

C6225510

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5715

\*Includes 1 in chamber.

Remington

## Repair Inquiry

Repair Number: RE00112698

Serial: C6225510 Model M24 SWS Center Fire  
Caliber: 7.62 NATO

Repairman:

Status:

Closed 5/23/2006 11:37:27 AM

## Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEPARTMENT OF THE ARMY

DEPARTMENT OF THE ARMY

Address 1: A COMPANY 2ND BATTALION

A COMPANY 2ND BATTALION

Address 2: 7TH SPECIAL FORCES GROUP

PO Box:

7TH SPECIAL FORCES GROUP

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: NA

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   |
| A045 | Bi Pod                | 1   |
| A057 | Fit and Rear Sgt Base | 1   |

## Repair Search

## Refresh

## Close

naglej

5/23/2006

1:24 PM

CAPS

NUM

INS

SCRL



3 Micros...

2 Micros...

3 Intern...

Part Searc...

Arms Servi...



1:24 PM

Serial Number: C6225510

Model: M24 SWS



RE00112698

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225510.\_\_\_0

FILE DATE AND TIME: 06/06/2006 07:42

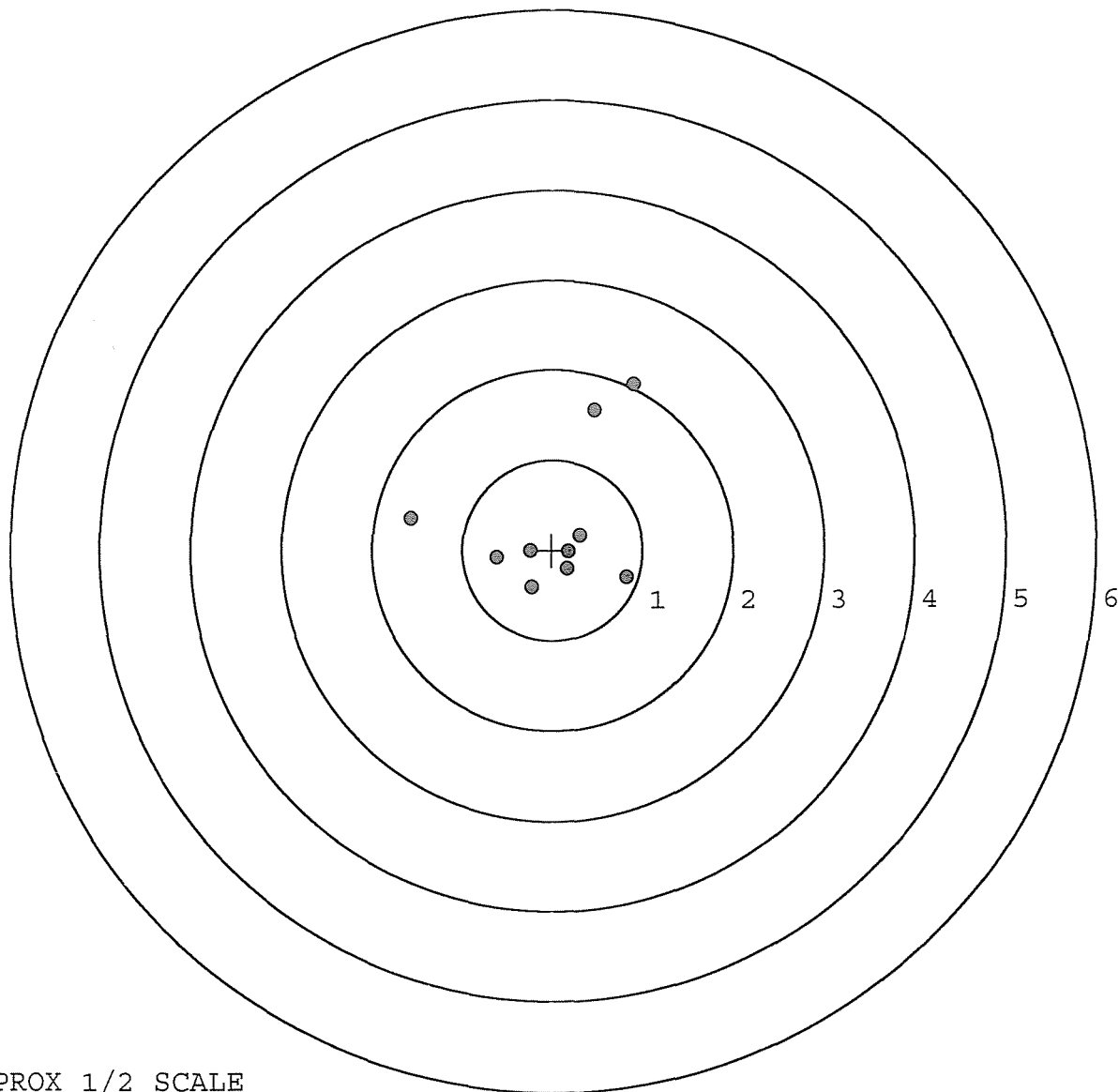
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.019 |
| The Average Y Centroid of the Five Target Set:              | 0.044  |
| The Average Point of Impact of the Five Target Set:         | 0.048  |
| The Average Mean Radius of the Five Target Set:             | 0.817  |
| The Distance from POA to Centroid Target #1:                | 0.287  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.522  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.167  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.408  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.375  |

SERIAL NUMBER: C6225510. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 06/06/2006  
FILE TIME: 07:42

X CENTROID: 0.017  
Y CENTROID: 0.287  
POA TO CENTROID: 0.287  
HORZ SPREAD: 2.473  
VERT SPREAD: 2.251  
GROUP SPREAD: 2.881  
MIN RADIUS: 0.306  
MAX RADIUS: 1.781  
MEAN RADIUS: 0.876  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 6  
# in 3 IN DIAMETER: 8

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.825  | -0.305 |
| 2:     | -1.576 | 0.357  |
| 3:     | -0.233 | -0.416 |
| 4:     | -0.618 | -0.080 |
| 5:     | -0.242 | -0.011 |
| 6:     | 0.173  | -0.213 |
| 7:     | 0.182  | -0.019 |
| 8:     | 0.301  | 0.172  |
| 9:     | 0.461  | 1.547  |
| 10:    | 0.897  | 1.835  |

