

C6349224

SS  
73

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.

*Remington*

## 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: RE00144817

Serial: C6349224 Model M24 SWS Center Fire  
Caliber: 7.62 NATO

Repairman:

Status:

Closed 4/24/2008 10:57:45 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             | 3   |
| A008 | With Swivel           | 2   |
| A010 | Hard Case             | 1   |
| A026 | Scope                 | 1   |
| A057 | Fit and Rear Sgt Base | 1   |

naglelj

4/24/2008

12:24 PM

NUM

start

4 Micros...

The Assn...

7 Micros...

SAP Login...

Arms Ser...

Serial Number:

C6349224

Model: M24 SWS



RE00144817

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349224.\_\_0

FILE DATE AND TIME: 05/27/2008 05:28

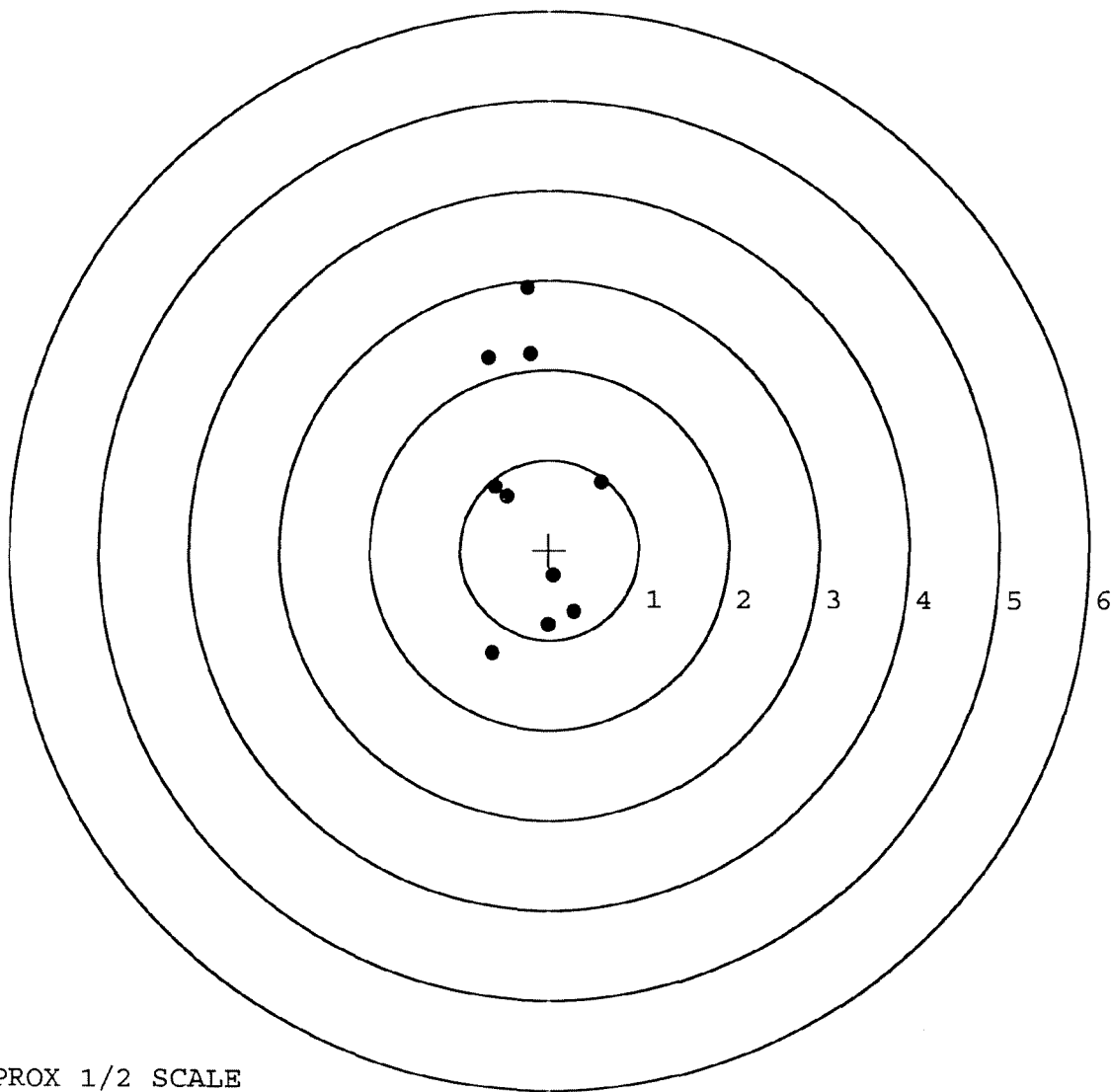
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.007 |
| The Average Y Centroid of the Five Target Set:              | 0.060  |
| The Average Point of Impact of the Five Target Set:         | 0.060  |
| The Average Mean Radius of the Five Target Set:             | 0.858  |
| The Distance from POA to Centroid Target #1:                | 0.662  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.966  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.726  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.724  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.623  |

SERIAL NUMBER: C6349224.\_0  
TARGET NUMBER: 1  
FILE DATE: 05/27/2008  
FILE TIME: 05:28

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.276  | -0.687 |
| 2:     | -0.016 | -0.840 |
| 3:     | -0.645 | -1.159 |
| 4:     | 0.052  | -0.285 |
| 5:     | 0.583  | 0.755  |
| 6:     | -0.476 | 0.599  |
| 7:     | -0.610 | 0.700  |
| 8:     | -0.215 | 2.175  |
| 9:     | -0.689 | 2.132  |
| 10:    | -0.253 | 2.918  |

X CENTROID: -0.199  
Y CENTROID: 0.631  
POA TO CENTROID: 0.662  
HORZ SPREAD: 1.272  
VERT SPREAD: 4.077  
GROUP SPREAD: 4.096  
MIN RADIUS: 0.279  
MAX RADIUS: 2.288  
MEAN RADIUS: 1.258  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 4  
# in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349224. \_\_0

TARGET NUMBER: 2

FILE DATE: 05/27/2008

FILE TIME: 05:28

X CENTROID: -0.034

Y CENTROID: -0.321

POA TO CENTROID: 0.323

HORZ SPREAD: 1.937

VERT SPREAD: 1.867

GROUP SPREAD: 2.056

MIN RADIUS: 0.234

MAX RADIUS: 1.295

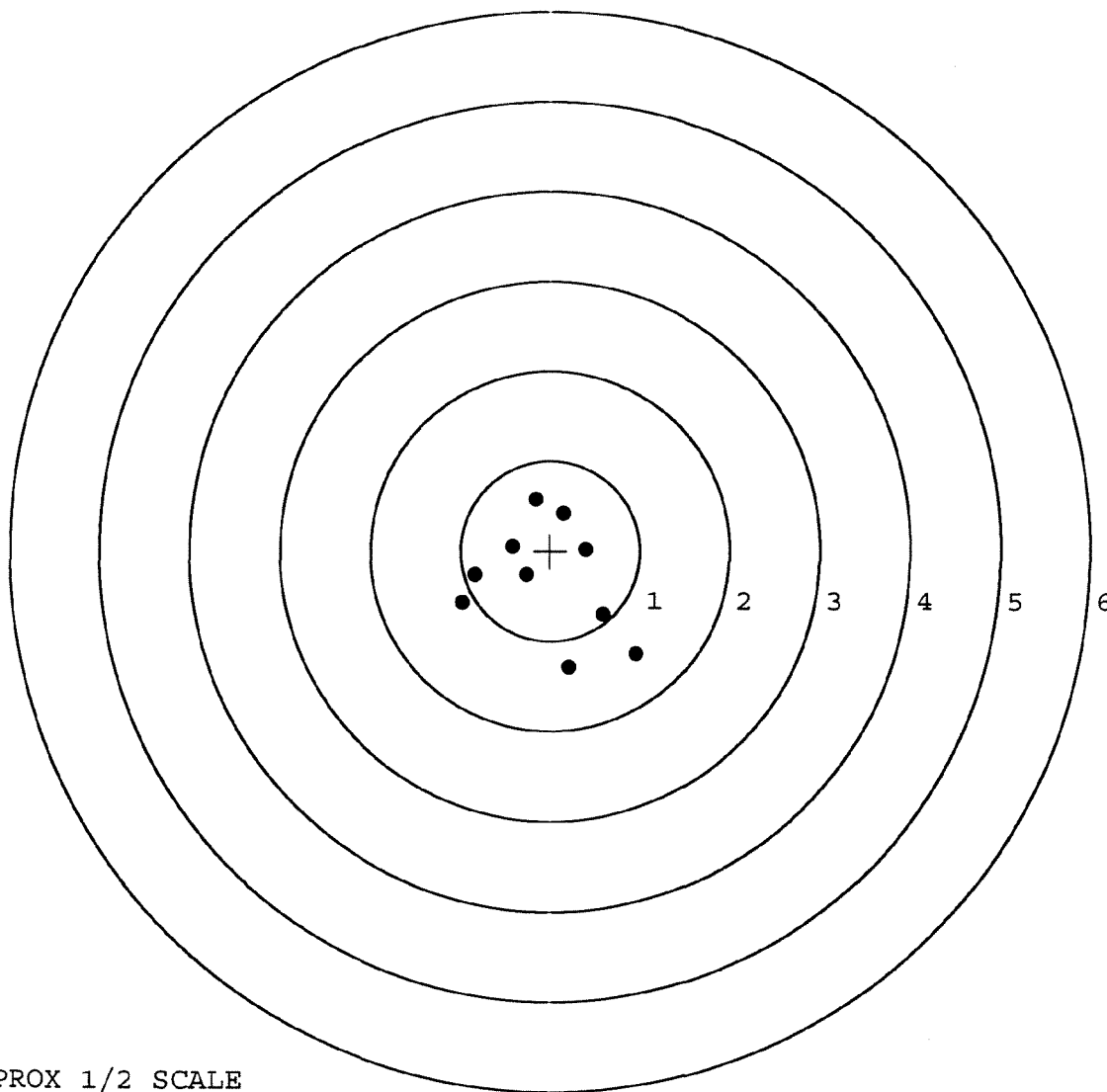
MEAN RADIUS: 0.780

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.961  | -1.150 |
| 2:     | 0.218  | -1.295 |
| 3:     | 0.593  | -0.709 |
| 4:     | 0.397  | 0.016  |
| 5:     | 0.150  | 0.418  |
| 6:     | -0.162 | 0.572  |
| 7:     | -0.262 | -0.266 |
| 8:     | -0.425 | 0.048  |
| 9:     | -0.836 | -0.261 |
| 10:    | -0.976 | -0.580 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349224. 0

