

C6348876

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

\*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: RE00136590

Serial: C6348876 Model M24 SWS Center Fire  
Caliber: 7.62 NATO

Repairman:

Status: Closed 11/9/2007 8:17:18 AM

Verify Repair

## Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: 1/1 ADA 1/1 ADA

Address 1: LONGKNIFE LONGKNIFE

Address 2: PO Box: PO Box:

City: FORT BLISS FORT BLISS

State: TX Zip Code: 79916 Country: US State: TX Zip Code: 79916 Country: US

FFL:

## Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

## Contact Information

Phone: NN

Fax:

Email:

Comments:

## Received Condition

Fair

Condition  
Notes:CSR  
Notes:

## Accessories Received

| Code | Desc                  | Qty |
|------|-----------------------|-----|
| A007 | With Stud             | 3   |
| A010 | Hard Case             | 1   |
| A017 | Scope Base            | 1   |
| A026 | Scope                 | 1   |
| A045 | Bi Pod                | 1   |
| A057 | Fit and Rear Sgt Base | 1   |
| D000 | SCOPE CASE            | 1   |

Repair Search

Refresh

Close

nagletj

11/9/2007

9:14 AM

CAPS

NUM

INS

SCRL



Reset

Serial Number: C6348876

Model: M24 SWS



RE00136590

R & E NUMBER 136590SERIAL NUMBER C6348876LOG-IN DATE 11-9-07

| OPERATION # | OPERATION NAME       | DATE                             | INITIAL |
|-------------|----------------------|----------------------------------|---------|
| 500         | DIS-ASSEMBLE GUN     | 2-4-08                           | RTZ     |
| 505         | RE-BARREL            | 2-5-08                           | L.P.D.  |
| 560         | ASSEMBLE             | 2-5-08                           | L.P.D.  |
| 600         | PROOF                | 2-6-08                           | TRW     |
| 605         | CHECK HEADSPACE      | 2-6-08                           | TRW     |
| 610         | DIS-ASSEMBLE GUN     | 2-6-08                           | L.P.D.  |
| 612         | MAGNAFLUX            | 2-7-08                           | unab    |
| 510         | DRILL AND TAP        | 2-6-08                           | TRW     |
| 615         | ROLLMARK CALIBER     | 2-6-08                           | CW      |
| 618         | ROTO-BLAST           | 2-7-08                           | DG      |
| 620         | APPLY COATINGS       | 2-11-08                          | LV7     |
| 625         | FINAL ASSEMBLY       | 2-13-08                          | RTZ     |
| 640         | FUNCTION TEST AND    | 2-14-08                          | TRW     |
| 650         | TARGET               | 2-14-08                          | TRW     |
|             | MALFUNCTION          | CORRECTION                       |         |
|             | MALFUNCTION          | CORRECTION                       |         |
|             | MALFUNCTION          | CORRECTION                       |         |
|             | MALFUNCTION          | CORRECTION                       |         |
| 670         | FINAL INSPECTION     | 2-14-08                          | R.P.    |
|             | A) HEADSPACE         | 2-21-08                          | DP      |
|             |                      | 2-19-08                          | TRW     |
|             | B) TRIGGER PULL      | 2.36 2.45 2.46 2.44 2.48 2.19-08 | TRW     |
| 680         | F) SAFETY ON FORCE   | 7.0 6.75 6.75 2.19-08            | TRW     |
|             | G) SAFETY OFF FORCE  | 3.5 3.0 3.25 2.19-08             | TRW     |
|             | I) FIRING PIN INDENT | .0225 .023 .0235 2.19-08         | TRW     |
| 690         | PACK                 | 10/17/08                         | Em      |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348876.\_\_\_0  
FILE DATE AND TIME: 02/15/2008 11:00

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.020  |
| The Average Y Centroid of the Five Target Set:              | -0.007 |
| The Average Point of Impact of the Five Target Set:         | 0.021  |
| The Average Mean Radius of the Five Target Set:             | 0.775  |
| The Distance from POA to Centroid Target #1:                | 0.158  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.146  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.221  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.280  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.255  |

SERIAL NUMBER: C6348876. \_\_0

TARGET NUMBER: 1

FILE DATE: 02/15/2008

FILE TIME: 11:00

X CENTROID: -0.103

Y CENTROID: 0.120

POA TO CENTROID: 0.158

HORZ SPREAD: 2.297

VERT SPREAD: 3.179

GROUP SPREAD: 3.382

MIN RADIUS: 0.263

MAX RADIUS: 2.025

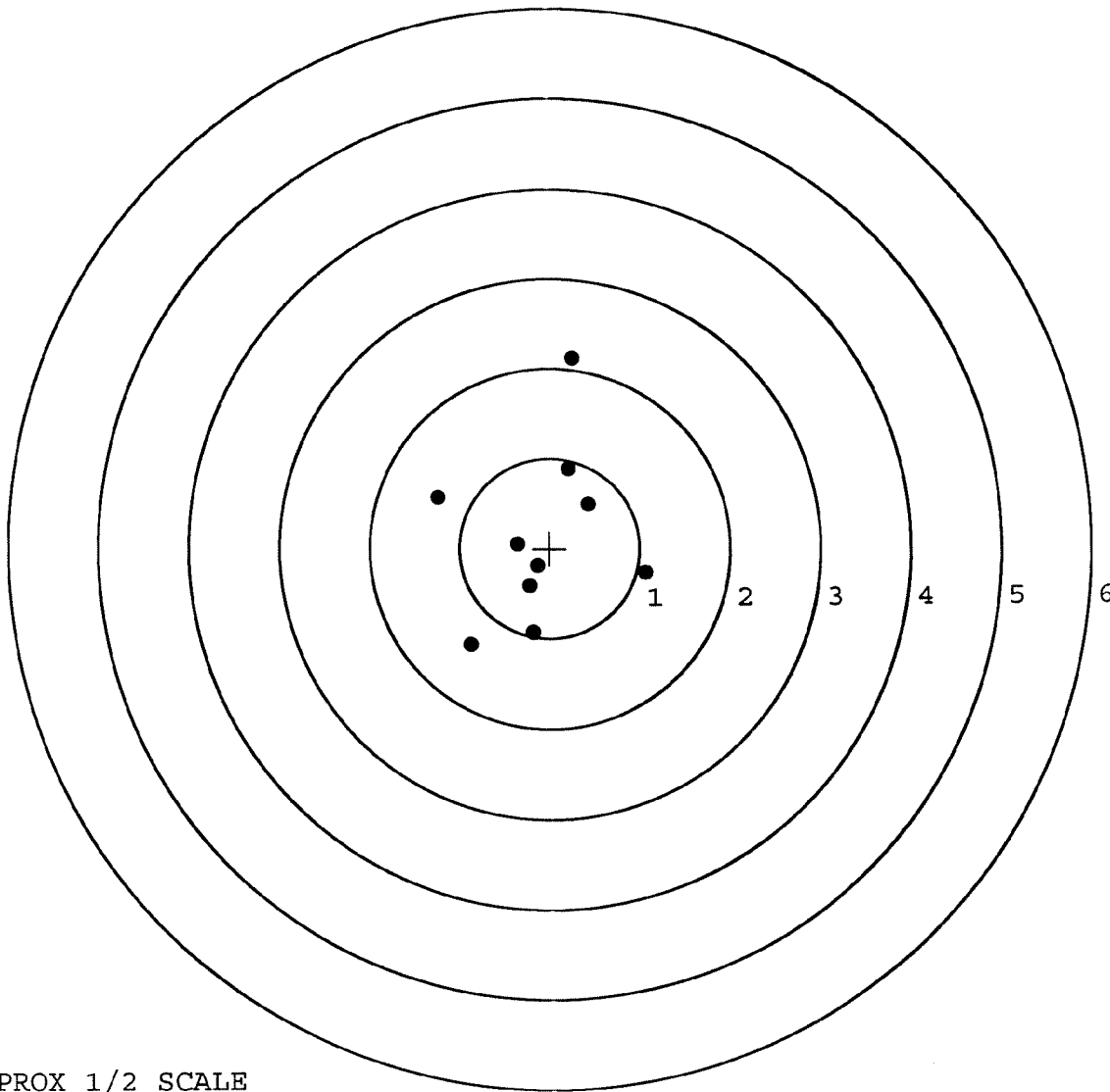
MEAN RADIUS: 0.959

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 5

# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.060  | -0.275 |
| 2:     | -0.188 | -0.943 |
| 3:     | -0.881 | -1.069 |
| 4:     | -0.224 | -0.424 |
| 5:     | -0.134 | -0.199 |
| 6:     | -0.356 | 0.049  |
| 7:     | 0.438  | 0.487  |
| 8:     | 0.218  | 0.886  |
| 9:     | -1.237 | 0.580  |
| 10:    | 0.272  | 2.110  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348876. 0

TARGET NUMBER: 2

FILE DATE: 02/15/2008

FILE TIME: 11:00

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.503  | -0.881 |
| 2:     | 0.237  | -0.408 |
| 3:     | -0.690 | -1.388 |
| 4:     | -0.974 | 0.066  |
| 5:     | 0.033  | -0.023 |
| 6:     | -0.066 | 0.035  |
| 7:     | -0.247 | 0.089  |
| 8:     | -0.018 | 0.710  |
| 9:     | 1.865  | 0.255  |
| 10:    | -0.658 | 1.701  |