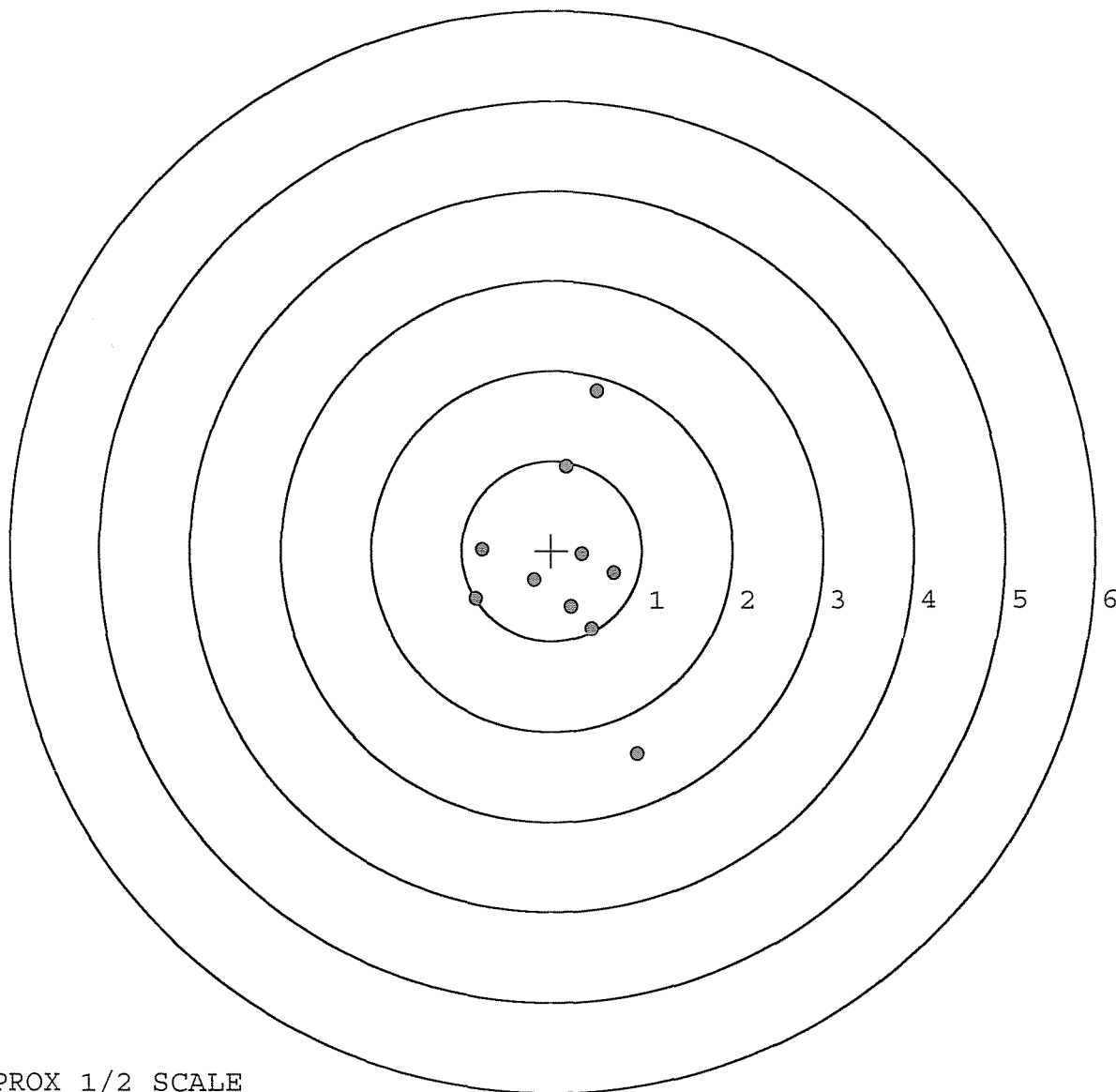


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225510. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 06/06/2006  
FILE TIME: 07:42

X CENTROID: 0.149  
Y CENTROID: -0.218  
POA TO CENTROID: 0.264  
HORZ SPREAD: 1.798  
VERT SPREAD: 4.031  
GROUP SPREAD: 4.057  
MIN RADIUS: 0.257  
MAX RADIUS: 2.190  
MEAN RADIUS: 0.965  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 6  
# in 3 IN DIAMETER: 8

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.442  | -0.869 |
| 2:     | 0.691  | -0.253 |
| 3:     | 0.215  | -0.630 |
| 4:     | 0.334  | -0.039 |
| 5:     | -0.194 | -0.331 |
| 6:     | -0.840 | -0.538 |
| 7:     | -0.769 | 0.016  |
| 8:     | 0.161  | 0.940  |
| 9:     | 0.497  | 1.778  |
| 10:    | 0.958  | -2.253 |

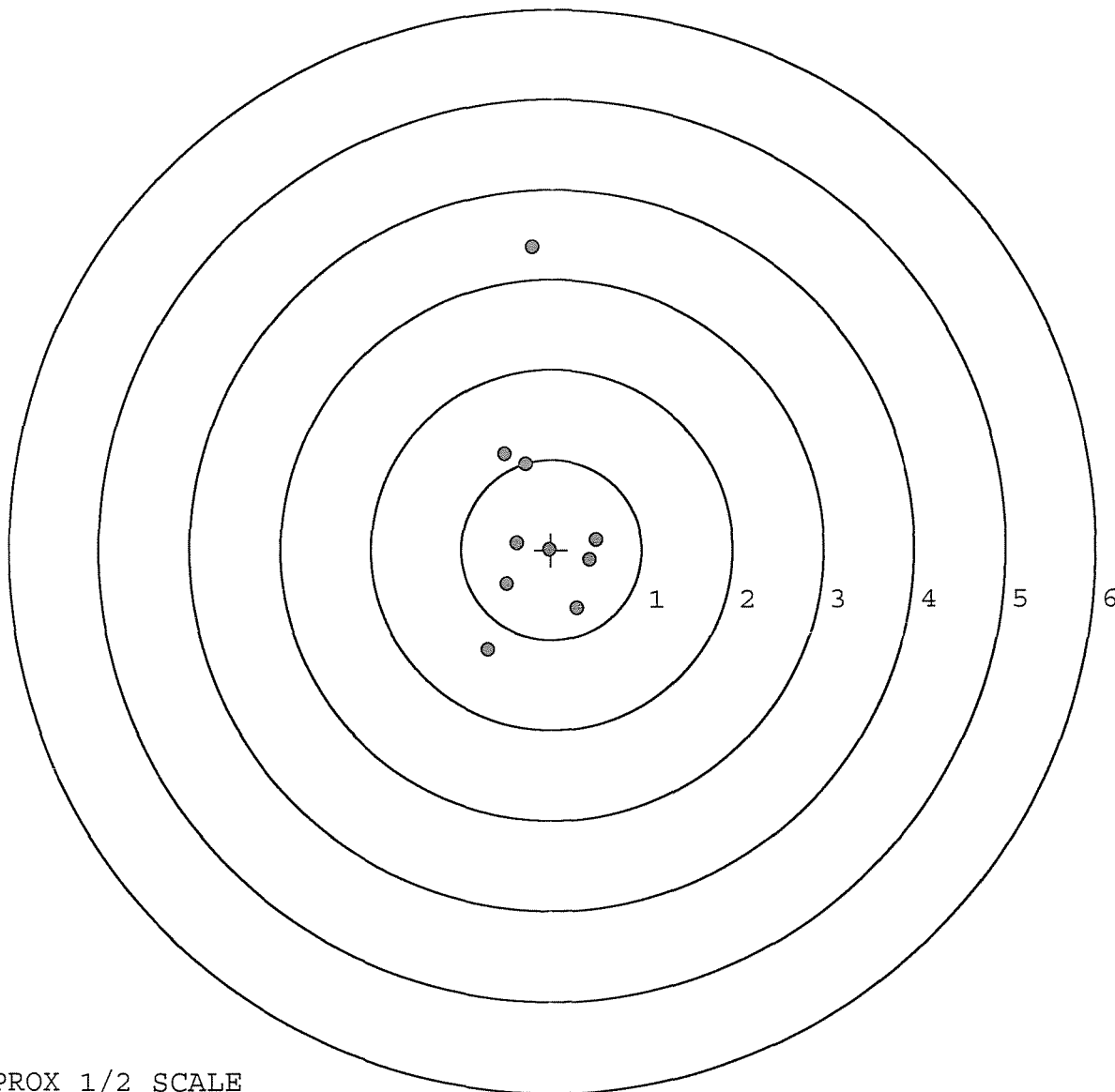


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225510. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 06/06/2006  
FILE TIME: 07:42

X CENTROID: -0.144  
Y CENTROID: 0.330  
POA TO CENTROID: 0.360  
HORZ SPREAD: 1.199  
VERT SPREAD: 4.473  
GROUP SPREAD: 4.499  
MIN RADIUS: 0.347  
MAX RADIUS: 3.025  
MEAN RADIUS: 1.000  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 8