TARGET NUMBER: 3

FILE DATE: 05/27/2008

FILE TIME: 05:28

| POINT# | X | Y |
|--------|---|---|
|--------|---|---|

|    |       |        |
|----|-------|--------|
| 1: | 0.332 | -0.655 |
|----|-------|--------|

|    |       |        |
|----|-------|--------|
| 2: | 0.257 | -0.796 |
|----|-------|--------|

|    |        |        |
|----|--------|--------|
| 3: | -0.169 | -0.738 |
|----|--------|--------|

|    |        |        |
|----|--------|--------|
| 4: | -0.984 | -0.347 |
|----|--------|--------|

|    |       |        |
|----|-------|--------|
| 5: | 0.305 | -0.141 |
|----|-------|--------|

|    |       |       |
|----|-------|-------|
| 6: | 0.136 | 0.010 |
|----|-------|-------|

|    |       |       |
|----|-------|-------|
| 7: | 0.510 | 0.097 |
|----|-------|-------|

|    |       |       |
|----|-------|-------|
| 8: | 0.571 | 0.626 |
|----|-------|-------|

|    |        |       |
|----|--------|-------|
| 9: | -0.301 | 0.407 |
|----|--------|-------|

|     |        |       |
|-----|--------|-------|
| 10: | -0.156 | 1.030 |
|-----|--------|-------|

X CENTROID: 0.050

Y CENTROID: -0.051

POA TO CENTROID: 0.071

HORZ SPREAD: 1.555

VERT SPREAD: 1.826

GROUP SPREAD: 1.872

MIN RADIUS: 0.105

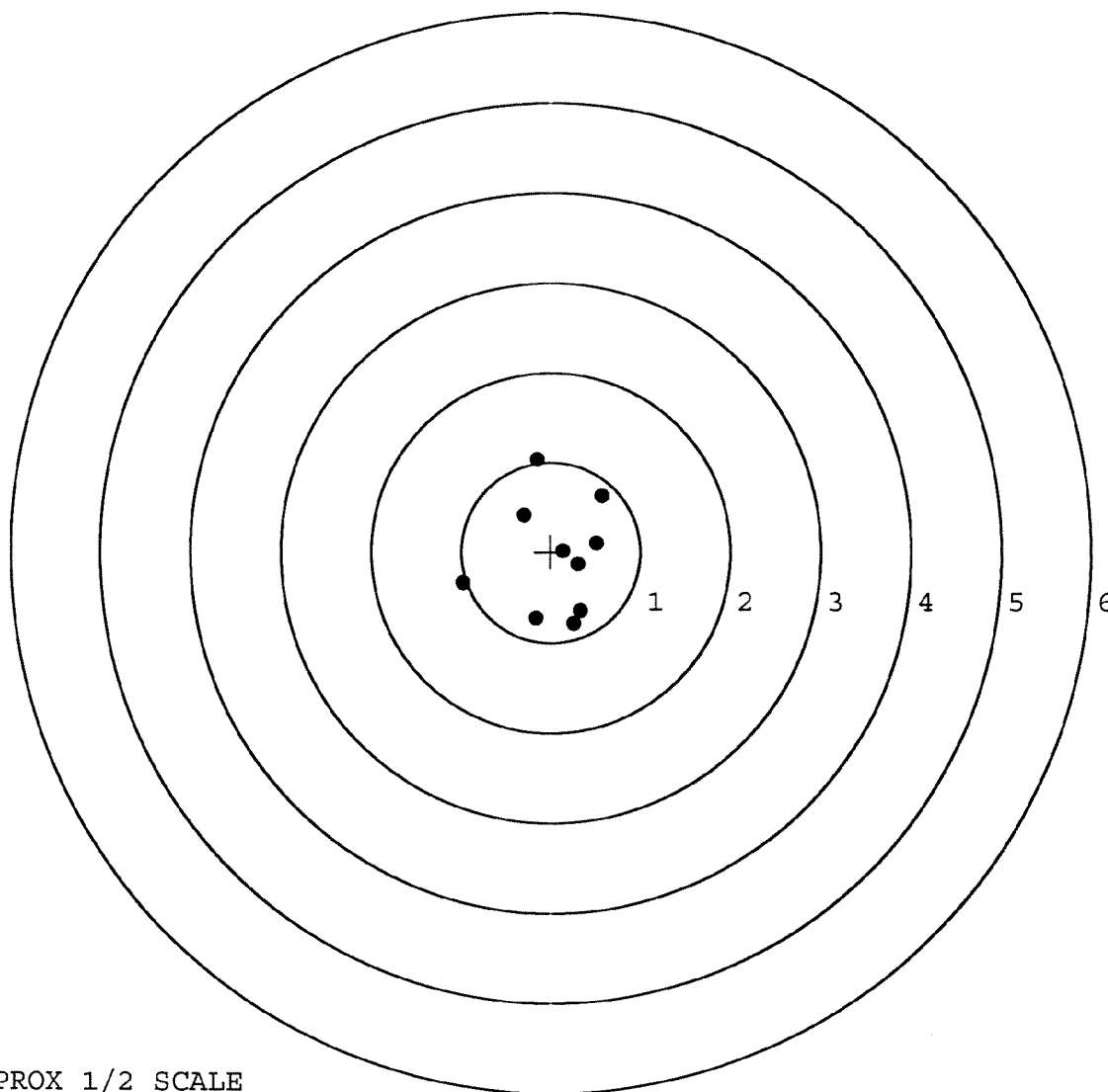
MAX RADIUS: 1.100

MEAN RADIUS: 0.663

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349224. 0

TARGET NUMBER: 4

FILE DATE: 05/27/2008

FILE TIME: 05:28

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.569  | 0.365  |
| 2:     | 0.531  | 0.670  |
| 3:     | 0.120  | 0.455  |
| 4:     | 0.042  | 0.335  |
| 5:     | -0.522 | 0.269  |
| 6:     | -0.505 | -0.044 |
| 7:     | 0.291  | -0.252 |
| 8:     | 0.183  | -0.378 |
| 9:     | -0.047 | -0.547 |
| 10:    | -0.028 | -0.836 |