X CENTROID: -0.001

Y CENTROID: 0.016

POA TO CENTROID: 0.016

HORZ SPREAD: 2.839

VERT SPREAD: 3.089

GROUP SPREAD: 3.038

MIN RADIUS: 0.052

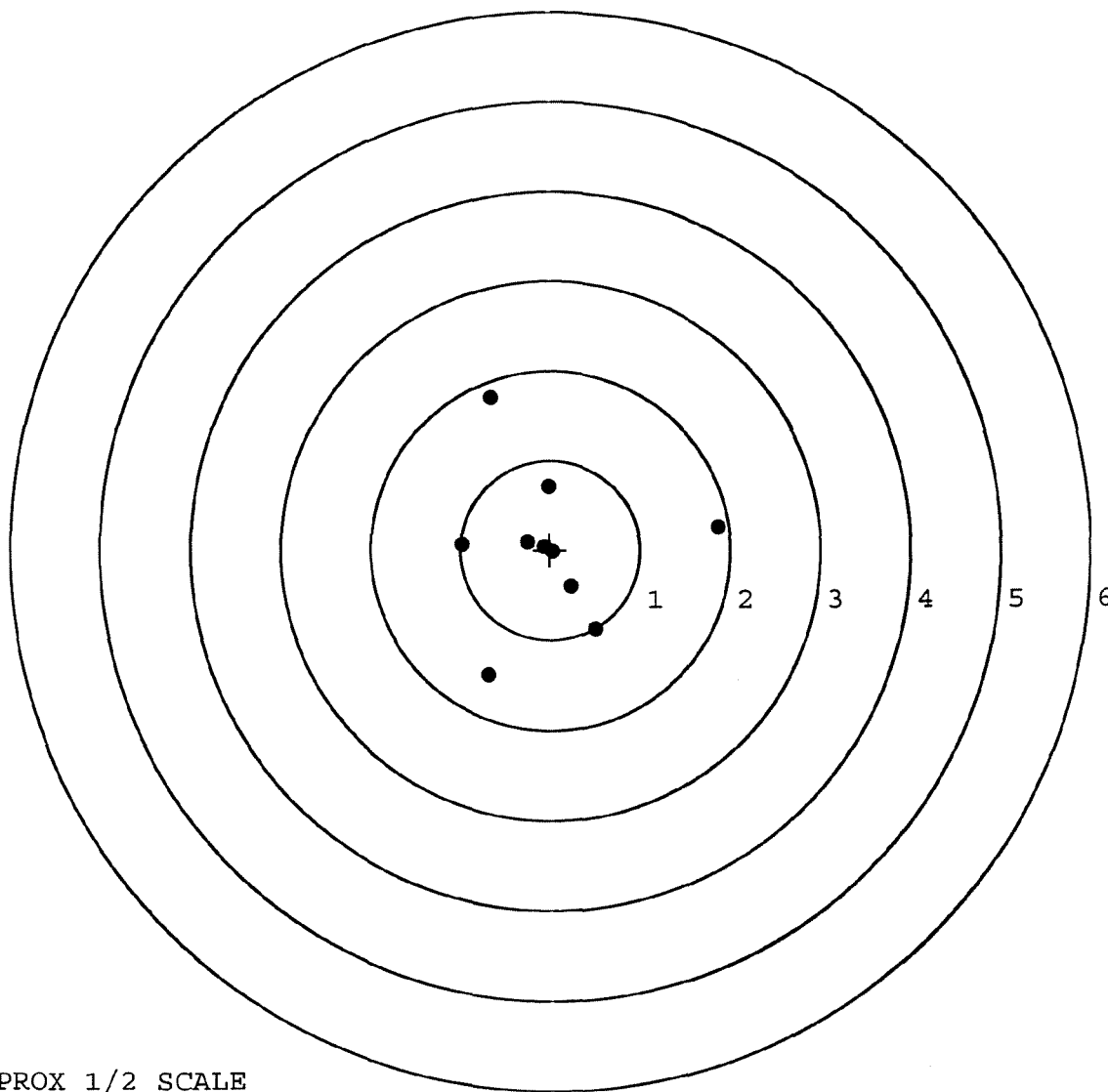
MAX RADIUS: 1.882

MEAN RADIUS: 0.881

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348876. \_\_0

TARGET NUMBER: 3

FILE DATE: 02/15/2008

FILE TIME: 11:00

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.336  | -1.034 |
| 2:     | -0.522 | -1.239 |
| 3:     | 0.035  | -0.594 |
| 4:     | 0.928  | 0.049  |
| 5:     | 0.090  | 0.056  |
| 6:     | -0.759 | 0.190  |
| 7:     | -0.392 | 0.661  |
| 8:     | 0.148  | 1.011  |
| 9:     | 0.548  | 0.688  |
| 10:    | 0.512  | 0.386  |

X CENTROID: 0.092

Y CENTROID: 0.017

POA TO CENTROID: 0.094

HORZ SPREAD: 1.687

VERT SPREAD: 2.250

GROUP SPREAD: 2.348

MIN RADIUS: 0.039

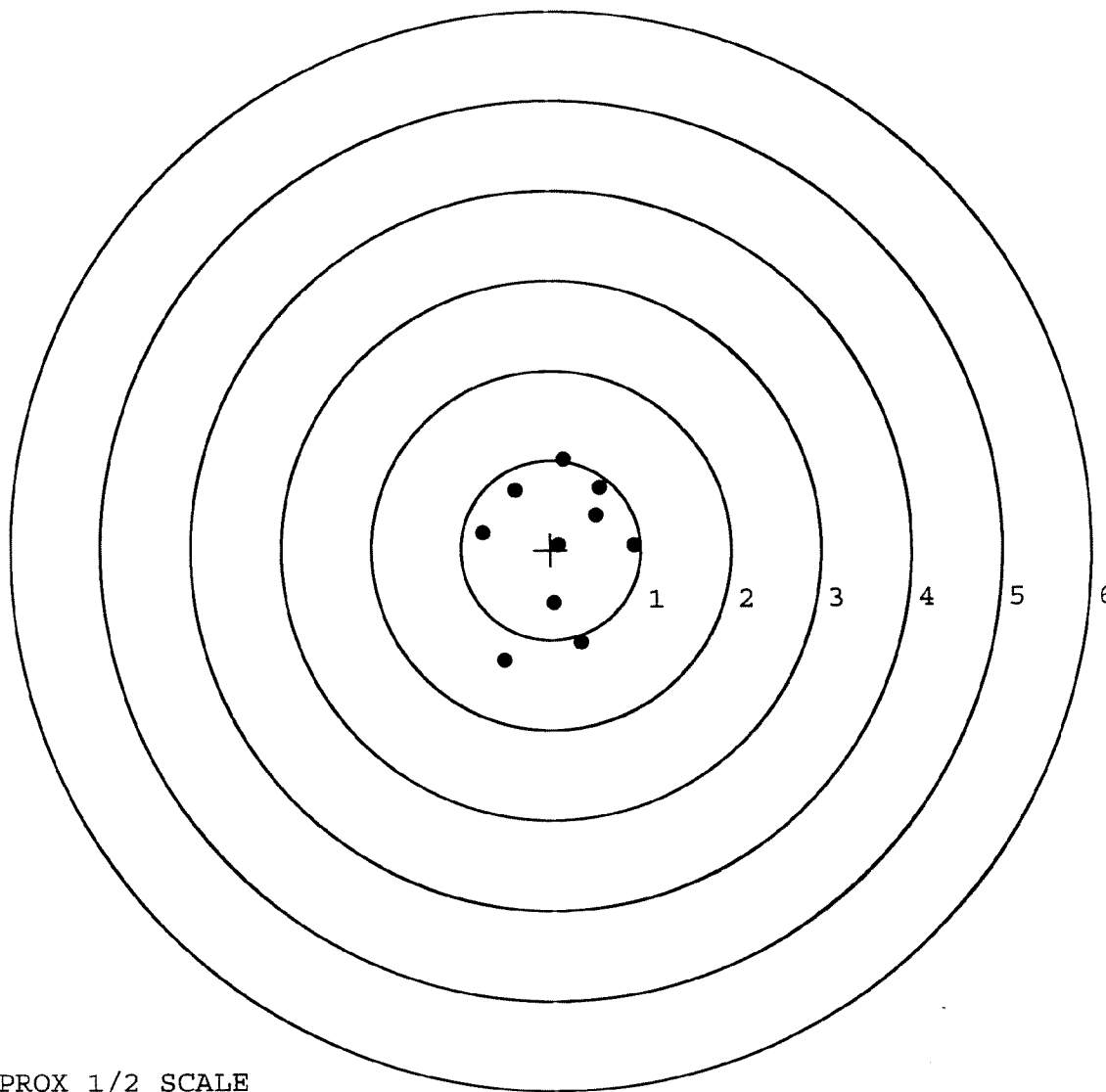
MAX RADIUS: 1.399

MEAN RADIUS: 0.801

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348876. 0

TARGET NUMBER: 4

FILE DATE: 02/15/2008

FILE TIME: 11:00

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.104  | -0.882 |
| 2:     | -0.386 | -0.893 |
| 3:     | 0.473  | -0.426 |
| 4:     | 0.008  | -0.398 |
| 5:     | -0.797 | -0.363 |
| 6:     | 0.366  | 0.053  |
| 7:     | 0.492  | 0.217  |
| 8:     | 0.118  | 0.345  |
| 9:     | -0.428 | 0.519  |
| 10:    | -0.231 | 0.844  |

