

C6611661

MODEL 700<sup>TM</sup> M24

Model **SMS**<sup>TM</sup>

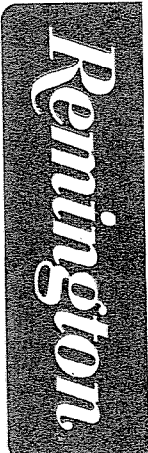
Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.



## Arms Services Repair &amp; Estimate System

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

## Repair Inquiry

Repair Number: RE00144829

Serial: C6611661 Model M24 SWS Center Fire  
Caliber: 7.62 NATO

Repairman:

Status:

Closed 4/24/2008 10:57:02 AM

Verify Repair

## Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: B/210TH BSB

B/210TH BSB

Address 1: 2 BCT

2 BCT

Address 2: 10 TH MTN DIV

PO Box:

10 TH MTN DIV

PO Box:

City: FORT DRUM

FORT DRUM

State: NY

Zip Code: 13602

Country: US

State: NY

Zip Code: 13602

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             | 1   |
| A008 | With Swivel           | 2   |
| A010 | Hard Case             | 1   |
| A026 | Scope                 | 1   |
| A057 | Fit and Rear Sgt Base | 1   |

naglelj

4/24/2008

12:25 PM

NUM



Serial Number: C6611661

Model: M24 SWS



RE00144829

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611661.\_\_\_0  
FILE DATE AND TIME: 05/20/2008 22:16

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.011 |
| The Average Y Centroid of the Five Target Set:              | 0.015  |
| The Average Point of Impact of the Five Target Set:         | 0.019  |
| The Average Mean Radius of the Five Target Set:             | 0.600  |
| The Distance from POA to Centroid Target #1:                | 0.116  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.298  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.048  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.163  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.146  |

SERIAL NUMBER: C6611661. 0

TARGET NUMBER: 1

FILE DATE: 05/20/2008

FILE TIME: 22:16

X CENTROID: -0.115

Y CENTROID: 0.016

POA TO CENTROID: 0.116

HORZ SPREAD: 1.675

VERT SPREAD: 1.942

GROUP SPREAD: 2.565

MIN RADIUS: 0.105

MAX RADIUS: 1.383

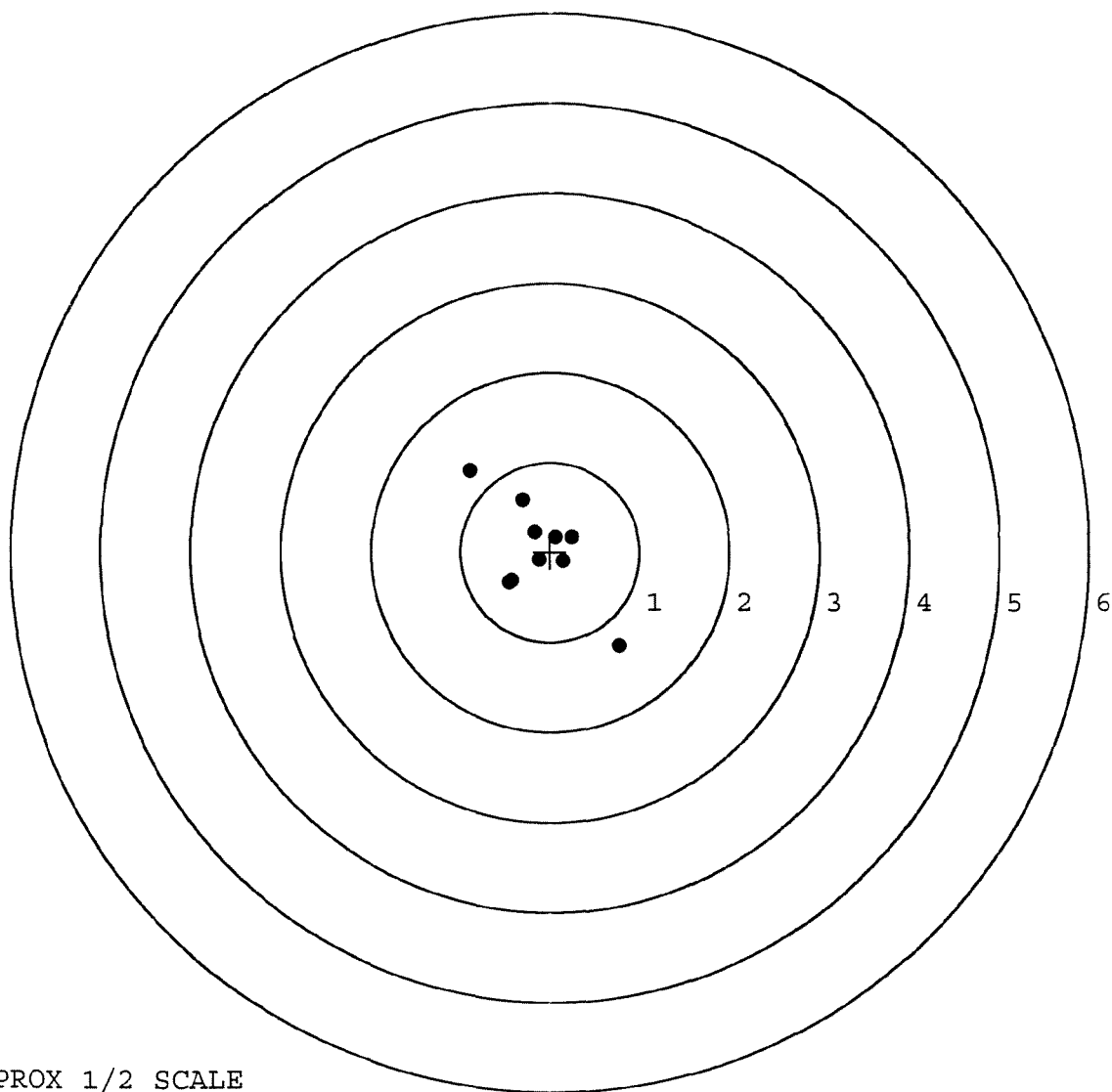
MEAN RADIUS: 0.536

# IN 1 IN DIAMETER: 7

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.899 | 0.900  |
| 2:     | -0.313 | 0.580  |
| 3:     | -0.168 | 0.225  |
| 4:     | 0.251  | 0.169  |
| 5:     | 0.148  | -0.102 |
| 6:     | -0.458 | -0.340 |
| 7:     | 0.776  | -1.042 |
| 8:     | -0.124 | -0.089 |
| 9:     | 0.065  | 0.171  |
| 10:    | -0.430 | -0.314 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611661. \_\_0

TARGET NUMBER: 2

FILE DATE: 05/20/2008

FILE TIME: 22:16

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.344  | 0.734  |
| 2:     | 0.606  | 0.113  |
| 3:     | 0.310  | 0.211  |
| 4:     | 0.592  | -0.205 |
| 5:     | 0.223  | -0.149 |
| 6:     | 0.070  | -0.370 |
| 7:     | -0.179 | -0.311 |
| 8:     | -0.673 | -0.704 |
| 9:     | -0.620 | 0.166  |
| 10:    | 0.898  | -0.536 |

