

CE348922

MODEL 700™ M24

Model 545 TM

Action

Barrel Length

Capacity

Order No. 5715

\*Includes 1 in chamber.

*Remington*

## Repair Inquiry

Repair Number: RE00151502

Serial: C6348922 Model M24 SWS Center Fire  
Caliber: 7.62 NATO Produced: 12/13/1989

Repairman:

Verify Repair

Status:

Closed 9/20/2008 6:26:46 AM

## Address Information

Customer:

Received From

Return To:

Received From

Name: 2-281N

2-281N

Address 1: CMR 415

CMR 415

Address 2:

PO Box:

PO Box:

City: APO

APO

State: AE

Zip Code: 09114

Country: IT

State: AE

Zip Code: 09114

Country: IT

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   |
| A017 | Scope Base   | 1   |
| A026 | Scope        | 1   |
| A057 | Fit SGT BASE | 1   |

Repair Search

Refresh

Close

naglej

9/22/2008

9:19 AM

CAPS

NUM

INS

SCRL



Serial Number: C6348922

Model M24 SWS



RE00151502

151502  
C6348922  
9-2008

|     |                   |          |     |  |
|-----|-------------------|----------|-----|--|
| 600 | RECEIVED          | 9-25-08  | RTZ |  |
| 605 | ASSEMBLE          | 9-30-08  | RTZ |  |
| 610 | PROOF             | 9-30-08  | RTZ |  |
| 615 | CHECK HEADSPACE   | 10-2-08  | RTZ |  |
| 620 | DIS-ASSEMBLE GUN  | 10-2-08  | RTZ |  |
| 625 | MAGNAFLUX         | 10/8/08  | RTZ |  |
| 630 | DRILL AND TAP     | 10-6-08  | RTZ |  |
| 635 | ROLLMARK CALIBER  | 10/8/08  | RTZ |  |
| 640 | ROTO-BLAST        | 10-11-08 | RTZ |  |
| 645 | APPLY COATINGS    | 10-13-08 | RTZ |  |
| 650 | FINAL ASSEMBLY    | 10-14-08 | RTZ |  |
| 655 | FUNCTION TEST AND | 10-14-08 | RTZ |  |
| 660 | TARGET            | 10-14-08 | RTZ |  |
| 665 | MALFUNCTION       | 10-14-08 | RTZ |  |
| 670 | MALFUNCTION       | 10-14-08 | RTZ |  |
| 675 | MALFUNCTION       | 10-14-08 | RTZ |  |
| 680 | MALFUNCTION       | 10-14-08 | RTZ |  |
| 685 | FINAL INSPECTION  | 10-20-08 | RTZ |  |
| 690 | HEADSPACE         | 10-20-08 | RTZ |  |
| 695 | HEADSPACE         | 10-20-08 | RTZ |  |
| 700 | HEADSPACE         | 10-20-08 | RTZ |  |
| 705 | HEADSPACE         | 10-20-08 | RTZ |  |
| 710 | HEADSPACE         | 10-20-08 | RTZ |  |
| 715 | HEADSPACE         | 10-20-08 | RTZ |  |
| 720 | HEADSPACE         | 10-20-08 | RTZ |  |
| 725 | HEADSPACE         | 10-20-08 | RTZ |  |
| 730 | HEADSPACE         | 10-20-08 | RTZ |  |
| 735 | HEADSPACE         | 10-20-08 | RTZ |  |
| 740 | HEADSPACE         | 10-20-08 | RTZ |  |
| 745 | HEADSPACE         | 10-20-08 | RTZ |  |
| 750 | HEADSPACE         | 10-20-08 | RTZ |  |
| 755 | HEADSPACE         | 10-20-08 | RTZ |  |
| 760 | HEADSPACE         | 10-20-08 | RTZ |  |
| 765 | HEADSPACE         | 10-20-08 | RTZ |  |
| 770 | HEADSPACE         | 10-20-08 | RTZ |  |
| 775 | HEADSPACE         | 10-20-08 | RTZ |  |
| 780 | HEADSPACE         | 10-20-08 | RTZ |  |
| 785 | HEADSPACE         | 10-20-08 | RTZ |  |
| 790 | HEADSPACE         | 10-20-08 | RTZ |  |
| 795 | HEADSPACE         | 10-20-08 | RTZ |  |
| 800 | HEADSPACE         | 10-20-08 | RTZ |  |
| 805 | HEADSPACE         | 10-20-08 | RTZ |  |
| 810 | HEADSPACE         | 10-20-08 | RTZ |  |
| 815 | HEADSPACE         | 10-20-08 | RTZ |  |
| 820 | HEADSPACE         | 10-20-08 | RTZ |  |
| 825 | HEADSPACE         | 10-20-08 | RTZ |  |
| 830 | HEADSPACE         | 10-20-08 | RTZ |  |
| 835 | HEADSPACE         | 10-20-08 | RTZ |  |
| 840 | HEADSPACE         | 10-20-08 | RTZ |  |
| 845 | HEADSPACE         | 10-20-08 | RTZ |  |
| 850 | HEADSPACE         | 10-20-08 | RTZ |  |
| 855 | HEADSPACE         | 10-20-08 | RTZ |  |
| 860 | HEADSPACE         | 10-20-08 | RTZ |  |
| 865 | HEADSPACE         | 10-20-08 | RTZ |  |
| 870 | HEADSPACE         | 10-20-08 | RTZ |  |
| 875 | HEADSPACE         | 10-20-08 | RTZ |  |
| 880 | HEADSPACE         | 10-20-08 | RTZ |  |
| 885 | HEADSPACE         | 10-20-08 | RTZ |  |
| 890 | HEADSPACE         | 10-20-08 | RTZ |  |
| 895 | HEADSPACE         | 10-20-08 | RTZ |  |
| 900 | HEADSPACE         | 10-20-08 | RTZ |  |
| 905 | HEADSPACE         | 10-20-08 | RTZ |  |
| 910 | HEADSPACE         | 10-20-08 | RTZ |  |
| 915 | HEADSPACE         | 10-20-08 | RTZ |  |
| 920 | HEADSPACE         | 10-20-08 | RTZ |  |
| 925 | HEADSPACE         | 10-20-08 | RTZ |  |
| 930 | HEADSPACE         | 10-20-08 | RTZ |  |
| 935 | HEADSPACE         | 10-20-08 | RTZ |  |
| 940 | HEADSPACE         | 10-20-08 | RTZ |  |
| 945 | HEADSPACE         | 10-20-08 | RTZ |  |
| 950 | HEADSPACE         | 10-20-08 | RTZ |  |
| 955 | HEADSPACE         | 10-20-08 | RTZ |  |
| 960 | HEADSPACE         | 10-20-08 | RTZ |  |
| 965 | HEADSPACE         | 10-20-08 | RTZ |  |
| 970 | HEADSPACE         | 10-20-08 | RTZ |  |
| 975 | HEADSPACE         | 10-20-08 | RTZ |  |
| 980 | HEADSPACE         | 10-20-08 | RTZ |  |
| 985 | HEADSPACE         | 10-20-08 | RTZ |  |
| 990 | HEADSPACE         | 10-20-08 | RTZ |  |
| 995 | HEADSPACE         | 10-20-08 | RTZ |  |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS  
150 LBS. PULL FORCE 150 LBS  
150 LBS. PULL FORCE 150 LBS  
150 LBS. PULL FORCE 150 LBS