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.523 | 1.062  |
| 2:     | -0.293 | 0.951  |
| 3:     | -0.385 | 0.075  |
| 4:     | -0.022 | 0.005  |
| 5:     | 0.498  | 0.116  |
| 6:     | 0.422  | -0.108 |
| 7:     | 0.281  | -0.651 |
| 8:     | -0.498 | -0.386 |
| 9:     | -0.701 | -1.119 |
| 10:    | -0.220 | 3.354  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225510. 0

TARGET NUMBER: 4

FILE DATE: 06/06/2006

FILE TIME: 07:42

X CENTROID: -0.136

Y CENTROID: -0.092

POA TO CENTROID: 0.164

HORZ SPREAD: 2.236

VERT SPREAD: 1.714

GROUP SPREAD: 2.348

MIN RADIUS: 0.246

MAX RADIUS: 1.196

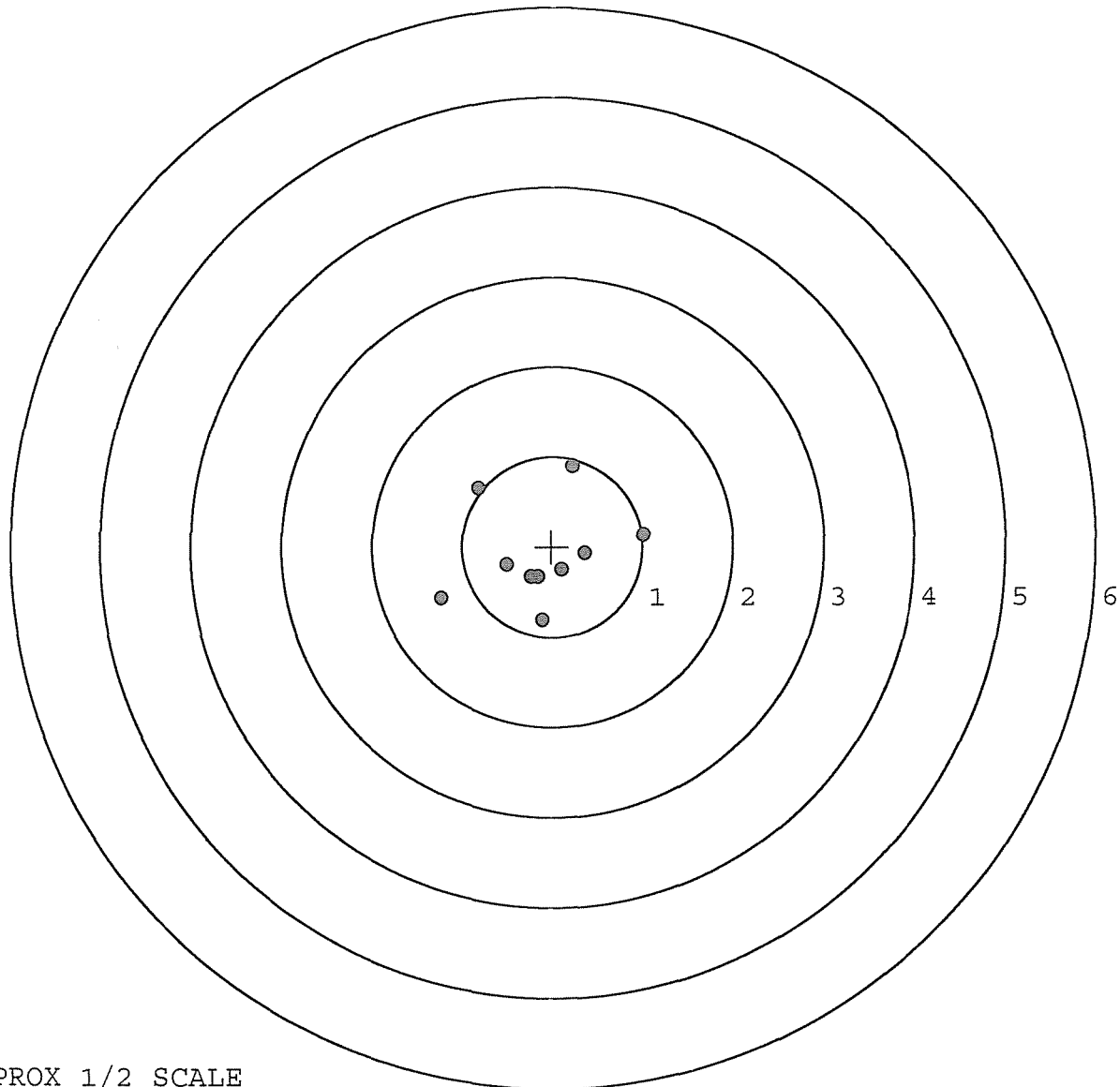
MEAN RADIUS: 0.685

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.008  | 0.139  |
| 2:     | 0.223  | 0.896  |
| 3:     | -0.822 | 0.652  |
| 4:     | -1.228 | -0.579 |
| 5:     | -0.504 | -0.202 |
| 6:     | -0.238 | -0.339 |
| 7:     | -0.158 | -0.337 |
| 8:     | -0.109 | -0.818 |
| 9:     | 0.110  | -0.257 |
| 10:    | 0.363  | -0.072 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225510. \_\_0

