

C6348992

MODEL 700<sup>TM</sup> M24

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

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.

*Remington*

Steel<sup>®</sup>  
III

## Repair Inquiry

Repair Number: RE00126706

Serial: C6348992 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

New 3/14/2007 2:41:08 PM

## Address Information

Customer:

Received From

Return To:

Received From

Name: TRANSPORTATION OFFICE

TRANSPORTATION OFFICE

Address 1: BLDG 330

BLDG 330

Address 2: 4885 CHILES AVE

PO Box:

4885 CHILES AVE

PO Box:

City: FORT CARSON

FORT CARSON

State: CO

Zip Code: 80913

Country: US

State: CO

Zip Code: 80913

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   |
| A017 | Scope Base            | 1   |
| A026 | Scope                 | 1   |
| A045 | Bi Pod                | 1   |
| A057 | Fit and Rear Sgt Base | 2   |

Repair Search

Refresh

Close

naglej

3/14/2007

3:06 PM

CAPS

NUM

INS

SCRL

start

6 Micros...

Arms Ser...

Part Sear...

2 Micros...

6 Intern...

3:06 PM

Serial Number: C6348992

Model: M24 SWS



RE00126706

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348992.\_\_\_0  
FILE DATE AND TIME: 04/12/2007 23:51

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

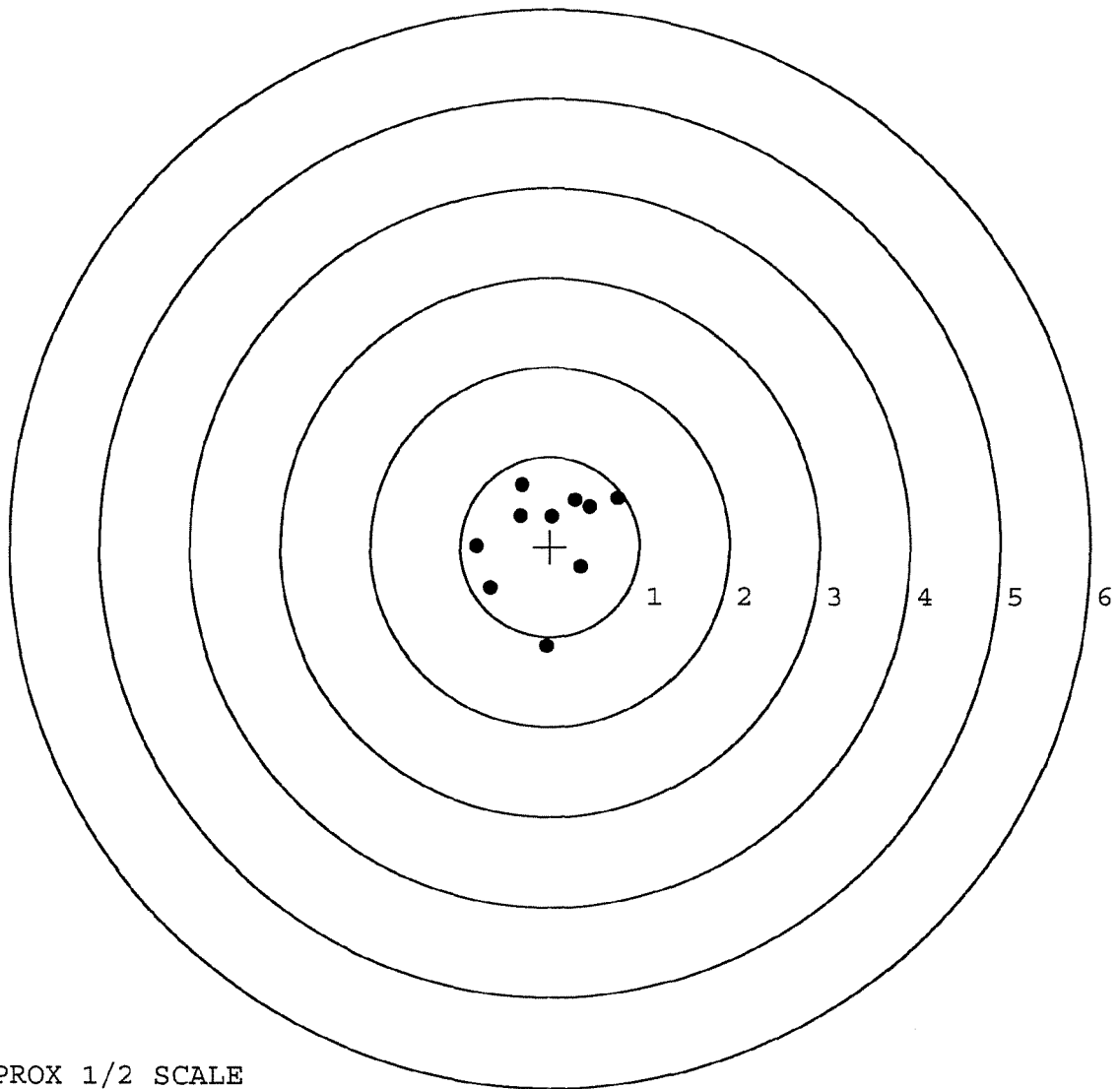
|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.173  |
| The Average Y Centroid of the Five Target Set:              | -0.104 |
| The Average Point of Impact of the Five Target Set:         | 0.202  |
| The Average Mean Radius of the Five Target Set:             | 0.629  |
| The Distance from POA to Centroid Target #1:                | 0.114  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.312  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.253  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.821  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.180  |

**BARBER - M24 0043418**

SERIAL NUMBER: C6348992. \_\_0  
 TARGET NUMBER: 1  
 FILE DATE: 04/12/2007  
 FILE TIME: 23:51

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.310 | 0.690  |
| 2:     | -0.332 | 0.341  |
| 3:     | 0.026  | 0.335  |
| 4:     | 0.286  | 0.521  |
| 5:     | 0.443  | 0.450  |
| 6:     | 0.762  | 0.540  |
| 7:     | 0.350  | -0.223 |
| 8:     | -0.823 | 0.011  |
| 9:     | -0.664 | -0.458 |
| 10:    | -0.038 | -1.111 |

X CENTROID: -0.030  
 Y CENTROID: 0.110  
 POA TO CENTROID: 0.114  
 HORZ SPREAD: 1.585  
 VERT SPREAD: 1.801  
 GROUP SPREAD: 1.835  
 MIN RADIUS: 0.232  
 MAX RADIUS: 1.221  
 MEAN RADIUS: 0.664  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 10



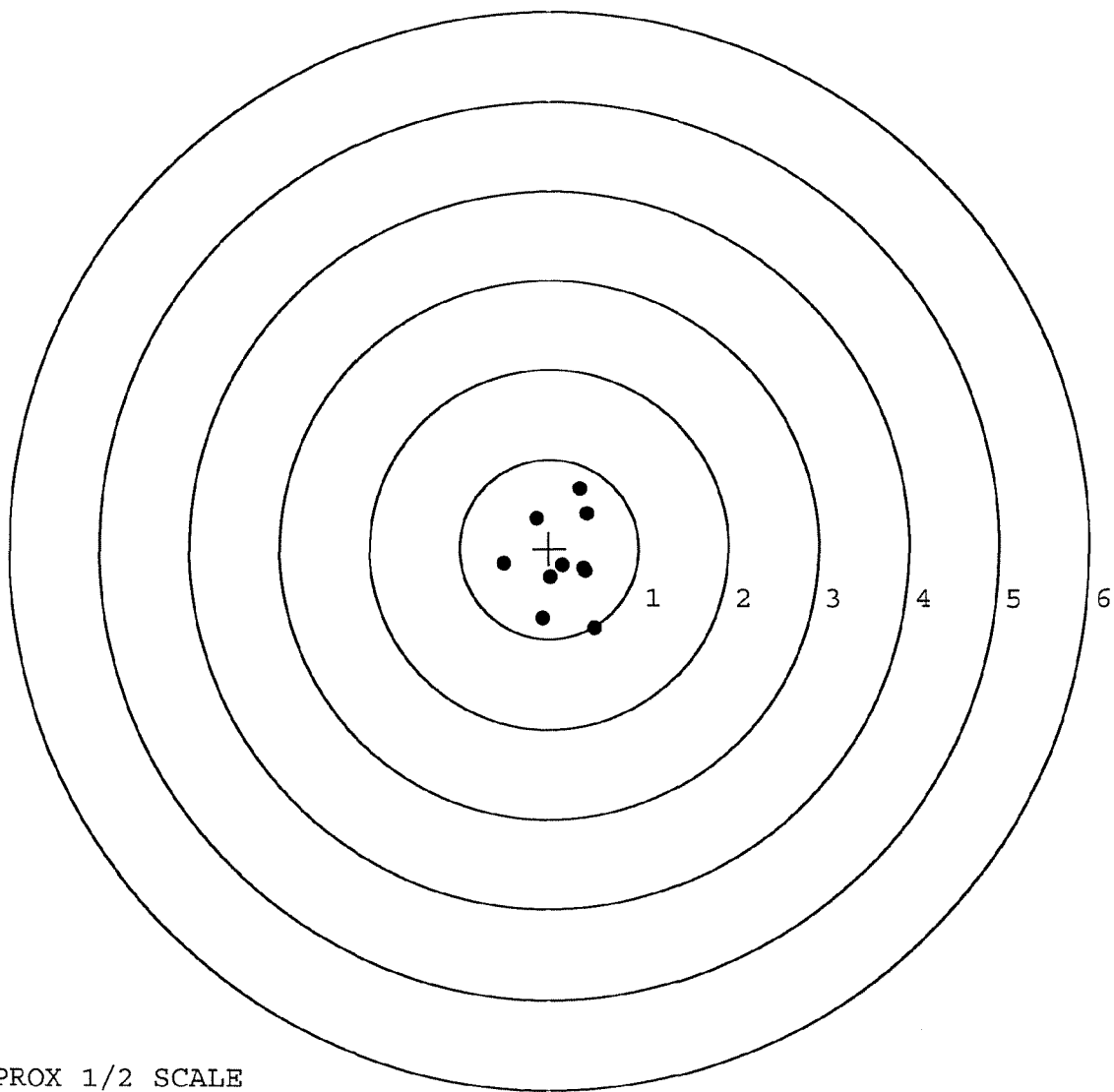
TARGET APPROX 1/2 SCALE

**BARBER - M24 0043419**

SERIAL NUMBER: C6348992. 0  
 TARGET NUMBER: 2  
 FILE DATE: 04/12/2007  
 FILE TIME: 23:51

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.144 | 0.340  |
| 2:     | 0.340  | 0.667  |
| 3:     | 0.420  | 0.390  |
| 4:     | 0.156  | -0.190 |
| 5:     | 0.408  | -0.257 |
| 6:     | 0.023  | -0.324 |
| 7:     | -0.073 | -0.781 |
| 8:     | -0.503 | -0.171 |
| 9:     | 0.389  | -0.224 |
| 10:    | 0.500  | -0.892 |