DATE

9-23-08

TESTER

TAE

|         | 150 LBS<br>INITIAL | 150 LBS AFTER 20<br>CYCLES | FINAL TEST & TO RESET<br>150 LBS |      | COMMENTS |
|---------|--------------------|----------------------------|----------------------------------|------|----------|
| PULL #1 | 262                | 238                        |                                  | 255  |          |
| PULL #2 | 240                | 242                        |                                  | 255  |          |
| PULL #3 | 243                | 241                        |                                  | 242  |          |
| PULL #4 | 232                | 243                        |                                  | 245  |          |
| PULL #5 | 240                | 244                        |                                  | 247  |          |
| TOTAL   | 1217               | 1208                       |                                  | 1244 |          |
| AVERAGE | 243                | 241                        |                                  | 248  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER 20<br>CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 309                 | 364                         |  |          |
| PULL #2 | 310                 | 340                         |  |          |
| PULL #3 | 309                 | 352                         |  |          |
| PULL #4 | 310                 | 345                         |  |          |
| PULL #5 | 323                 | 341                         |  |          |
| TOTAL   | 1561                | 1942                        |  |          |
| AVERAGE | 312                 | 348                         |  |          |

|         | 4.00 LBS<br>INITIAL | 4.00 LBS AFTER 20<br>CYCLES | MAX SETTING GREATER<br>THAN 4 LBS | RESET TO 4 LBS FOR<br>TARGET & ACCURACY |
|---------|---------------------|-----------------------------|-----------------------------------|-----------------------------------------|
| PULL #1 | 456                 | 477                         |                                   | 460                                     |
| PULL #2 | 468                 | 459                         |                                   | 448                                     |
| PULL #3 | 460                 | 471                         |                                   | 440                                     |
| PULL #4 | 461                 | 478                         |                                   | 453                                     |
| PULL #5 | 451                 | 460                         |                                   | 449                                     |
| TOTAL   | 2296                | 2345                        |                                   | 2250                                    |
| AVERAGE | 459                 | 469                         |                                   | 450                                     |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348922.\_\_\_0  
FILE DATE AND TIME: 10/15/2008 05:54

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.061  |
| The Average Y Centroid of the Five Target Set:              | -0.092 |
| The Average Point of Impact of the Five Target Set:         | 0.110  |
| The Average Mean Radius of the Five Target Set:             | 0.634  |
| The Distance from POA to Centroid Target #1:                | 0.385  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.814  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.205  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.684  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.501  |