X CENTROID: 0.163

Y CENTROID: 0.004

POA TO CENTROID: 0.163

HORZ SPREAD: 2.091

VERT SPREAD: 1.506

GROUP SPREAD: 2.114

MIN RADIUS: 0.286

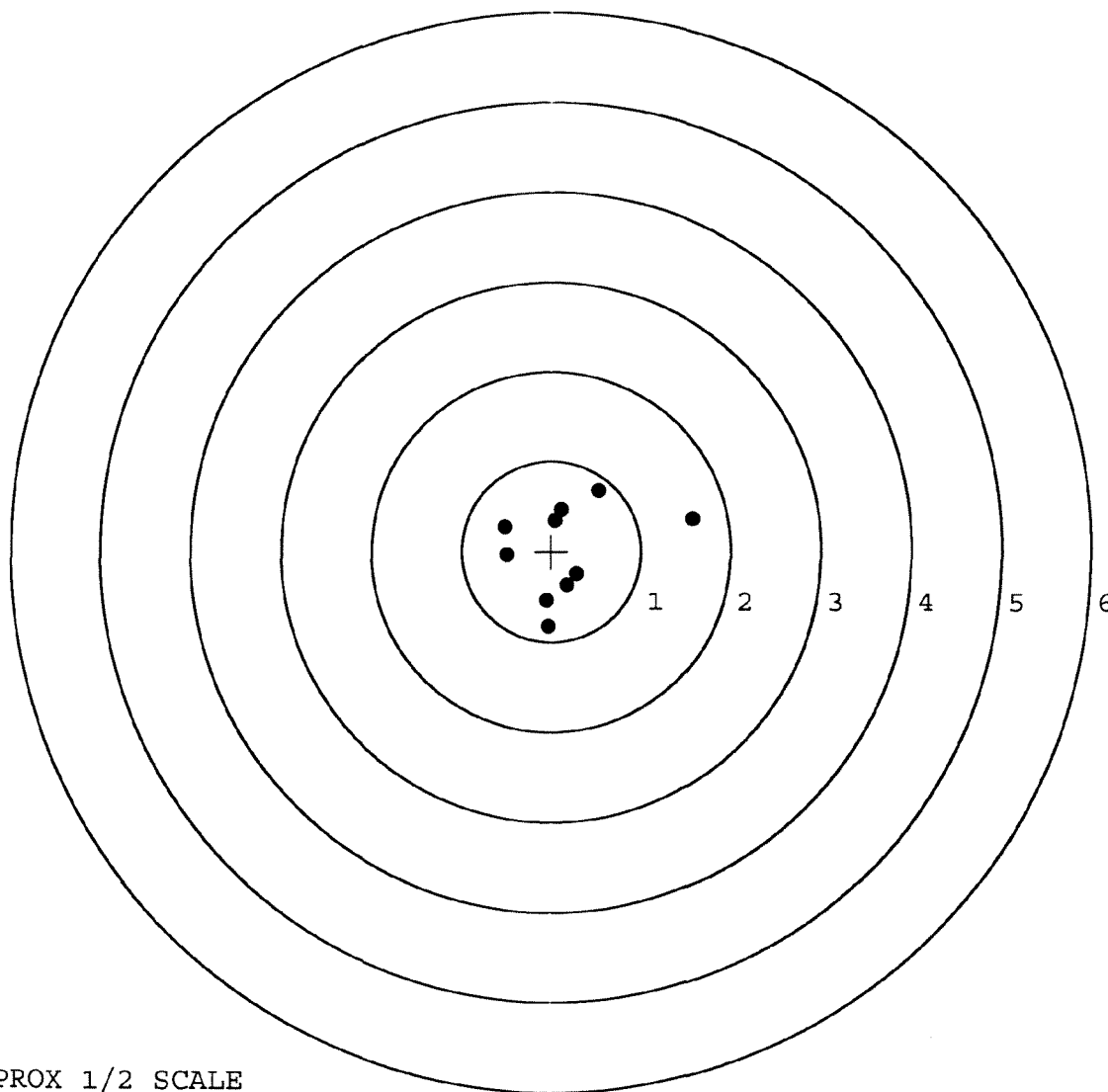
MAX RADIUS: 1.451

MEAN RADIUS: 0.654

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

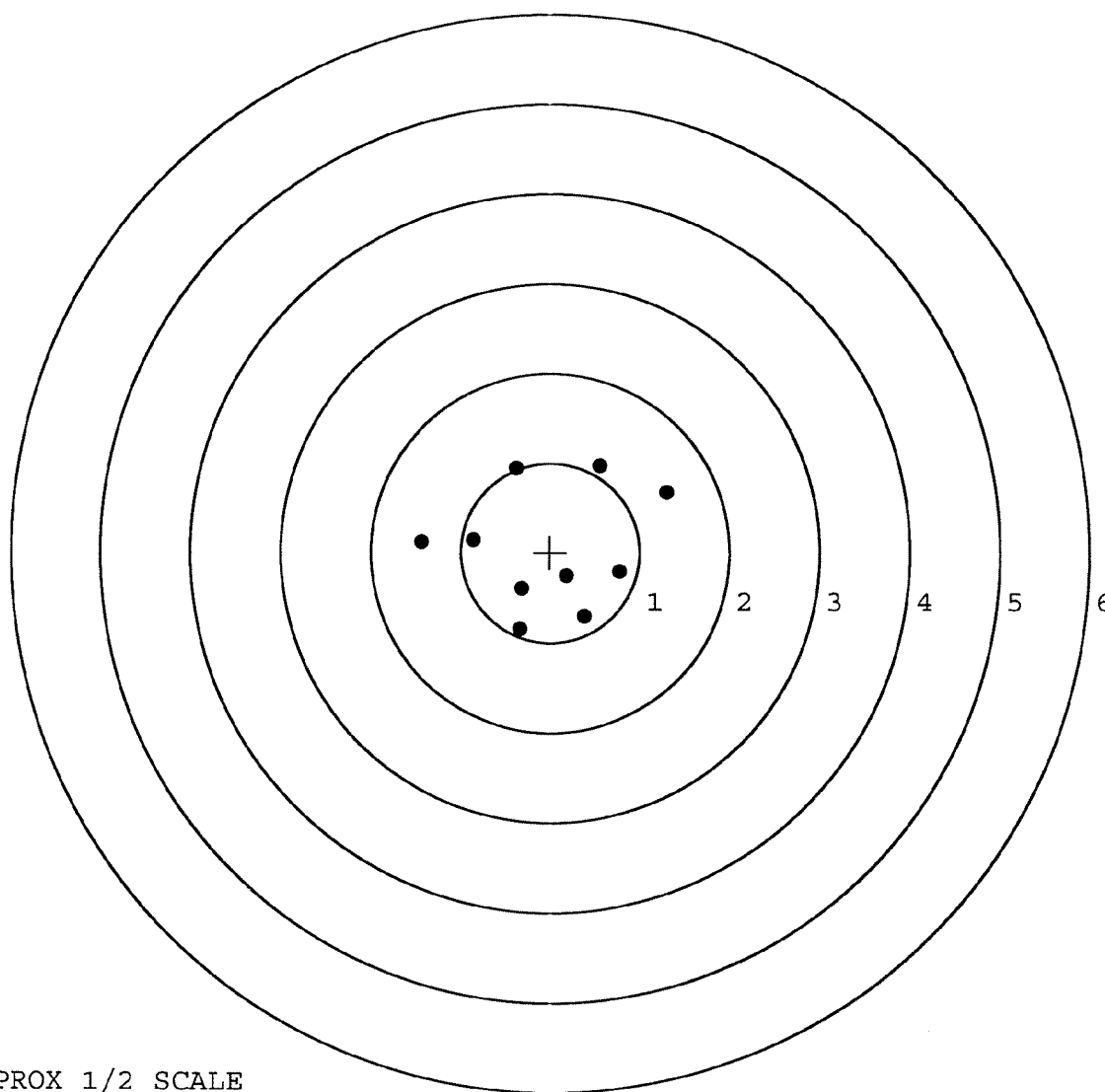


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349224. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 05/27/2008  
FILE TIME: 05:28

X CENTROID: -0.015  
Y CENTROID: 0.036  
POA TO CENTROID: 0.039  
HORZ SPREAD: 2.734  
VERT SPREAD: 1.826  
GROUP SPREAD: 2.790  
MIN RADIUS: 0.364  
MAX RADIUS: 1.459  
MEAN RADIUS: 0.936  
# IN 1 IN DIAMETER: 1  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.298  | 0.671  |
| 2:     | 0.559  | 0.967  |
| 3:     | -0.381 | 0.946  |
| 4:     | 0.779  | -0.222 |
| 5:     | 0.383  | -0.716 |
| 6:     | 0.180  | -0.271 |
| 7:     | -0.343 | -0.859 |
| 8:     | -0.326 | -0.411 |
| 9:     | -0.863 | 0.140  |
| 10:    | -1.436 | 0.114  |



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 144817  
SERIAL NUMBER C6349224  
LOG-IN DATE 4-24-08

| OPERATION # | OPERATION NAME       | DATE                     | INITIAL    |
|-------------|----------------------|--------------------------|------------|
| 500         | DIS-ASSEMBLE GUN     | 4-28-08                  | RTZ        |
| 505         | RE-BARREL            |                          |            |
| 560         | ASSEMBLE             | 4-30-08                  | TRW        |
| 600         | PROOF                | 4-30-08                  | TRW        |
| 605         | CHECK HEADSPACE      | 4-30-08                  | TRW        |
| 610         | DIS-ASSEMBLE GUN     | 4-30-08                  | TRW        |
| 612         | MAGNAFLUX            | 5/1/08                   | mmg        |
| 510         | DRILL AND TAP        | 5-1-08                   | TRW        |
| 615         | ROLLMARK CALIBER     | 5-1-08                   | CW         |
| 618         | ROTO-BLAST           | 5-1-08                   | DS         |
| 620         | APPLY COATINGS       | 5-5-08                   | CW         |
| 625         | FINAL ASSEMBLY       | 5-23-08                  | RTZ        |
| 640         | FUNCTION TEST AND    | PASS FAIL                | 5-23-08 SD |
| 650         | TARGET               | PASS FAIL                | 5-23-08 SD |
|             | MALFUNCTION          | CORRECTION               |            |
|             | MALFUNCTION          | CORRECTION N/A           |            |
|             | MALFUNCTION          | CORRECTION               |            |
|             | MALFUNCTION          | CORRECTION               | 5-23-08 RP |
| 670         | FINAL INSPECTION     | 5/27/08                  | Fm         |
|             | A) HEADSPACE         | PASS FAIL                | 5/27/08 Fm |
|             | B) TRIGGER PULL      | 2.94 2.90 2.75 2.70 2.75 | 5/27/08 Fm |
| 680         | F) SAFETY ON FORCE   | 4- 4- 3.5                | 5/27/08 Fm |
|             | G) SAFETY OFF FORCE  | 3- 2.5 2.5               | 5/27/08 Fm |
|             | I) FIRING PIN INDENT | .020 .020 .020           | 5/27/08 Fm |
| 690         | PACK                 |                          | 5/29/08 Fm |

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00092557** Serial: C6349224 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 2/7/2005 8:19:29 AM

Verify Repair

**Address Information**

Customer: ☒ Received From Return To: ☐ Received From

Name: DEF DIST DEPOT ANNISTON DEF DIST DEPOT ANNISTON

Address 1: Address 2: PO Box: 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 | Front and Rear Sgt Base | 1   |

Repair Search Refresh Close

napletj 2/7/2005 10:20 AM CAPS INUM INS SCPL

start 3 2

Serial Number: **C6349224**

Model: **M24 SWS**



**RE00092557**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349224.\_\_\_0

FILE DATE AND TIME: 04/22/2005 03:53

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.081 |
| The Average Y Centroid of the Five Target Set:              | 0.005  |
| The Average Point of Impact of the Five Target Set:         | 0.081  |
| The Average Mean Radius of the Five Target Set:             | 0.969  |
| The Distance from POA to Centroid Target #1:                | 0.414  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.376  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.511  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.618  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.211  |