TARGET NUMBER: 5

FILE DATE: 06/06/2006

FILE TIME: 07:42

X CENTROID: 0.020

Y CENTROID: -0.088

POA TO CENTROID: 0.090

HORZ SPREAD: 1.096

VERT SPREAD: 1.470

GROUP SPREAD: 1.540

MIN RADIUS: 0.125

MAX RADIUS: 0.851

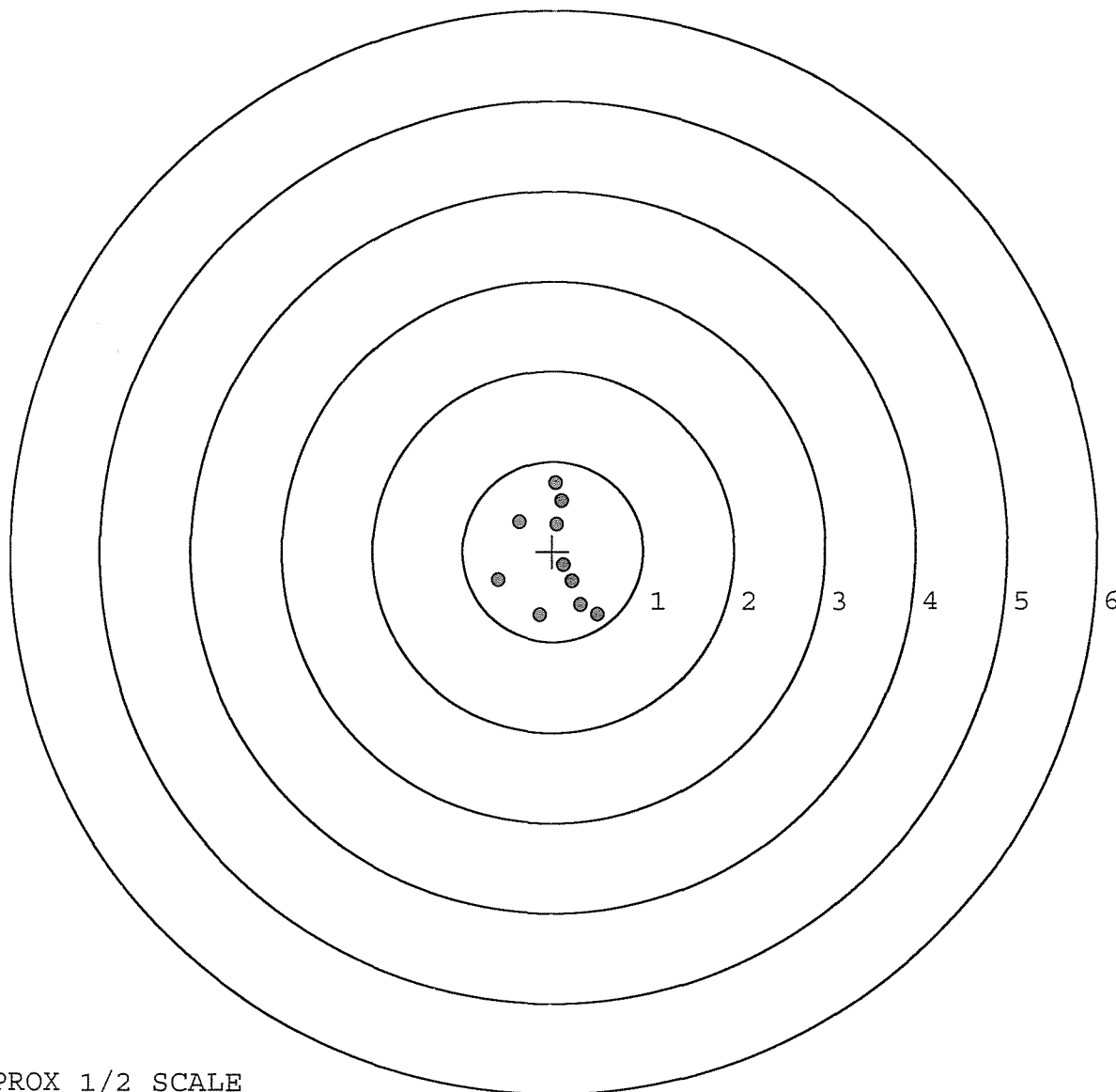
MEAN RADIUS: 0.558

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.376 | 0.324  |
| 2:     | -0.601 | -0.328 |
| 3:     | -0.146 | -0.707 |
| 4:     | 0.495  | -0.706 |
| 5:     | 0.032  | 0.763  |
| 6:     | 0.094  | 0.562  |
| 7:     | 0.044  | 0.302  |
| 8:     | 0.125  | -0.156 |
| 9:     | 0.220  | -0.339 |
| 10:    | 0.309  | -0.595 |



TARGET APPROX 1/2 SCALE

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

|               |                      |                                                                                                                                                                        |                                 |         |
|---------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|---------|
| R & E NUMBER  | 112698               |                                                                                                                                                                        |                                 |         |
| SERIAL NUMBER | C6225510             |                                                                                                                                                                        |                                 |         |
| LOG-IN DATE   | 5-23-06              |                                                                                                                                                                        |                                 |         |
| OPERATION #   | OPERATION NAME       |                                                                                                                                                                        | DATE                            | INITIAL |
| 500           | DIS-ASSEMBLE GUN     |                                                                                                                                                                        | 5-24-06                         | RTZ     |
| 505           | RE-BARREL            |                                                                                                                                                                        | 5-26-06                         | RTZ     |
| 560           | ASSEMBLE             |                                                                                                                                                                        | 5-30-06                         | RTZ     |
| 600           | PROOF                | MAGNA-FLUX INSPECTED                                                                                                                                                   | 5-30-06                         | TRW     |
| 605           | CHECK HEADSPACE      |                                                                                                                                                                        | 5-30-06                         | TRW     |
| 610           | DIS-ASSEMBLE GUN     | JUN 02 2006                                                                                                                                                            | 6-1-06                          | RTZ     |
| 612           | MAGNAFLUX            | OPERATOR <u>QPD</u>                                                                                                                                                    | 6-2-06                          | APD     |
| 510           | DRILL AND TAP        |                                                                                                                                                                        | 6-1-06                          | TRW     |
| 615           | ROLLMARK CALIBER     |                                                                                                                                                                        | 6-2-06                          | CW      |
| 618           | ROTO-BLAST           |                                                                                                                                                                        | 6-2-06                          | CB      |
| 620           | APPLY COATINGS       |                                                                                                                                                                        | 6/5/06                          | TS      |
| 625           | FINAL ASSEMBLY       |                                                                                                                                                                        | 6-6-06                          | RTZ     |
| 640           | FUNCTION TEST AND    | PASS FAIL                                                                                                                                                              | 6-6-06                          | TRW     |
| 650           | TARGET               | PASS FAIL                                                                                                                                                              | 6-6-06                          | TRW     |
|               | MALFUNCTION          | CORRECTION                                                                                                                                                             |                                 |         |
|               | MALFUNCTION          | CORRECTION                                                                                                                                                             |                                 |         |
|               | MALFUNCTION          | CORRECTION                                                                                                                                                             |                                 |         |
|               | MALFUNCTION          | CORRECTION                                                                                                                                                             |                                 |         |
| 670           | FINAL INSPECTION     |                                                                                                                                                                        | 6-6-06                          | RP      |
|               | A) HEADSPACE         | PASS FAIL                                                                                                                                                              | 6-8-06                          | AK      |
|               | 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> | 2.41 2.59 2.57 2.68 2.59 6-8-06 | DA      |
| 680           | F) SAFETY ON FORCE   | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           2 LBS MIN<br/>           10 LBS MAX         </div>                               | 5.0 4.5 4.5 6-8-06              | DA      |
|               | G) SAFETY OFF FORCE  | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           2 LBS MIN         </div>                                                         | 2.5 2.5 2.5 6-8-06              | DA      |
|               | I) FIRING PIN INDENT | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           .020         </div>                                                              | .021 .020 .021 6-8-06           | DA      |
| 690           | PACK                 |                                                                                                                                                                        | 6-9-06                          | DA      |

**Remington®**



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

**MODEL 700™ H24**

**SERIAL NO.**

**C6225510**

**ORDER NO.**

**5716**

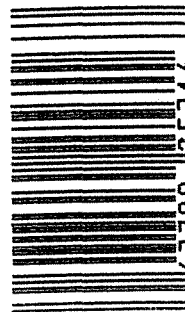
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6225510

20

**UPC**



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225510

| OP. #        | OP. NAME                                                       | READINGS | DATE     | INITIAL |
|--------------|----------------------------------------------------------------|----------|----------|---------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 12 9 88  | 88       | RW      |
| 600          | Proof                                                          | 12 9 88  | 88       | RW      |
| 607          | Check Headspace                                                | 12 9 88  | 88       | RW      |
| 610          | Dis-assemble Gun                                               | 12 9 88  | 88       | RW      |
| 612          | Magnaflux Barrel<br>Action                                     |          | 12 22 88 | Rfc.    |
|              | Magnaflux Bolt                                                 |          | 1-3-89   | Rfc.    |
| 615          | Rollmark Caliber                                               |          | 12/22/88 | MJC     |
| 617          | Drill and Tap Sight Holes                                      | 1 3 89   | 89       | FB      |
| 618          | Polish Barrel                                                  | 12 2 88  | 88       | wfT     |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 1-12-89  | TJA     |
|              | Apply Coating (Bolt)                                           |          |          |         |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 2/9/89   | RW      |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 2/9/89   | RW      |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 2/9/89   | RW      |
|              | D) Oil Firing Pin Ass'y                                        |          | 2/9/89   | RW      |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 132/1/89 | 998     |