**BARBER - M24 0041669**

SERIAL NUMBER: C6348922. \_\_0

TARGET NUMBER: 1

FILE DATE: 10/15/2008

FILE TIME: 05:54

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.080 | -2.088 |
| 2:     | 0.078  | -1.438 |
| 3:     | 0.074  | -0.539 |
| 4:     | -0.251 | -0.134 |
| 5:     | -0.771 | 0.202  |
| 6:     | -0.834 | 0.595  |
| 7:     | -0.538 | 0.527  |
| 8:     | -0.233 | 0.585  |
| 9:     | -0.082 | 0.610  |
| 10:    | 0.053  | 0.274  |

X CENTROID: -0.358

Y CENTROID: -0.141

POA TO CENTROID: 0.385

HORZ SPREAD: 1.158

VERT SPREAD: 2.698

GROUP SPREAD: 2.877

MIN RADIUS: 0.108

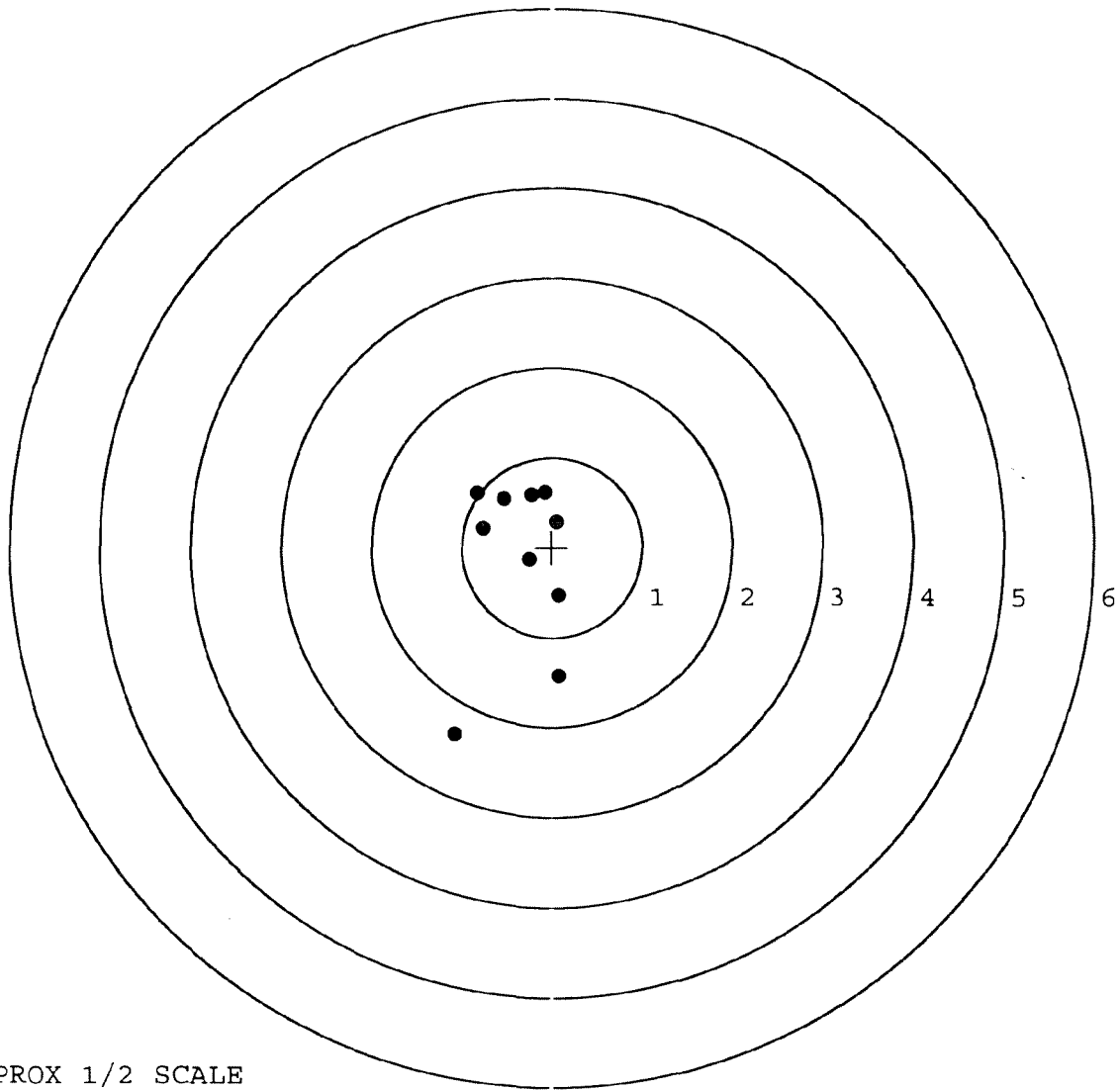