SERIAL NUMBER: C6349224. \_\_0

TARGET NUMBER: 1

FILE DATE: 04/22/2005

FILE TIME: 03:53

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.670  | -0.997 |
| 2:     | 0.525  | -0.682 |
| 3:     | 0.068  | -0.735 |
| 4:     | 0.383  | -0.054 |
| 5:     | -1.468 | -0.668 |
| 6:     | -2.815 | 0.172  |
| 7:     | -0.190 | 0.411  |
| 8:     | -0.362 | 0.831  |
| 9:     | -0.958 | 0.906  |
| 10:    | -0.866 | 1.845  |

X CENTROID: -0.401

Y CENTROID: 0.103

POA TO CENTROID: 0.414

HORZ SPREAD: 4.485

VERT SPREAD: 2.842

GROUP SPREAD: 4.635

MIN RADIUS: 0.374

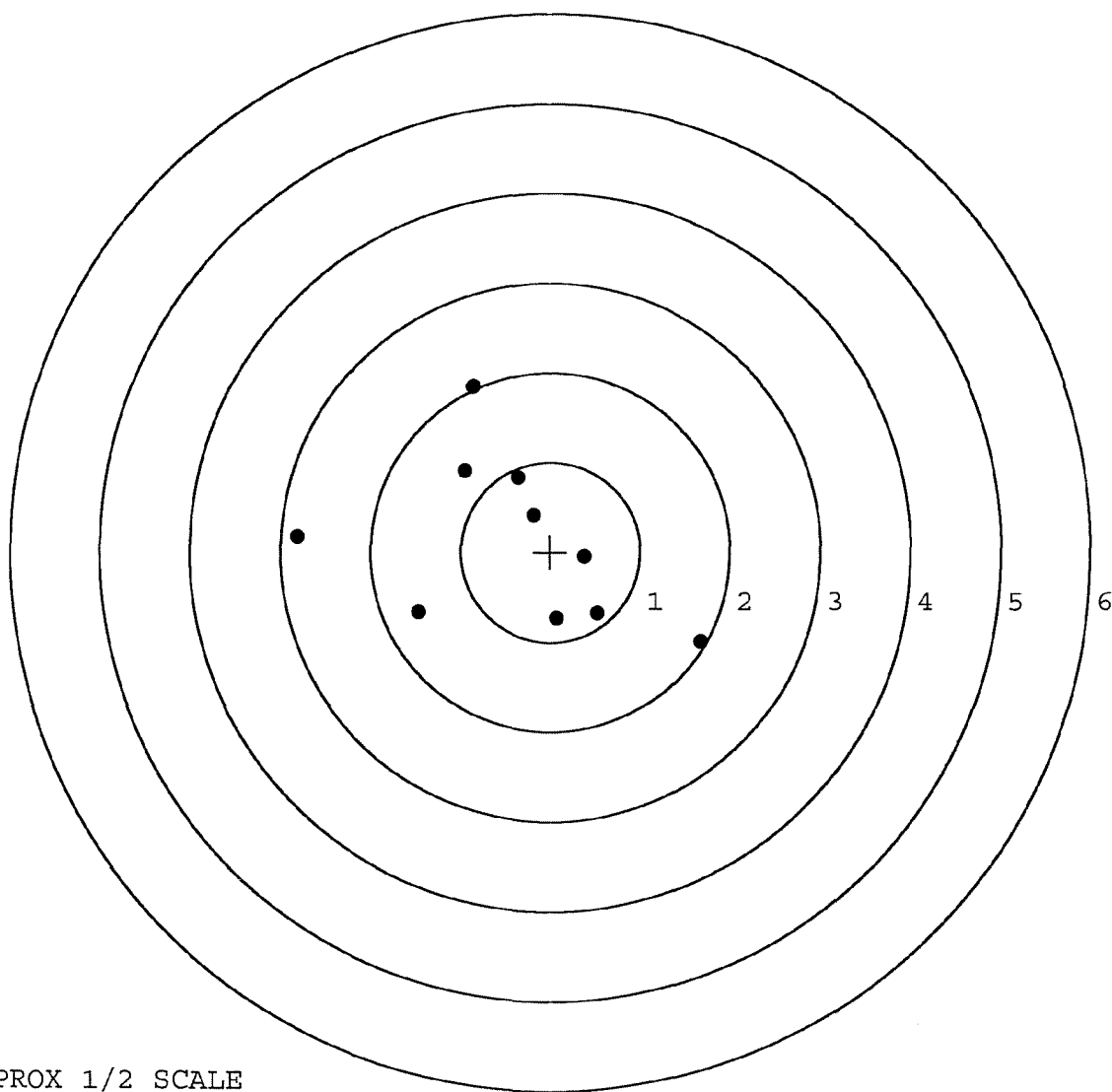
MAX RADIUS: 2.415

MEAN RADIUS: 1.293

# IN 1 IN DIAMETER: 1

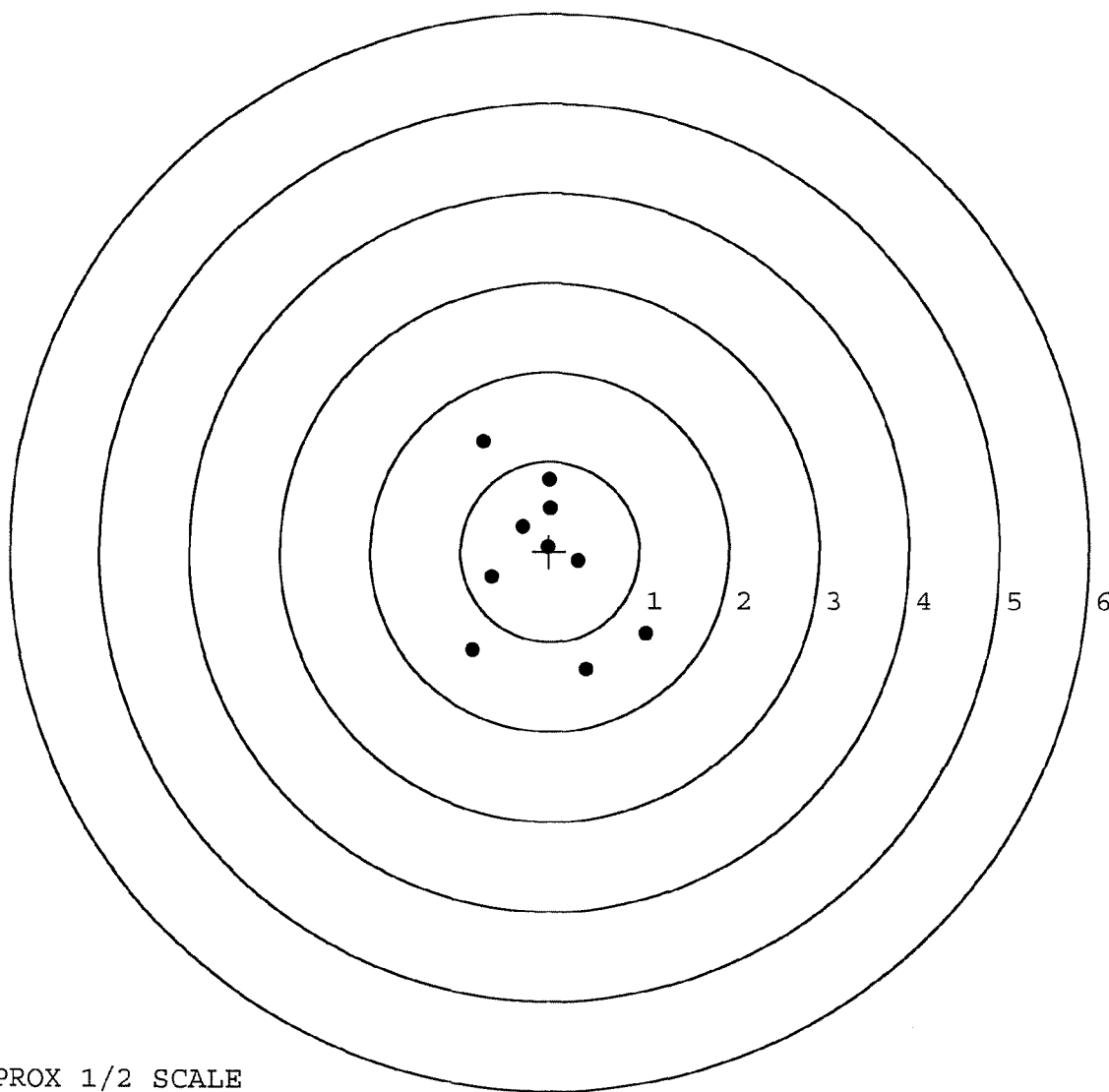
# IN 2 IN DIAMETER: 5

# in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

|                              |        |        |        |
|------------------------------|--------|--------|--------|
| SERIAL NUMBER: C6349224. __0 | POINT# | X      | Y      |
| TARGET NUMBER: 2             | 1:     | 1.068  | -0.919 |
| FILE DATE: 04/22/2005        | 2:     | 0.411  | -1.311 |
| FILE TIME: 03:53             | 3:     | -0.652 | -0.281 |
|                              | 4:     | -0.870 | -1.094 |
| X CENTROID: -0.077           | 5:     | 0.322  | -0.105 |
| Y CENTROID: -0.089           | 6:     | -0.748 | 1.225  |
| POA TO CENTROID: 0.118       | 7:     | 0.004  | 0.794  |
| HORZ SPREAD: 1.938           | 8:     | 0.012  | 0.480  |
| VERT SPREAD: 2.536           | 9:     | -0.301 | 0.276  |
| GROUP SPREAD: 2.810          | 10:    | -0.018 | 0.048  |
| MIN RADIUS: 0.149            |        |        |        |
| MAX RADIUS: 1.475            |        |        |        |
| MEAN RADIUS: 0.853           |        |        |        |
| # IN 1 IN DIAMETER: 3        |        |        |        |
| # IN 2 IN DIAMETER: 6        |        |        |        |
| # in 3 IN DIAMETER: 10       |        |        |        |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349224. \_\_0