X CENTROID: 0.157

Y CENTROID: -0.105

POA TO CENTROID: 0.189

HORZ SPREAD: 1.571

VERT SPREAD: 1.438

GROUP SPREAD: 1.761

MIN RADIUS: 0.079

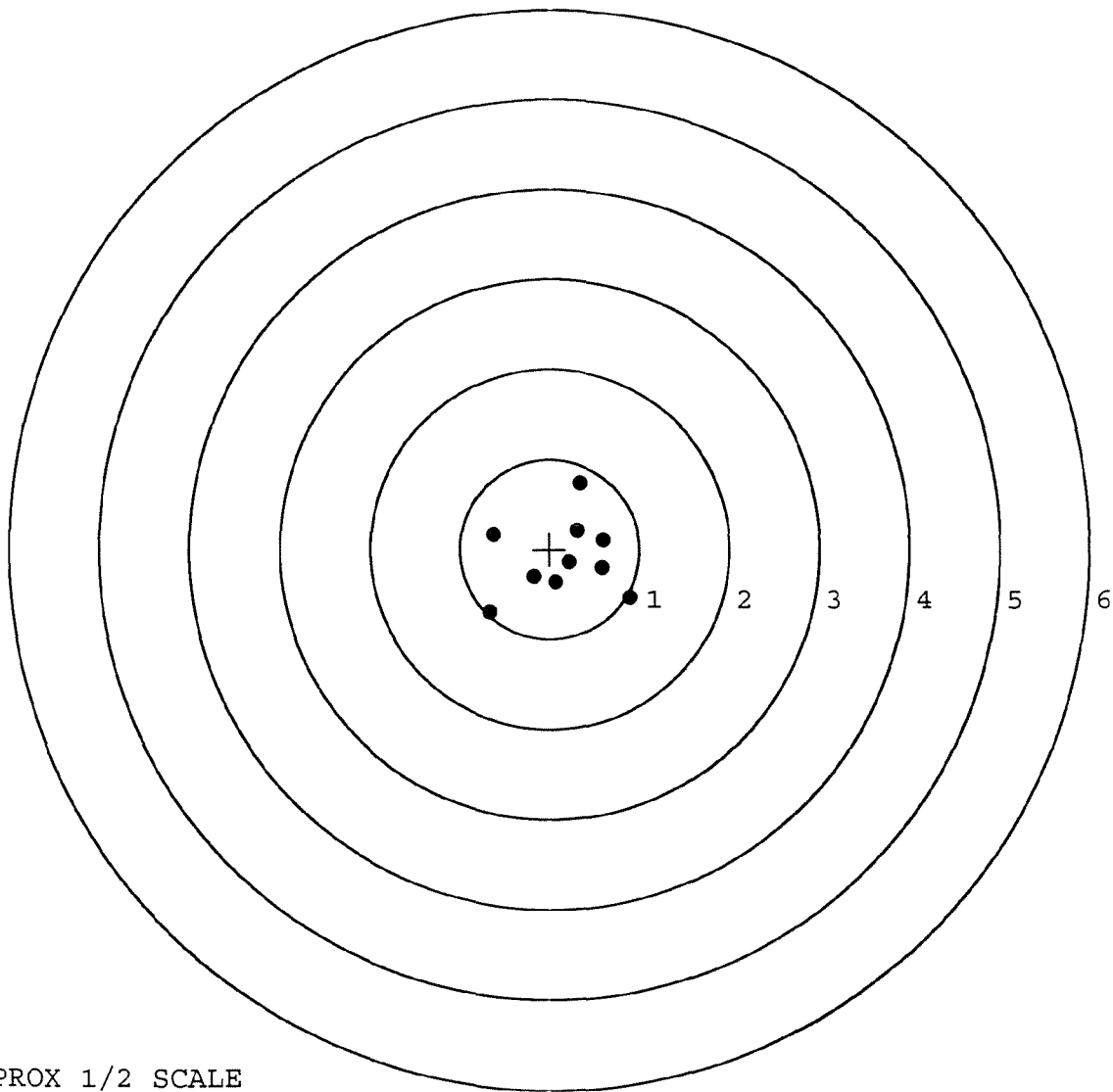
MAX RADIUS: 1.024

MEAN RADIUS: 0.561

# IN 1 IN DIAMETER: 6

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611661. 0

TARGET NUMBER: 3

FILE DATE: 05/20/2008

FILE TIME: 22:16

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.546 | 0.659  |
| 2:     | -0.815 | 0.688  |
| 3:     | -0.439 | 0.116  |
| 4:     | -0.355 | -0.227 |
| 5:     | 0.529  | 0.121  |
| 6:     | 0.157  | 0.151  |
| 7:     | 0.051  | -0.303 |
| 8:     | 0.382  | -0.355 |
| 9:     | 0.389  | -0.083 |
| 10:    | -0.411 | -1.084 |