MAX RADIUS: 2.077

MEAN RADIUS: 0.837

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 9



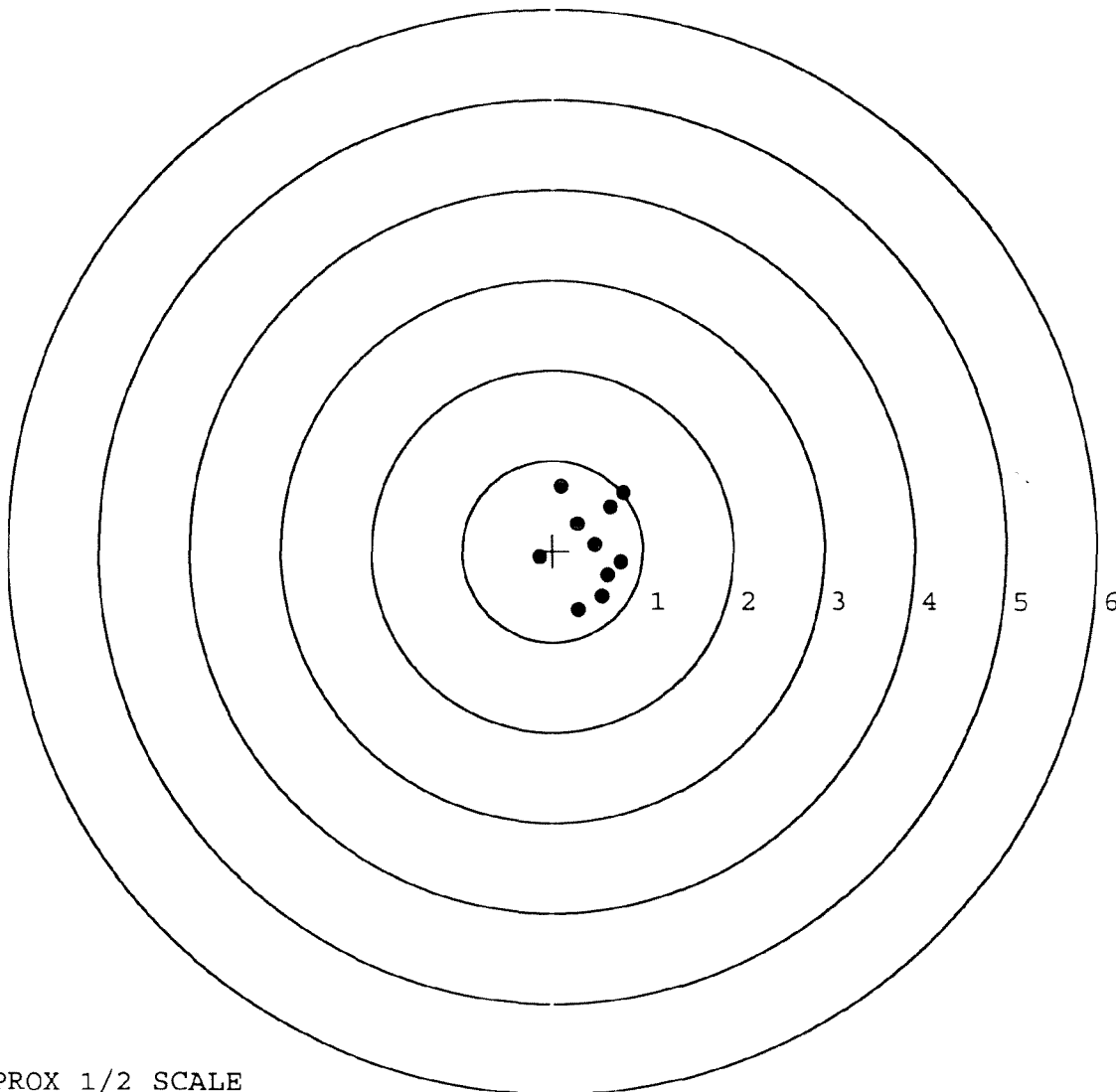
TARGET APPROX 1/2 SCALE

**BARBER - M24 0041670**

SERIAL NUMBER: C6348922. \_\_0  
 TARGET NUMBER: 2  
 FILE DATE: 10/15/2008  
 FILE TIME: 05:54

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.095  | 0.718  |
| 2:     | 0.781  | 0.644  |
| 3:     | 0.638  | 0.480  |
| 4:     | 0.278  | 0.295  |
| 5:     | 0.464  | 0.071  |
| 6:     | -0.150 | -0.068 |
| 7:     | 0.288  | -0.648 |
| 8:     | 0.549  | -0.502 |
| 9:     | 0.608  | -0.268 |
| 10:    | 0.754  | -0.130 |