X CENTROID: 0.152  
 Y CENTROID: -0.144  
 POA TO CENTROID: 0.209  
 HORZ SPREAD: 1.003  
 VERT SPREAD: 1.559  
 GROUP SPREAD: 1.567  
 MIN RADIUS: 0.046  
 MAX RADIUS: 0.833  
 MEAN RADIUS: 0.495  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 10  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0043420**

SERIAL NUMBER: C6348992. \_\_0

TARGET NUMBER: 3

FILE DATE: 04/12/2007

FILE TIME: 23:51

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.485 | 0.894  |
| 2:     | -0.321 | 0.644  |
| 3:     | -0.065 | 1.009  |
| 4:     | -0.057 | 1.267  |
| 5:     | 0.194  | 0.450  |
| 6:     | -0.287 | -0.539 |
| 7:     | -0.440 | -1.097 |
| 8:     | 0.014  | -1.059 |
| 9:     | 0.768  | -1.468 |
| 10:    | 1.024  | -1.449 |

X CENTROID: 0.034

Y CENTROID: -0.135

POA TO CENTROID: 0.139

HORZ SPREAD: 1.509

VERT SPREAD: 2.735

GROUP SPREAD: 2.923

MIN RADIUS: 0.516

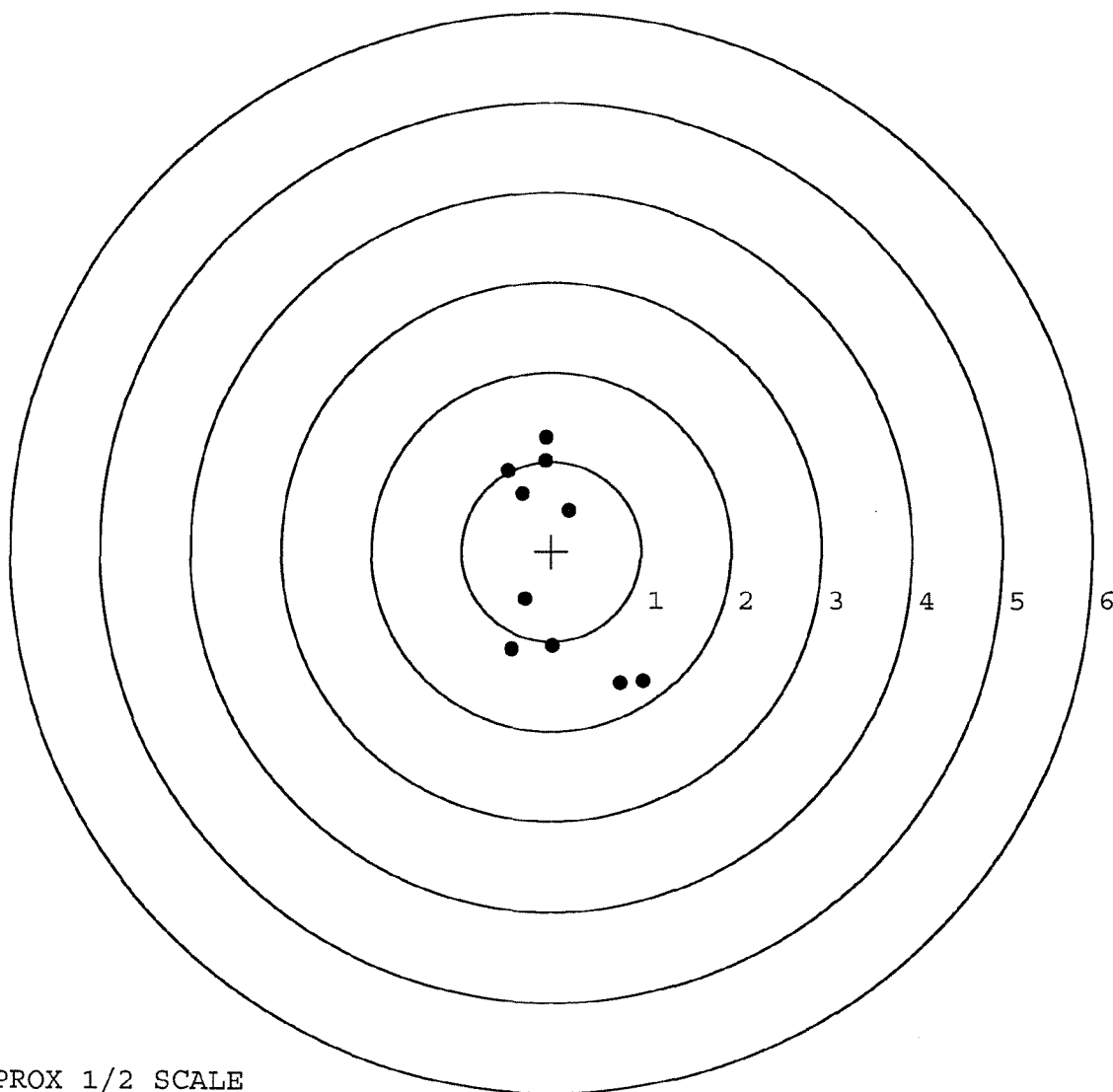
MAX RADIUS: 1.645

MEAN RADIUS: 1.085

# IN 1 IN DIAMETER: 0

# IN 2 IN DIAMETER: 4

# in 3 IN DIAMETER: 8



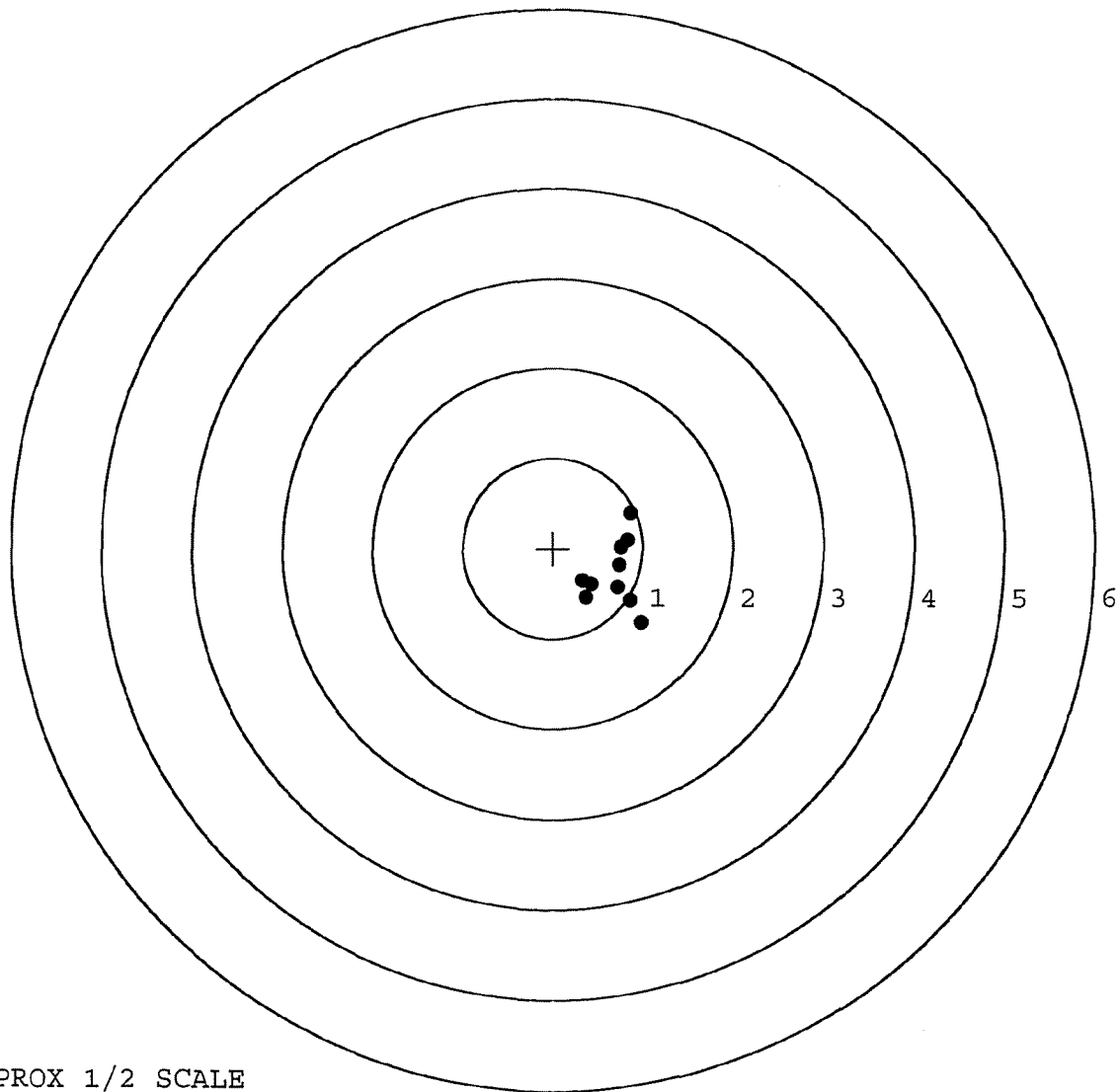
TARGET APPROX 1/2 SCALE

**BARBER - M24 0043421**

SERIAL NUMBER: C6348992. \_\_0  
 TARGET NUMBER: 4  
 FILE DATE: 04/12/2007  
 FILE TIME: 23:51

| POINT# | X     | Y      |
|--------|-------|--------|
| 1:     | 0.757 | 0.009  |
| 2:     | 0.865 | 0.385  |
| 3:     | 0.829 | 0.092  |
| 4:     | 0.741 | -0.191 |
| 5:     | 0.431 | -0.401 |
| 6:     | 0.866 | -0.581 |
| 7:     | 0.985 | -0.833 |
| 8:     | 0.368 | -0.549 |
| 9:     | 0.720 | -0.434 |
| 10:    | 0.331 | -0.364 |