X CENTROID: 0.072

Y CENTROID: -0.098

POA TO CENTROID: 0.122

HORZ SPREAD: 1.901

VERT SPREAD: 1.737

GROUP SPREAD: 2.182

MIN RADIUS: 0.306

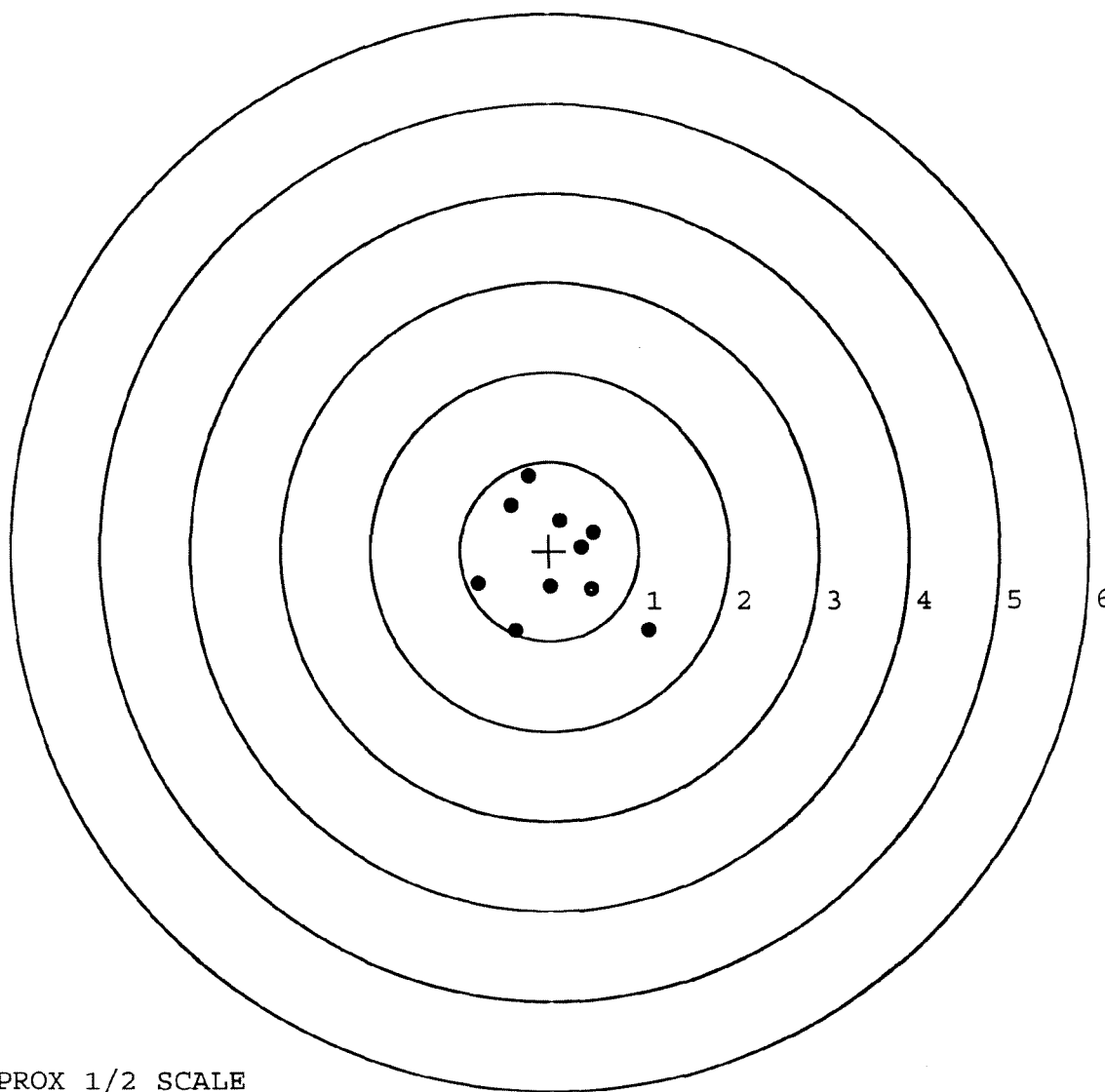
MAX RADIUS: 1.296

MEAN RADIUS: 0.703

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



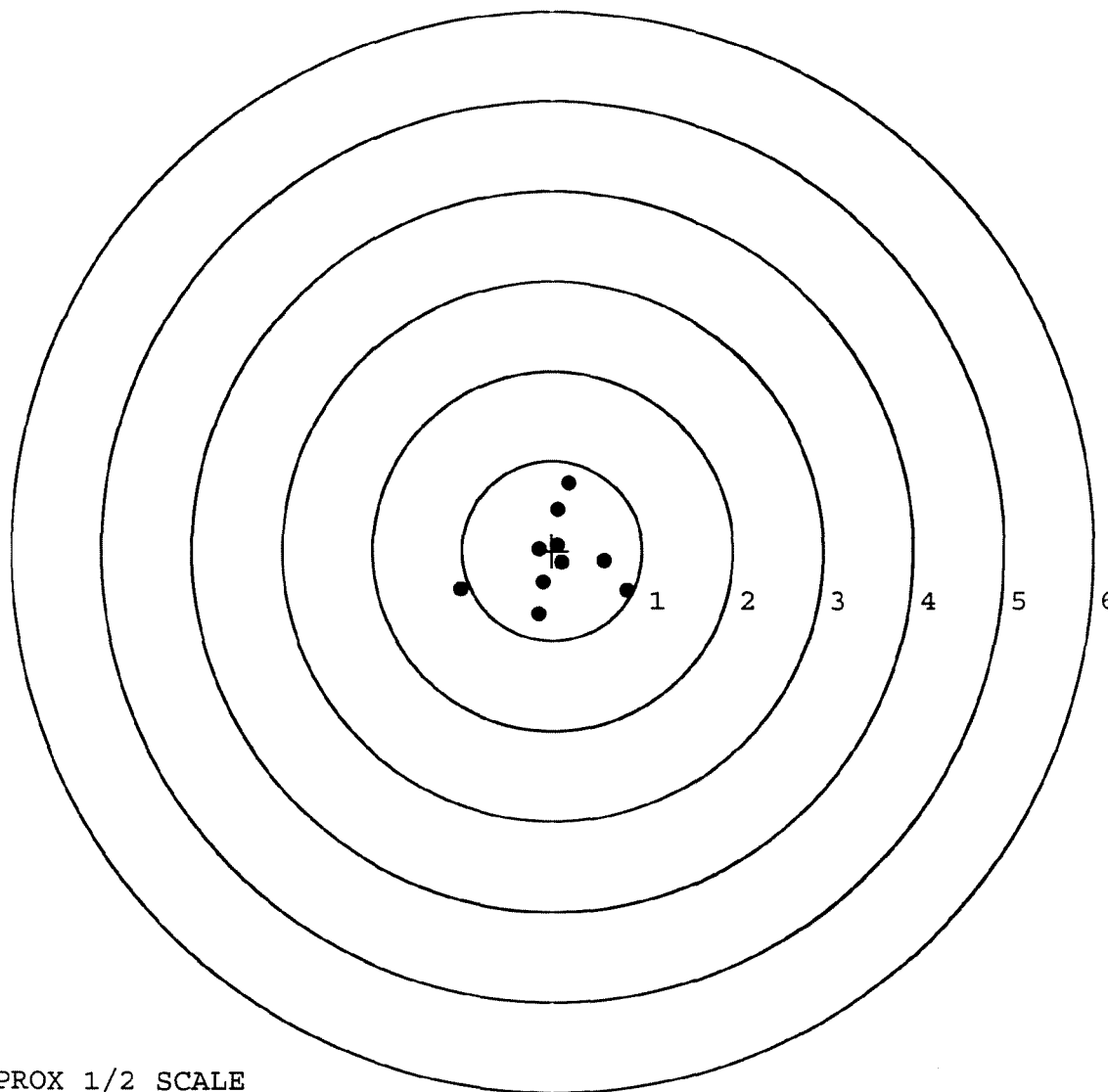
TARGET APPROX 1/2 SCALE



SERIAL NUMBER: C6348876. \_\_0  
 TARGET NUMBER: 5  
 FILE DATE: 02/15/2008  
 FILE TIME: 11:00

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.830  | -0.440 |
| 2:     | 0.580  | -0.108 |
| 3:     | 0.188  | 0.753  |
| 4:     | 0.065  | 0.460  |
| 5:     | -1.015 | -0.434 |
| 6:     | -0.149 | -0.712 |
| 7:     | -0.105 | -0.357 |
| 8:     | 0.112  | -0.137 |
| 9:     | 0.060  | 0.063  |
| 10:    | -0.146 | 0.019  |

X CENTROID: 0.042  
 Y CENTROID: -0.089  
 POA TO CENTROID: 0.099  
 HORZ SPREAD: 1.845  
 VERT SPREAD: 1.465  
 GROUP SPREAD: 1.845  
 MIN RADIUS: 0.085  
 MAX RADIUS: 1.112  
 MEAN RADIUS: 0.533  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Serial Number: C6348876

Model: M24 SWS



RE00092475

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348876.\_\_0  
FILE DATE AND TIME: 05/06/2005 07:23

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.056 |
| The Average Y Centroid of the Five Target Set:              | -0.078 |
| The Average Point of Impact of the Five Target Set:         | 0.096  |
| The Average Mean Radius of the Five Target Set:             | 1.105  |
| The Distance from POA to Centroid Target #1:                | 0.588  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.596  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.558  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.800  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 1.090  |