X CENTROID: 0.431  
 Y CENTROID: 0.059  
 POA TO CENTROID: 0.435  
 HORZ SPREAD: 0.931  
 VERT SPREAD: 1.366  
 GROUP SPREAD: 1.380  
 MIN RADIUS: 0.036  
 MAX RADIUS: 0.739  
 MEAN RADIUS: 0.484  
 # IN 1 IN DIAMETER: 5  
 # IN 2 IN DIAMETER: 10  
 # in 3 IN DIAMETER: 10

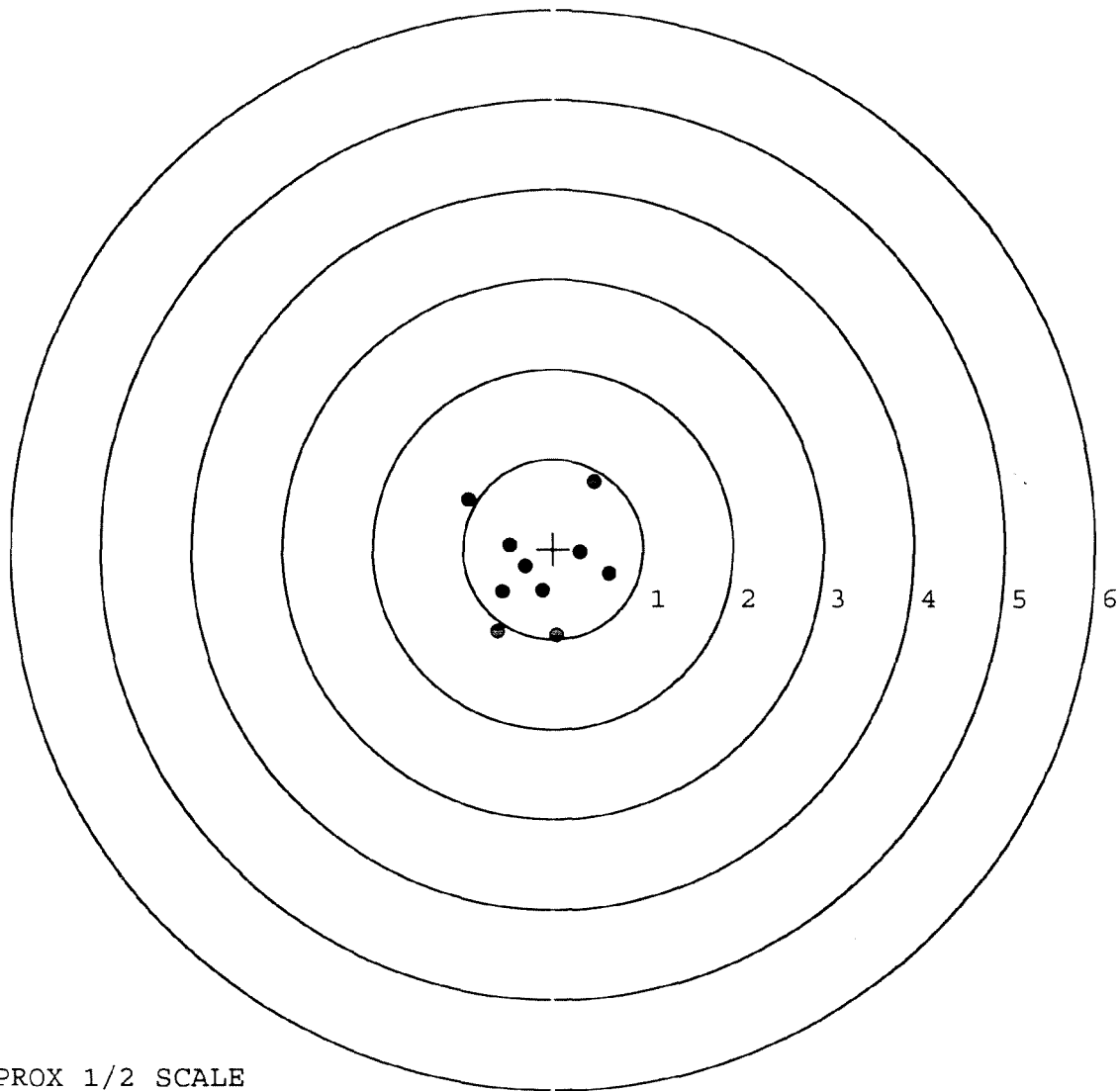


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348922. \_\_0  
 TARGET NUMBER: 3  
 FILE DATE: 10/15/2008  
 FILE TIME: 05:54

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.454  | 0.752  |
| 2:     | -0.943 | 0.550  |
| 3:     | -0.484 | 0.044  |
| 4:     | -0.312 | -0.195 |
| 5:     | -0.120 | -0.462 |
| 6:     | -0.562 | -0.479 |
| 7:     | -0.615 | -0.922 |
| 8:     | 0.041  | -0.966 |
| 9:     | 0.620  | -0.278 |
| 10:    | 0.298  | -0.034 |