TARGET NUMBER: 3

FILE DATE: 04/22/2005

FILE TIME: 03:53

X CENTROID: 0.109

Y CENTROID: 0.092

POA TO CENTROID: 0.143

HORZ SPREAD: 2.175

VERT SPREAD: 1.589

GROUP SPREAD: 2.198

MIN RADIUS: 0.299

MAX RADIUS: 1.275

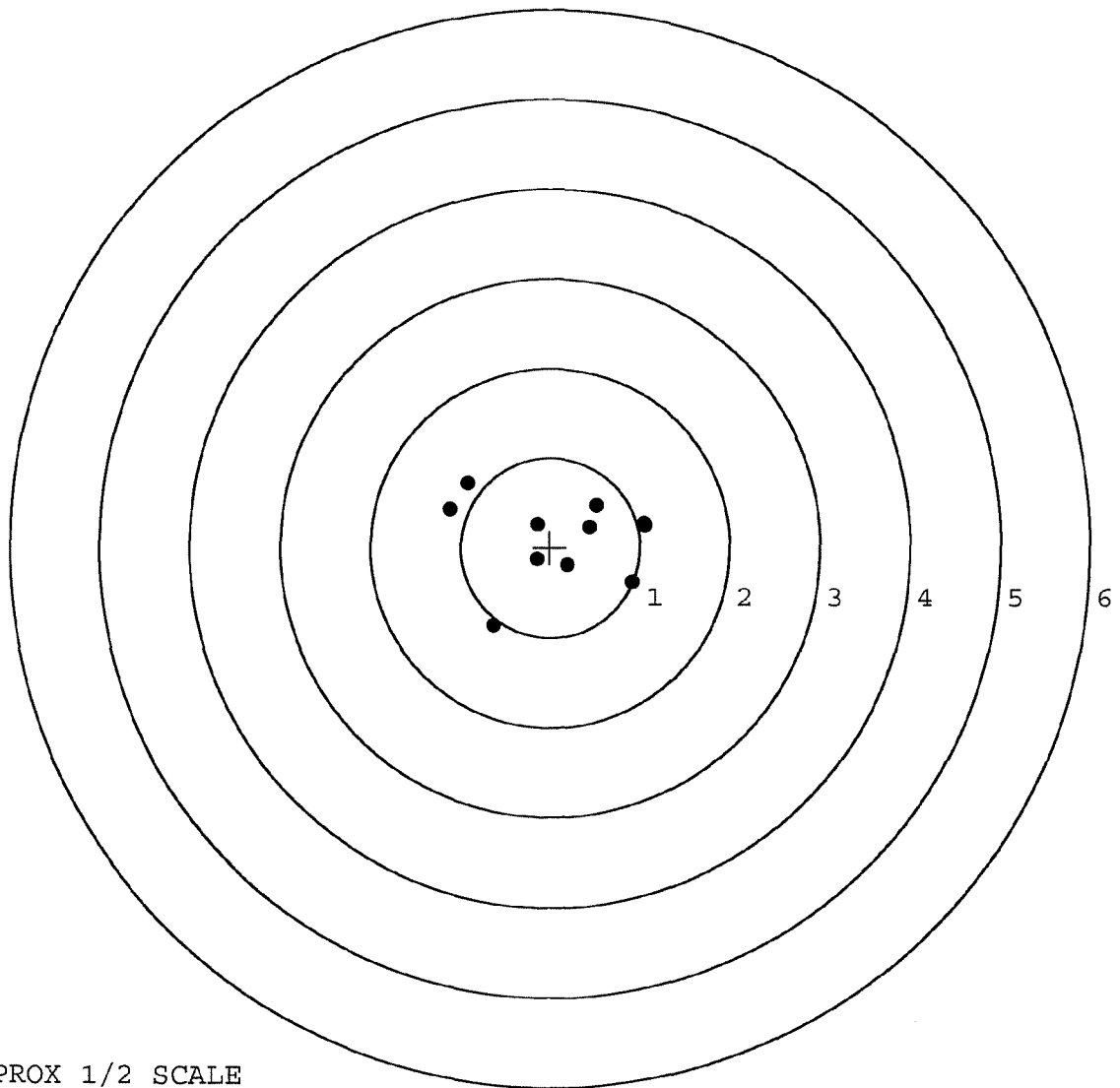
MEAN RADIUS: 0.765

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 11

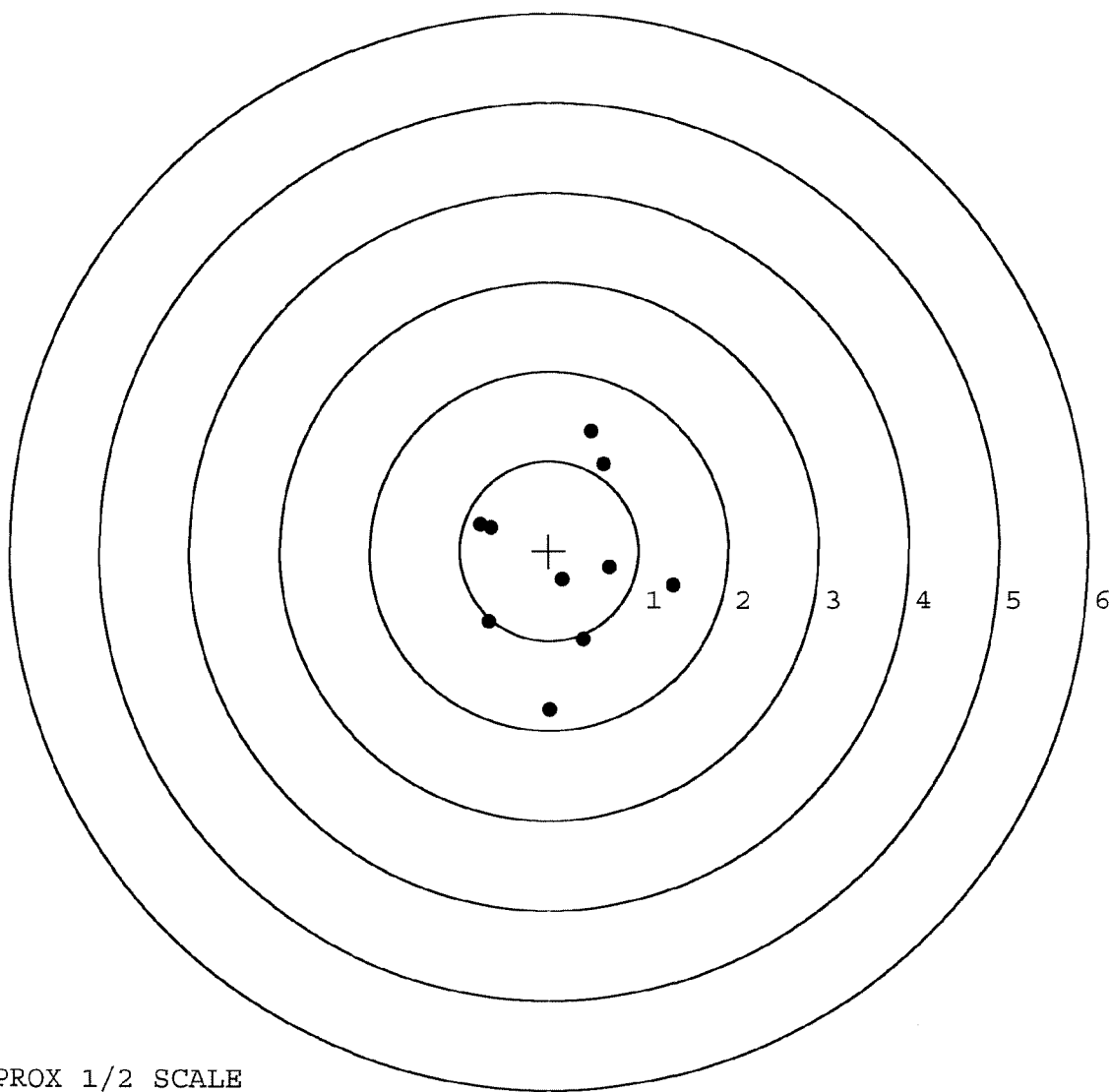
| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.920  | -0.393 |
| 2:     | 1.053  | 0.243  |
| 3:     | 1.045  | 0.270  |
| 4:     | 0.438  | 0.232  |
| 5:     | 0.520  | 0.468  |
| 6:     | -0.922 | 0.717  |
| 7:     | -1.122 | 0.421  |
| 8:     | -0.638 | -0.872 |
| 9:     | 0.194  | -0.199 |
| 10:    | -0.146 | -0.135 |
| 11:    | -0.140 | 0.256  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349224. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 04/22/2005  
FILE TIME: 03:53

|                     | POINT# | X      | Y      |
|---------------------|--------|--------|--------|
|                     | 1:     | 1.381  | -0.392 |
|                     | 2:     | 0.680  | -0.188 |
|                     | 3:     | 0.149  | -0.326 |
|                     | 4:     | 0.384  | -0.987 |
| X CENTROID:         | 5:     | 0.010  | -1.775 |
| Y CENTROID:         | 6:     | -0.679 | -0.792 |
| POA TO CENTROID:    | 7:     | -0.654 | 0.264  |
| HORZ SPREAD:        | 8:     | 0.612  | 0.960  |
| VERT SPREAD:        | 9:     | 0.471  | 1.331  |
| GROUP SPREAD:       | 10:    | -0.778 | 0.294  |
| MIN RADIUS:         |        | 0.165  |        |
| MAX RADIUS:         |        | 1.621  |        |
| MEAN RADIUS:        |        | 1.015  |        |
| # IN 1 IN DIAMETER: |        | 1      |        |
| # IN 2 IN DIAMETER: |        | 4      |        |
| # in 3 IN DIAMETER: |        | 8      |        |