SERIAL NUMBER: C6348876. 0

TARGET NUMBER: 1

FILE DATE: 05/06/2005

FILE TIME: 07:23

X CENTROID: -0.433

Y CENTROID: 0.398

POA TO CENTROID: 0.588

HORZ SPREAD: 2.352

VERT SPREAD: 2.987

GROUP SPREAD: 3.545

MIN RADIUS: 0.431

MAX RADIUS: 2.235

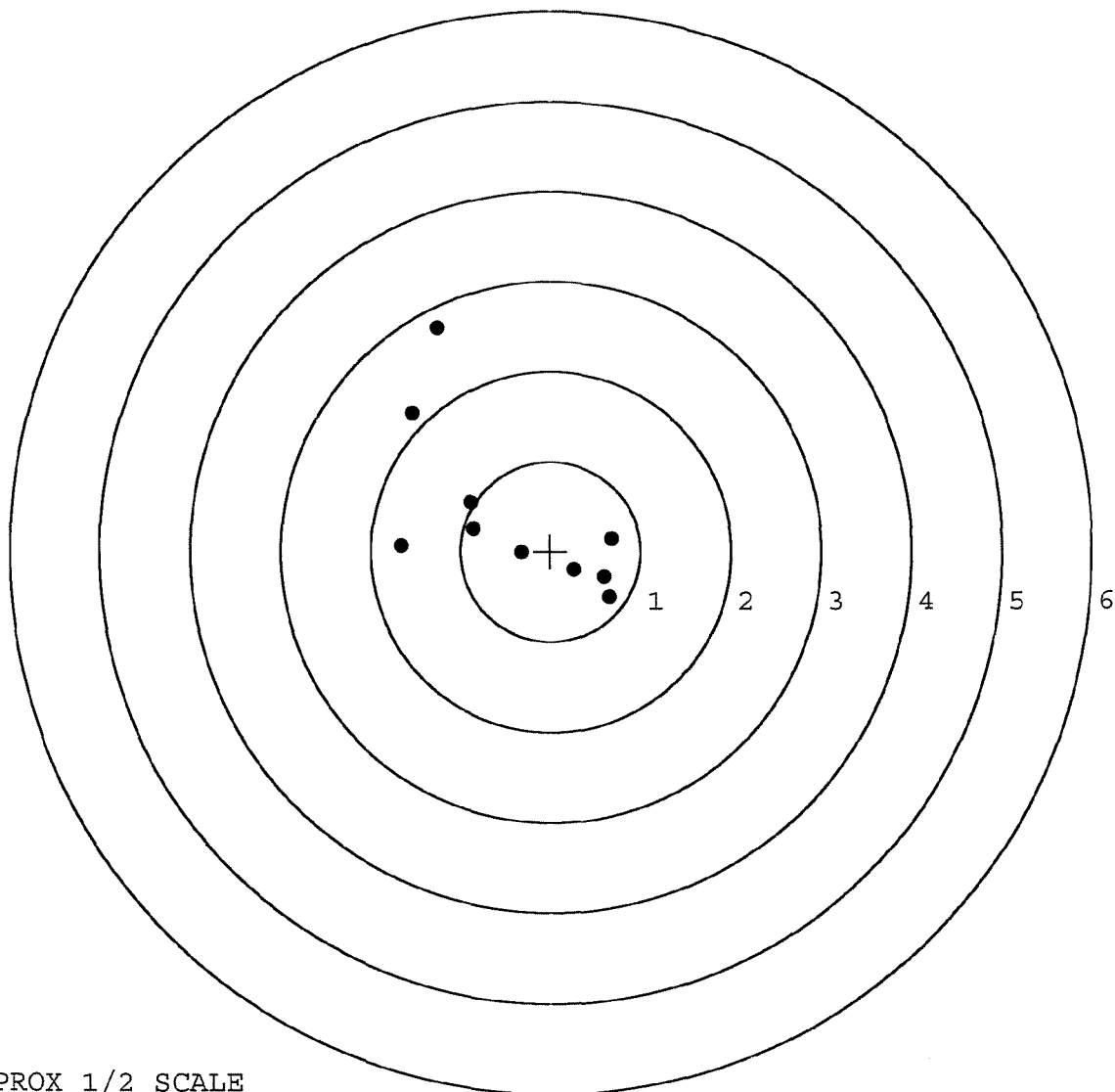
MEAN RADIUS: 1.119

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 4

# in 3 IN DIAMETER: 8

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.686  | 0.142  |
| 2:     | 0.265  | -0.210 |
| 3:     | 0.655  | -0.510 |
| 4:     | -0.326 | -0.019 |
| 5:     | -0.855 | 0.248  |
| 6:     | -0.890 | 0.541  |
| 7:     | -1.666 | 0.063  |
| 8:     | -1.544 | 1.536  |
| 9:     | -1.255 | 2.477  |
| 10:    | 0.598  | -0.285 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348876. 0

TARGET NUMBER: 2

FILE DATE: 05/06/2005

FILE TIME: 07:23

X CENTROID: -0.024

Y CENTROID: -0.035

POA TO CENTROID: 0.042

HORZ SPREAD: 1.611

VERT SPREAD: 3.035

GROUP SPREAD: 3.053

MIN RADIUS: 0.313

MAX RADIUS: 1.845

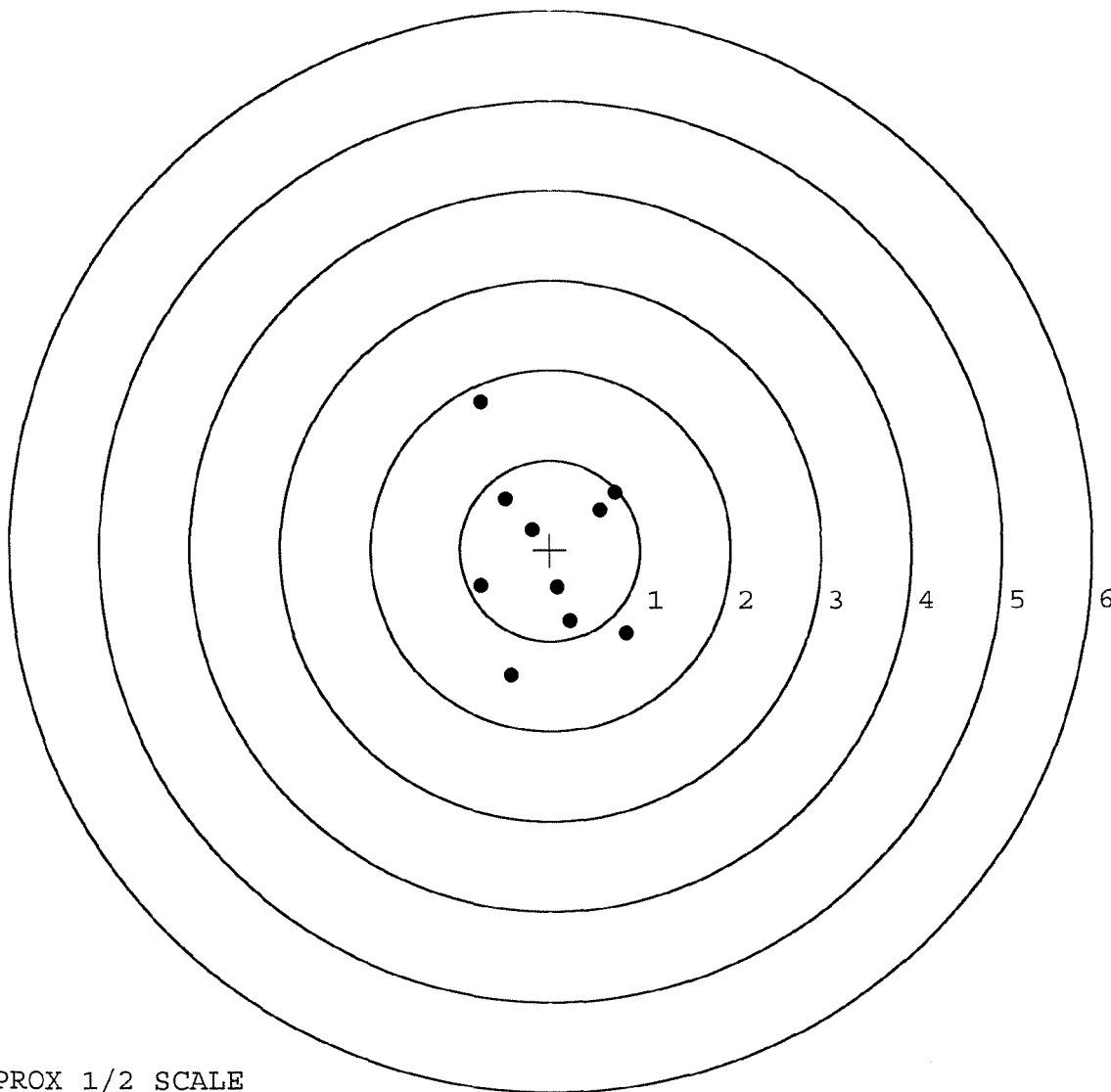
MEAN RADIUS: 0.936

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.840  | -0.918 |
| 2:     | -0.434 | -1.382 |
| 3:     | 0.223  | -0.782 |
| 4:     | 0.084  | -0.417 |
| 5:     | -0.771 | -0.398 |
| 6:     | -0.198 | 0.225  |
| 7:     | -0.498 | 0.573  |
| 8:     | 0.559  | 0.452  |
| 9:     | 0.723  | 0.644  |
| 10:    | -0.769 | 1.653  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348876. 0