X CENTROID: -0.162  
 Y CENTROID: -0.199  
 POA TO CENTROID: 0.257  
 HORZ SPREAD: 1.563  
 VERT SPREAD: 1.718  
 GROUP SPREAD: 1.986  
 MIN RADIUS: 0.150  
 MAX RADIUS: 1.133  
 MEAN RADIUS: 0.644  
 # IN 1 IN DIAMETER: 5  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 10



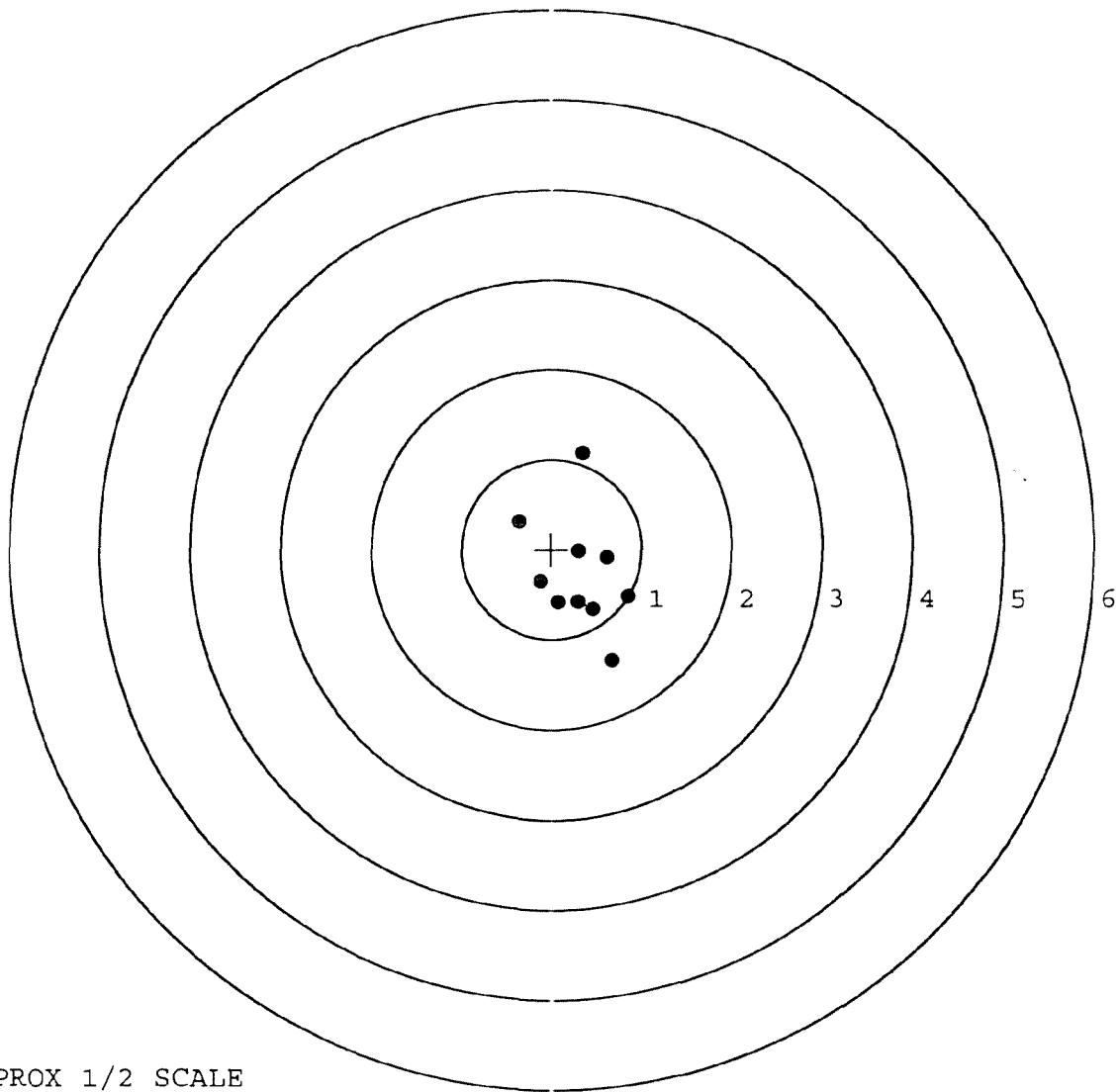
TARGET APPROX 1/2 SCALE

**BARBER - M24 0041672**

SERIAL NUMBER: C6348922. \_\_0  
 TARGET NUMBER: 4  
 FILE DATE: 10/15/2008  
 FILE TIME: 05:54

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.343  | 1.068  |
| 2:     | -0.365 | 0.311  |
| 3:     | 0.302  | -0.025 |
| 4:     | 0.619  | -0.095 |
| 5:     | 0.851  | -0.528 |
| 6:     | 0.671  | -1.240 |
| 7:     | 0.459  | -0.672 |
| 8:     | 0.296  | -0.593 |
| 9:     | 0.076  | -0.596 |
| 10:    | -0.123 | -0.364 |