X CENTROID: 0.689  
 Y CENTROID: -0.287  
 POA TO CENTROID: 0.747  
 HORZ SPREAD: 0.654  
 VERT SPREAD: 1.218  
 GROUP SPREAD: 1.224  
 MIN RADIUS: 0.109  
 MAX RADIUS: 0.694  
 MEAN RADIUS: 0.369  
 # IN 1 IN DIAMETER: 8  
 # IN 2 IN DIAMETER: 10  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0043422**

SERIAL NUMBER: C6348992. \_\_0

TARGET NUMBER: 5

FILE DATE: 04/12/2007

FILE TIME: 23:51

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.510 | 0.504  |
| 2:     | -0.332 | 0.355  |
| 3:     | 0.039  | 0.545  |
| 4:     | 0.199  | -0.001 |
| 5:     | -0.270 | 0.196  |
| 6:     | 0.082  | -0.142 |
| 7:     | 0.181  | -0.404 |
| 8:     | -0.343 | -0.285 |
| 9:     | 0.144  | -0.879 |
| 10:    | 0.984  | -0.533 |

X CENTROID: 0.017

Y CENTROID: -0.064

POA TO CENTROID: 0.067

HORZ SPREAD: 1.494

VERT SPREAD: 1.424

GROUP SPREAD: 1.819

MIN RADIUS: 0.101

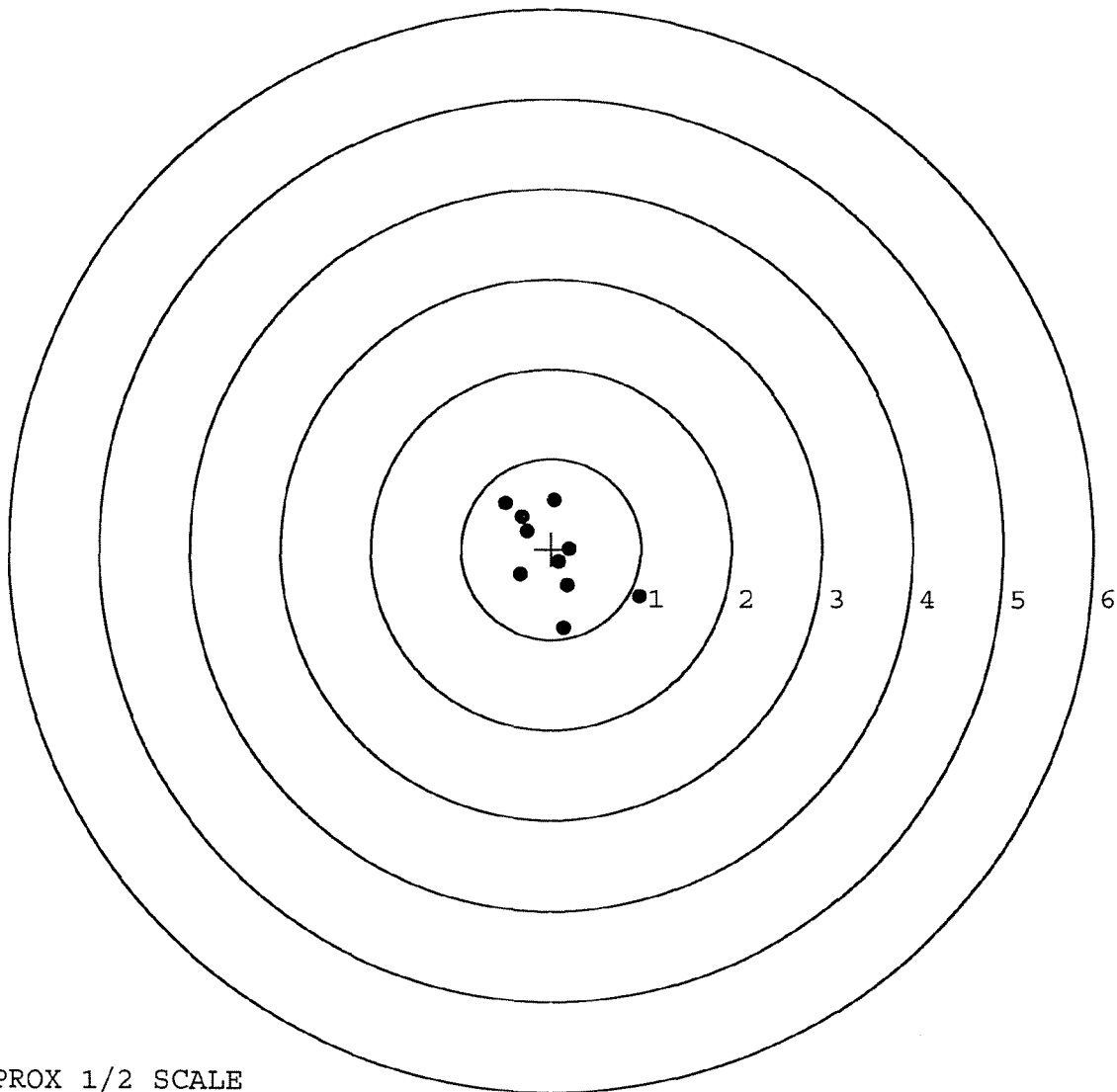
MAX RADIUS: 1.074

MEAN RADIUS: 0.531

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

|               |                      |                                                                                                                                                                        |                                      |
|---------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| R & E NUMBER  | 126706               |                                                                                                                                                                        |                                      |
| SERIAL NUMBER | C6348992             |                                                                                                                                                                        |                                      |
| LOG-IN DATE   | 3-14-07              |                                                                                                                                                                        |                                      |
| OPERATION #   | OPERATION NAME       | DATE                                                                                                                                                                   | INITIAL                              |
| 500           | DIS-ASSEMBLE GUN     | 3-28-07                                                                                                                                                                | RTZ                                  |
| 505           | RE-BARREL            | 4-3-07                                                                                                                                                                 | RTZ                                  |
| 560           | ASSEMBLE             | 4-3-07                                                                                                                                                                 | RTZ                                  |
| 600           | PROOF                | 4-3-07                                                                                                                                                                 | TRW                                  |
| 605           | CHECK HEADSPACE      | INSPECTED                                                                                                                                                              | 4-3-07 TRW                           |
| 610           | DIS-ASSEMBLE GUN     | APR 05 2007                                                                                                                                                            | 4-4-07 RTZ                           |
| 612           | MAGNAFLUX            | OPERATOR <u>APD</u>                                                                                                                                                    | 4-3-07 APD                           |
| 510           | DRILL AND TAP        | 4-4-07                                                                                                                                                                 | TRW                                  |
| 615           | ROLLMARK CALIBER     | 4-5-07                                                                                                                                                                 | CW                                   |
| 618           | ROTO-BLAST           | 4-5-07                                                                                                                                                                 | LB                                   |
| 620           | APPLY COATINGS       | 4-8-07                                                                                                                                                                 | TRW                                  |
| 625           | FINAL ASSEMBLY       | 4-9-07                                                                                                                                                                 | RTZ                                  |
| 640           | FUNCTION TEST AND    | (PASS) FAIL                                                                                                                                                            | 4/12/07 TRW                          |
| 650           | TARGET               | (PASS) FAIL                                                                                                                                                            | 4/12/07 TRW                          |
|               | MALFUNCTION          | CORRECTION                                                                                                                                                             |                                      |
|               | MALFUNCTION          | CORRECTION                                                                                                                                                             |                                      |
|               | MALFUNCTION          | CORRECTION                                                                                                                                                             |                                      |
|               | MALFUNCTION          | CORRECTION                                                                                                                                                             |                                      |
| 670           | FINAL INSPECTION     | 4-18-07                                                                                                                                                                | RTZ                                  |
|               | A) HEADSPACE         | (PASS) FAIL                                                                                                                                                            | 4-18-07 RTZ                          |
|               | 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> | 2.68 2.54 2.55 2.44 2.34 4-17-07 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>                               | 3.5 3.75 3.75 4-17-07 TRW            |
|               | G) SAFETY OFF FORCE  | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           2 LBS<br/>           MIN         </div>                                          | 2.25 2.25 2.25 4-17-07 TRW           |
|               | I) FIRING PIN INDENT | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           .020         </div>                                                              | .020 .0215 .022 4-17-07 TRW          |
| 690           | PACK                 |                                                                                                                                                                        | 4-18-07 RA                           |

**BARBER - M24-0043424**

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

**Repair Inquiry**

Repair Number: **RE00083293** Serial: C6348992 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 7/30/2004 7:45:02 AM

**Address Information**

Customer: ☒ Received From Return To: ☐ Received From

Name: **TRANSPORTATION OFFICE** **TRANSPORTATION OFFICE**

Address 1: **BLDG 330** **BLDG 330**

Address 2: **4885 CHILES AVE** **4885 CHILES AVE** PO Box: **PO Box**

City: **FORT CARSON** **FORT CARSON**

State: **CO** Zip Code: **80913** Country: **US** State: **CO** Zip Code: **80913** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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

**Contact Information**

Phone:

Fax:

Email:

Comments:

**Received Condition**

Fair:

Condition Notes:

CSR Notes:

**Accessories Received**

| Code | Desc                | Qty |
|------|---------------------|-----|
| A007 | With Stud           | 3   |
| A008 | With Swivel         | 2   |
| A016 | Scope Rings         | 2   |
| A017 | Scope Base          | 1   |
| A026 | Scope               | 1   |
| A042 | Adjustable Butt Pad | 1   |
| A045 | Bi Pod              | 1   |

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

inaglej 7/30/2004 1:40 PM CAPS NUM INS SCRL

start 3 3 2 2 5

Serial Number: **C6348992**

Model: **M24 SWS**



**RE00083293**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348992.\_\_\_0  
FILE DATE AND TIME: 08/16/2004 06:30

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.008 |
| The Average Y Centroid of the Five Target Set:              | 0.069 |
| The Average Point of Impact of the Five Target Set:         | 0.069 |
| The Average Mean Radius of the Five Target Set:             | 0.683 |
| The Distance from POA to Centroid Target #1:                | 0.069 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.218 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.363 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.047 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.021 |

SERIAL NUMBER: C6348992. \_\_0

TARGET NUMBER: 1

FILE DATE: 08/16/2004

FILE TIME: 06:30

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.175 | 1.690  |
| 2:     | -0.660 | -0.576 |
| 3:     | -0.606 | 0.023  |
| 4:     | -0.322 | 0.638  |
| 5:     | -0.216 | 0.134  |
| 6:     | 0.162  | 0.261  |
| 7:     | 0.591  | 0.258  |
| 8:     | 0.321  | 0.141  |
| 9:     | 0.215  | -0.554 |
| 10:    | 0.246  | -1.483 |

X CENTROID: -0.044

Y CENTROID: 0.053

POA TO CENTROID: 0.069

HORZ SPREAD: 1.251

VERT SPREAD: 3.173

GROUP SPREAD: 3.201

MIN RADIUS: 0.190

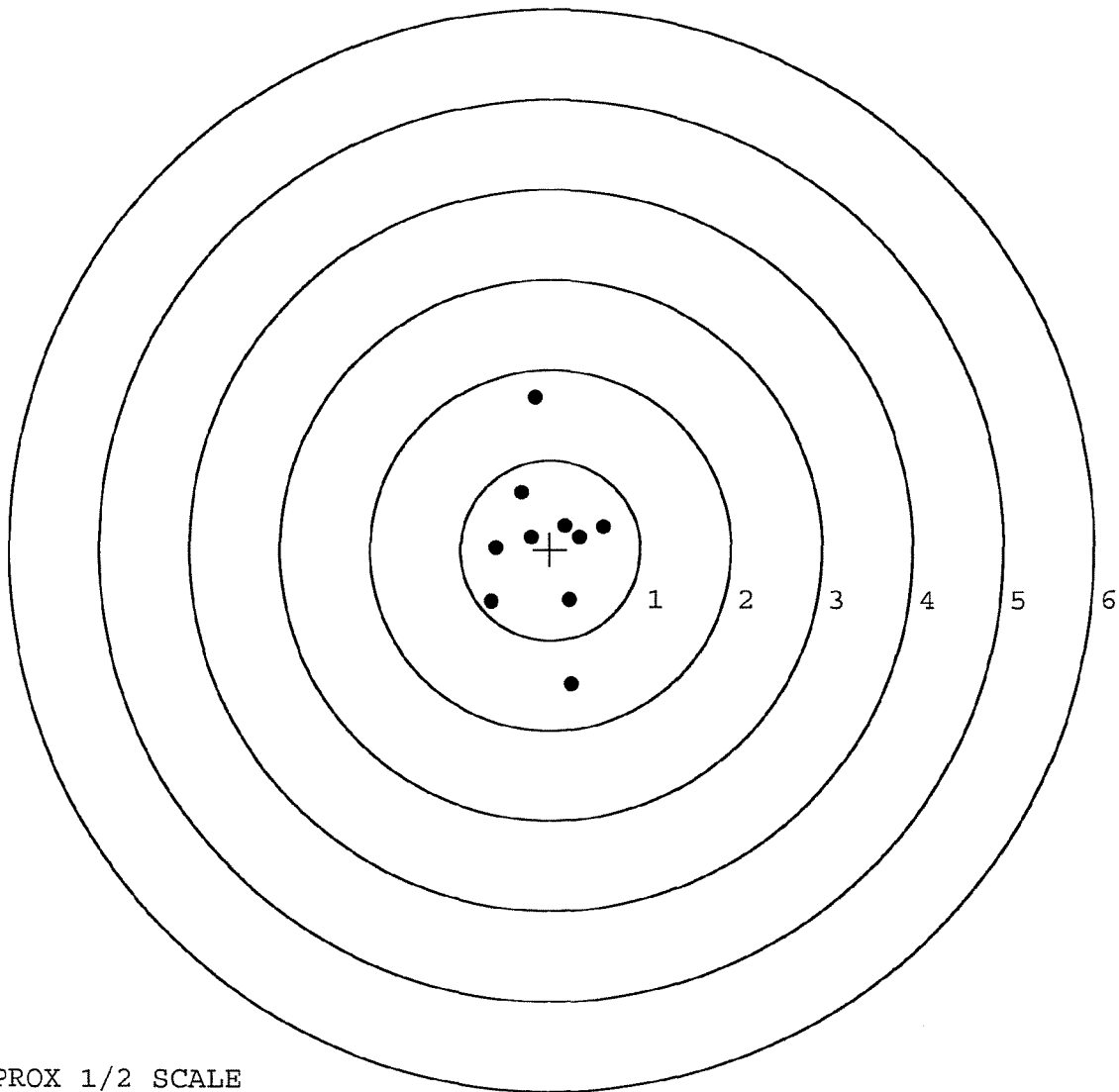
MAX RADIUS: 1.642

MEAN RADIUS: 0.748

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348992. \_\_0

TARGET NUMBER: 2

FILE DATE: 08/16/2004

FILE TIME: 06:30

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.535 | 1.170  |
| 2:     | -0.077 | 0.978  |
| 3:     | -0.096 | 0.547  |
| 4:     | 0.119  | 0.437  |
| 5:     | 0.607  | -0.117 |
| 6:     | 0.270  | -0.394 |
| 7:     | 0.008  | -0.420 |
| 8:     | -0.194 | -0.323 |
| 9:     | -0.550 | -0.071 |
| 10:    | 0.029  | 0.905  |