| op. #        | OP. NAME                                                    | READINGS |      |       |      |      | DATE    | INITIAL |
|--------------|-------------------------------------------------------------|----------|------|-------|------|------|---------|---------|
| 625<br>cont. | F) Safety On Force                                          | 4        | 4    | 4     |      |      | 14/6/89 | JS      |
|              | G) Safety Off Force                                         | 3        | 3    | 3     |      |      | 14/6/89 | JS      |
|              | H) Trigger Pull Test & Retainability                        |          |      |       |      |      | 13/6/89 | JS      |
|              | I) Firing Pin Indent                                        | .0205    | .021 | .0205 |      |      | 13/6/89 | JS      |
|              | J) Assemble Stock                                           |          |      |       |      |      | 2/16/89 | RW      |
|              | K) Assemble Swivel Studs                                    |          |      |       |      |      | 17/6/89 | JS      |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |       |      |      | 2/16/89 | RW      |
|              | M) Iron Sight Alignment                                     |          |      |       |      |      | 2/16/89 | RW      |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |       |      |      | 2/16/89 | RW      |
|              | O) Attach Scope to Rifle                                    |          |      |       |      |      | 16/6/89 | JS      |
|              | P) Detach & Attach Scope 20 Times                           |          |      |       |      |      | 16/6/89 | JS      |
| 640          | Gallery Target & Test                                       | 78K      | 75L  |       |      |      | 2/16/89 | DH      |
|              | A) Time                                                     |          |      |       |      |      | 2/16/89 | DH      |
|              | B) Malfunctions                                             |          |      |       |      |      | 2/16/89 | DH      |
|              | C) Pierced Primers                                          |          |      |       |      |      | 2/16/89 | DH      |
|              | D) Optical Clarity of Scope                                 |          |      |       |      |      | 2/16/89 | DH      |
| 645          | Inspect for Live Ammo                                       |          |      |       |      |      | 2/16/89 | DH      |
| 655          | Final Inspection                                            |          |      |       |      |      |         |         |
|              | A) Headspace                                                |          |      |       |      |      | 17/6/89 | JS      |
|              | B) Trigger Pull                                             | 2.49     | 2.46 | 2.49  | 2.53 | 2.52 | 17/6/89 | JS      |
|              | C) Function                                                 |          |      |       |      |      | 17/6/89 | JS      |
| 660          | Pack                                                        |          |      |       |      |      | 22/6/89 | JS      |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

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

SERIAL NO. 5510  
DATE 4-2-90  
TESTER JH

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-------|------------------------------------------------------------------------|
| PULL #1 | 2.48             | 2.46                     |                                | 2.50  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.45             | 2.35                     |                                | 2.42  |                                                                        |
| PULL #3 | 2.37             | 2.45                     |                                | 2.44  |                                                                        |
| PULL #4 | 2.43             | 2.48                     |                                | 2.27  |                                                                        |
| PULL #5 | 2.51             | 2.46                     |                                | 2.44  |                                                                        |
| TOTAL   | 12.24            | 12.20                    |                                | 12.07 |                                                                        |
| AVG.    | 2.448            | 2.44                     |                                | 2.414 |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.38             | 3.25                     |  |          |
| PULL #2 | 3.33             | 3.39                     |  |          |
| PULL #3 | 3.37             | 3.41                     |  |          |
| PULL #4 | 3.34             | 3.33                     |  |          |
| PULL #5 | 3.42             | 3.40                     |  |          |
| TOTAL   | 16.84            | 16.78                    |  |          |
| AVG.    | 3.368            | 3.356                    |  |          |

|         | 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 | 4.44             | 4.39                     |                                | 4.00                                 |  |
| PULL #2 | 4.38             | 4.32                     |                                | 4.00                                 |  |
| PULL #3 | 4.34             | 4.33                     |                                |                                      |  |
| PULL #4 | 4.31             | 4.38                     |                                |                                      |  |
| PULL #5 | 4.36             | 4.30                     |                                |                                      |  |
| TOTAL   | 21.83            | 21.72                    |                                |                                      |  |
| AVG.    | 4.366            | 4.344                    |                                |                                      |  |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6225510  
17 Feb 1989

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .192627 |
| 1 TO | 2 | .757515 |
| 1 TO | 3 | .517088 |
| 1 TO | 4 | .266655 |
| 1 TO | 5 | .390633 |

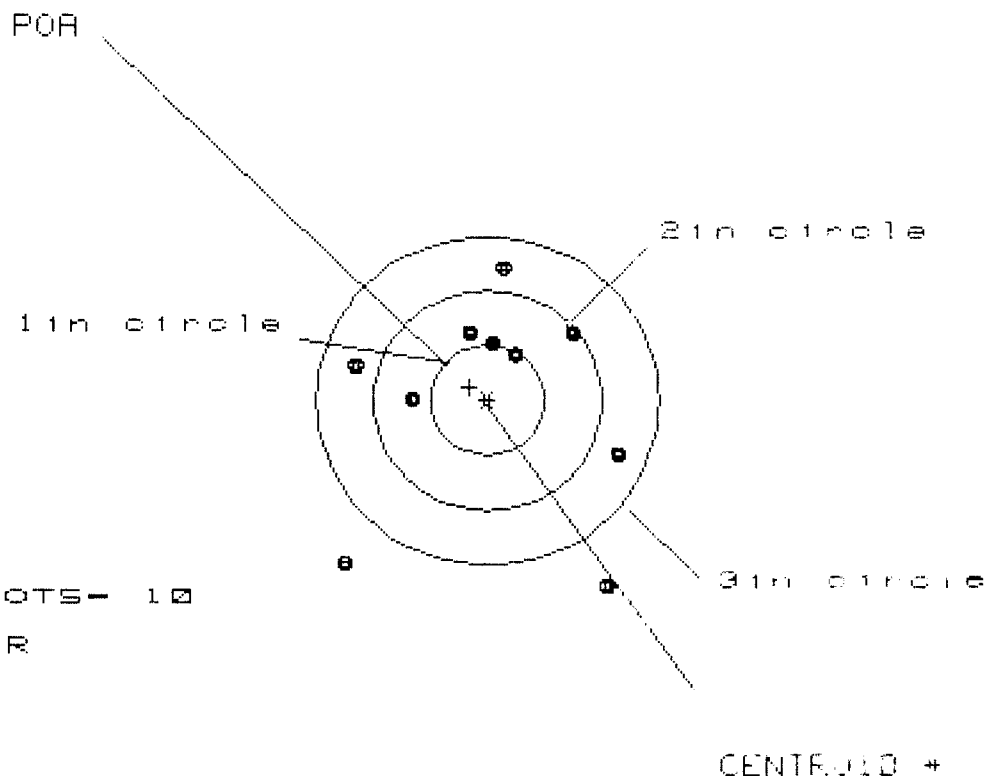
$t_1^2$  <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4526  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1316  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .471344  
  
