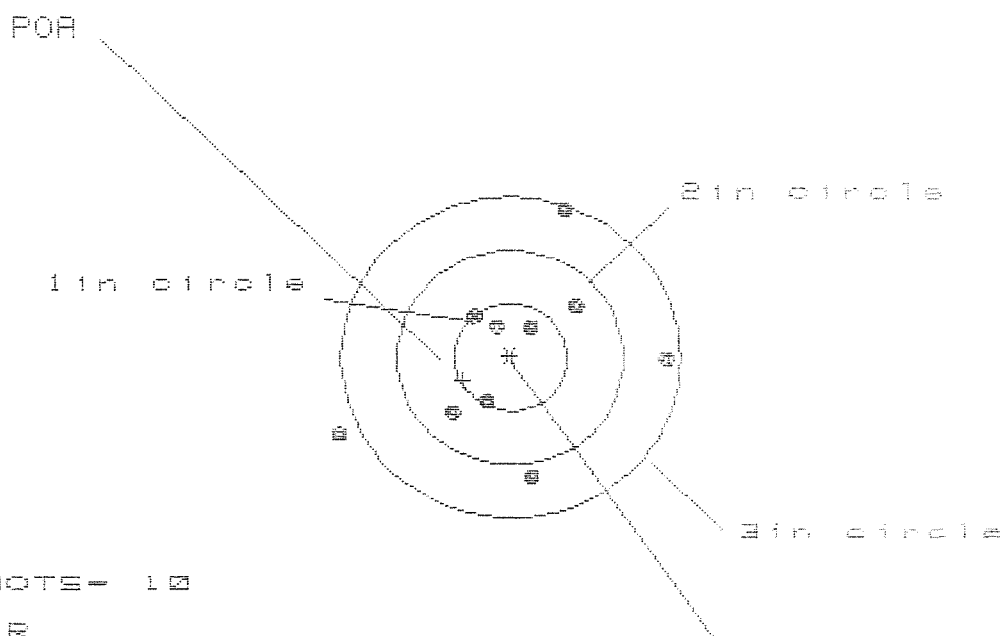
CENTROID #

| PATTERN #                     | 3      |
|-------------------------------|--------|
| SHOTS (BEST OF)               | 10     |
| MAXIMUM X                     | 1.417  |
| MINIMUM X                     | -1.474 |
| MAXIMUM Y                     | 1.234  |
| MINIMUM Y                     | -1.103 |
| CENTROID X                    | .437   |
| CENTROID Y                    | .207   |
| FOR TO CENTROID in.           | .483   |
| MIN RADIUS                    | .465   |
| MEAN RADIUS                   | 1.087  |
| MAX RADIUS                    | 1.879  |
| HORIZONTAL SPREAD             | 2.891  |
| VERTICAL SPREAD               | 2.337  |
| EXTREME SPREAD                | 3.304  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |
| NUMBER IN TWO INCH CIRCLE =   | 3      |
| NUMBER IN THREE INCH CIRCLE = | 8      |