TARGET NUMBER: 3

FILE DATE: 05/06/2005

FILE TIME: 07:23

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.293  | -0.647 |
| 2:     | 0.021  | -0.469 |
| 3:     | -0.211 | -0.771 |
| 4:     | 0.331  | -0.042 |
| 5:     | 0.323  | 0.610  |
| 6:     | 1.413  | 1.315  |
| 7:     | -0.611 | 1.510  |
| 8:     | -1.282 | 1.174  |
| 9:     | -1.399 | -0.969 |
| 10:    | 0.186  | -2.150 |

X CENTROID: -0.094

Y CENTROID: -0.044

POA TO CENTROID: 0.103

HORZ SPREAD: 2.812

VERT SPREAD: 3.660

GROUP SPREAD: 3.746

MIN RADIUS: 0.425

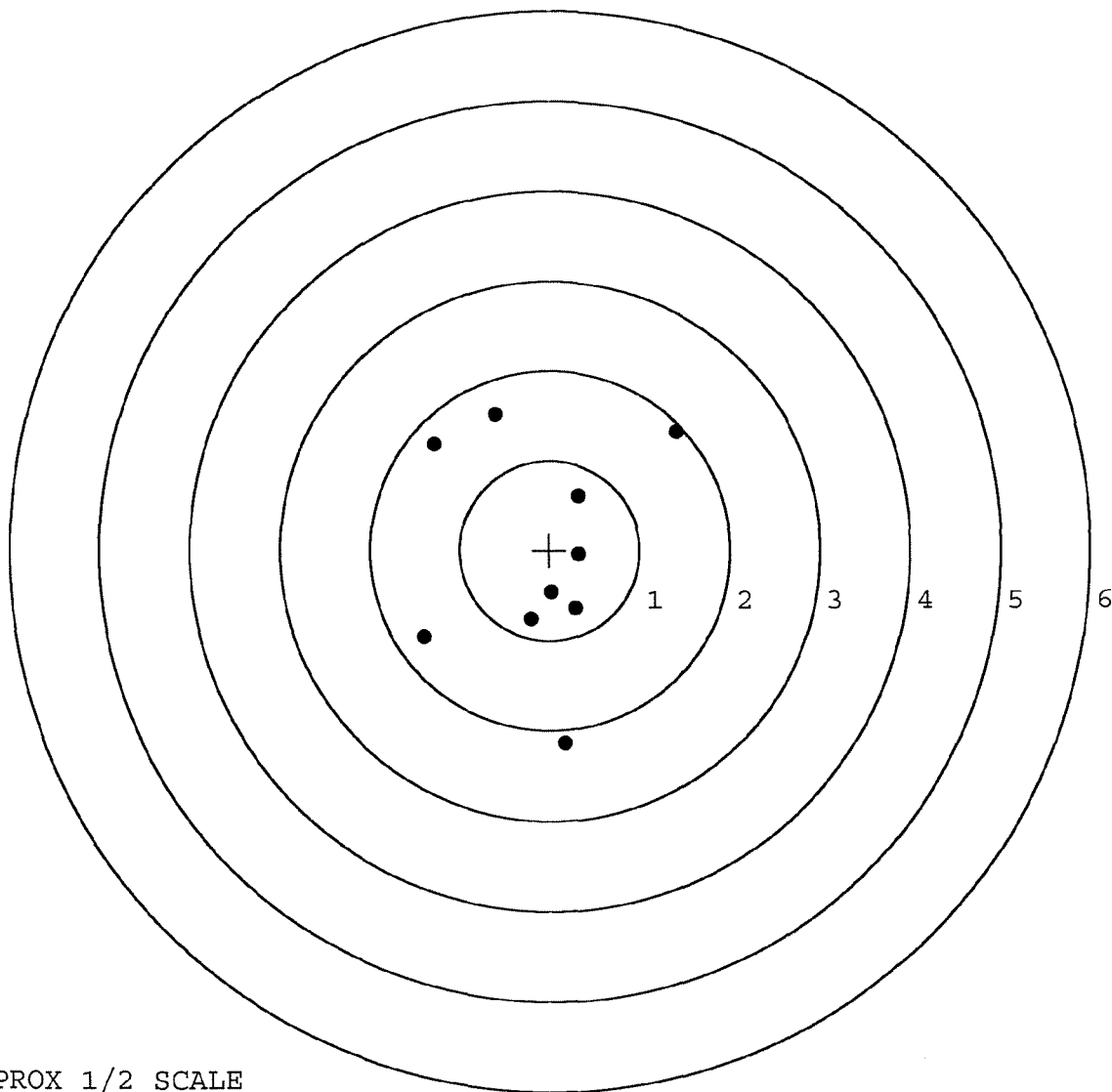
MAX RADIUS: 2.125

MEAN RADIUS: 1.219

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 5

# in 3 IN DIAMETER: 5



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348876. \_\_0

TARGET NUMBER: 4

FILE DATE: 05/06/2005

FILE TIME: 07:23

X CENTROID: 0.101

Y CENTROID: -0.197

POA TO CENTROID: 0.221

HORZ SPREAD: 1.948

VERT SPREAD: 3.034

GROUP SPREAD: 3.202

MIN RADIUS: 0.406

MAX RADIUS: 1.980

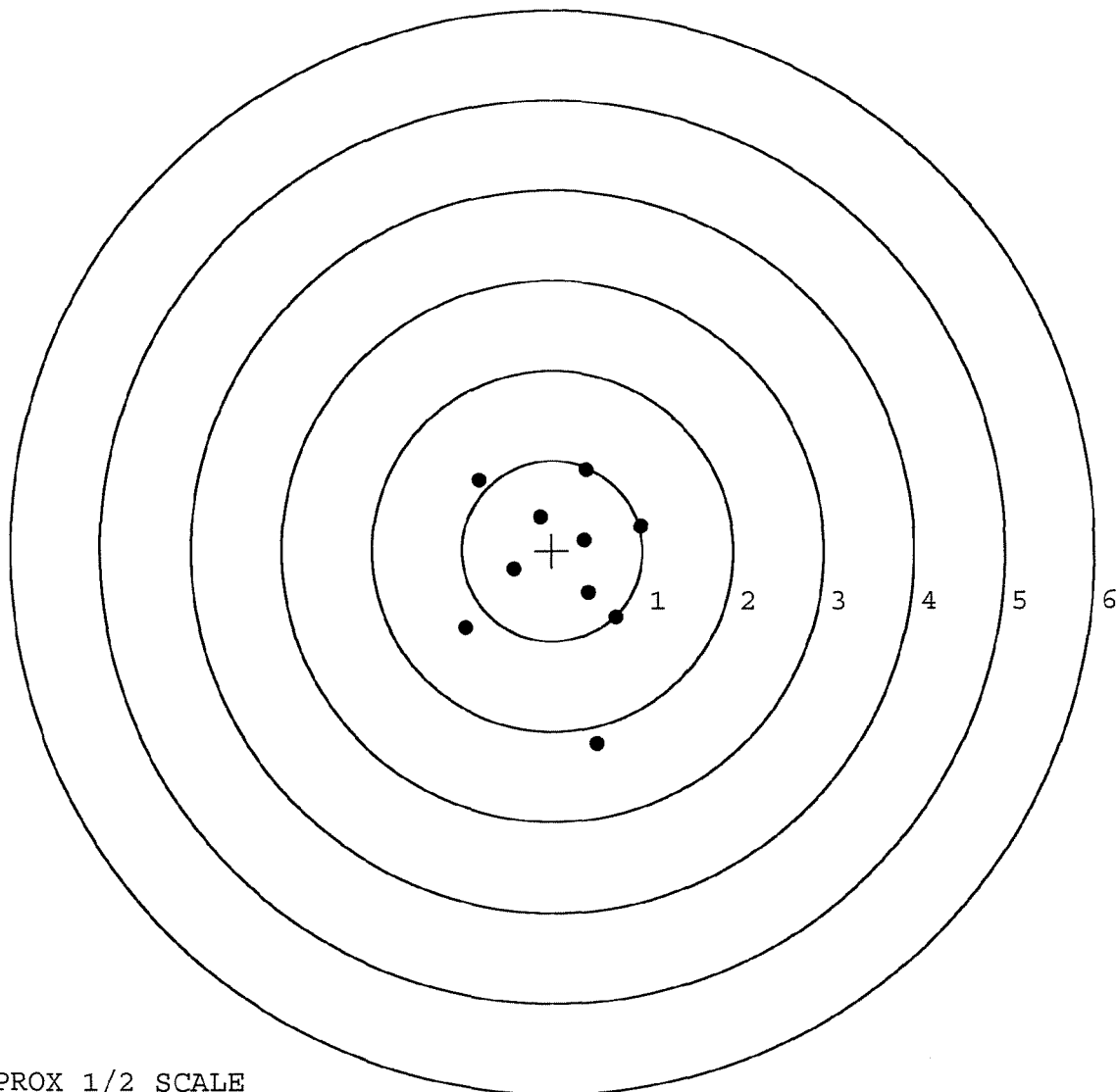
MEAN RADIUS: 0.947

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.504  | -2.136 |
| 2:     | 0.706  | -0.734 |
| 3:     | 0.405  | -0.466 |
| 4:     | 0.983  | 0.269  |
| 5:     | 0.364  | 0.118  |
| 6:     | -0.136 | 0.372  |
| 7:     | 0.384  | 0.898  |
| 8:     | -0.813 | 0.783  |
| 9:     | -0.422 | -0.210 |
| 10:    | -0.965 | -0.864 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348876. 0