X CENTROID: -0.042

Y CENTROID: 0.271

POA TO CENTROID: 0.274

HORZ SPREAD: 1.157

VERT SPREAD: 1.590

GROUP SPREAD: 1.759

MIN RADIUS: 0.231

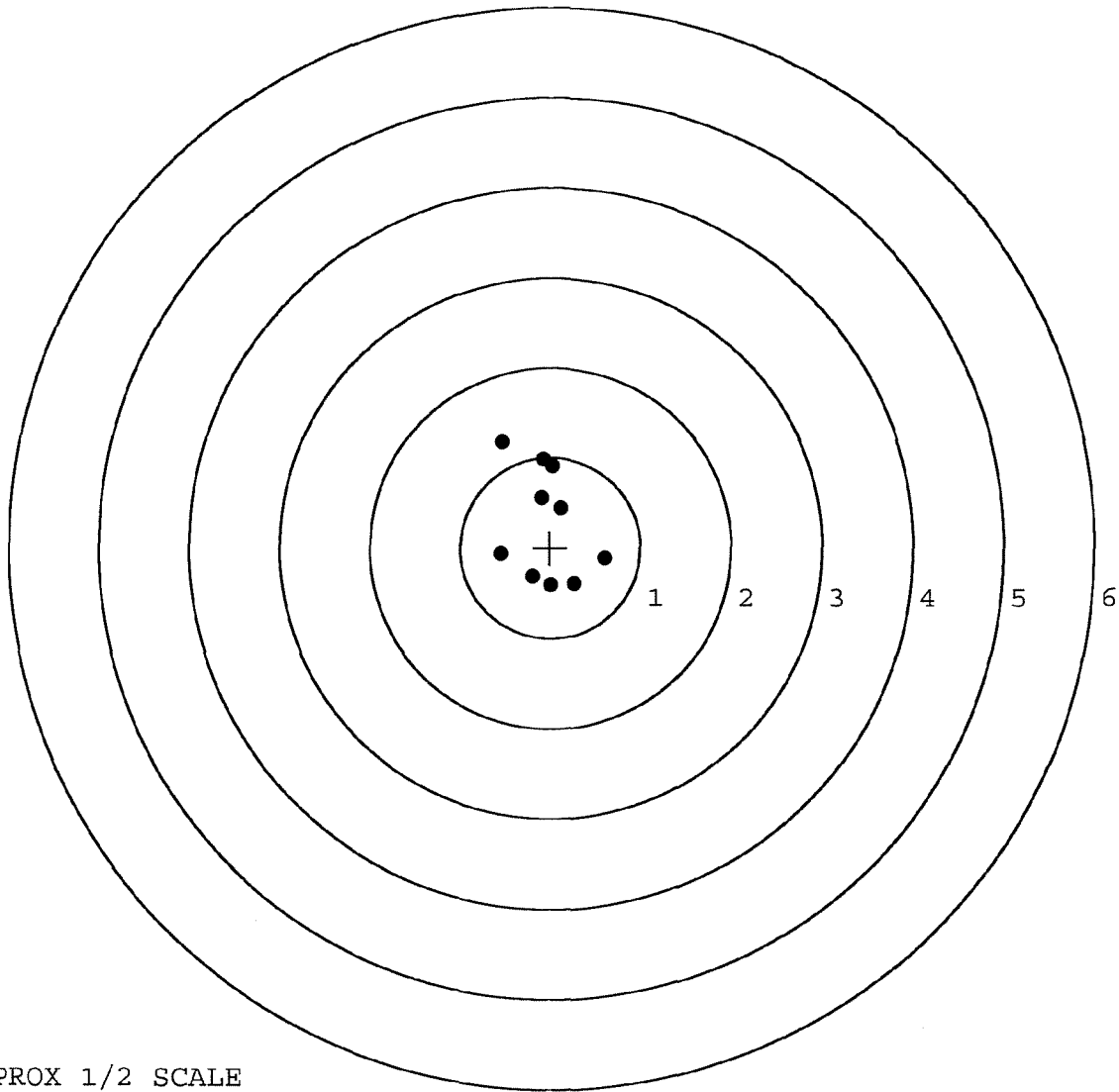
MAX RADIUS: 1.025

MEAN RADIUS: 0.629

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

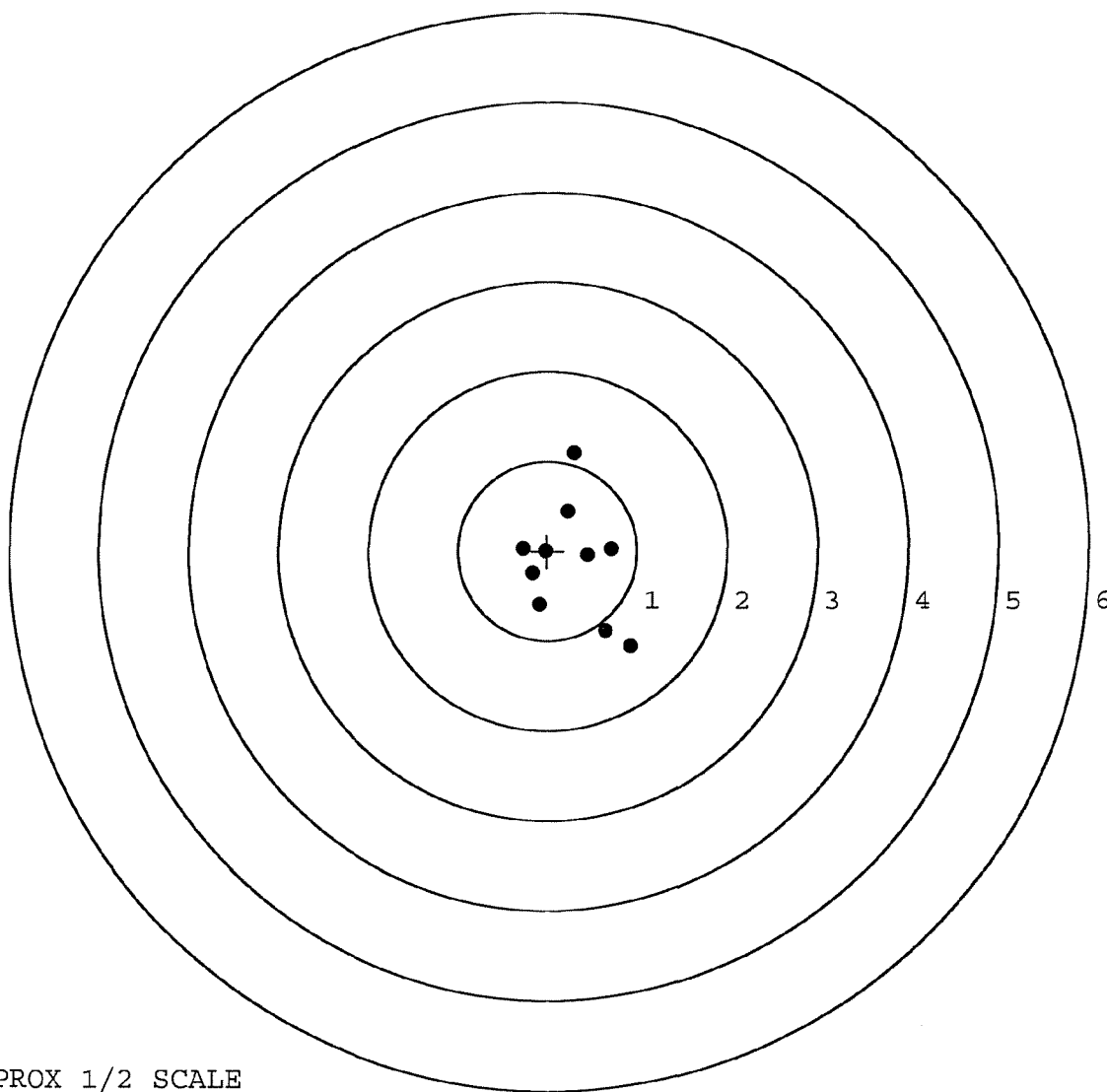


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348992. \_\_0  
 TARGET NUMBER: 3  
 FILE DATE: 08/16/2004  
 FILE TIME: 06:30

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.930  | -1.069 |
| 2:     | 0.649  | -0.898 |
| 3:     | -0.090 | -0.601 |
| 4:     | 0.715  | 0.022  |
| 5:     | 0.447  | -0.053 |
| 6:     | 0.223  | 0.445  |
| 7:     | -0.276 | 0.032  |
| 8:     | -0.168 | -0.247 |
| 9:     | -0.023 | -0.001 |
| 10:    | 0.299  | 1.091  |

X CENTROID: 0.271  
 Y CENTROID: -0.128  
 POA TO CENTROID: 0.299  
 HORZ SPREAD: 1.206  
 VERT SPREAD: 2.160  
 GROUP SPREAD: 2.250  
 MIN RADIUS: 0.192  
 MAX RADIUS: 1.219  
 MEAN RADIUS: 0.640  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348992. \_\_0

TARGET NUMBER: 4

FILE DATE: 08/16/2004

FILE TIME: 06:30

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.542 | 0.841  |
| 2:     | -0.029 | 0.714  |
| 3:     | -0.404 | 0.114  |
| 4:     | -0.032 | 0.112  |
| 5:     | -1.067 | 0.146  |
| 6:     | -0.774 | -0.435 |
| 7:     | 0.090  | -0.710 |
| 8:     | 0.338  | -0.297 |
| 9:     | 0.801  | -0.226 |
| 10:    | 0.794  | 0.544  |