25 Nov 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225115

# CENTERFIRE PATTERNS # 4



# OF SHOTS- 10

# IN CIR

1in = 2

2in = 6

3in = 8

HS= 2.934

VS= 2.507

GS= 3.004

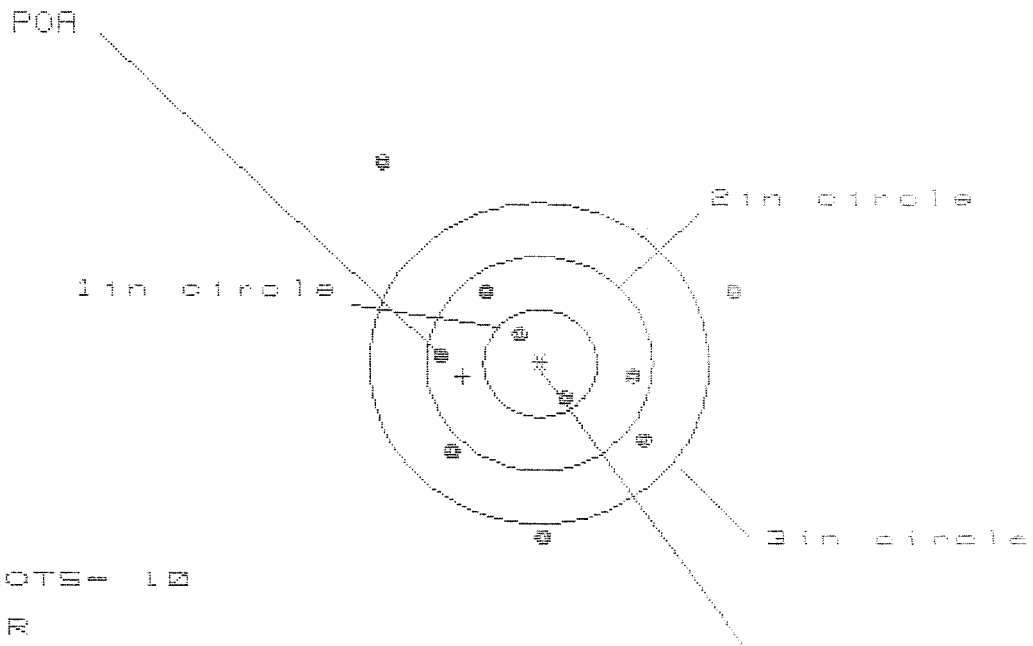
CENTROID \*

| PATTERN #                   | : | 4      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.396  | 1.225  | 1.259  |
| MINIMUM X                   | : | -1.538 | -.650  | -.616  |
| MAXIMUM Y                   | : | 1.366  | 1.289  | .552   |
| MINIMUM Y                   | : | -1.141 | -1.218 | -1.056 |
| CENTROID X                  | : | .422   | .593   | .559   |
| CENTROID Y                  | : | .212   | .289   | .128   |
| POA TO CENTROID in.         | : | .473   | .660   | .574   |
| MIN RADIUS                  | : | .294   | .178   | .338   |
| MEAN RADIUS                 | : | .883   | .786   | .730   |
| MAX RADIUS                  | : | 1.684  | 1.317  | 1.259  |
| HORIZONTAL SPREAD           | : | 2.934  | 1.875  | 1.875  |
| VERTICAL SPREAD             | : | 2.507  | 2.507  | 1.609  |
| EXTREME SPREAD              | : | 3.004  | 2.523  | 1.934  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

29 May 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/06225113

# CENTERFIRE PATTERNS # 5



# OF SHOTS= 10

# IN CIR

1in = 2

2in = 5

3in = 7

HS= 3.103

VS= 3.510

GS= 3.799

CENTROID #

| PATTERN #                     | 5      | 9      | 8      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.712  | 1.557  | .917   |
| MINIMUM X                     | -1.391 | -1.029 | -.834  |
| MAXIMUM Y                     | 1.877  | .900   | .984   |
| MINIMUM Y                     | -1.633 | -1.424 | -1.311 |
| CENTROID X                    | .678   | .833   | .638   |
| CENTROID Y                    | .120   | -.089  | -.202  |
| POA TO CENTROID in.           | .689   | .838   | .669   |
| MIN RADIUS                    | .315   | .111   | .247   |
| MEAN RADIUS                   | 1.131  | .974   | .872   |
| MAX RADIUS                    | 2.337  | 1.798  | 1.315  |
| HORIZONTAL SPREAD             | 3.103  | 2.586  | 1.751  |
| VERTICAL SPREAD               | 3.510  | 2.324  | 2.295  |
| EXTREME SPREAD                | 3.799  | 2.927  | 2.354  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 5      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 7      |        |        |