X CENTROID: -0.106

Y CENTROID: -0.032

POA TO CENTROID: 0.110

HORZ SPREAD: 1.344

VERT SPREAD: 1.772

GROUP SPREAD: 1.817

MIN RADIUS: 0.313

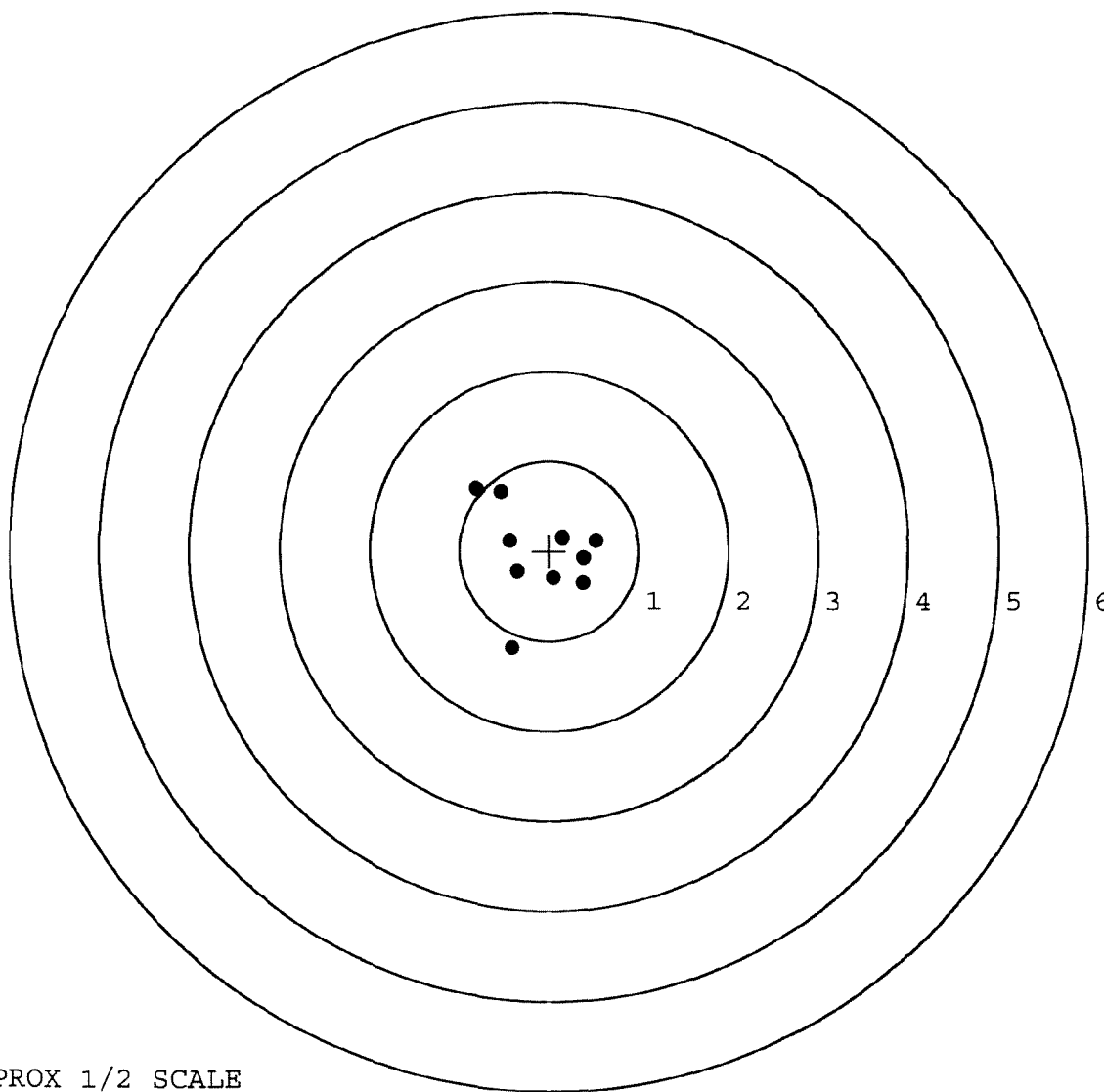
MAX RADIUS: 1.096

MEAN RADIUS: 0.598

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10

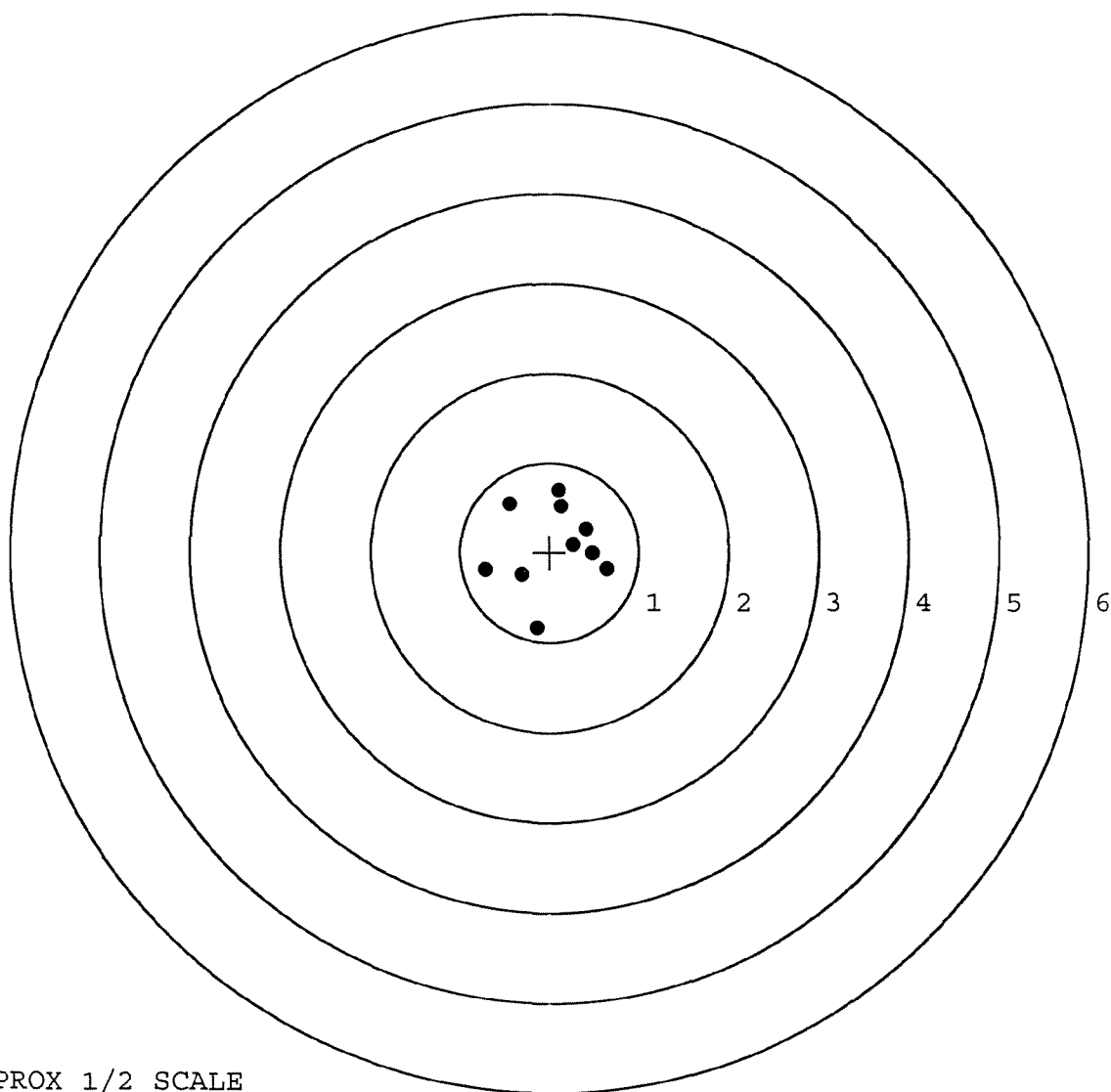


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611661. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 05/20/2008  
FILE TIME: 22:16

X CENTROID: 0.042  
Y CENTROID: 0.058  
POA TO CENTROID: 0.072  
HORZ SPREAD: 1.363  
VERT SPREAD: 1.539  
GROUP SPREAD: 1.558  
MIN RADIUS: 0.228  
MAX RADIUS: 0.919  
MEAN RADIUS: 0.574  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.452 | 0.535  |
| 2:     | 0.103  | 0.697  |
| 3:     | 0.412  | 0.260  |
| 4:     | 0.269  | 0.086  |
| 5:     | 0.484  | -0.019 |
| 6:     | 0.645  | -0.187 |
| 7:     | -0.308 | -0.258 |
| 8:     | -0.718 | -0.206 |
| 9:     | -0.140 | -0.842 |
| 10:    | 0.130  | 0.519  |

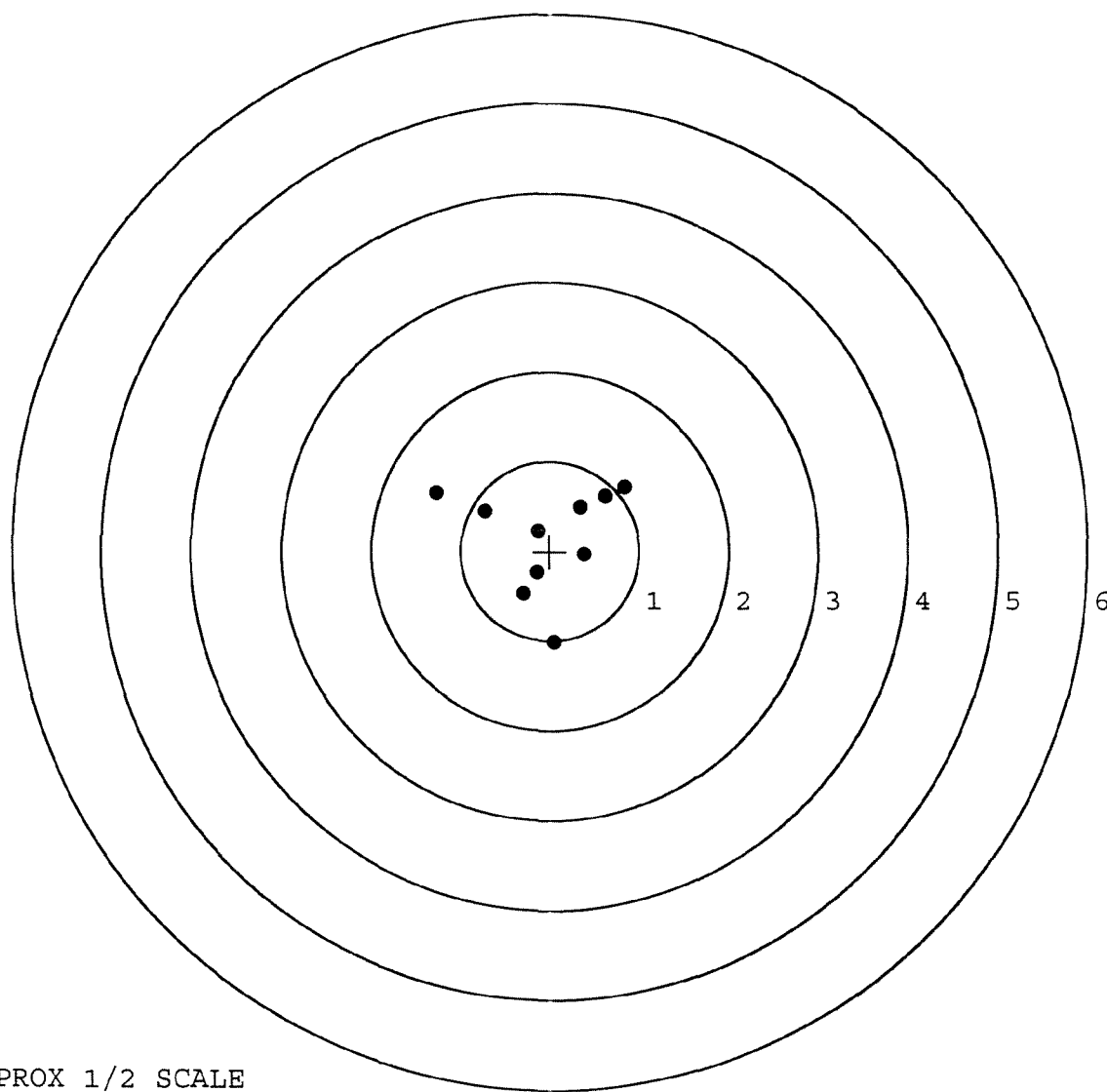


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611661. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 05/20/2008  
FILE TIME: 22:16

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.274 | 0.653  |
| 2:     | -0.729 | 0.442  |
| 3:     | 0.839  | 0.714  |
| 4:     | 0.625  | 0.617  |
| 5:     | 0.344  | 0.495  |
| 6:     | -0.136 | 0.230  |
| 7:     | 0.388  | -0.036 |
| 8:     | -0.143 | -0.243 |
| 9:     | -0.300 | -0.480 |
| 10:    | 0.048  | -1.021 |