X CENTROID: -0.082

Y CENTROID: 0.080

POA TO CENTROID: 0.115

HORZ SPREAD: 1.868

VERT SPREAD: 1.551

GROUP SPREAD: 1.903

MIN RADIUS: 0.060

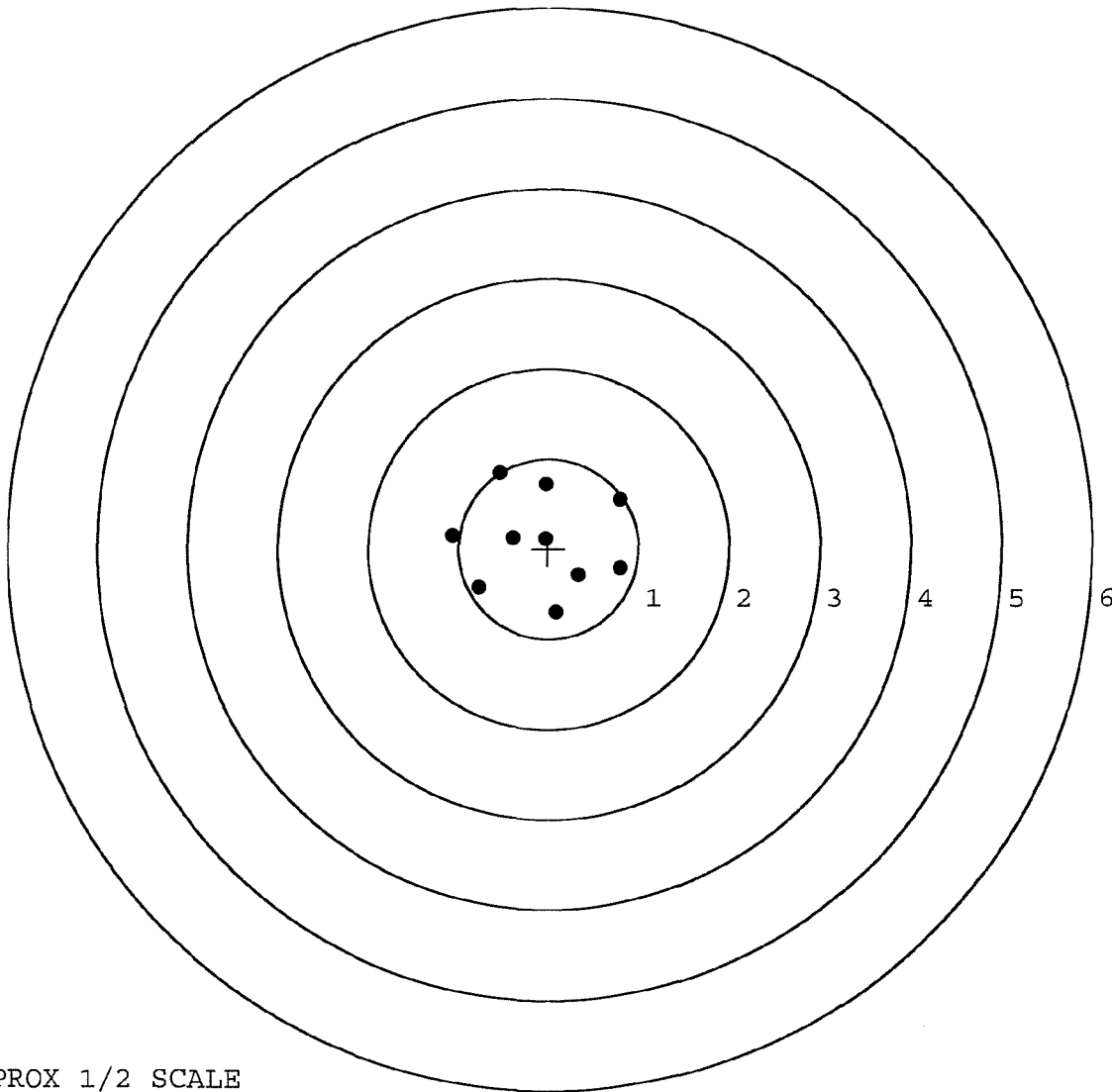
MAX RADIUS: 0.992

MEAN RADIUS: 0.706

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10

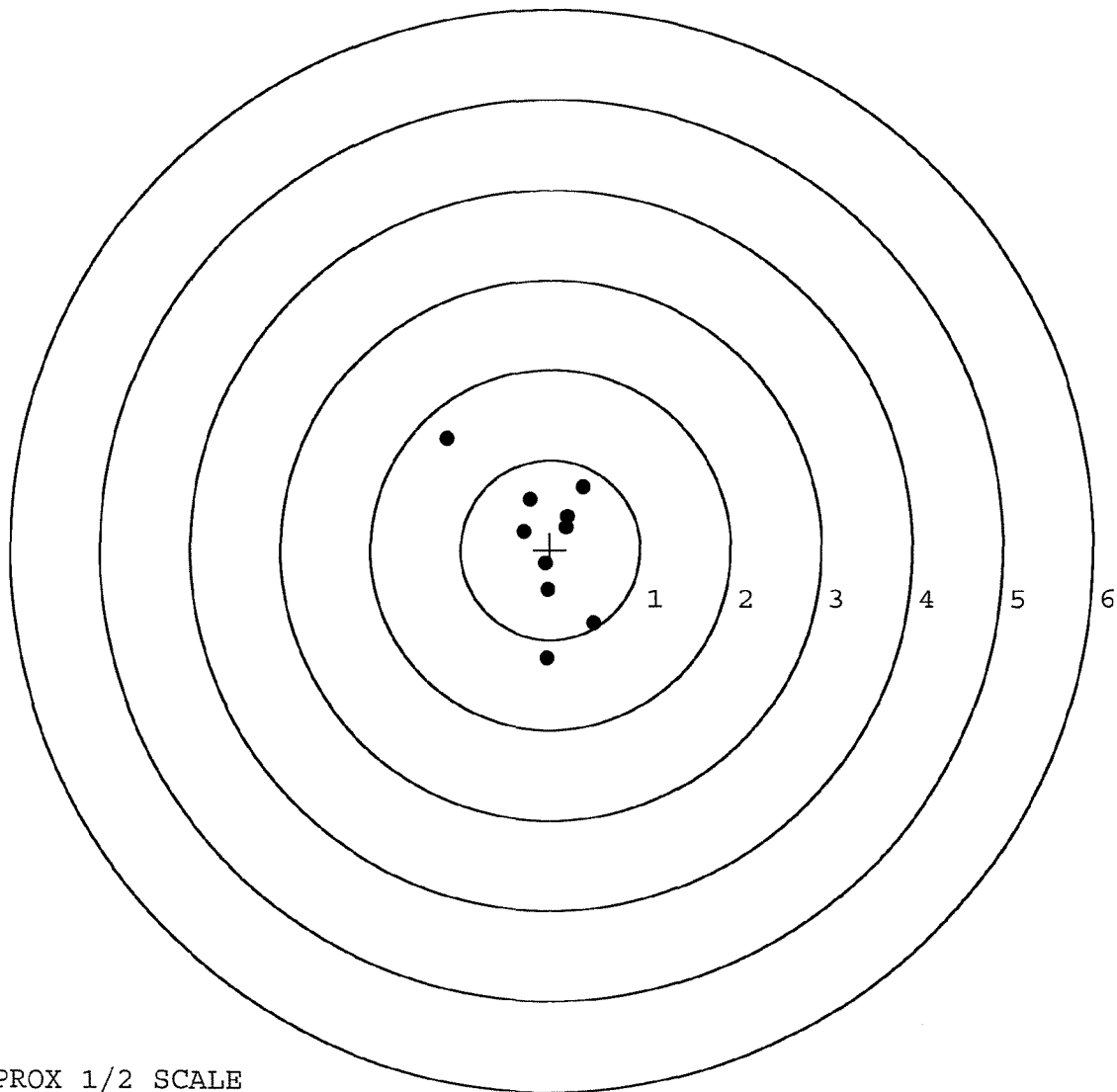


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348992. \_\_0  
 TARGET NUMBER: 5  
 FILE DATE: 08/16/2004  
 FILE TIME: 06:30

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.147 | 1.228  |
| 2:     | 0.363  | 0.696  |
| 3:     | -0.231 | 0.560  |
| 4:     | -0.305 | 0.206  |
| 5:     | 0.176  | 0.252  |
| 6:     | -0.054 | -0.154 |
| 7:     | -0.028 | -0.449 |
| 8:     | 0.484  | -0.823 |
| 9:     | -0.046 | -1.209 |
| 10:    | 0.187  | 0.371  |

X CENTROID: -0.060  
 Y CENTROID: 0.068  
 POA TO CENTROID: 0.091  
 HORZ SPREAD: 1.631  
 VERT SPREAD: 2.437  
 GROUP SPREAD: 2.674  
 MIN RADIUS: 0.222  
 MAX RADIUS: 1.590  
 MEAN RADIUS: 0.690  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 7  
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL # C 634 8992

INSPECTED BY: RP

DATE REC'D: 7-28-04

DATE RET'D: 8-17-04

ITEM

BARREL ASSEMBLY

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

SCOPE ASSEMBLY

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

ITEM

STOCK ASSEMBLY

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

SYSTEMS CASE

☒ SCOPE CASE  
☒ IRON SIGHTS  
☒ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION  
☒ RE-SET TO FACTORY SPECS

COMMENTS:

|                     |                              |           |         |
|---------------------|------------------------------|-----------|---------|
| R & E NUMBER        | 83293                        |           |         |
| SERIAL NUMBER       | C 6348992                    |           |         |
| LOG-IN DATE         | 7-30-04                      |           |         |
| INSPECT AND VERIFY: |                              |           |         |
| OPERATION #         | OPERATION NAME               | DATE      | INITIAL |
| 550                 | DIS-ASSEMBLE GUN             | 8-9-04    | RTZ     |
| 560 A               | RE-BARREL                    | 8-9-04    | RTZ     |
| B                   | DRILL AND TAP                | 8-9-04    | TRW     |
| 575                 | ASSEMBLE MAGNA-FLUX          | 8-10-04   | RTZ     |
| 600                 | PROOF INSPECTED              | 8-10-04   | RTZ     |
| 605                 | CHECK HEADSPACE 1:1 2006     | 8-10-04   | RTZ     |
| 610                 | DIS-ASSEMBLE GUN             | 8-10-04   | RTZ     |
| 612                 | MAGNAFLUX OPERATOR <i>JS</i> |           |         |
| 615                 | ROLLMARK CALIBER             | 8/11/04   | JS      |
| 618                 | ROTO-BLAST                   | 8/12/04   | DG      |
| 620                 | APPLY COATINGS               | 8/12      | HP      |
| 625 A               | FINAL ASSEMBLY               | 8-13-04   | RTZ     |
| B                   | TRIGGER PULL TEST            |           |         |
| C                   | SAFETY "ON" FORCE            |           |         |
| D                   | SAFETY "OFF" FORCE           |           |         |
| E                   | FIRING PIN INDENT            |           |         |
| 640                 | TARGET                       | 8-16-04   | AL      |
| 655                 | FINAL INSPECT                | 8-17-04   | RTZ     |
| 660                 | PACK                         | 8-17-04   | JA      |
|                     |                              |           |         |
|                     |                              |           |         |
|                     |                              |           |         |
|                     |                              |           |         |
|                     |                              |           |         |
|                     |                              | SHIP DATE |         |
|                     |                              |           |         |
|                     | QAR INSPECTION DATE          |           |         |

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

**MODEL 700<sup>TM</sup> M24**

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

**DU PONT**

**SERIAL NO. C6348992**

**ORDER NO. 5716**

**01**

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



5716 C6348992

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348992

| OP. #     | OP. NAME                                                 | READINGS                  | DATE    | INIT |
|-----------|----------------------------------------------------------|---------------------------|---------|------|
| 575 & 580 | Assemble Action and Stock                                | <b>QUALITY AUDIT</b> 1 30 | 90      | RW   |
| 600       | Proof                                                    | 1 30                      | 90      | A    |
| 607       | Check Headspace                                          | 1 30                      | 90      | A    |
| 610       | Dis-assemble Gun                                         | 1 30                      | 90      | RW   |
| 612       | Magnaflux Barrel Action                                  | 2-5-90                    |         | KCR  |
|           | Magnaflux Bolt                                           | 2-5-90                    |         |      |
| 615       | Rollmark Caliber                                         | 2-5-90                    |         | CS   |
| 617       | Drill and Tap Sight Holes                                | 2-5-90                    |         | FB   |
| 618       | Polish Barrel AB                                         | 2-5-90                    |         | WB   |
| 620       | Apply Coatings (Barrel Action)                           |                           | 2-17-90 | BA   |
|           | Apply Coating (Bolt)                                     |                           |         |      |
| 625       | Final Assembly                                           |                           |         |      |
|           | A) Clean inside of Bolt Assembly                         |                           | 2/19/90 | WB   |
|           | B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head |                           | 2/19/90 | WB   |
|           | C) Inspect Ejector Hole for Chamfer                      |                           | 4/18/90 | RW   |
|           | D) Oil Firing Pin Ass'y                                  |                           | 4/18/90 | RW   |
|           | E) Adjust Trigger Pull to Min Setting and Stake          |                           | 4/23/90 | JM   |