X CENTROID: 0.313  
 Y CENTROID: -0.273  
 POA TO CENTROID: 0.416  
 HORZ SPREAD: 1.216  
 VERT SPREAD: 2.308  
 GROUP SPREAD: 2.331  
 MIN RADIUS: 0.249  
 MAX RADIUS: 1.342  
 MEAN RADIUS: 0.606  
 # IN 1 IN DIAMETER: 6  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0041673**

SERIAL NUMBER: C6348922. 0

TARGET NUMBER: 5

FILE DATE: 10/15/2008

FILE TIME: 05:54

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

|    |       |       |
|----|-------|-------|
| 1: | 0.122 | 1.071 |
|----|-------|-------|

|    |        |       |
|----|--------|-------|
| 2: | -0.099 | 0.824 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 3: | -0.176 | 0.314 |
|----|--------|-------|

|    |       |       |
|----|-------|-------|
| 4: | 0.330 | 0.342 |
|----|-------|-------|

|    |       |       |
|----|-------|-------|
| 5: | 0.458 | 0.198 |
|----|-------|-------|

|    |       |       |
|----|-------|-------|
| 6: | 0.616 | 0.115 |
|----|-------|-------|

|    |       |        |
|----|-------|--------|
| 7: | 0.085 | -0.251 |
|----|-------|--------|

|    |       |        |
|----|-------|--------|
| 8: | 0.256 | -0.545 |
|----|-------|--------|

|    |        |        |
|----|--------|--------|
| 9: | -0.174 | -0.530 |
|----|--------|--------|

|     |        |        |
|-----|--------|--------|
| 10: | -0.576 | -0.590 |
|-----|--------|--------|