TARGET NUMBER: 5

FILE DATE: 05/06/2005

FILE TIME: 07:23

X CENTROID: 0.170

Y CENTROID: -0.510

POA TO CENTROID: 0.537

HORZ SPREAD: 3.055

VERT SPREAD: 4.610

GROUP SPREAD: 4.949

MIN RADIUS: 0.398

MAX RADIUS: 2.612

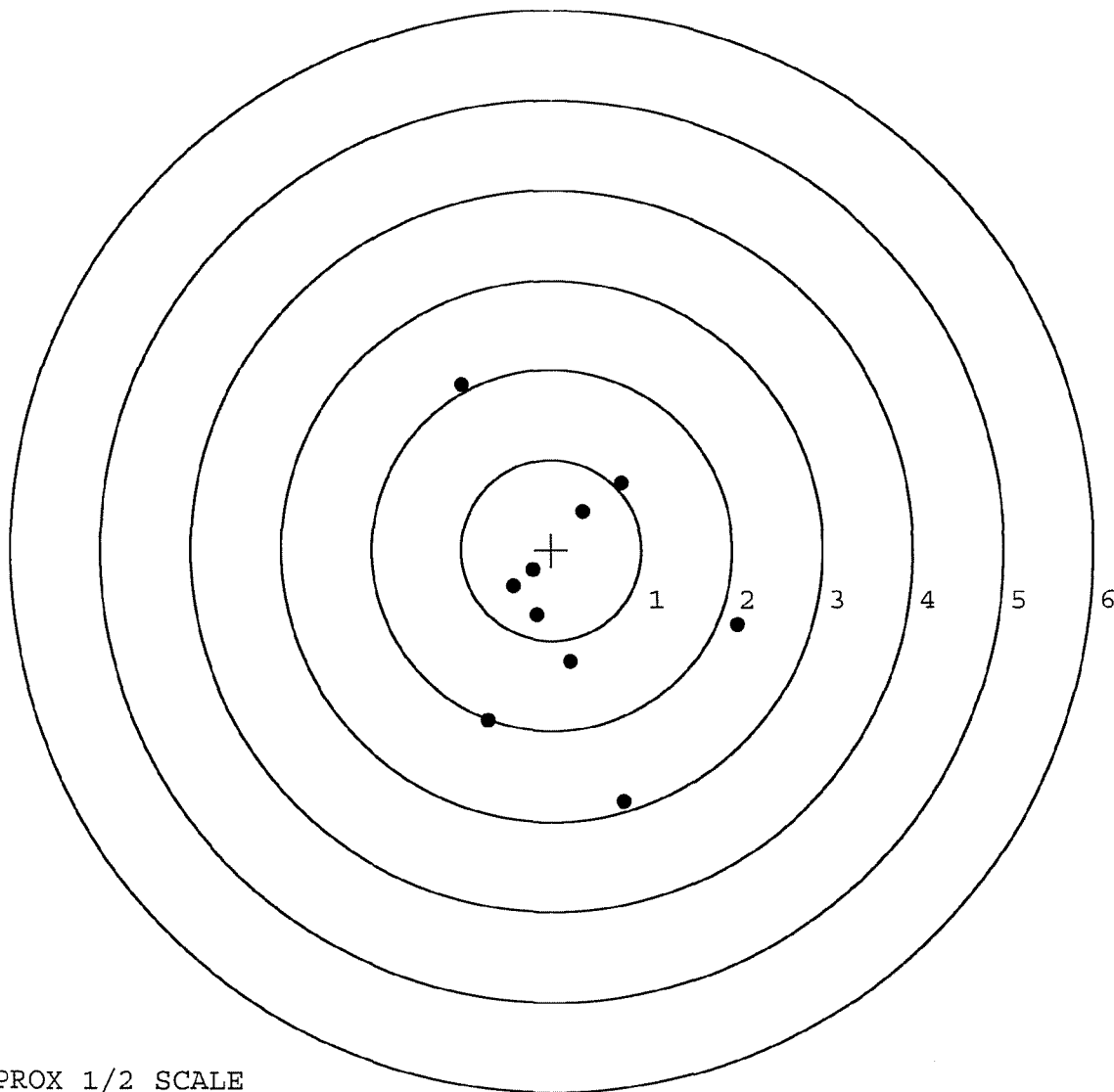
MEAN RADIUS: 1.307

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 5

# in 3 IN DIAMETER: 6

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 2.057  | -0.821 |
| 2:     | 0.208  | -1.236 |
| 3:     | -0.701 | -1.895 |
| 4:     | -0.164 | -0.726 |
| 5:     | -0.426 | -0.413 |
| 6:     | -0.205 | -0.224 |
| 7:     | 0.349  | 0.428  |
| 8:     | 0.777  | 0.744  |
| 9:     | -0.998 | 1.827  |
| 10:    | 0.802  | -2.783 |



TARGET APPROX 1/2 SCALE



|                     |                    |           |         |
|---------------------|--------------------|-----------|---------|
| R & E NUMBER        | 92475              |           |         |
| SERIAL NUMBER       | C6348876           |           |         |
| LOG-IN DATE         | 2-4-05             |           |         |
| INSPECT AND VERIFY: |                    |           |         |
| OPERATION #         | OPERATION NAME     | DATE      | INITIAL |
| 550                 | DIS-ASSEMBLE GUN   | 4-4-05    | RTZ     |
| 560 A               | RE-BARREL          | 4-7-05    | RTZ     |
| B                   | DRILL AND TAP      | 4-11-05   | TRW     |
| 575                 | ASSEMBLE           | 4-7-05    | RTZ     |
| 600                 | PROOF              | 4-8-05    | AC      |
| 605                 | CHECK HEADSPACE    | 4-8-05    | AC      |
| 610                 | DIS-ASSEMBLE GUN   | 4-11-05   | RTZ     |
| 612                 | MAGNAFLUX          | OPERATOR  | BS      |
| 615                 | ROLLMARK CALIBER   | 4-12-05   | CW      |
| 618                 | ROTO-BLAST         | 4-18-05   | LB      |
| 620                 | APPLY COATINGS     | 4-25-05   | WJ      |
| 625 A               | FINAL ASSEMBLY     | 4-29-05   | RTZ     |
| B                   | TRIGGER PULL TEST  |           |         |
| C                   | SAFETY "ON" FORCE  | 5-9-05    | AC      |
| D                   | SAFETY "OFF" FORCE | 5-9-05    | AC      |
| E                   | FIRING PIN INDENT  | 5-9-05    | AC      |
| 640                 | TARGET             | 5-6-05    | AC      |
| 655                 | FINAL INSPECT      | 5-9-05    | AC      |
| 660                 | PACK               | 5-10-05   | RA      |
|                     |                    | SHIP DATE |         |
| QAR INSPECTION DATE |                    |           |         |

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348876

| OP. #        | OP. NAME                                                       | READINGS | DATE    | INIT |
|--------------|----------------------------------------------------------------|----------|---------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 8 11     | 89      | RW   |
| 600          | Proof                                                          | 8 11     | 89      | RW   |
| 607          | Check Headspace                                                | 8 11     | 89      | RW   |
| 610          | Dis-assemble Gun                                               | 8 11     | 89      | RW   |
| 612          | Magnaflux Barrel<br>Action                                     |          | 8/15/89 | KCR  |
|              | Magnaflux Bolt                                                 |          | 8/15/89 | KCR  |
| 615          | Rollmark Caliber                                               |          | 8/15/89 | MS   |
| 7            | Drill and Tap Sight Holes                                      | 8 16     | 89      |      |
| 618          | Polish Barrel RB                                               | 8 16     | 89      |      |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 8/19/89 | DA   |
|              | Apply Coating (Bolt)                                           |          |         |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 8/21/89 | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 8/21/89 | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 8/21/89 | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 8/21/89 | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 8/22/89 | JSP  |

| op. #        | BARBER - M24 0040452<br>OP. NAME                            | READINGS |       |       |      |      | DATE       | INIT |
|--------------|-------------------------------------------------------------|----------|-------|-------|------|------|------------|------|
| 625<br>cont. | F) Safety On Force                                          | 6 3/4    | 6 1/2 | 6 3/4 |      |      | 8/22/89    | WB   |
|              | G) Safety Off Force                                         | 3 1/2    | 3 1/2 | 3 1/2 |      |      | 8/22/89    | WB   |
|              | H) Trigger Pull Test & Retainability                        |          |       |       |      |      | 8/22/89    | J.U. |
|              | I) Firing Pin Indent                                        | .0725    | .022  | .022  |      |      | 8/22/89    | W.B. |
|              | J) Assemble Stock                                           |          |       |       |      |      | 8/23/89    | RW   |
|              | K) Assemble Swivel Studs                                    |          |       |       |      |      | 23 Aug 89  | JS   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |       |       |      |      | 8/23/89    | RW   |
|              | M) Iron Sight Alignment                                     |          |       |       |      |      | 8/23/89    | RO   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |       |       |      |      | 8/23/89    | RW   |
|              | O) Attach Scope to Rifle                                    |          |       |       |      |      | 8/23/89    | WB   |
|              | P) Detach & Attach Scope 20 Times                           |          |       |       |      |      | 8/23/89    | WB   |
| 640          | Gallery Target & Test                                       | 82R      | 71L   |       |      |      | 8-23-89    | DAH  |
|              | A) Time                                                     |          |       |       |      |      | 8-23-89    | DAH  |
|              | B) Malfunctions                                             |          |       |       |      |      | 8-23-89    | DAH  |
|              | C) Pierced Primers                                          |          |       |       |      |      | 8-23-89    | DAH  |
|              | D) Optical Clarity of Scope                                 |          |       |       |      |      | 8-23-89    | DAH  |
| 645          | Inspect for Live Ammo                                       |          |       |       |      |      | 8-23-89    | DAH  |
| 655          | Final Inspection                                            |          |       |       |      |      |            |      |
|              | A) Headspace                                                |          |       |       |      |      | 23 Aug 89  | JS   |
|              | B) Trigger Pull                                             | 2.32     | 2.38  | 2.38  | 2.40 | 2.34 | 23 Aug 89  | JS   |
|              | C) Function                                                 |          |       |       |      |      | 23 Aug 89  | JS   |
| 660          | Pack                                                        |          |       |       |      |      | 20 Sept 89 |      |