THE AMR FOR THIS RIFLE IS: .886

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/06225510

# CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1 in = 1

2 in = 4

3 in = 5

HS= 2.440

VS= 2.829

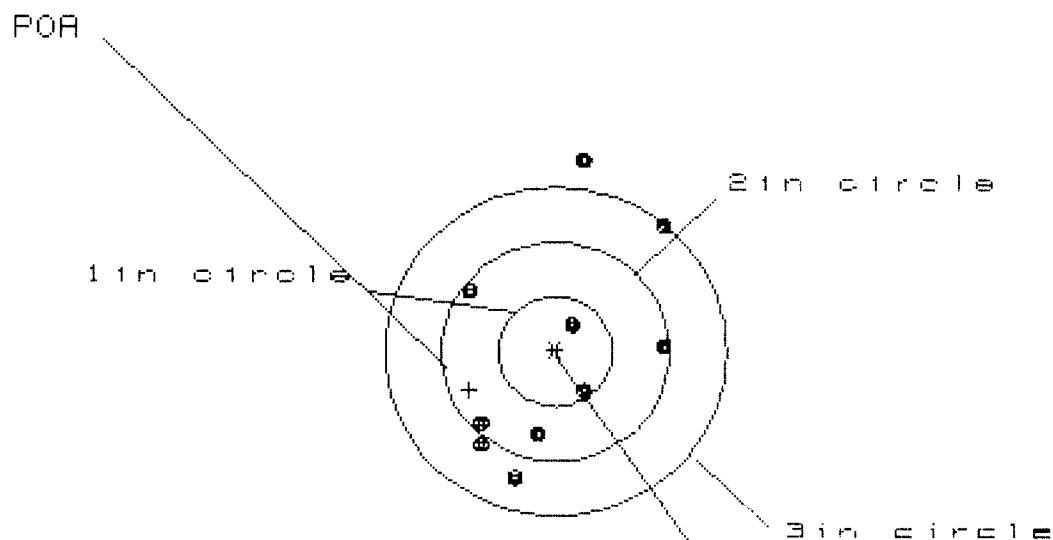
GS= 3.071

| PATTERN #                   | : | 1      | 2      | 3      |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.139  | .994   | 1.110  |
| MINIMUM X                   | : | -1.301 | -1.349 | -1.233 |
| MAXIMUM Y                   | : | 1.164  | .994   | .765   |
| MINIMUM Y                   | : | -1.665 | -1.835 | -.838  |
| CENTROID X                  | : | .156   | .301   | .183   |
| CENTROID Y                  | : | -.113  | .057   | .296   |
| POA TO CENTROID in.         | : | .193   | .306   | .341   |
| MIN RADIUS                  | : | .430   | .219   | .117   |
| MEAN RADIUS                 | : | 1.087  | .923   | .693   |
| MAX RADIUS                  | : | 2.011  | 2.057  | 1.391  |
| HORIZONTAL SPREAD           | : | 2.440  | 2.343  | 2.343  |
| VERTICAL SPREAD             | : | 2.829  | 2.829  | 1.600  |
| EXTREME SPREAD              | : | 3.071  | 3.014  | 2.404  |
| NUMBER IN ONE INCH CIRCLE   | = | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE   | = | 4      |        |        |
| NUMBER IN THREE INCH CIRCLE | = | 5      |        |        |

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225510

# CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1in = 2

2in = 6

3in = 9

HS= 1.675

VS= 2.905

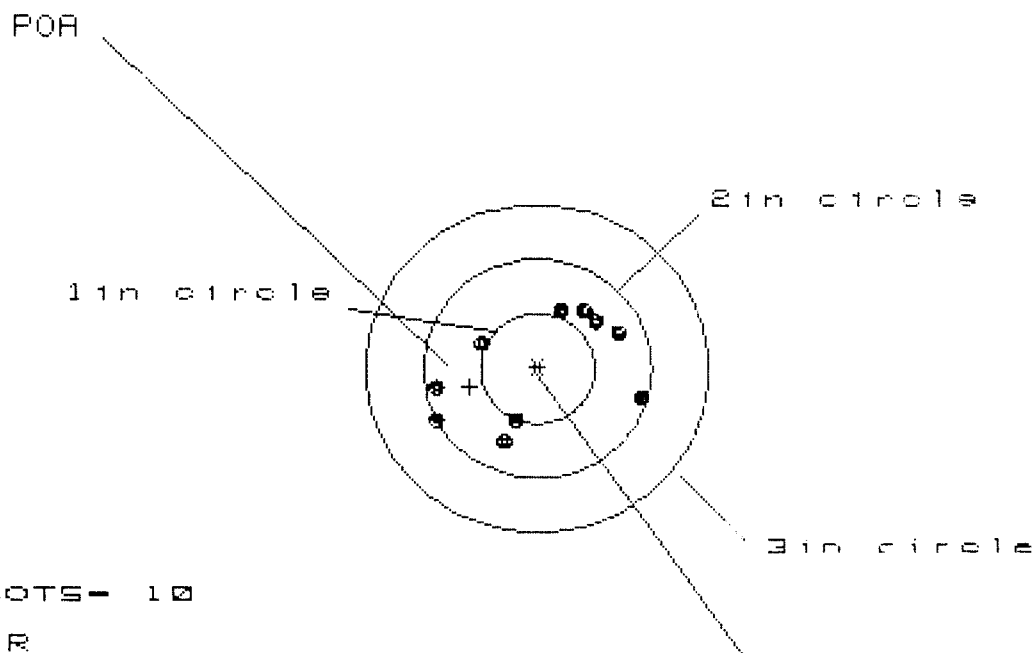
GS= 2.951

| PATTERN #                   | : | 2      |       |       |
|-----------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | .953   | .976  | 1.085 |
| MINIMUM X                   | : | -.722  | -.699 | -.517 |
| MAXIMUM Y                   | : | 1.756  | 1.296 | .902  |
| MINIMUM Y                   | : | -1.149 | -.954 | -.792 |
| CENTROID X                  | : | .754   | .731  | .609  |
| CENTROID Y                  | : | .352   | .157  | -.005 |
| POA TO CENTROID in.         | : | .832   | .748  | .609  |
| MIN RADIUS                  | : | .303   | .336  | .375  |
| MEAN RADIUS                 | : | .970   | .848  | .716  |
| MAX RADIUS                  | : | 1.768  | 1.622 | 1.152 |
| HORIZONTAL SPREAD           | : | 1.675  | 1.675 | 1.662 |
| VERTICAL SPREAD             | : | 2.905  | 2.250 | 1.634 |
| EXTREME SPREAD              | : | 2.951  | 2.582 | 1.775 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9     |       |

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C6225510

# CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 9

3in = 10

HS= 1.852

VS= 1.251

GS= 1.857

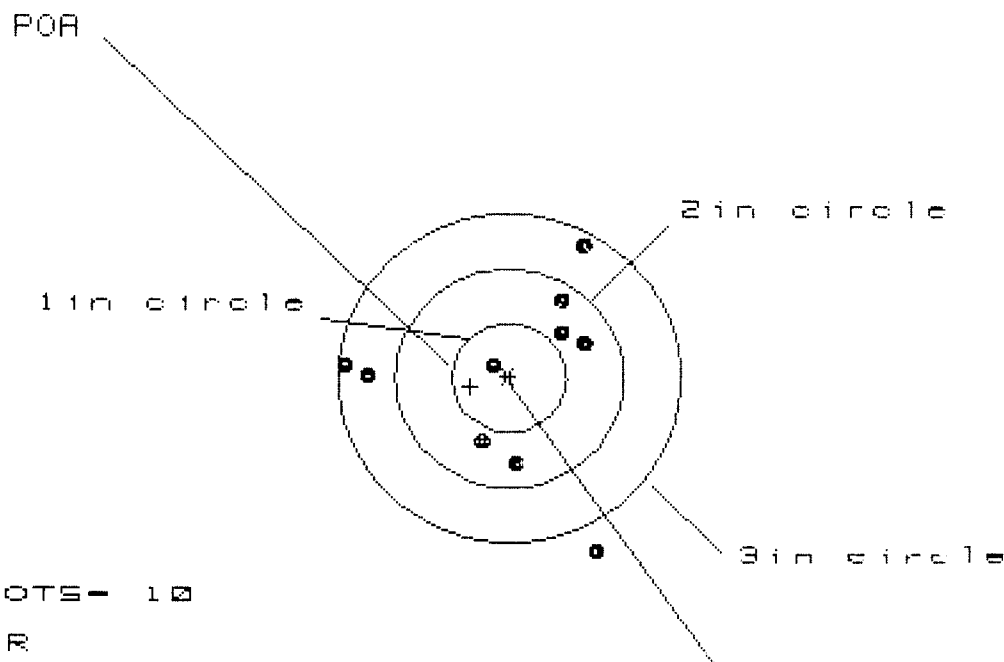
CENTROID #

| PATTERN #                     | : | 3     |        |       |
|-------------------------------|---|-------|--------|-------|
| SHOTS (BEST OF)               | : | 10    | 9      | 8     |
| MAXIMUM X                     | : | .922  | .820   | .706  |
| MINIMUM X                     | : | -.930 | -1.032 | -.929 |
| MAXIMUM Y                     | : | .574  | .521   | .476  |
| MINIMUM Y                     | : | -.677 | -.730  | -.775 |
| CENTROID X                    | : | .592  | .694   | .591  |
| CENTROID Y                    | : | .165  | .218   | .263  |
| POA TO CENTROID in.           | : | .614  | .727   | .647  |
| MIN RADIUS                    | : | .463  | .532   | .521  |
| MEAN RADIUS                   | : | .746  | .701   | .672  |
| MAX RADIUS                    | : | 1.036 | 1.057  | .969  |
| HORIZONTAL SPREAD             | : | 1.852 | 1.852  | 1.635 |
| VERTICAL SPREAD               | : | 1.251 | 1.251  | 1.251 |
| EXTREME SPREAD                | : | 1.857 | 1.857  | 1.707 |
| NUMBER IN ONE INCH CIRCLE =   |   |       | 1      |       |
| NUMBER IN TWO INCH CIRCLE =   |   |       | 9      |       |
| NUMBER IN THREE INCH CIRCLE = |   |       | 10     |       |