X CENTROID: -0.034  
Y CENTROID: 0.137  
POA TO CENTROID: 0.141  
HORZ SPREAD: 2.113  
VERT SPREAD: 1.735  
GROUP SPREAD: 2.133  
MIN RADIUS: 0.138  
MAX RADIUS: 1.343  
MEAN RADIUS: 0.731  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE



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

|               |  |           |  |
|---------------|--|-----------|--|
| R & E NUMBER  |  | 144829    |  |
| SERIAL NUMBER |  | C66611661 |  |
| LOG-IN DATE   |  | 4-24-08   |  |

| OPERATION # | OPERATION NAME       | DATE                                                                                                                                             | INITIAL                              |
|-------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| 500         | DIS-ASSEMBLE GUN     | 5-2-08                                                                                                                                           | RTZ                                  |
| 505         | RE-BARREL            | 5-6-08                                                                                                                                           | RTZ                                  |
| 560         | ASSEMBLE             | 5-6-08                                                                                                                                           | RTZ                                  |
| 600         | PROOF                | 5-7-08                                                                                                                                           | TRW                                  |
| 605         | CHECK HEADSPACE      | 5-7-08                                                                                                                                           | TRW                                  |
| 610         | DIS-ASSEMBLE GUN     | 5-7-08                                                                                                                                           | RTZ                                  |
| 612         | MAGNAFLUX            | 5/9/08                                                                                                                                           | unus                                 |
| 510         | DRILL AND TAP        | 5-7-08                                                                                                                                           | TRW                                  |
| 615         | ROLLMARK CALIBER     | 5-7-08                                                                                                                                           | CW                                   |
| 618         | ROTO-BLAST           | 5-9-08                                                                                                                                           | DG                                   |
| 620         | APPLY COATINGS       | 5/19/08                                                                                                                                          | LM                                   |
| 625         | FINAL ASSEMBLY       | 5-20-08                                                                                                                                          | RTZ                                  |
| 640         | FUNCTION TEST AND    | (PASS) FAIL                                                                                                                                      | 5-20-08 SD                           |
| 650         | TARGET               | (PASS) FAIL                                                                                                                                      | 5-20-08 SD                           |
|             | MALFUNCTION          | CORRECTION                                                                                                                                       |                                      |
|             | MALFUNCTION          | CORRECTION                                                                                                                                       | MA                                   |
|             | MALFUNCTION          | CORRECTION                                                                                                                                       |                                      |
|             | MALFUNCTION          | CORRECTION                                                                                                                                       | 5-20-08 RP                           |
| 670         | FINAL INSPECTION     |                                                                                                                                                  | 5/22/08 FM                           |
|             | A) HEADSPACE         | (PASS) FAIL                                                                                                                                      | 5/22/08 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> | 2.33 2.40 2.37 2.31 2.34 5-22-08 TRW |
| 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- 5-5 5.5 5/22/08 FM                |
|             | G) SAFETY OFF FORCE  | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           2 LBS<br/>MIN         </div>                               | 2.0 2.5 2.5 5/22/08 FM               |
|             | I) FIRING PIN INDENT | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           .020         </div>                                        | .023 .023 .022 5/22/08 FM            |
| 690         | PACK                 |                                                                                                                                                  | 5/29/08 FM                           |

SI 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: **RE00092930** Serial: C6611661 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 06/13/1991 Repairman: Status: Closed 2/10/2005 1:13:56 PM

Verify Repair: [REDACTED]

**Address Information**

Customer: ☐ Received From: ☒ Return To: ☐ Received From: ☐

Name: **DEF DIST DEPOT ANNISTON** **DEF DIST DEPOT ANNISTON**

Address 1:

Address 2:  PO Box:

City: **ANNISTON** **ANNISTON**

State: **AL** Zip Code: **362014199** Country: **US** State: **AL** Zip Code: **362014199** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone:  Fax:  Email:  Comments:

Received Condition: Good Condition Notes:  CSR Notes:

Accessories Received:

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

Repair Search Refresh Close

mag(et) 2/4/2005 9:15 AM CAPS NUM INE BSPL

start 5 2 3

Serial Number: **C6611661**

Model: **M24 SWS**



**RE00092930**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611661.\_\_0  
FILE DATE AND TIME: 04/25/2005 08:11

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

ERROR - NOT POSSIBLE TO REPORT SWS STATS ON DATA  
WHERE TOTAL TARGETS ARE NOT EQUAL TO FIVE

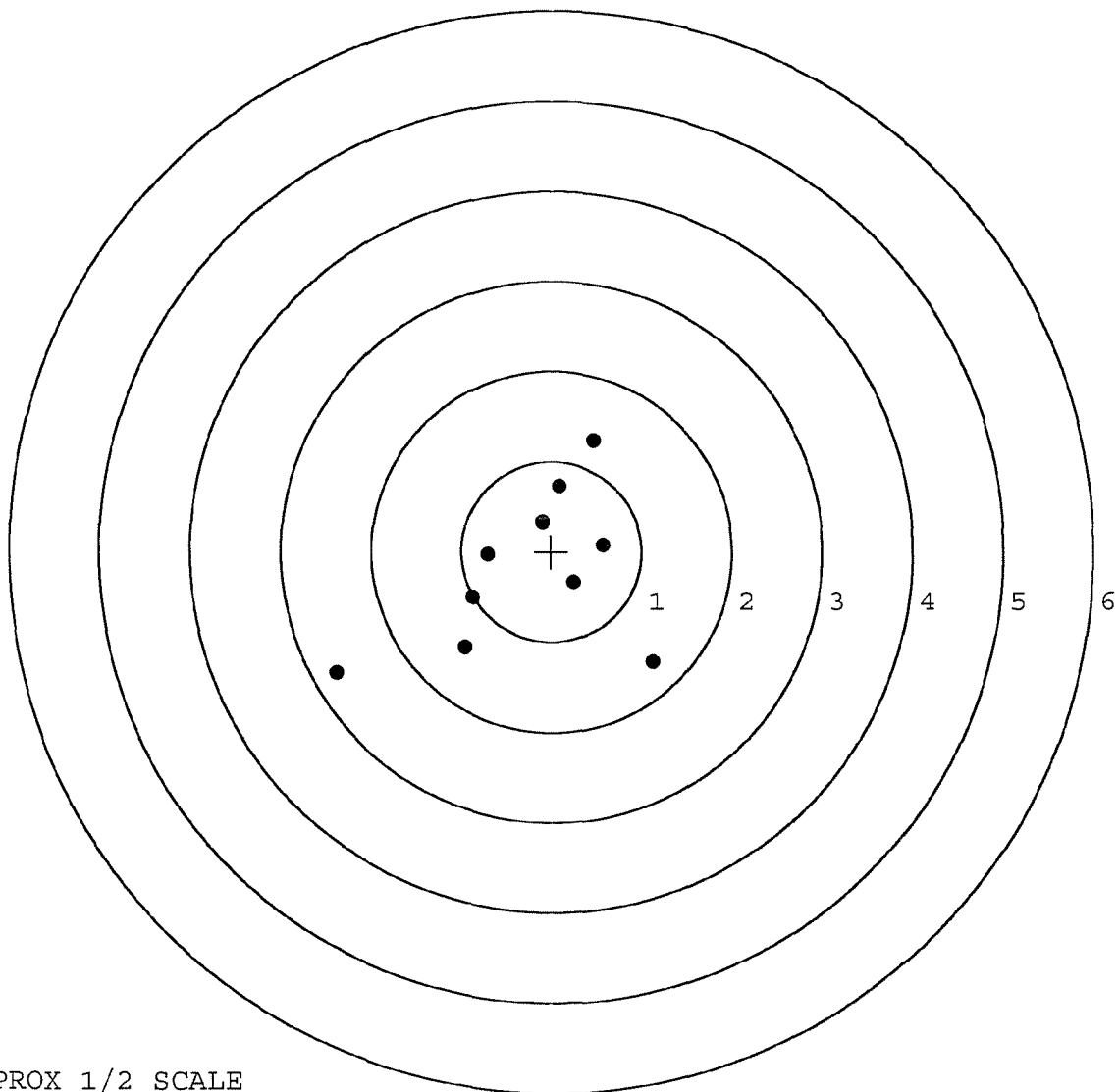
*AVE. MEAN 8706*

SERIAL NUMBER: C6611661. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 04/25/2005  
FILE TIME: 08:11

X CENTROID: -0.250  
Y CENTROID: -0.219  
POA TO CENTROID: 0.333  
HORZ SPREAD: 3.517  
VERT SPREAD: 2.593  
GROUP SPREAD: 3.859  
MIN RADIUS: 0.490  
MAX RADIUS: 2.420  
MEAN RADIUS: 1.101