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

**MODEL 700™ H24**

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

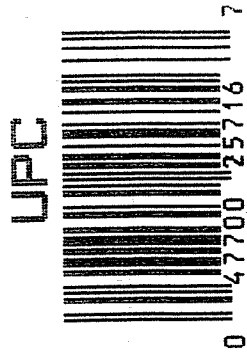
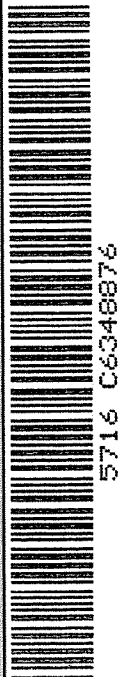
**UPPONT**

**SERIAL NO.**  
 C6348876

**ORDER NO.**  
 5716

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

**01**



8876

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348978DATE 23 Oct 89TESTER JS

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-------|------------------------------------------------------------------------|
| PULL #1 | 228              | 261                      | 247                            | 224   | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 227              | 265                      | 239                            | 239   |                                                                        |
| PULL #3 | 230              | 242                      | 239                            | 241   |                                                                        |
| PULL #4 | 233              | 242                      | 237                            | 230   |                                                                        |
| PULL #5 | 241              | 247                      | 250                            | 238   |                                                                        |
| TOTAL   | 1165             | 1257                     | 1212                           | 1172  |                                                                        |
| AVG.    | 2.33             | 2.514                    | 2.424                          | 2.344 |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 325              | 340                      |  |          |
| PULL #2 | 359              | 346                      |  |          |
| PULL #3 | 344              | 327                      |  |          |
| PULL #4 | 348              | 330                      |  |          |
| PULL #5 | 328              | 334                      |  |          |
| TOTAL   | 1704             | 1677                     |  |          |
| AVG.    | 2.408            | 3.354                    |  |          |

|         | 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 | 413              | 465                      |                                | 430                                  |
| PULL #2 | 430              | 434                      |                                | 426                                  |
| PULL #3 | 429              | 414                      |                                | 437                                  |
| PULL #4 | 439              | 420                      |                                | 422                                  |
| PULL #5 | 437              | 430                      |                                | 410                                  |
| TOTAL   | 2148             | 2163                     |                                | 2125                                 |
| AVG.    | 4.296            | 4.326                    |                                | 4.25                                 |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6348876  
23 Aug 1989

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .291602 |
| 1 TO | 2 | .438193 |
| 1 TO | 3 | .333623 |
| 1 TO | 4 | .796055 |
| 1 TO | 5 | .334742 |

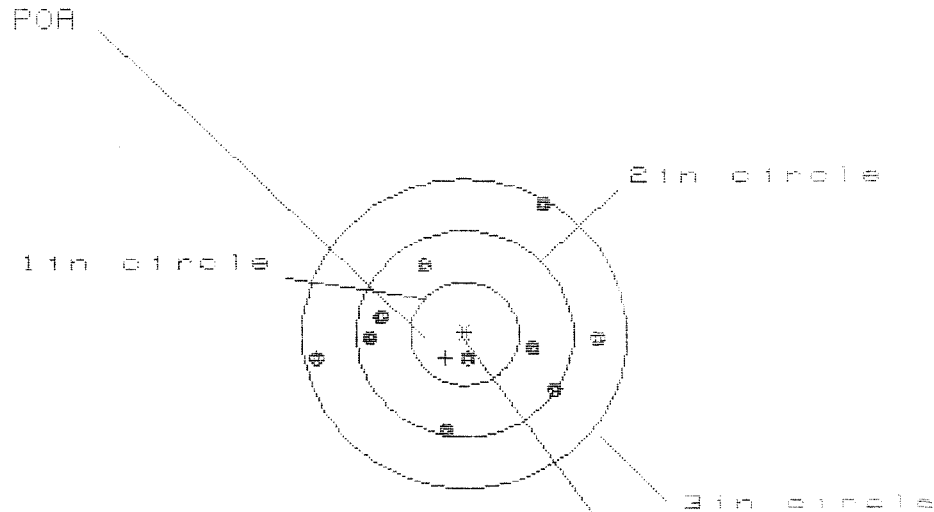
+  $\frac{1}{5}$  <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0666  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0436  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0796023  
THE AMR FOR THIS RIFLE IS: .9704

23 Aug 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C8340876

## CENTERFIRE PATTERNS # 1



# OF SHOTS= 10

# IN CIR

1in = 1

2in = 7

3in = 10

HS= 2.569

VS= 2.227

GS= 2.600

CENTROID #

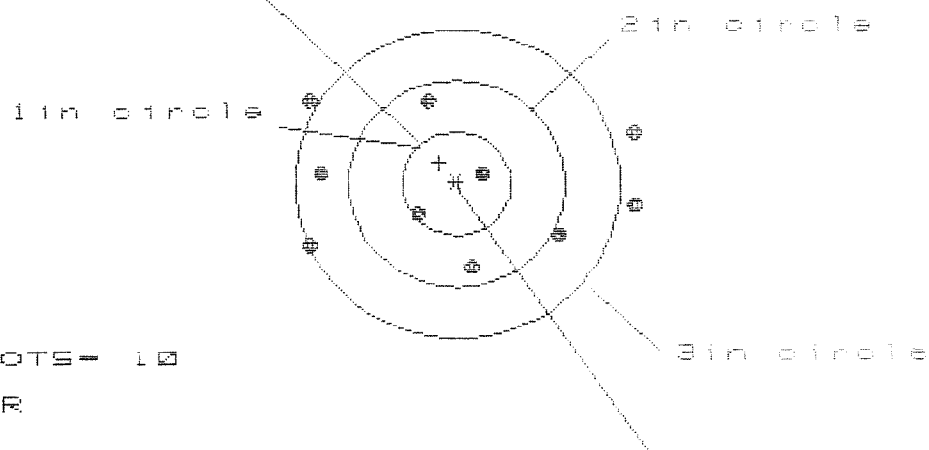
| PATTERN #                     | 1      | 2      | 3     |
|-------------------------------|--------|--------|-------|
| SHOTS (BEST OF)               | 10     | 9      | 8     |
| MAXIMUM X                     | 1.211  | 1.296  | 1.137 |
| MINIMUM X                     | -1.358 | -1.273 | -.986 |
| MAXIMUM Y                     | 1.284  | .849   | .840  |
| MINIMUM Y                     | -.943  | -.801  | -.810 |
| CENTROID X                    | .174   | .089   | .248  |
| CENTROID Y                    | .234   | .092   | .101  |
| POA TO CENTROID in.           | .292   | .128   | .267  |
| MIN RADIUS                    | .271   | .158   | .153  |
| MEAN RADIUS                   | .925   | .838   | .774  |
| MAX RADIUS                    | 1.496  | 1.306  | 1.147 |
| HORIZONTAL SPREAD             | 2.569  | 2.569  | 2.043 |
| VERTICAL SPREAD               | 2.227  | 1.650  | 1.650 |
| EXTREME SPREAD                | 2.600  | 2.579  | 2.044 |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |       |
| NUMBER IN TWO INCH CIRCLE =   | 7      |        |       |
| NUMBER IN THREE INCH CIRCLE = | 10     |        |       |