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/08225510

# CENTERFIRE PATTERNS # 4



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.139

VS= 2.866

GS= 2.866

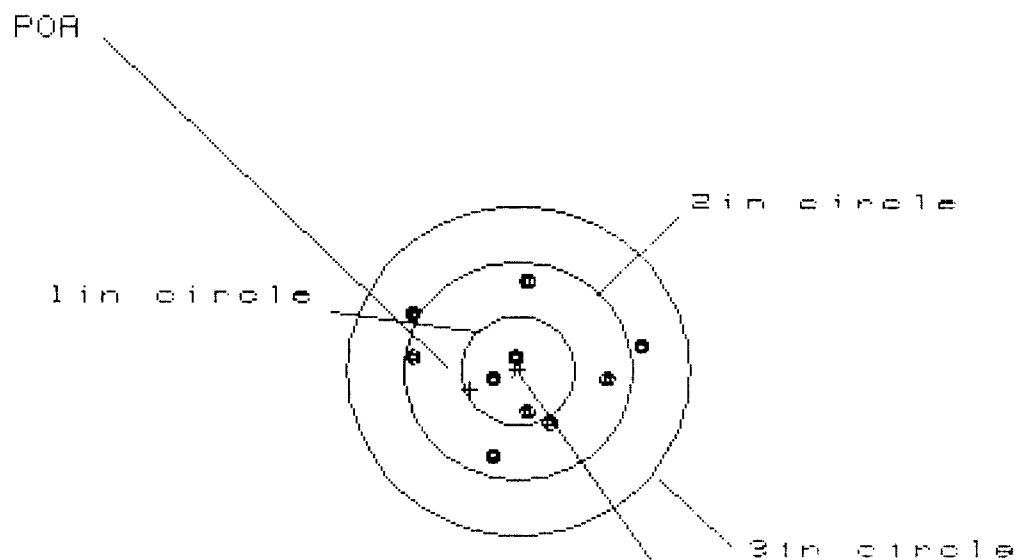
CENTROID #

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 4      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | .748   | .729   | .797   |
| MINIMUM X                   | : | -1.391 | -1.308 | -1.217 |
| MAXIMUM Y                   | : | 1.262  | 1.084  | .681   |
| MINIMUM Y                   | : | -1.604 | -.919  | -.784  |
| CENTROID X                  | : | .340   | .257   | .166   |
| CENTROID Y                  | : | .080   | .258   | .123   |
| POA TO CENTROID in.         | : | .350   | .365   | .207   |
| MIN RADIUS                  | : | .169   | .065   | .098   |
| MEAN RADIUS                 | : | .944   | .838   | .781   |
| MAX RADIUS                  | : | 1.770  | 1.309  | 1.223  |
| HORIZONTAL SPREAD           | : | 2.139  | 2.037  | 2.014  |
| VERTICAL SPREAD             | : | 2.866  | 2.003  | 1.465  |
| EXTREME SPREAD              | : | 2.866  | 2.318  | 2.020  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C6225510

# CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1 in - 3

2 in - 8

3 in = 10

HS- 1.994

VS= 1.661

GS= 2.000

CENTROID \*

| PATTERN #                   | : | 5     |        |       |
|-----------------------------|---|-------|--------|-------|
| SHOTS (BEST OF)             | : | 10    | 9      | 8     |
| MAXIMUM X                   | : | 1.039 | .933   | .813  |
| MINIMUM X                   | : | -.955 | -1.009 | -.893 |
| MAXIMUM Y                   | : | .872  | .925   | .961  |
| MINIMUM Y                   | : | -.789 | -.736  | -.700 |
| CENTROID X                  | : | .421  | .527   | .411  |
| CENTROID Y                  | : | .174  | .121   | .085  |
| POA TO CENTROID in.         | : | .456  | .541   | .419  |
| MIN RADIUS                  | : | .095  | .173   | .185  |
| MEAN RADIUS                 | : | .683  | .638   | .579  |
| MAX RADIUS                  | : | 1.068 | 1.020  | .969  |
| HORIZONTAL SPREAD           | : | 1.994 | 1.942  | 1.706 |
| VERTICAL SPREAD             | : | 1.661 | 1.661  | 1.661 |
| EXTREME SPREAD              | : | 2.008 | 1.947  | 1.718 |
| NUMBER IN ONE INCH CIRCLE   | = |       | 3      |       |
| NUMBER IN TWO INCH CIRCLE   | = |       | 8      |       |
| NUMBER IN THREE INCH CIRCLE | = |       | 10     |       |

BBL-96003

**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: **RE00008599** Serial: **C6225510** Model **700** Center Fire Caliber: **7.62 M-24 (SWS)** Repairman: Status: **Closed 4/27/00 9:23:02 AM**

**Address Information**

Customer: ☒ Received From Return To: ☒ Received From

Name: **2/7TH SPECIAL FORCES GROUP (A)** **2/7TH SPECIAL FORCES GROUP (A)**

Address 1: **ATTN: S4, BLDG. E-3323** **ATTN: S4, BLDG. E-3323**

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

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

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

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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

**Contact Information**

Phone:

Fax:

Email:

Comments:

**Received Condition**

Condition: **Poor**

Condition Notes:

CSR Notes:

**Accessories Received**

| Code | Desc                | Qty |
|------|---------------------|-----|
| A007 | With Stud, & SWIVEL | 2   |
| A016 | Scope Mounts        | 2   |
| A017 | Scope Base          | 1   |
| A026 | Scope               | 1   |
| XX   | W/BI-POD & FRT. SG  | 1   |

**Repair Search** **Refresh** **Close**

naglej 4/27/00 12:51 PM CAPS NUM INS SCRL

Start Inb Na SA Ex Mi A Pa W Mi Pri 12:51 PM

Serial Number: **C6225510**

Model: **700**



**RE00008599**

Scope S/N 88-0576  
Bi-pod  
Front Sight Assy

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

[illegible]

# Final Inspection

S.N.

DATE REC'D:

DATE RET'D:

Auditor: *huv*

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, Iliou, N.Y.