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.252  | -0.349 |
| 2:     | 0.579  | 0.074  |
| 3:     | 0.473  | 1.234  |
| 4:     | 0.088  | 0.725  |
| 5:     | -0.101 | 0.327  |
| 6:     | -0.705 | -0.038 |
| 7:     | -0.876 | -0.515 |
| 8:     | -0.959 | -1.069 |
| 9:     | -2.385 | -1.359 |
| 10:    | 1.132  | -1.221 |

# IN 1 IN DIAMETER: 1  
# IN 2 IN DIAMETER: 5  
# in 3 IN DIAMETER: 7

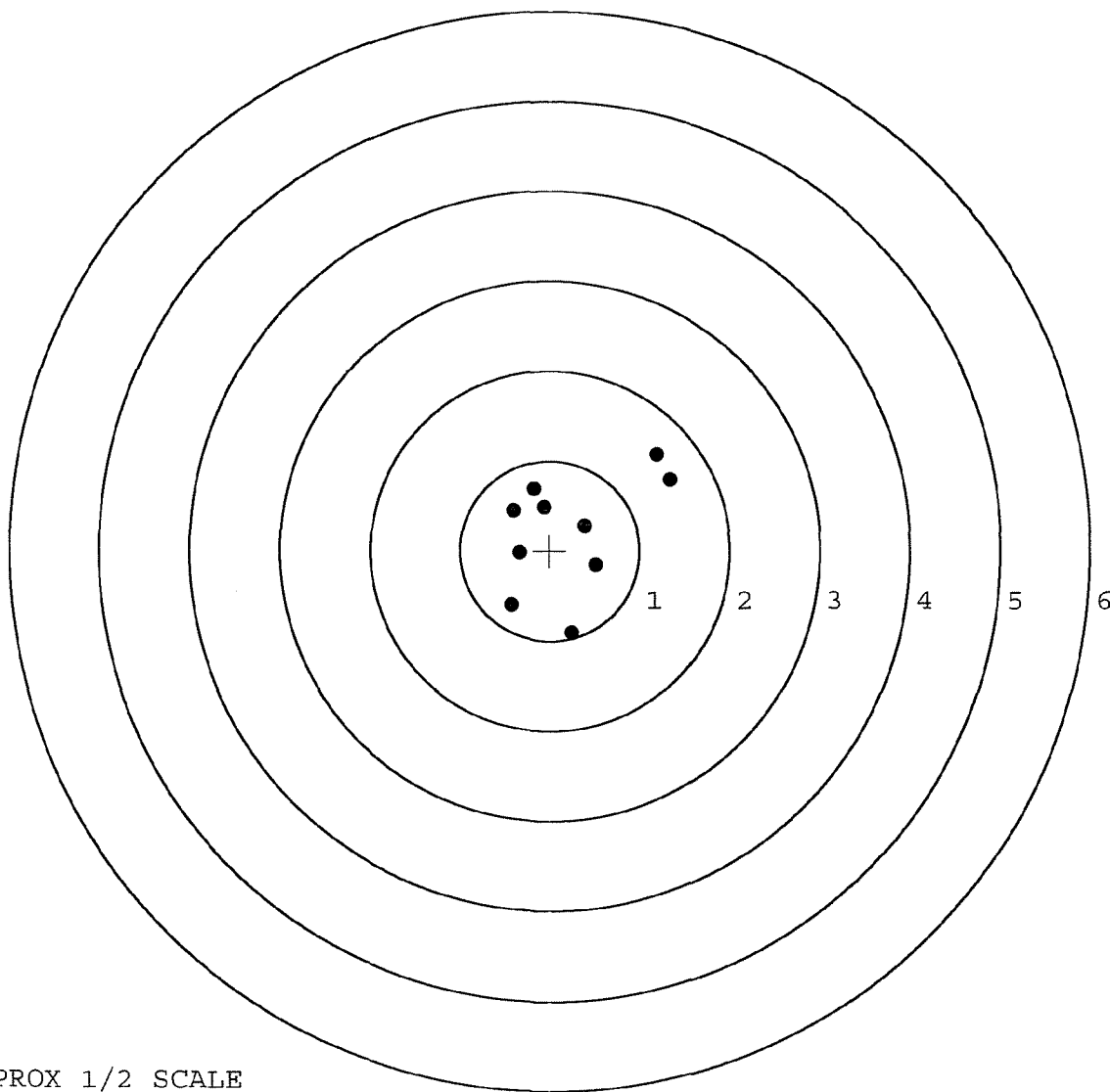


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611661. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 04/25/2005  
FILE TIME: 08:11

X CENTROID: 0.225  
Y CENTROID: 0.204  
POA TO CENTROID: 0.303  
HORZ SPREAD: 1.769  
VERT SPREAD: 1.986  
GROUP SPREAD: 2.336  
MIN RADIUS: 0.181  
MAX RADIUS: 1.296  
MEAN RADIUS: 0.770  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 6  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.336  | 0.790  |
| 2:     | 1.188  | 1.071  |
| 3:     | 0.249  | -0.915 |
| 4:     | 0.519  | -0.162 |
| 5:     | 0.391  | 0.276  |
| 6:     | -0.433 | -0.611 |
| 7:     | -0.340 | -0.028 |
| 8:     | -0.071 | 0.483  |
| 9:     | -0.182 | 0.690  |
| 10:    | -0.409 | 0.443  |

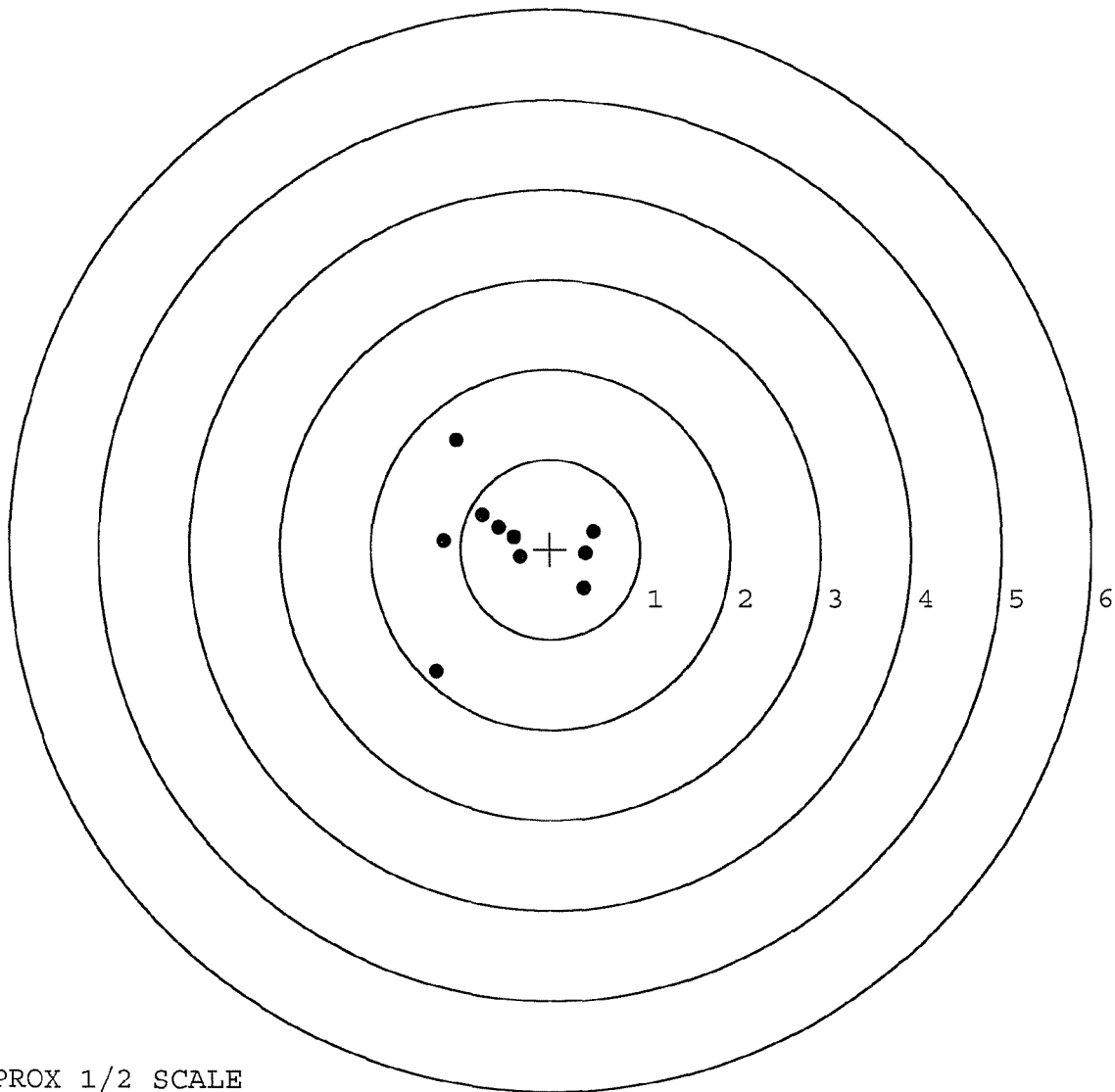


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611661. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 04/25/2005  
FILE TIME: 08:11