23 Aug 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/06346876

## CENTERFIRE PATTERNS # 2

POR



# OF SHOTS- 10

# IN CIR

1 in = 1

2 in = 4

3 in = 7

HS= 3.029

VS= 1.670

GS= 3.159

CENTROID #

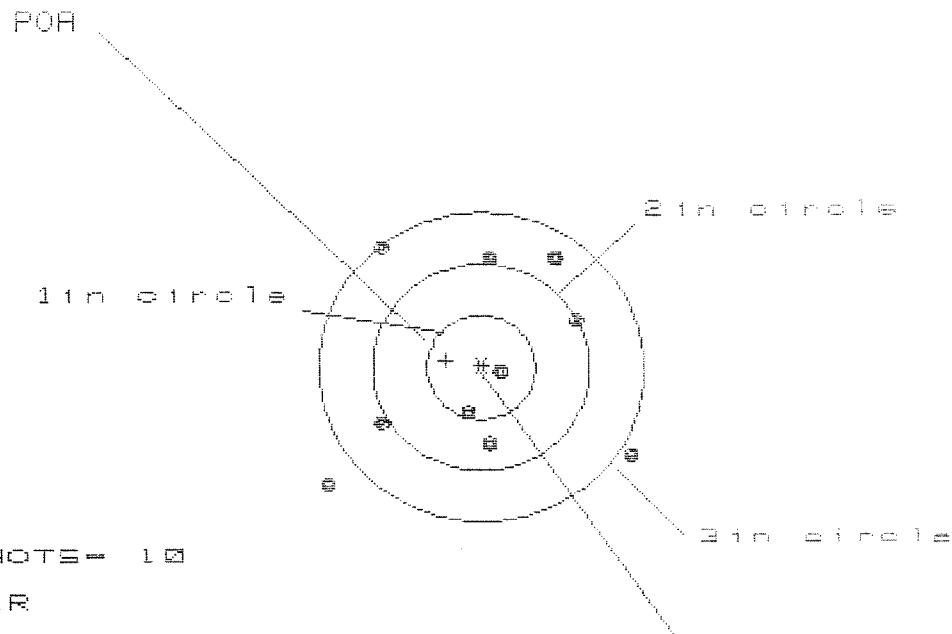
| PATTERN #                     | : | 2      |
|-------------------------------|---|--------|
| SHOTS (BEST OF)               | : | 10     |
| MAXIMUM X                     | : | 1.672  |
| MINIMUM X                     | : | -1.357 |
| MAXIMUM Y                     | : | .853   |
| MINIMUM Y                     | : | -.817  |
| CENTROID X                    | : | .161   |
| CENTROID Y                    | : | -.204  |
| POR TO CENTROID in.           | : | .260   |
| MIN RADIUS                    | : | .274   |
| MEAN RADIUS                   | : | 1.121  |
| MAX RADIUS                    | : | 1.737  |
| HORIZONTAL SPREAD             | : | 3.029  |
| VERTICAL SPREAD               | : | 1.670  |
| EXTREME SPREAD                | : | 3.159  |
| NUMBER IN ONE INCH CIRCLE =   | : | 1      |
| NUMBER IN TWO INCH CIRCLE =   | : | 4      |
| NUMBER IN THREE INCH CIRCLE = | : | 7      |



23 Aug 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/08348878

## CENTERFIRE PATTERNS # 3



# OF SHOTS= 10

# IN CIR

1in = 2

2in = 4

3in = 8

HS= 2.729

VS= 2.292

GS= 3.038

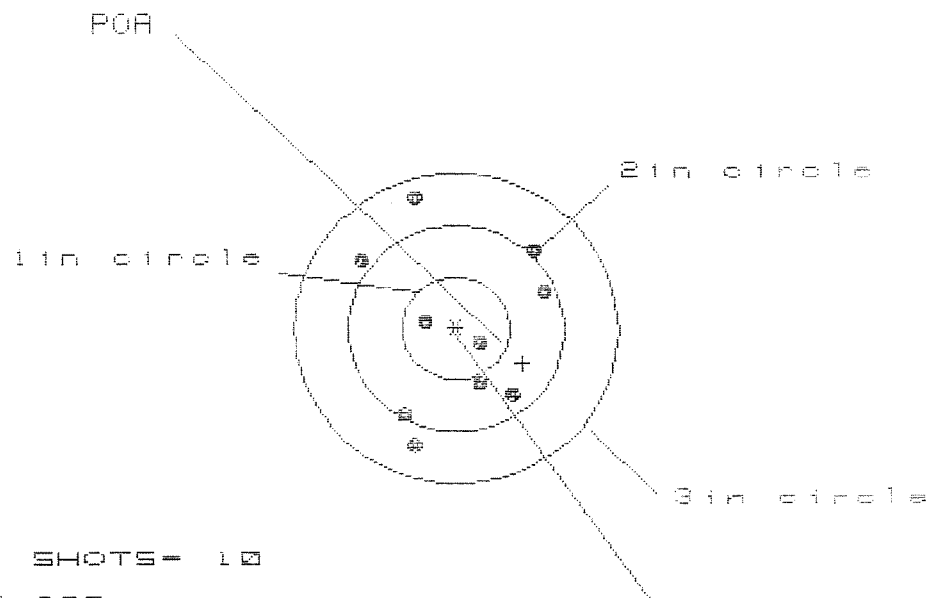
CENTROID #

| PATTERN #                   | 3      |
|-----------------------------|--------|
| SHOTS (BEST OF)             | 10     |
| MAXIMUM X                   | 1.354  |
| MINIMUM X                   | -1.374 |
| MAXIMUM Y                   | 1.130  |
| MINIMUM Y                   | -1.162 |
| CENTROID X                  | .324   |
| CENTROID Y                  | -.064  |
| POA TO CENTROID in.         | .330   |
| MIN RADIUS                  | .218   |
| MEAN RADIUS                 | 1.064  |
| MAX RADIUS                  | 1.800  |
| HORIZONTAL SPREAD           | 2.729  |
| VERTICAL SPREAD             | 2.292  |
| EXTREME SPREAD              | 3.038  |
| NUMBER IN ONE INCH CIRCLE   | = 2    |
| NUMBER IN TWO INCH CIRCLE   | = 4    |
| NUMBER IN THREE INCH CIRCLE | = 8    |

23 Aug 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/08340876

## CENTERFIRE PATTERNS # 4



# OF SHOTS= 10

# IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 1.634

VS= 2.411

GS= 2.411

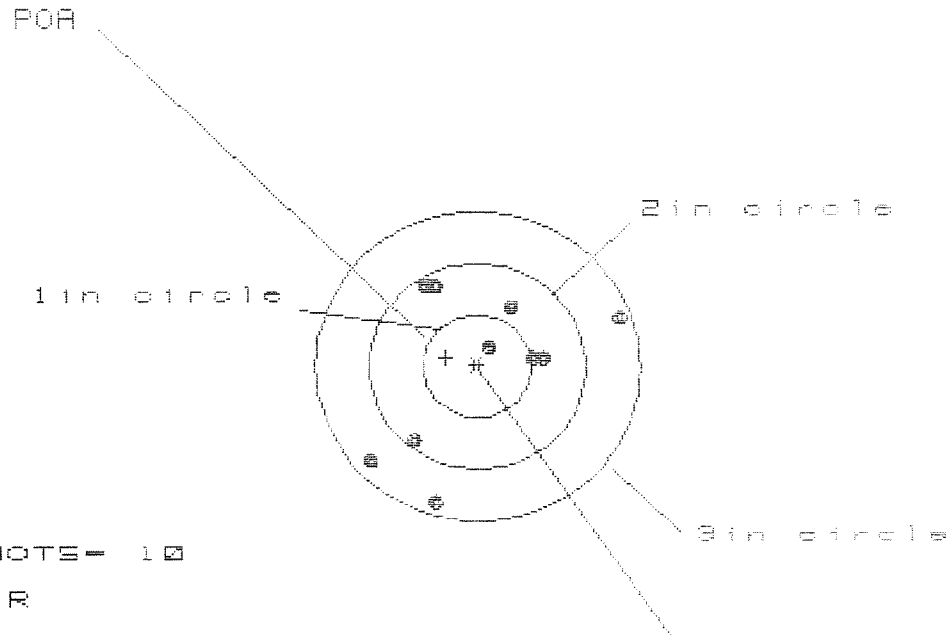
CENTROID \*

| PATTERN #                   | : | 4      |       |       |
|-----------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | .787   | .742  | .682  |
| MINIMUM X                   | : | -.847  | -.892 | -.952 |
| MAXIMUM Y                   | : | 1.306  | .962  | .842  |
| MINIMUM Y                   | : | -1.105 | -.960 | -.773 |
| CENTROID X                  | : | -.616  | -.571 | -.511 |
| CENTROID Y                  | : | .332   | .187  | .307  |
| POA TO CENTROID in.         | : | .780   | .600  | .596  |
| MIN RADIUS                  | : | .262   | .179  | .163  |
| MEAN RADIUS                 | : | .847   | .763  | .724  |
| MAX RADIUS                  | : | 1.368  | 1.201 | 1.172 |
| HORIZONTAL SPREAD           | : | 1.634  | 1.634 | 1.634 |
| VERTICAL SPREAD             | : | 2.411  | 1.922 | 1.615 |
| EXTREME SPREAD              | : | 2.411  | 2.214 | 1.969 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10    |       |

23 Aug 1985

FILE:/PATTERNING/CENTERFIRE\_PATT/C634B876

## CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 7

3in = 10

HS= 2.277

VS= 2.153

GS= 2.656

CENTROID #

| PATTERN #                     | 5      |
|-------------------------------|--------|
| SHOTS (BEST OF)               | 10     |
| MAXIMUM X                     | 1.295  |
| MINIMUM X                     | -0.982 |
| MAXIMUM Y                     | .804   |
| MINIMUM Y                     | -1.349 |
| CENTROID X                    | .290   |
| CENTROID Y                    | -.080  |
| FOR TO CENTROID in.           | .300   |
| MIN RADIUS                    | .234   |
| MEAN RADIUS                   | .895   |
| MAX RADIUS                    | 1.415  |
| HORIZONTAL SPREAD             | 2.277  |
| VERTICAL SPREAD               | 2.153  |
| EXTREME SPREAD                | 2.656  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |
| NUMBER IN TWO INCH CIRCLE =   | 7      |
| NUMBER IN THREE INCH CIRCLE = | 10     |