Centroidal distance calculations for Rifle # c6225510  
22 Jul 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1618  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0576  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .171747

THE AM: FOR THIS RIFLE IS: 1.208

# CENTROIDAL DISTANCES

|      |   |          |
|------|---|----------|
| 0 TO | 1 | .426269  |
| 1 TO | 2 | .529401  |
| 1 TO | 3 | .643145  |
| 1 TO | 4 | .0916788 |
| 1 TO | 5 | .646845  |

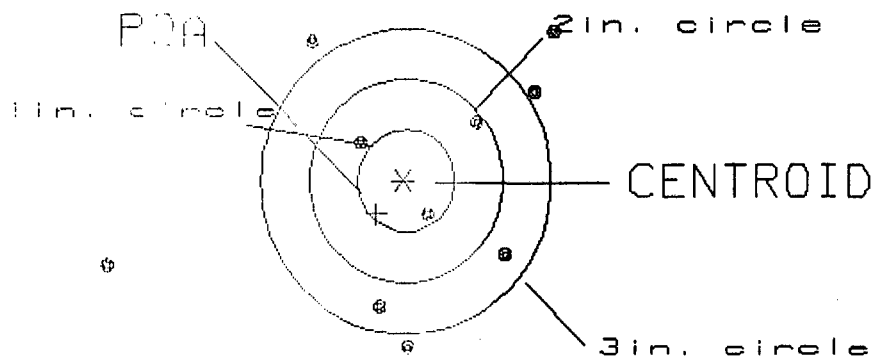
2 14  
+ <----POA  
5 3

PATTERN : □ □ □  
 PCA TO CENTROID: .426  
 MIN RANGE : .409  
 MEAN RANGE : 1.454  
 MAX RANGE : 3.144  
 CENTROID X : .277  
 CENTROID Y : .324

22 JUL 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225510

# CENTERFIRE PATTERN # 1



# OF SHOTS= 10

# IN CIRCLE

1S= 4.52  
 2S= 3.06  
 3S= 5.06

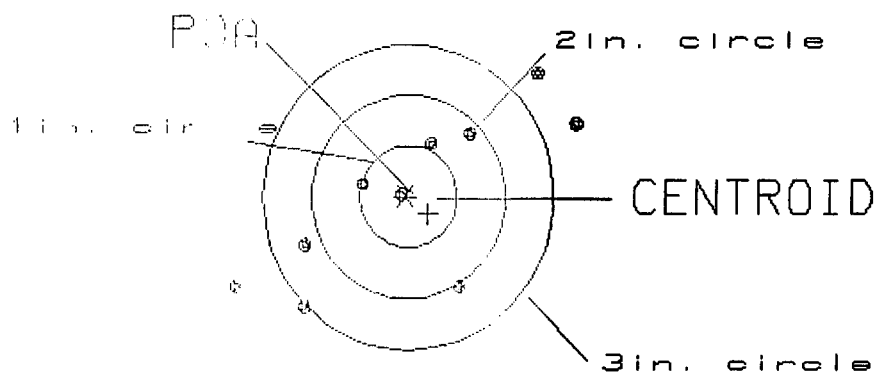
1  
 3  
 5

PATTERN : 1  
 POINT TO CENTER : .290  
 MIN. RADIUS : .084  
 MEAN RADIUS : 1.136  
 MAX. RADIUS : 1.912  
 CONTROL X : -.231  
 CONTROL Y : .175

22 JUL 1988

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225510

# CENTERFIRE PATTERN # 2



# OF SHOTS= 1

# IN CIRCLE

1S= 3.14  
 2S= 2.19  
 3S= 3.10

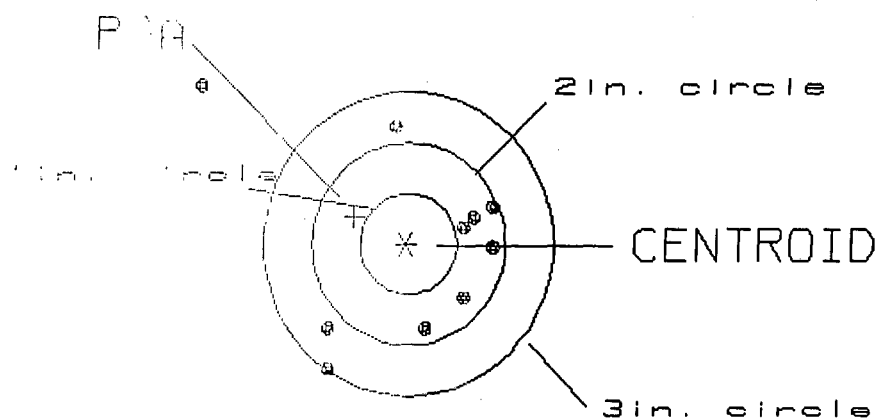
2  
 4  
 6

PATTERN # 1  
 P TO CENTROID : .595  
 M RADIUS : .581  
 M RADIUS : 1.117  
 M RADIUS : 2.578  
 C RADIUS X : .533  
 C RADIUS Y : -.266

12 01 2000

FILE:/Hptasic/Accuracy/Patterning/Centerfire\_Patt/c6225510

# CENTERFIRE PATTERN # 3



C OF SHOTS = 1

# IN CIRCLE

S= 2.99  
 S= 2.75  
 S= 3.20

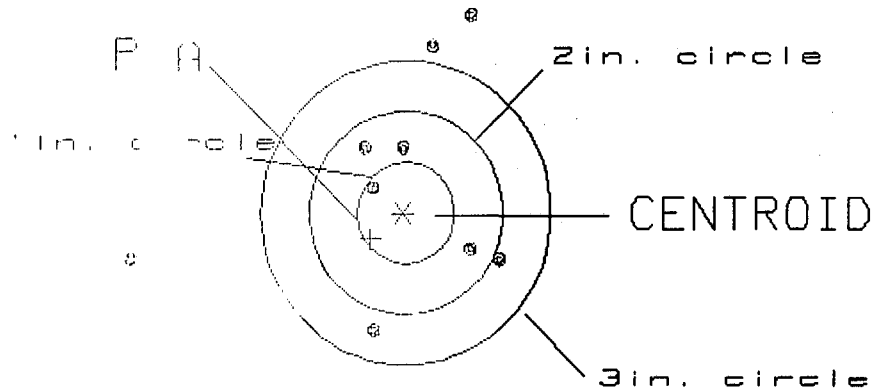
0  
 6  
 9

PATTERN #: 4  
 1. CENTROID : .120  
 2. RADIUS : .351  
 3. MAX. DIAMETER : 1.427  
 4. RADIUS : 2.959  
 5. TRC. X : .335  
 6. TRC. Y : .253

22 JUL 2000

FILE:/Hptasic/Accuracy/Patterning/Centerfire\_Patt/c6225510

# CENTERFIRE PATTERN # 4



C. SHOTS = 1

# IN CIRCLE

S= 4.65  
 S= 4.64  
 S= 4.63

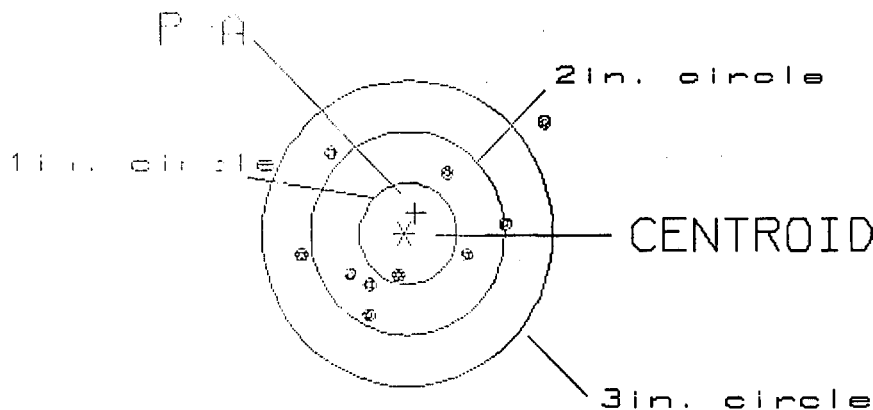
1  
 4  
 6

P. CENT # :  
 T. CENTRO : .224  
 M. RADIUS : .425  
 M. DIUS : .906  
 M. RADIUS : 1.752  
 C. TROD X : -.105  
 C. TROD Y : -.198

22.1.2000

FILE:/Hplasic/Accuracy/Patterning/Centerfire\_Patt/c6225510

# CENTERFIRE PATTERN # 5



OF SHOTS=

# IN CIRCLE

S= 2.54  
 S= 1.67  
 S= 2.64

1  
 7  
 9