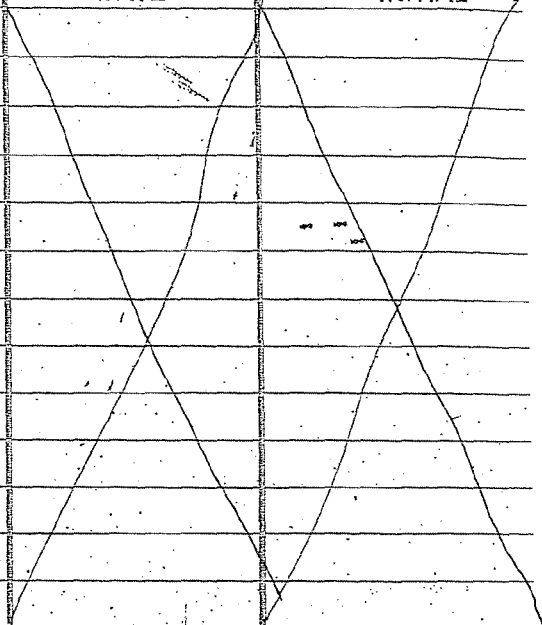
X CENTROID: -0.433  
Y CENTROID: 0.035  
POA TO CENTROID: 0.434  
HORZ SPREAD: 1.752  
VERT SPREAD: 2.574  
GROUP SPREAD: 2.583  
MIN RADIUS: 0.107  
MAX RADIUS: 1.630  
MEAN RADIUS: 0.741  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.047 | 1.210  |
| 2:     | -1.191 | 0.093  |
| 3:     | -1.268 | -1.364 |
| 4:     | -0.760 | 0.386  |
| 5:     | -0.574 | 0.244  |
| 6:     | -0.404 | 0.138  |
| 7:     | -0.339 | -0.093 |
| 8:     | 0.484  | 0.206  |
| 9:     | 0.394  | -0.041 |
| 10:    | 0.379  | -0.427 |



TARGET APPROX 1/2 SCALE

**M-24 INSPECTION CHECKLIST**  
**CONTRACT #: DAAE-20-02-D-0127**

|                            |                    |                                                                                      |         |         |    |
|----------------------------|--------------------|--------------------------------------------------------------------------------------|---------|---------|----|
| R & E NUMBER               | 92930              |                                                                                      |         |         |    |
| SERIAL NUMBER              | C6611661           |                                                                                      |         |         |    |
| LOG-IN DATE                | 2-10-05            |                                                                                      |         |         |    |
| <b>INSPECT AND VERIFY:</b> |                    |                                                                                      |         |         |    |
| OPERATION #                | OPERATION NAME     | DATE                                                                                 | INITIAL |         |    |
| 550                        | DIS-ASSEMBLE GUN   |  |         |         |    |
| 560 A                      | RE-BARREL          |                                                                                      |         |         |    |
| B                          | DRILL AND TAP      |                                                                                      |         |         |    |
| 575                        | ASSEMBLE           |                                                                                      |         |         |    |
| 600                        | PROOF              |                                                                                      |         |         |    |
| 605                        | CHECK HEADSPACE    |                                                                                      |         |         |    |
| 610                        | DIS-ASSEMBLE GUN   |                                                                                      |         |         |    |
| 612                        | MAGNAFLUX          |                                                                                      |         |         |    |
| 615                        | ROLLMARK CALIBER   |                                                                                      |         |         |    |
| 618                        | ROTO-BLAST         |                                                                                      |         |         |    |
| 620                        | APPLY COATINGS     |                                                                                      |         |         |    |
| 625 A                      | FINAL ASSEMBLY     |                                                                                      |         |         |    |
| B                          | TRIGGER PULL TEST  |                                                                                      |         |         |    |
| C                          | SAFETY "ON" FORCE  |                                                                                      |         | 4-27-05 | AC |
| D                          | SAFETY "OFF" FORCE |                                                                                      |         | 4-27-05 | AC |
| E                          | FIRING PIN INDENT  | 4-27-05                                                                              | AC      |         |    |
| 640                        | TARGET Test P.O.A. | 4-25-05                                                                              | TRW     |         |    |
| 655                        | FINAL INSPECT      | 4-27-05                                                                              | AC      |         |    |
| 660                        | PACK               | 4-27-05                                                                              | AC      |         |    |
|                            |                    | SHIP DATE                                                                            |         |         |    |
|                            |                    | QAR INSPECTION DATE                                                                  |         |         |    |

**Remington®**

REG. U.S. PAT. & TM. OFF.

**MODEL 700™ H24**

**UPPONT**

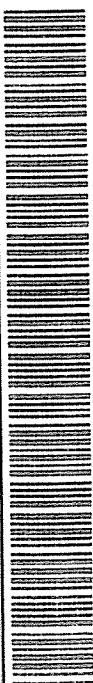
VERY IMPORTANT:  
Instruction Book  
enclosed to assure  
safe use of this  
firearm.

**SERIAL NO.**  
C6611661

**ORDER NO.**  
5716

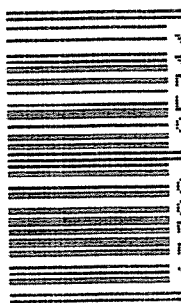
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

20



5716 C6611661

UPC



0 47700 25716 2



CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611661

| OP. #        | OP. NAME                                                       | READINGS | DATE       | INIT |
|--------------|----------------------------------------------------------------|----------|------------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 3 25 91  |            | RW   |
| 600          | Proof                                                          | 3 25 91  |            | RW   |
| 607          | Check Headspace                                                | 3 25 91  |            | RW   |
| 610          | Dis-assemble Gun                                               | 3 25 91  |            | RW   |
| 612          | Magnaflux Barrel<br>Action                                     | 3 28 91  |            | KR   |
|              | Magnaflux Bolt                                                 | 3 28 91  |            | LC   |
| 615          | Rollmark Caliber                                               | 3 28 91  |            | JS   |
| 617          | Drill and Tap Sight Holes                                      |          | APR 3 1991 | FB   |
| 618          | Polish Barrel                                                  |          | APR 3 1991 | FB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 4-11-91    | DH   |
|              | Apply Coating (Bolt)                                           |          |            |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 4/16/91    | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 4/16/91    | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 4/16/91    | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 4/16/91    | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 5-9-91     | DH   |

| op. #        | OP. NAME                                                    | READINGS |      |      |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                          | 6        | 7    | 7    |      |      | 5-10-91 | AC   |
|              | G) Safety Off Force                                         | 3        | 3    | 3    |      |      | 5-10-91 | AC   |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |      |      | 5-9-91  | DH   |
|              | I) Firing Pin Indent                                        | .021     | .022 | .021 |      |      | 5-10-91 | AC   |
|              | J) Assemble Stock                                           |          |      |      |      |      | 5/13/91 | RW   |
|              | K) Assemble Swivel Studs                                    |          |      |      |      |      | 5-20-91 | DH   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |      |      |      | 5/13/91 | RW   |
|              | M) Iron Sight Alignment                                     |          |      |      |      |      | 5/13/91 | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |      |      |      | 5/13/91 | RW   |
|              | O) Attach Scope to Rifle                                    |          |      |      |      |      | 5/13/91 | RW   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |      |      |      | 5/13/91 | RW   |
| 640          | Gallery Target & Test                                       |          |      |      |      |      | 5-14-91 | AC   |
|              | A) Time                                                     |          |      |      |      |      | 5-14-91 | AC   |
|              | B) Malfunctions                                             |          |      |      |      |      | 5-14-91 | AC   |
|              | C) Pierced Primers                                          |          |      |      |      |      | 5-14-91 | AC   |
|              | D) Optical Clarity of Scope                                 |          |      |      |      |      | 5-14-91 | AC   |
| 645          | Inspect for Live Ammo                                       |          |      |      |      |      | 5-14-91 | AC   |
| 655          | Final Inspection                                            |          |      |      |      |      |         |      |
|              | A) Headspace                                                |          |      |      |      |      | 5-20-91 | DH   |
|              | B) Trigger Pull                                             | 2.69     | 2.67 | 2.55 | 2.54 | 2.54 | 5/20/91 | RP   |
|              | C) Function                                                 |          |      |      |      |      | 5-20-91 | DH   |
| 660          | Pack                                                        |          |      |      |      |      | 6-18-91 | N    |