**BARBER - M24 0043435**

| op. #        | OP. NAME                                                    | READINGS |      |      |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                          | 4        | 4    | 4    |      |      | 4/24/90 | JH   |
|              | G) Safety Off Force                                         | 3        | 3    | 3    |      |      | 4/24/90 | JH   |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |      |      | 4/23/90 | JH   |
|              | I) Firing Pin Indent                                        | .022     | .022 | .022 |      |      | 4/24/90 | JH   |
|              | J) Assemble Stock                                           |          |      |      |      |      | 4/24/90 | RW   |
|              | K) Assemble Swivel Studs                                    |          |      |      |      |      | 4/30/90 | WB   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |      |      |      | 4/24/90 | RW   |
|              | M) Iron Sight Alignment                                     |          |      |      |      |      | 4/24/90 | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |      |      |      | 4/24/90 | RW   |
|              | O) Attach Scope to Rifle                                    |          |      |      |      |      | 4/24/90 | JH   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |      |      |      | 4/24/90 | JH   |
| 640          | Gallery Target & Test                                       |          |      |      |      |      | 4-24-90 | DH   |
|              | A) Time                                                     |          |      |      |      |      | 4-24-90 | DH   |
|              | B) Malfunctions                                             |          |      |      |      |      | 4-24-90 | DH   |
|              | C) Pierced Primers                                          |          |      |      |      |      | 4-24-90 | DH   |
|              | D) Optical Clarity of Scope                                 |          |      |      |      |      | 4-24-90 | DH   |
| 645          | Inspect for Live Ammo                                       |          |      |      |      |      | 4-24-90 | DH   |
| 655          | Final Inspection<br>A) Headspace                            |          |      |      |      |      | 4/26/90 | WB   |
|              | B) Trigger Pull                                             | 2.77     | 2.81 | 2.81 | 2.83 | 2.86 | 4/26/90 | WB   |
|              | C) Function                                                 |          |      |      |      |      | 4/30/90 | WB   |
| 660          | Pack                                                        |          |      |      |      |      | 6-19-90 | DH   |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06348992

DATE 4/23/80

TESTER JP

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.45             | 2.48                     | 2.49                           | 2.77 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.41             | 2.48                     | 2.44                           | 2.81 |                                                                        |
| PULL #3 | 2.38             | 2.50                     | 2.40                           | 2.81 |                                                                        |
| PULL #4 | 2.46             | 2.56                     | 2.51                           | 2.83 |                                                                        |
| PULL #5 | 2.52             | 2.43                     | 2.49                           | 2.86 |                                                                        |
| TOTAL   | 12.22            | 12.44                    | 12.33                          |      |                                                                        |
| AVG.    | 2.444            | 2.488                    | 2.466                          |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.20             | 3.43                     |  |          |
| PULL #2 | 3.14             | 3.40                     |  |          |
| PULL #3 | 3.49             | 3.28                     |  |          |
| PULL #4 | 3.40             | 3.33                     |  |          |
| PULL #5 | 3.28             | 3.30                     |  |          |
| TOTAL   | 16.51            | 16.74                    |  |          |
| AVG.    | 3.302            | 3.348                    |  |          |

|         | 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 | 4.35             | 4.18                     |                                | 4.56                                 |
| PULL #2 | 4.30             | 4.21                     |                                | 4.38                                 |
| PULL #3 | 4.27             | 4.26                     |                                | 4.36                                 |
| PULL #4 | 4.31             | 4.30                     |                                | 4.42                                 |
| PULL #5 | 4.35             | 4.34                     |                                | 4.40                                 |
| TOTAL   | 21.58            | 21.29                    |                                | 22.12                                |
| AVG.    | 4.316            | 4.258                    |                                | 4.424                                |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6348992  
24 Apr 1990

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .655661 |
| 1 TO | 2 | 1.22954 |
| 1 TO | 3 | 1.21649 |
| 1 TO | 4 | 1.03969 |
| 1 TO | 5 | 1.56373 |

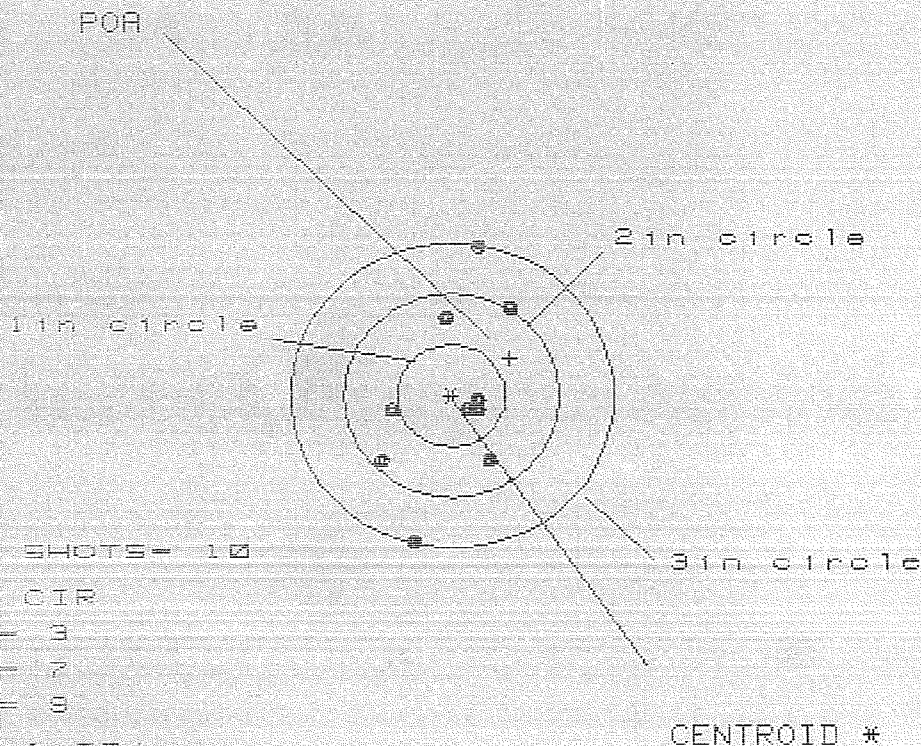
$\begin{matrix} 3 \\ 42 \end{matrix}$ 
 $\begin{matrix} + \\ \end{matrix}$ 
 $\begin{matrix} \leftarrow \end{matrix}$ 
POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2488  
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .228  
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .337469  
 THE AMR FOR THIS RIFLE IS: .7652

24 Apr 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C634B992

## CENTERFIRE PATTERNS # 1



# OF SHOTS= 10

# IN CIR

1in = 3

2in = 7

3in = 9

HS= 1.274

VS= 2.879

GS= 2.956

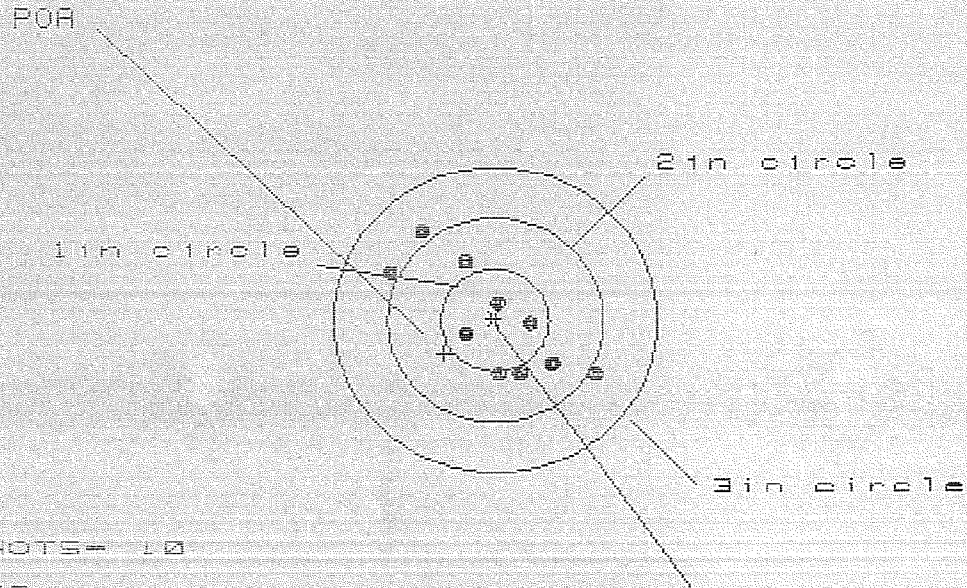
CENTROID #

| PATTERN #                     | 1      | 2      | 3     |
|-------------------------------|--------|--------|-------|
| SHOTS (BEST OF)               | 10     | 9      | 8     |
| MAXIMUM X                     | .573   | .603   | .557  |
| MINIMUM X                     | -.701  | -.671  | -.717 |
| MAXIMUM Y                     | 1.484  | .999   | .845  |
| MINIMUM Y                     | -1.395 | -1.230 | -.657 |
| CENTROID X                    | -.544  | -.574  | -.528 |
| CENTROID Y                    | -.366  | -.531  | -.377 |
| POA TO CENTROID in.           | .655   | .782   | .649  |
| MIN RADIUS                    | .215   | .167   | .199  |
| MEAN RADIUS                   | .763   | .670   | .579  |
| MAX RADIUS                    | 1.509  | 1.283  | 1.012 |
| HORIZONTAL SPREAD             | 1.274  | 1.274  | 1.274 |
| VERTICAL SPREAD               | 2.879  | 2.229  | 1.502 |
| EXTREME SPREAD                | 2.956  | 2.430  | 1.970 |
| NUMBER IN ONE INCH CIRCLE =   |        | 3      |       |
| NUMBER IN TWO INCH CIRCLE =   |        | 7      |       |
| NUMBER IN THREE INCH CIRCLE = |        | 9      |       |

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FILE:/PATTERNING/CENTERFIRE\_PATT/C634B992