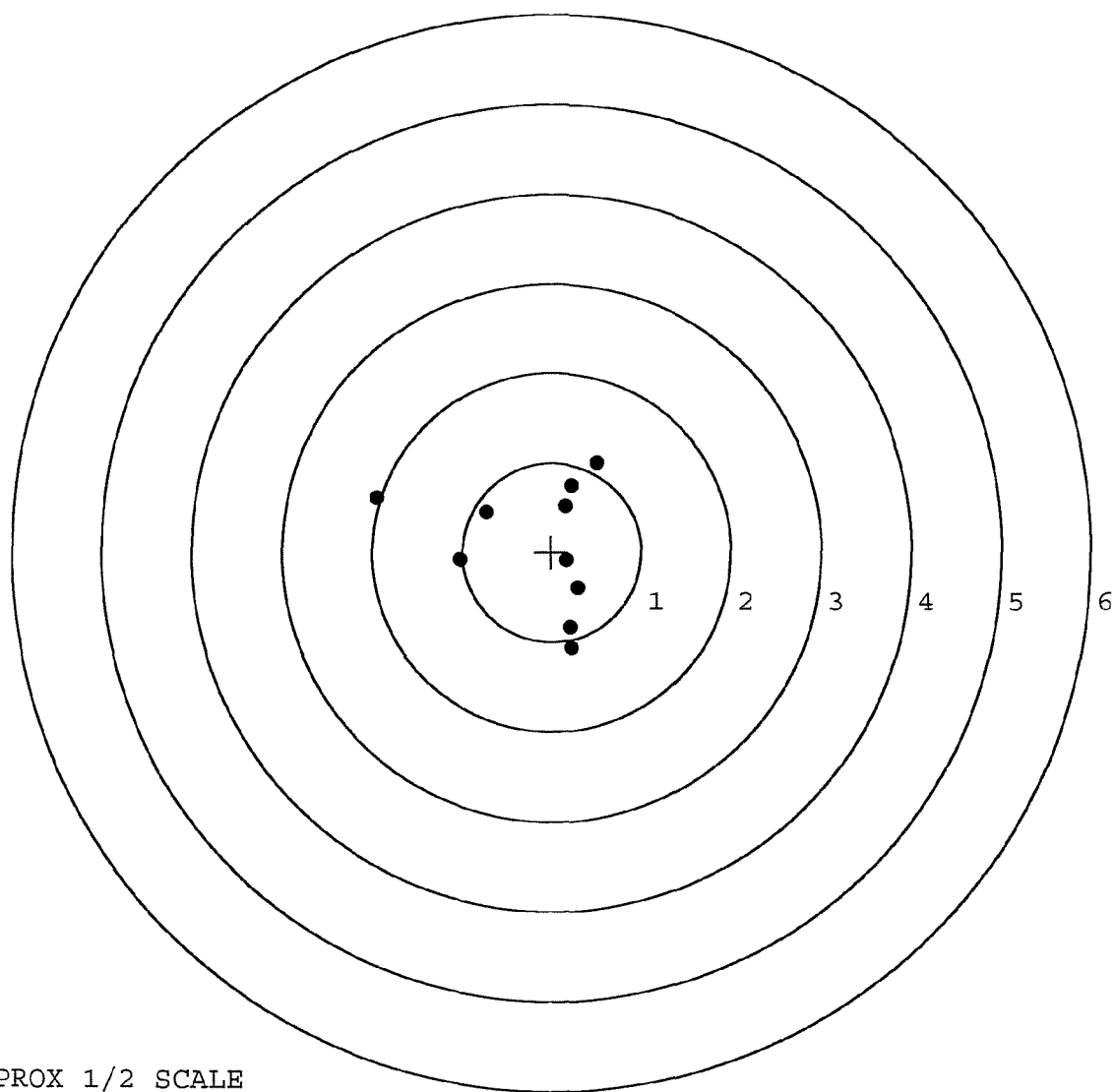


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349224. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 04/22/2005  
FILE TIME: 03:53

X CENTROID: -0.191  
Y CENTROID: 0.082  
POA TO CENTROID: 0.208  
HORZ SPREAD: 2.460  
VERT SPREAD: 2.079  
GROUP SPREAD: 2.754  
MIN RADIUS: 0.404  
MAX RADIUS: 1.838  
MEAN RADIUS: 0.918  
# IN 1 IN DIAMETER: 1  
# IN 2 IN DIAMETER: 6  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.509  | 1.004  |
| 2:     | 0.223  | 0.749  |
| 3:     | 0.159  | 0.517  |
| 4:     | -0.736 | 0.449  |
| 5:     | -1.026 | -0.091 |
| 6:     | -1.951 | 0.611  |
| 7:     | 0.171  | -0.097 |
| 8:     | 0.300  | -0.406 |
| 9:     | 0.212  | -0.843 |
| 10:    | 0.226  | -1.075 |



TARGET APPROX 1/2 SCALE

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

|                     |                    |                     |         |
|---------------------|--------------------|---------------------|---------|
| R & E NUMBER        | 92557              |                     |         |
| SERIAL NUMBER       | C6349224           |                     |         |
| LOG-IN DATE         | 2-7-05             |                     |         |
| INSPECT AND VERIFY: |                    |                     |         |
| OPERATION #         | OPERATION NAME     | DATE                | INITIAL |
| 550                 | DIS-ASSEMBLE GUN   | 3-14-05             | RTZ     |
| 560 A               | RE-BARREL          | 3-17-05             | RTZ     |
| B                   | DRILL AND TAP      | 3-21-05             | TRW     |
| 575                 | ASSEMBLE           | 3-18-05             | RTZ     |
| 600                 | PROOF              | 3-21-05             | AC      |
| 605                 | CHECK HEADSPACE    | 3-21-05             | AC      |
| 610                 | DIS-ASSEMBLE GUN   | 3-21-05             | RTZ     |
| 612                 | MAGNAFLUX          | 3-21-05             | AC      |
| 615                 | ROLLMARK CALIBER   | 3-23-05             | CW      |
| 618                 | ROTO-BLAST         | 3/29                | AC      |
| 620                 | APPLY COATINGS     | 4/5                 | HP      |
| 625 A               | FINAL ASSEMBLY     | 4-14-05             | RTZ     |
| B                   | TRIGGER PULL TEST  |                     |         |
| C                   | SAFETY "ON" FORCE  | 4-26-05             | AC      |
| D                   | SAFETY "OFF" FORCE | 4-26-05             | AC      |
| E                   | FIRING PIN INDENT  | 4-26-05             | AC      |
| 640                 | TARGET             | 4-22-05             | TRW     |
| 655                 | FINAL INSPECT      | 4-26-05             | AC      |
| 660                 | PACK               | 4-27-05             | OA      |
|                     |                    | SHIP DATE           |         |
|                     |                    | QAR INSPECTION DATE |         |

**Remington**



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

**MODEL 700<sup>TM</sup> H24**

**SERIAL NO.**  
C6349224

**ORDER NO.**  
**5716**

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

01



5716 C6349224

**UPC**



0 47700 25716 7

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

M2400110533

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349224

| OP. #        | OP. NAME                                                       | READINGS | DATE    | INIT |
|--------------|----------------------------------------------------------------|----------|---------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 3 31     | 90      | RW   |
| 600          | Proof                                                          | 3 31     | 90      | RW   |
| 607          | Check Headspace                                                | 3 31     | 90      | RW   |
| 610          | Dis-assemble Gun                                               | 3 31     | 90      | RW   |
| 612          | Magnaflux Barrel<br>Action                                     | 4-2-90   |         | KCR  |
|              | Magnaflux Bolt                                                 | 4-2-90   |         | KCR  |
| 615          | Rollmark Caliber                                               | 4-2-90   |         | GL   |
| 617          | Drill and Tap Sight Holes                                      |          | 4/4/90  | FB   |
| 618          | Polish Barrel RWB                                              |          | 4/5/90  | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 4-90    | JS   |
|              | Apply Coating (Bolt)                                           |          |         |      |
| 625          | Final Assembly                                                 |          |         |      |
|              | A) Clean inside of<br>Bolt Assembly                            |          | 5/1/90  | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 5/1/90  | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 5/1/90  | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 5/1/90  | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 5/17/90 | SM   |