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS  
2.50# ± .50#  
3.00# ± .75#  
4.00# ± 1.00#

SERIAL NO. CCG11661

DATE 5-9-91

TESTER D/H

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.44             | 2.35                     | 2.58                           | 2.69 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.38             | 2.28                     | 2.55                           | 2.67 |                                                                        |
| PULL #3 | 2.42             | 2.34                     | 2.55                           | 2.55 |                                                                        |
| PULL #4 | 2.44             | 2.31                     | 2.53                           | 2.54 |                                                                        |
| PULL #5 | 2.49             | 2.27                     | 2.53                           | 2.54 |                                                                        |
| TOTAL   |                  |                          |                                |      |                                                                        |
| AVG.    |                  |                          |                                |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.05             | 3.11                     |  |          |
| PULL #2 | 2.99             | 3.08                     |  |          |
| PULL #3 | 2.99             | 3.07                     |  |          |
| PULL #4 | 2.97             | 3.09                     |  |          |
| PULL #5 | 2.97             | 3.08                     |  |          |
| TOTAL   |                  |                          |  |          |
| AVG.    |                  |                          |  |          |

|         | 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 | 4.34             | 4.40                     |                                | 4.09                                 |
| PULL #2 | 4.27             | 4.30                     |                                | 4.04                                 |
| PULL #3 | 4.12             | 4.17                     |                                | 4.01                                 |
| PULL #4 | 4.28             | 4.30                     |                                | 4.05                                 |
| PULL #5 | 4.23             | 4.12                     |                                | 3.85                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6611661  
14 May 1991

CENTROIDAL DISTANCES

|        |         |
|--------|---------|
| 0 TO 1 | .335932 |
| 1 TO 2 | .306493 |
| 1 TO 3 | .529412 |
| 1 TO 4 | .330606 |
| 1 TO 5 | .468207 |

$\frac{3}{9} \cdot 1$  <----POR

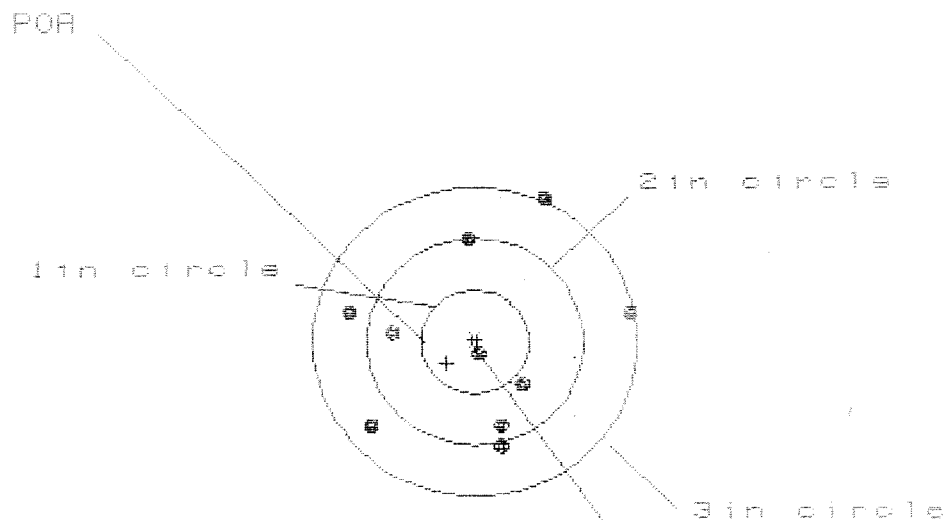
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.01  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0874  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0879702

THE AMR FOR THIS RIFLE IS: .897

14 May 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6B11651

# CENTERFIRE PATTERNS # 1



# OF SHOTS = 10

# IN CIR

1in = 1

2in = 4

3in = 9

HS = 2.632

VS = 2.472

GS = 2.768

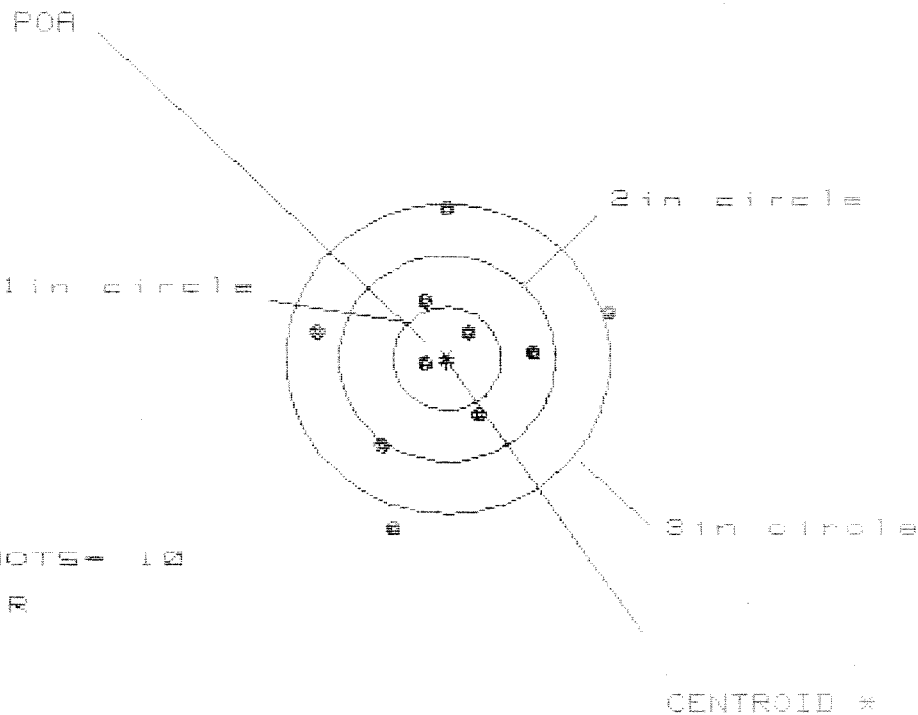
CENTROID #

| PATTERN #                     | 1      | 2      | 3     |
|-------------------------------|--------|--------|-------|
| SHOTS (BEST OF)               | 10     | 9      | 8     |
| MAXIMUM X                     | 1.462  | 1.536  | .663  |
| MINIMUM X                     | -1.170 | -1.096 | -.903 |
| MAXIMUM Y                     | 1.427  | 1.189  | 1.250 |
| MINIMUM Y                     | -1.045 | -.887  | -.826 |
| CENTROID X                    | .263   | .189   | -.004 |
| CENTROID Y                    | .209   | .051   | -.010 |
| POA TO CENTROID in.           | .336   | .195   | .011  |
| MIN RADIUS                    | .131   | .094   | .295  |
| MEAN RADIUS                   | 1.005  | .912   | .828  |
| MAX RADIUS                    | 1.575  | 1.612  | 1.275 |
| HORIZONTAL SPREAD             | 2.632  | 2.632  | 1.566 |
| VERTICAL SPREAD               | 2.472  | 2.076  | 2.076 |
| EXTREME SPREAD                | 2.768  | 2.704  | 2.086 |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |       |
| NUMBER IN TWO INCH CIRCLE =   | 4      |        |       |
| NUMBER IN THREE INCH CIRCLE = | 9      |        |       |