## CENTERFIRE PATTERNS # 2



# OF SHOTS= 10

# IN CIR

1in = 3

2in = 7

3in = 10

HS= 1.889

VS= 1.470

CS= 2.134

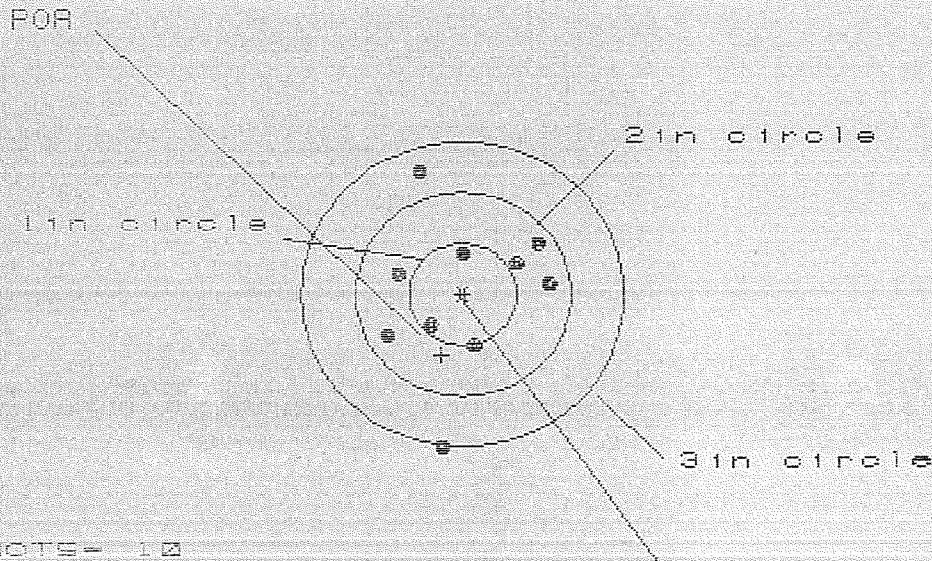
CENTROID #

| PATTERN #                     | 10    | 9      | 8     |
|-------------------------------|-------|--------|-------|
| SHOTS (BEST OF)               | 10    | 9      | 8     |
| MAXIMUM X                     | .920  | .851   | .721  |
| MINIMUM X                     | -.969 | -1.038 | -.513 |
| MAXIMUM Y                     | .923  | .639   | .711  |
| MINIMUM Y                     | -.547 | -.445  | -.373 |
| CENTROID X                    | .473  | .542   | .672  |
| CENTROID Y                    | .325  | .223   | .151  |
| POA TO CENTROID in.           | .574  | .586   | .689  |
| MIN RADIUS                    | .220  | .271   | .219  |
| MEAN RADIUS                   | .656  | .593   | .504  |
| MAX RADIUS                    | 1.115 | 1.185  | .830  |
| HORIZONTAL SPREAD             | 1.889 | 1.889  | 1.234 |
| VERTICAL SPREAD               | 1.470 | 1.084  | 1.084 |
| EXTREME SPREAD                | 2.134 | 2.134  | 1.565 |
| NUMBER IN ONE INCH CIRCLE =   | 3     |        |       |
| NUMBER IN TWO INCH CIRCLE =   | 7     |        |       |
| NUMBER IN THREE INCH CIRCLE = | 10    |        |       |

24 Apr 1993

FILE:/PATTERNING/CENTERFIRE\_PATT/C634B392

## CENTERFIRE PATTERNS # 3



# OF SHOTS= 10

# IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.505

VS= 2.705

CS= 2.713

CENTROID \*

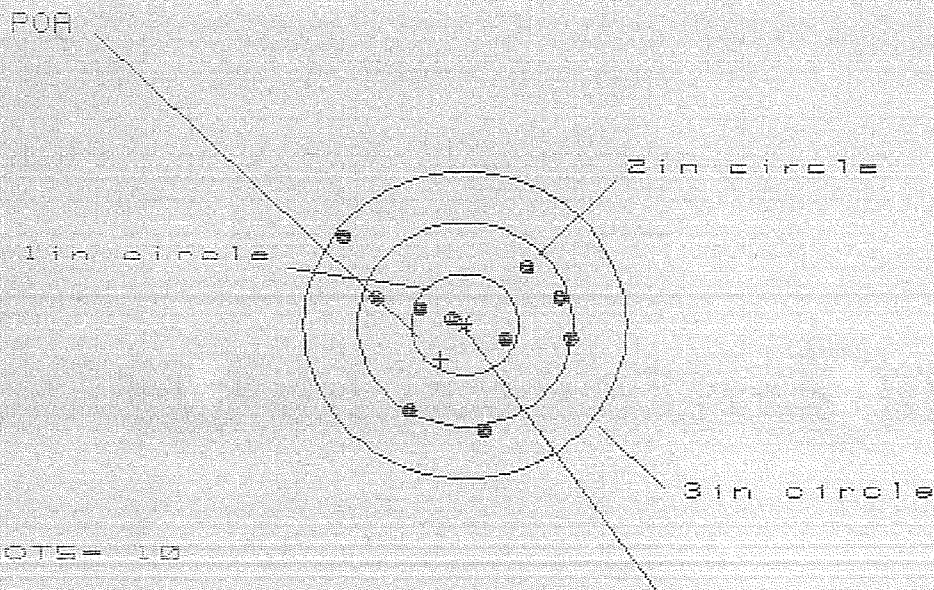
| PATTERN #                     | 3      | 3     | 3     |
|-------------------------------|--------|-------|-------|
| SHOTS (BEST OF)               | 10     | 9     | 8     |
| MAXIMUM X                     | .795   | .770  | .712  |
| MINIMUM X                     | -.710  | -.735 | -.793 |
| MAXIMUM Y                     | 1.238  | 1.075 | .480  |
| MINIMUM Y                     | -1.467 | -.674 | -.539 |
| CENTROID X                    | .198   | .223  | .281  |
| CENTROID Y                    | .598   | .761  | .626  |
| POA TO CENTROID in.           | .629   | .793  | .686  |
| MIN RADIUS                    | .410   | .245  | .381  |
| MEAN RADIUS                   | .784   | .694  | .625  |
| MAX RADIUS                    | 1.485  | 1.171 | .894  |
| HORIZONTAL SPREAD             | 1.505  | 1.505 | 1.505 |
| VERTICAL SPREAD               | 2.705  | 1.749 | 1.019 |
| EXTREME SPREAD                | 2.713  | 1.840 | 1.705 |
| NUMBER IN ONE INCH CIRCLE =   |        | 2     |       |
| NUMBER IN TWO INCH CIRCLE =   |        | 8     |       |
| NUMBER IN THREE INCH CIRCLE = |        | 10    |       |

24 Apr 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C834B992

## CENTERFIRE PATTERNS

# 4



# OF SHOTS= 10

# IN CIR

1 in = 3

2 in = 8

3 in = 10

HS= 2.123

VS= 1.870

GS= 2.347

CENTROID #

| PATTERN #                     | 1      | 4     | 9     | 8     |
|-------------------------------|--------|-------|-------|-------|
| SHOTS (BEST OF)               | 10     | 9     | 9     | 8     |
| MAXIMUM X                     | .970   | .841  | .841  | .849  |
| MINIMUM X                     | -1.153 | -.977 | -.977 | -.969 |
| MAXIMUM Y                     | .853   | .620  | .620  | .504  |
| MINIMUM Y                     | -1.017 | -.922 | -.922 | -.836 |
| CENTROID X                    | .222   | .351  | .351  | .343  |
| CENTROID Y                    | .337   | .242  | .242  | .358  |
| POA TO CENTROID in.           | .404   | .426  | .426  | .496  |
| MIN RADIUS                    | .116   | .275  | .275  | .225  |
| MEAN RADIUS                   | .796   | .722  | .722  | .684  |
| MAX RADIUS                    | 1.434  | 1.046 | 1.046 | 1.060 |
| HORIZONTAL SPREAD             | 2.123  | 1.818 | 1.818 | 1.818 |
| VERTICAL SPREAD               | 1.870  | 1.542 | 1.542 | 1.340 |
| EXTREME SPREAD                | 2.347  | 1.867 | 1.867 | 1.867 |
| NUMBER IN ONE INCH CIRCLE =   |        | 3     |       |       |
| NUMBER IN TWO INCH CIRCLE =   |        | 8     |       |       |
| NUMBER IN THREE INCH CIRCLE = |        | 10    |       |       |

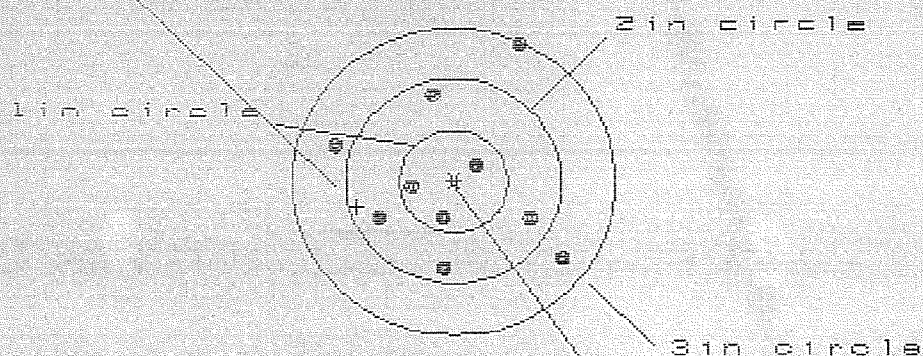
24 Apr 1990

FILE:/PATTERNING/CENTERFIRE\_PATT/C634B952

## CENTERFIRE PATTERNS

# 5

POA



# OF SHOTS - 10

# IN CIR

1 in = 3

2 in = 7

3 in = 9

HS = 2.044

VS = 2.233

GS = 2.356

CENTROID #

| PATTERN #                     | 5      |       |       |
|-------------------------------|--------|-------|-------|
| SHOTS (BEST OF)               | 10     | 9     | 8     |
| MAXIMUM X                     | .994   | 1.062 | .935  |
| MINIMUM X                     | -1.050 | -.982 | -.849 |
| MAXIMUM Y                     | 1.368  | .990  | .915  |
| MINIMUM Y                     | -.865  | -.713 | -.788 |
| CENTROID X                    | .895   | .827  | .694  |
| CENTROID Y                    | .246   | .094  | .169  |
| POA TO CENTROID in.           | .928   | .832  | .715  |
| MIN RADIUS                    | .297   | .236  | .232  |
| MEAN RADIUS                   | .827   | .728  | .654  |
| MAX RADIUS                    | 1.500  | 1.222 | .971  |
| HORIZONTAL SPREAD             | 2.044  | 2.044 | 1.784 |
| VERTICAL SPREAD               | 2.233  | 1.703 | 1.703 |
| EXTREME SPREAD                | 2.356  | 2.307 | 1.899 |
| NUMBER IN ONE INCH CIRCLE =   |        | 3     |       |
| NUMBER IN TWO INCH CIRCLE =   |        | 7     |       |
| NUMBER IN THREE INCH CIRCLE = |        | 9     |       |