| op. #        | OP. NAME                                                    | READINGS |       |       |     | DATE      | INIT      |
|--------------|-------------------------------------------------------------|----------|-------|-------|-----|-----------|-----------|
| 625<br>cont. | F) Safety On Force                                          | 4        | 4     | 4     |     | 5/18/90   | WB        |
|              | G) Safety Off Force                                         | 7 1/2    | 7     | 7     |     | 5/18/90   | WB        |
|              | H) Trigger Pull Test & Retainability                        |          |       |       |     | 5/17/90   | JH        |
|              | I) Firing Pin Indent                                        | .0235    | .0235 | .0235 |     | 5/18/90   | WB        |
|              | J) Assemble Stock                                           |          |       |       |     | 5/19/90   | RW        |
|              | K) Assemble Swivel Studs                                    |          |       |       |     | 25 May 90 | JH        |
|              | L) Attach Front and Rear Sight Assemblies                   |          |       |       |     | 5/19/90   | RW        |
|              | M) Iron Sight Alignment                                     |          |       |       |     | 5/19/90   | RW        |
|              | N) Detach Front & Rear Sights & place in numbered container |          |       |       |     | 5/19/90   | RW        |
|              | O) Attach Scope to Rifle                                    |          |       |       |     | 5/19/90   | WB        |
|              | P) Detach & Attach Scope 20 Times                           |          |       |       |     | 5/19/90   | WB        |
| 640          | Gallery Target & Test                                       |          |       |       |     | 5-19-90   | DH        |
|              | A) Time                                                     |          |       |       |     | 5-19-90   | DH        |
|              | B) Malfunctions                                             |          |       |       |     | 5-19-90   | DH        |
|              | C) Pierced Primers                                          |          |       |       |     | 5-19-90   | DH        |
|              | D) Optical Clarity of Scope                                 |          |       |       |     | 5-19-90   | DH        |
| 645          | Inspect for Live Ammo                                       |          |       |       |     | 5-19-90   | DH        |
| 655          | Final Inspection                                            |          |       |       |     |           |           |
|              | A) Headspace                                                |          |       |       |     | 25 May 90 | JH        |
|              | B) Trigger Pull                                             | 221      | 210   | 217   | 216 | 212       | 25 May 90 |
|              | C) Function                                                 |          |       |       |     | 25 May 90 | JH        |
| 660          | Pack                                                        |          |       |       |     | 6/20/90   | DH        |

## SWS TRIGGER PULL TEST

1141

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6349224DATE 5-17-90TESTER JRL

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>1 TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|----------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.45             | 2.39                     | 2.18                             | 2.21 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.30             | 2.34                     | 2.20                             | 2.10 |                                                                        |
| PULL #3 | 2.26             | 2.21                     | 2.25                             | 2.17 |                                                                        |
| PULL #4 | 2.31             | 2.30                     | 2.40                             | 2.16 |                                                                        |
| PULL #5 | 2.24             | 2.40                     | 2.20                             | 2.12 |                                                                        |
| TOTAL   | 11.56            | 11.64                    | 11.23                            |      |                                                                        |
| AVG.    | 2.312            | 2.328                    | 2.246                            |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.45             | 3.14                     |  |          |
| PULL #2 | 3.50             | 3.18                     |  |          |
| PULL #3 | 3.24             | 3.35                     |  |          |
| PULL #4 | 3.31             | 3.29                     |  |          |
| PULL #5 | 3.44             | 3.27                     |  |          |
| TOTAL   | 16.94            | 16.23                    |  |          |
| AVG.    | 3.388            | 3.246                    |  |          |

|         | 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 | 4.22             | 4.16                     |                                | 4.33                                 |
| PULL #2 | 4.13             | 4.16                     |                                | 4.30                                 |
| PULL #3 | 4.14             | 4.17                     |                                | 4.42                                 |
| PULL #4 | 4.15             | 4.20                     |                                | 4.22#                                |
| PULL #5 | 4.22             | 4.11                     |                                | 4.21                                 |
| TOTAL   | 20.86            | 20.80                    |                                | 21.48                                |
| AVG.    | 4.172            | 4.16                     |                                | 4.296                                |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6349224  
21 May 1990

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .856152 |
| 1 TO | 2 | .491253 |
| 1 TO | 3 | .397646 |
| 1 TO | 4 | .218289 |
| 1 TO | 5 | .210858 |

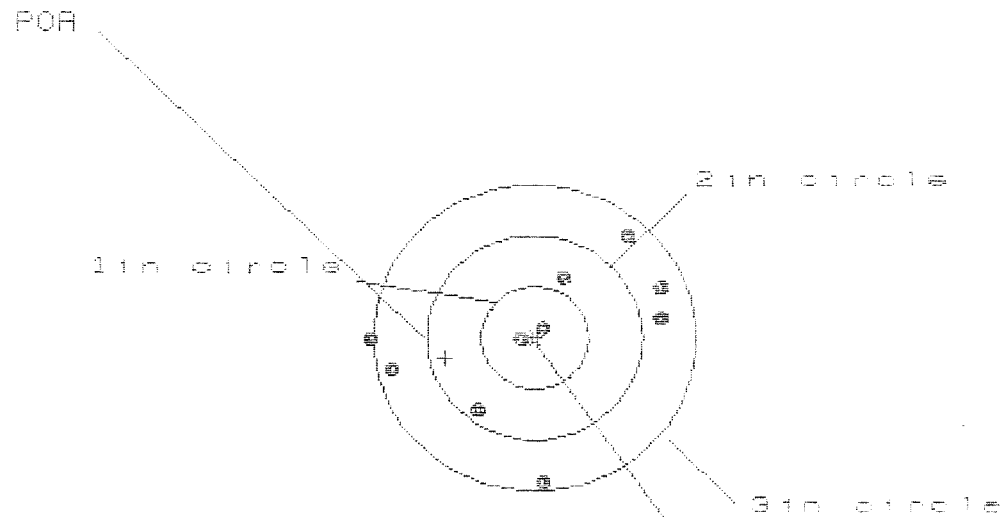
+  $2^{4.5}$  <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .8524  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .142  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .864147  
THE AMR FOR THIS RIFLE IS: .9202

21 May 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/06349824

# CENTERFIRE PATTERNS # 1



# OF SHOTS - 10

# IN CIR

1in = 2

2in = 4

3in = 8

MEAN = 2.726

VB = 2.340

CE = 2.732

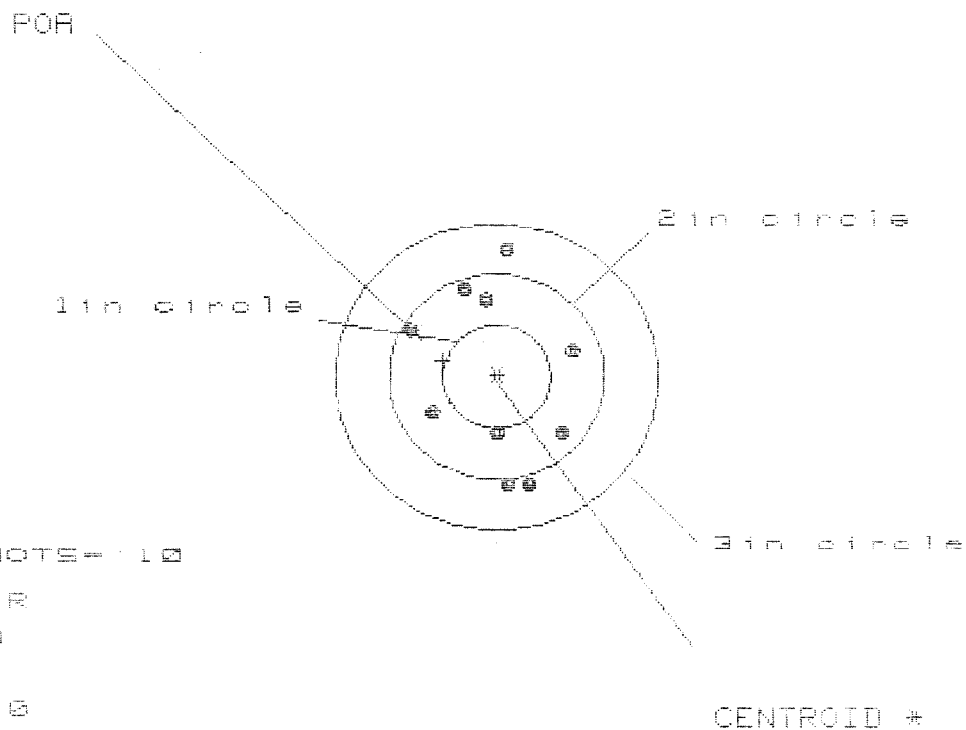
CENTROID #

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 1      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.212  | 1.044  | .853   |
| MINIMUM X                   | : | -1.514 | -1.528 | -.891  |
| MAXIMUM Y                   | : | .954   | .956   | .919   |
| MINIMUM Y                   | : | -1.386 | -1.384 | -1.421 |
| CENTROID X                  | : | .831   | .999   | 1.190  |
| CENTROID Y                  | : | .206   | .204   | .241   |
| POA TO CENTROID in.         | : | .856   | 1.019  | 1.314  |
| MIN RADIUS                  | : | .152   | .153   | .271   |
| MEAN RADIUS                 | : | .991   | .929   | .851   |
| MAX RADIUS                  | : | 1.514  | 1.557  | 1.454  |
| HORIZONTAL SPREAD           | : | 2.726  | 2.572  | 1.744  |
| VERTICAL SPREAD             | : | 2.340  | 2.340  | 2.340  |
| EXTREME SPREAD              | : | 2.732  | 2.621  | 2.464  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