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# CENTERFIRE PATTERNS # 2



# OF SHOTS = 10

# IN CIR

1in = 2

2in = 5

3in = 7

HS = 2.702

VS = 3.169

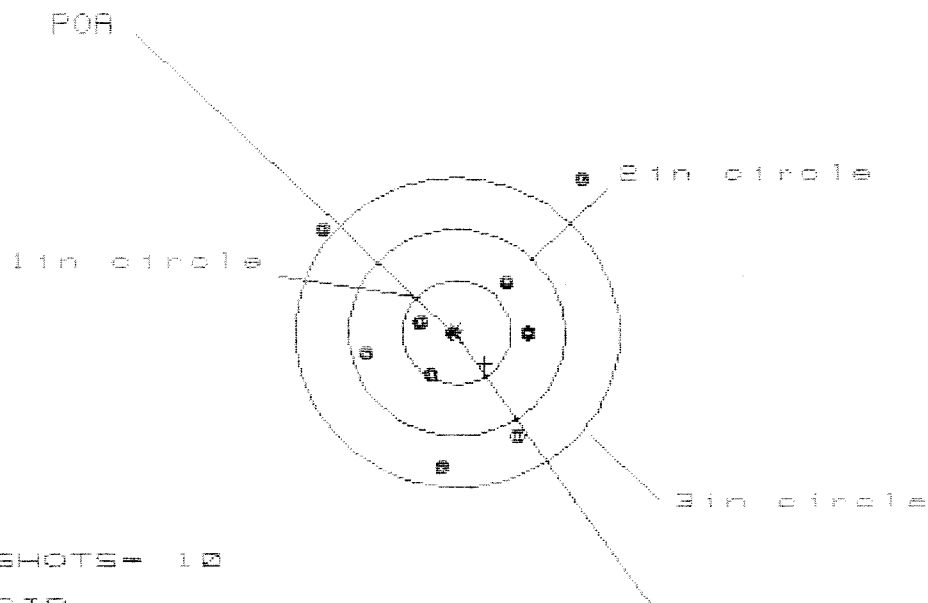
GS = 3.213

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 2      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.457  | 1.398  | .907   |
| MINIMUM X                   | : | -1.245 | -1.304 | -1.129 |
| MAXIMUM Y                   | : | 1.503  | 1.318  | 1.355  |
| MINIMUM Y                   | : | -1.666 | -.986  | -.949  |
| CENTROID X                  | : | .006   | .065   | -.110  |
| CENTROID Y                  | : | .042   | .227   | .190   |
| POA TO CENTROID in.         | : | .042   | .236   | .219   |
| MIN RADIUS                  | : | .248   | .210   | .253   |
| MEAN RADIUS                 | : | .967   | .865   | .791   |
| MAX RADIUS                  | : | 1.747  | 1.430  | 1.360  |
| HORIZONTAL SPREAD           | : | 2.702  | 2.702  | 2.036  |
| VERTICAL SPREAD             | : | 3.169  | 2.304  | 2.304  |
| EXTREME SPREAD              | : | 3.213  | 2.715  | 2.389  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 7      |        |

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FILE:/PATTERNING/CENTERFIRE\_PATT/C66116B1

# CENTERFIRE PATTERNS # 3



# OF SHOTS= 10

# IN CIR

1in = 3

2in = 6

3in = 8

HS= 2.347

VS= 2.802

GS= 3.088

CENTROID #

| PATTERN #                     | 3      | 3      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.145  | .770   | .636   |
| MINIMUM X                     | -1.202 | -1.075 | -.898  |
| MAXIMUM Y                     | 1.461  | 1.121  | .829   |
| MINIMUM Y                     | -1.341 | -1.179 | -1.039 |
| CENTROID X                    | -.258  | -.385  | -.251  |
| CENTROID Y                    | .303   | .141   | .001   |
| POA TO CENTROID in.           | .398   | .410   | .251   |
| MIN RADIUS                    | .042   | .171   | .261   |
| MEAN RADIUS                   | .902   | .783   | .693   |
| MAX RADIUS                    | 1.856  | 1.553  | 1.051  |
| HORIZONTAL SPREAD             | 2.347  | 1.845  | 1.534  |
| VERTICAL SPREAD               | 2.802  | 2.300  | 1.868  |
| EXTREME SPREAD                | 3.088  | 2.660  | 1.962  |
| NUMBER IN ONE INCH CIRCLE =   | 3      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 6      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 8      |        |        |

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# CENTERFIRE PATTERNS

# 4

POA

1in circle

2in circle

3in circle

CENTROID \*

# OF SHOTS= 10

# IN CIR

1in = 0

2in = 6

3in = 10

HS= 1.894

VS= 2.365

GS= 2.862

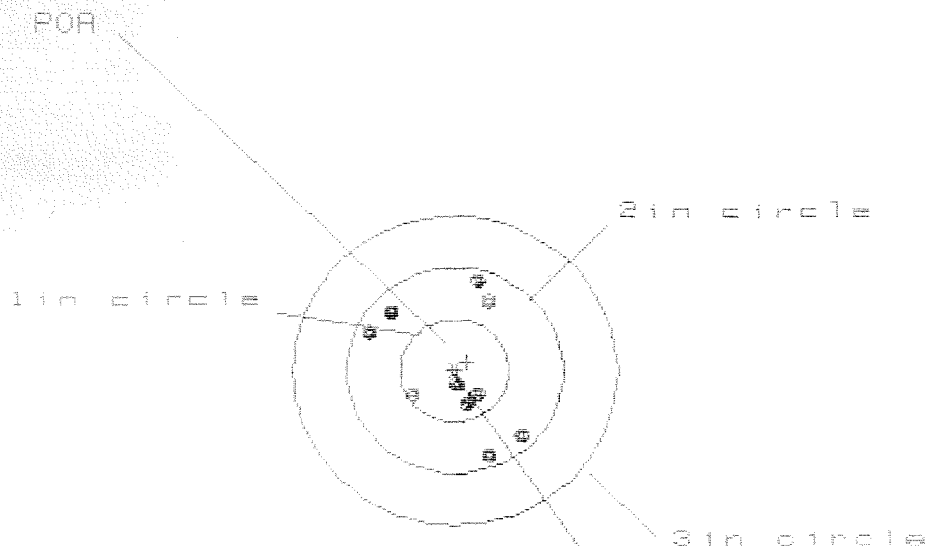
|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 4      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | .888   | .784   | .706   |
| MINIMUM X                   | : | -1.006 | -.908  | -.986  |
| MAXIMUM Y                   | : | 1.203  | 1.093  | .965   |
| MINIMUM Y                   | : | -1.162 | -1.028 | -1.117 |
| CENTROID X                  | : | .049   | -.049  | .029   |
| CENTROID Y                  | : | -.043  | -.177  | -.049  |
| POA TO CENTROID in.         | : | .066   | .184   | .057   |
| MIN RADIUS                  | : | .515   | .595   | .533   |
| MEAN RADIUS                 | : | .978   | .922   | .867   |
| MAX RADIUS                  | : | 1.495  | 1.203  | 1.216  |
| HORIZONTAL SPREAD           | : | 1.894  | 1.692  | 1.692  |
| VERTICAL SPREAD             | : | 2.365  | 2.121  | 2.082  |
| EXTREME SPREAD              | : | 2.862  | 2.248  | 2.138  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 0      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |        |



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# CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1 in = 4

2 in = 10

3 in = 10

HS= 1.392

VS= 1.723

GS= 1.728

CENTROID \*

|                             |   |       |       |       |
|-----------------------------|---|-------|-------|-------|
| PATTERN #                   | : | 5     |       |       |
| SHOTS (BEST OF)             | : | 10    | 9     | 8     |
| MAXIMUM X                   | : | .627  | .655  | .448  |
| MINIMUM X                   | : | -.765 | -.737 | -.655 |
| MAXIMUM Y                   | : | .916  | .755  | .685  |
| MINIMUM Y                   | : | -.807 | -.705 | -.775 |
| CENTROID X                  | : | -.110 | -.138 | -.220 |
| CENTROID Y                  | : | -.074 | -.176 | -.106 |
| POR TO CENTROID in.         | : | .133  | .224  | .244  |
| MIN RADIUS                  | : | .127  | .025  | .130  |
| MEAN RADIUS                 | : | .633  | .568  | .548  |
| MAX RADIUS                  | : | .951  | .868  | .896  |
| HORIZONTAL SPREAD           | : | 1.392 | 1.392 | 1.103 |
| VERTICAL SPREAD             | : | 1.723 | 1.460 | 1.460 |
| EXTREME SPREAD              | : | 1.728 | 1.728 | 1.604 |
| NUMBER IN ONE INCH CIRCLE   | = |       | 4     |       |
| NUMBER IN TWO INCH CIRCLE   | = |       | 10    |       |
| NUMBER IN THREE INCH CIRCLE | = |       | 10    |       |