21 May 1990

FILE:/PATTERNING/CENTERFIRE\_PATT/06349224

# CENTERFIRE PATTERNS # 2



# OF SHOTS= 10

# IN CIR

1in = 0

2in = 7

3in = 10

HS= 1.511

VS= 2.346

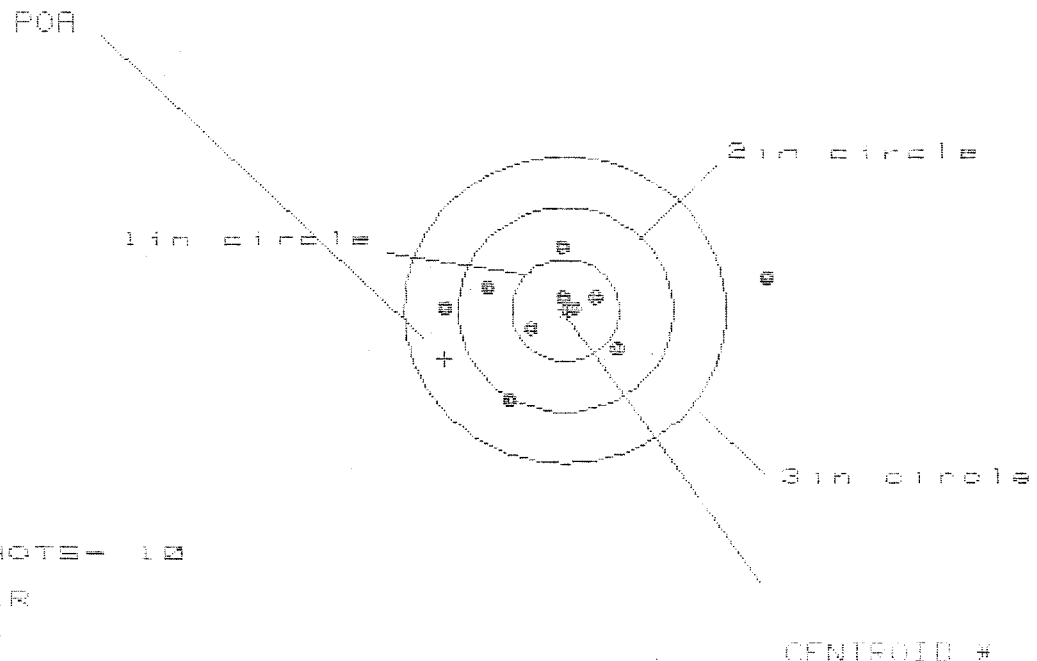
GS= 2.346

|                             |   |        |       |       |
|-----------------------------|---|--------|-------|-------|
| PATTERN #                   | : | 2      |       |       |
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | .695   | .709  | .729  |
| MINIMUM X                   | : | -.816  | -.802 | -.782 |
| MAXIMUM Y                   | : | 1.274  | .999  | .883  |
| MINIMUM Y                   | : | -1.073 | -.931 | -.978 |
| CENTROID X                  | : | .500   | .486  | .466  |
| CENTROID Y                  | : | -.157  | -.298 | -.182 |
| POB TO CENTROID in.         | : | .524   | .570  | .500  |
| MIN RADIUS                  | : | .589   | .447  | .554  |
| MEAN RADIUS                 | : | .893   | .833  | .819  |
| MAX RADIUS                  | : | 1.280  | 1.050 | 1.041 |
| HORIZONTAL SPREAD           | : | 1.511  | 1.511 | 1.511 |
| VERTICAL SPREAD             | : | 2.346  | 1.930 | 1.861 |
| EXTREME SPREAD              | : | 2.346  | 1.989 | 1.974 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 0     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10    |       |

21 May 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/08349824

# CENTERFIRE PATTERNS # 3



# OF SHOTS - 10

# IN CIR

1in = 4

2in = 7

3in = 9

HS = 3.032

VS = 1.535

GS = 3.057

|                             |   |        |       |       |
|-----------------------------|---|--------|-------|-------|
| PATTERN #                   | : | 3      |       |       |
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | 1.898  | .718  | .688  |
| MINIMUM X                   | : | -1.134 | -.924 | -.672 |
| MAXIMUM Y                   | : | .631   | .672  | .675  |
| MINIMUM Y                   | : | -.904  | -.863 | -.860 |
| CENTROID X                  | : | 1.122  | .912  | 1.027 |
| CENTROID Y                  | : | .477   | .436  | .433  |
| POA TO CENTROID in.         | : | 1.219  | 1.010 | 1.115 |
| MIN RADIUS                  | : | .128   | .199  | .195  |
| MEAN RADIUS                 | : | .717   | .585  | .524  |
| MAX RADIUS                  | : | 1.933  | .924  | .955  |
| HORIZONTAL SPREAD           | : | 3.032  | 1.642 | 1.275 |
| VERTICAL SPREAD             | : | 1.535  | 1.535 | 1.535 |
| EXTREME SPREAD              | : | 3.057  | 1.688 | 1.626 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 4     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9     |       |

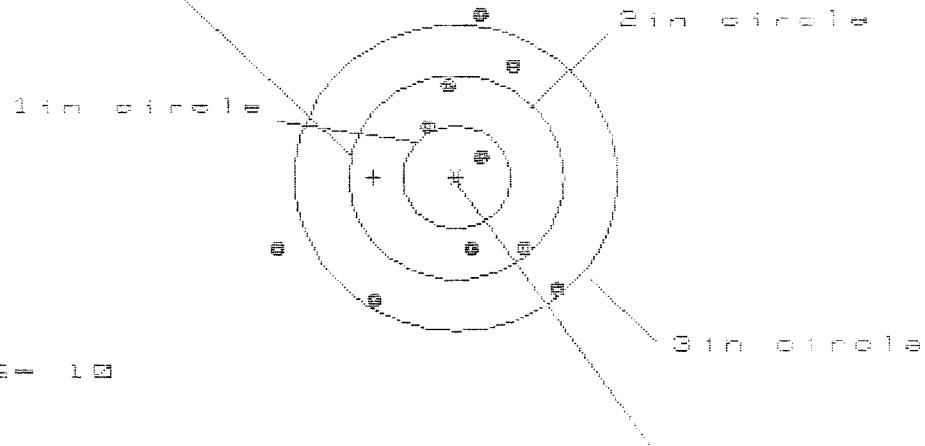
21 May 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/08345224

# CENTERFIRE PATTERNS

# 4

POA



# OF SHOTS= 10

# IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.846

VS= 2.823

GS= 3.000

CENTROID #

| PATTERN #                     | 4      | 9      | 8      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | .962   | .775   | .783   |
| MINIMUM X                     | -1.604 | -.953  | -.945  |
| MAXIMUM Y                     | 1.603  | 1.527  | 1.249  |
| MINIMUM Y                     | -1.220 | -1.296 | -1.105 |
| CENTROID X                    | .768   | .955   | .947   |
| CENTROID Y                    | -.003  | .074   | -.117  |
| POA TO CENTROID in.           | .768   | .958   | .954   |
| MIN RADIUS                    | .308   | .142   | .332   |
| MEAN RADIUS                   | 1.102  | .993   | .932   |
| MAX RADIUS                    | 1.818  | 1.608  | 1.454  |
| HORIZONTAL SPREAD             | 2.646  | 1.728  | 1.728  |
| VERTICAL SPREAD               | 2.823  | 2.823  | 2.354  |
| EXTREME SPREAD                | 3.000  | 3.000  | 2.694  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 5      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 8      |        |        |

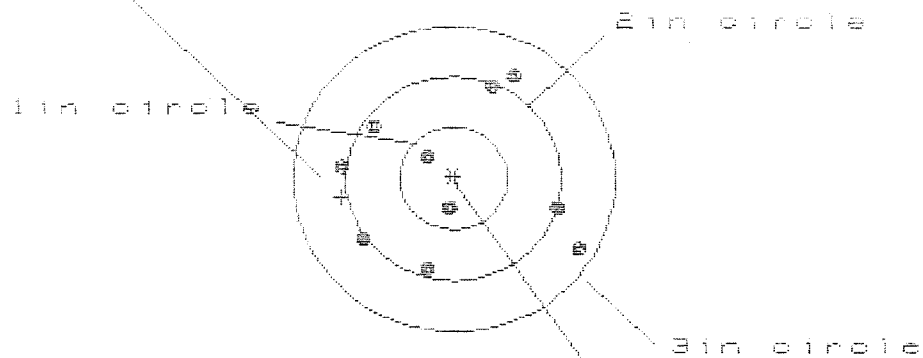
21 May 1938

FILE:/PATTERNING/CENTERFIRE\_PATT/C6349224

# CENTERFIRE PATTERNS

# 5

FOR



# OF SHOTS = 10

# IN CIR

1 in = 2

2 in = 5

3 in = 3

HS = 2.176

VS = 1.933

CS = 2.323

CENTROID \*

|                             |   |        |        |       |
|-----------------------------|---|--------|--------|-------|
| PATTERN #                   | : | 5      |        |       |
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.140  | 1.050  | 1.141 |
| MINIMUM X                   | : | -1.036 | -.910  | -.819 |
| MAXIMUM Y                   | : | .999   | .922   | .990  |
| MINIMUM Y                   | : | -.934  | -1.011 | -.896 |
| CENTROID X                  | : | 1.041  | .915   | .824  |
| CENTROID Y                  | : | .187   | .264   | .149  |
| FOR TO CENTROID in.         | : | 1.058  | .952   | .808  |
| MIN RADIUS                  | : | .316   | .191   | .289  |
| MEAN RADIUS                 | : | .898   | .830   | .775  |
| MAX RADIUS                  | : | 1.338  | 1.173  | 1.158 |
| HORIZONTAL SPREAD           | : | 2.176  | 1.960  | 1.960 |
| VERTICAL SPREAD             | : | 1.933  | 1.933  | 1.886 |
| EXTREME SPREAD              | : | 2.323  | 2.148  | 1.991 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |       |