X CENTROID: 0.084

Y CENTROID: 0.095

POA TO CENTROID: 0.127

HORZ SPREAD: 1.192

VERT SPREAD: 1.661

GROUP SPREAD: 1.802

MIN RADIUS: 0.340

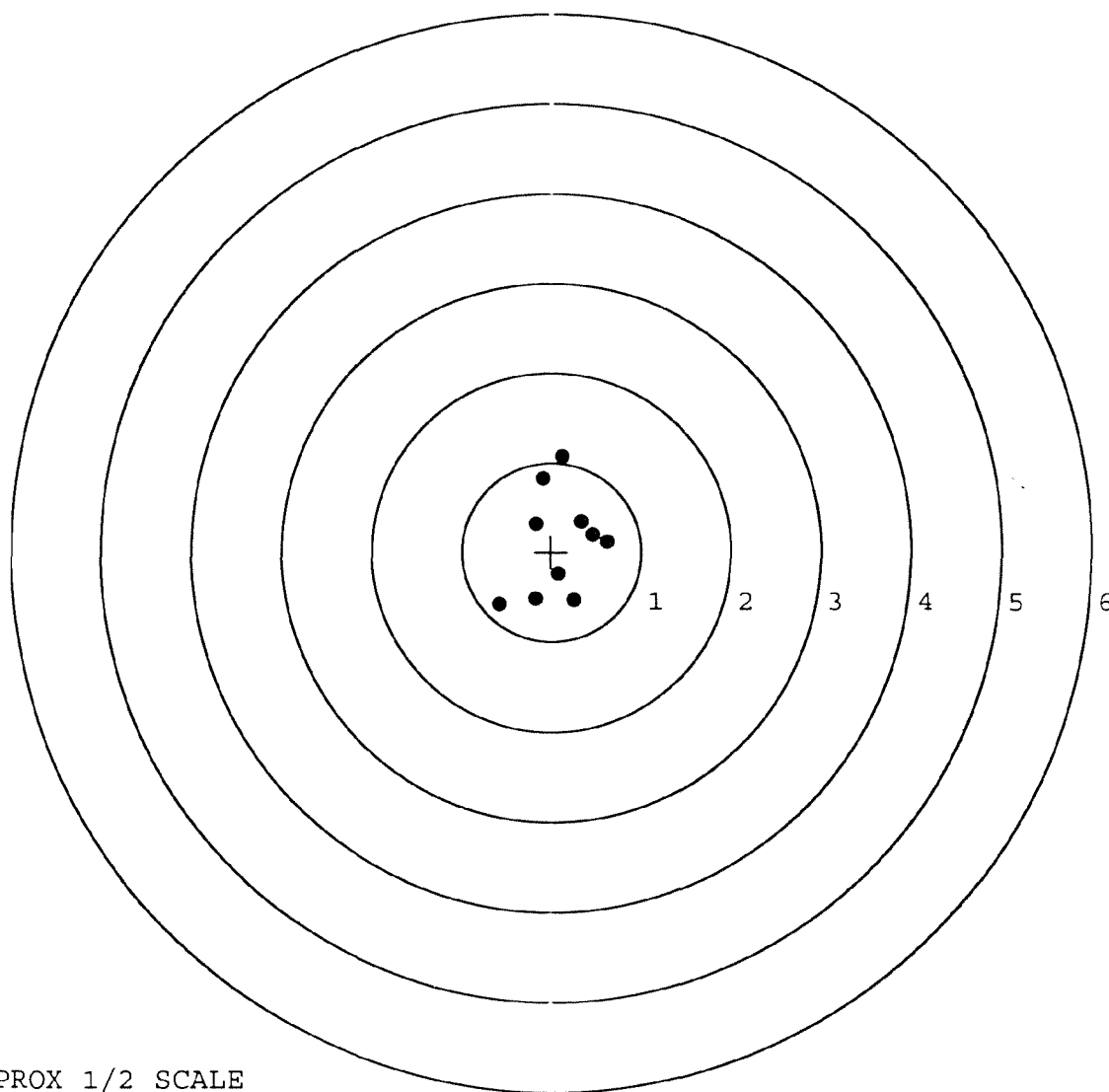
MAX RADIUS: 0.977

MEAN RADIUS: 0.597

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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: **RE00102723** Serial: C6348922 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 10/25/2005 11:08:13 AM

Verify Repair

**Address Information**

Customer: ☒ Received From Return To: ☐ Received From

Name: **COMMANDER** **COMMANDER**

Address 1: **CPT BENJAMIN MARLIN** **CPT BENJAMIN MARLIN**

Address 2: **CMR 457** **CMR 457** PO Box: **PO Box**

City: **APO AE** **APO AE**

State: **NJ** Zip Code: **09033** Country: **US** State: **NJ** Zip Code: **09033** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: **NA**

Fax:

Email:

Comments:

Received Condition

Condition: **Fair**

Condition Notes:

CSR Notes:

Accessories Received

| Code | Desc                    | Qty |
|------|-------------------------|-----|
| A009 | Soft Case               | 1   |
| A010 | Hard Case               | 1   |
| A017 | Scope Base              | 1   |
| A026 | Scope                   | 1   |
| A045 | Bi Pod                  | 1   |
| A057 | Front and Rear Sgt Base | 1   |
| C000 | SCOPE CASE              | 1   |

Repair Search Refresh Close

negletj 10/25/2005 12:44 PM CAPS NUM INS SCRL

start 2 4 5 ARMS SERVICES

Serial Number: **C6348922**

Model: **M24 SWS**



**RE00102723**

**BARBER - M24 0041675**

 AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS.

 2.50 LBS (plus or minus 0.50 LBS)  
 3.00 LBS (plus or minus 0.75 LBS)  
 4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO.

DATE 10-27-05

TESTER

R.P.

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER<br>50 CYCLES | FINAL TEST & TO RESET<br>2.50 LBS | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|----------|
| PULL #1 | 2.48                | 2.48                        | 2.43                              |          |
| PULL #2 | 2.44                | 2.36                        | 2.42                              |          |
| PULL #3 | 2.45                | 2.66                        | 2.48                              |          |
| PULL #4 | 2.62                | 2.57                        | 2.55                              |          |
| PULL #5 | 2.62                | 2.63                        | 2.44                              |          |
| TOTAL   | 12.61               | 12.70                       | 12.32                             |          |
| AVERAGE | 2.52                | 2.54                        | 2.46                              |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES | COMMENTS |
|---------|---------------------|-----------------------------|----------|
| PULL #1 | 3.06                | 3.02                        |          |
| PULL #2 | 2.92                | 3.05                        |          |
| PULL #3 | 2.93                | 3.11                        |          |
| PULL #4 | 3.09                | 3.15                        |          |
| PULL #5 | 3.11                | 3.17                        |          |
| TOTAL   | 15.11               | 15.50                       |          |
| AVERAGE | 3.02                | 3.10                        |          |

|         | 4.00 LBS<br>INITIAL | 4.00 LBS AFTER<br>20 CYCLES | MAX SETTING GREATER<br>THAN 4 LBS | RESET TO 4 LBS FOR<br>TARGET & ACCURACY |
|---------|---------------------|-----------------------------|-----------------------------------|-----------------------------------------|
| PULL #1 | 4.18                | 3.93                        |                                   | 4.07                                    |
| PULL #2 | 4.05                | 3.88                        |                                   | 3.98                                    |
| PULL #3 | 3.94                | 3.85                        |                                   | 4.00                                    |
| PULL #4 | 4.00                | 3.87                        |                                   | 4.04                                    |
| PULL #5 | 4.09                | 3.92                        |                                   | 3.98                                    |
| TOTAL   | 20.26               | 19.45                       |                                   | 20.07                                   |
| AVERAGE | 4.05                | 3.89                        |                                   | 4.01                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348922.\_\_\_0  
FILE DATE AND TIME: 11/15/2005 10:42

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

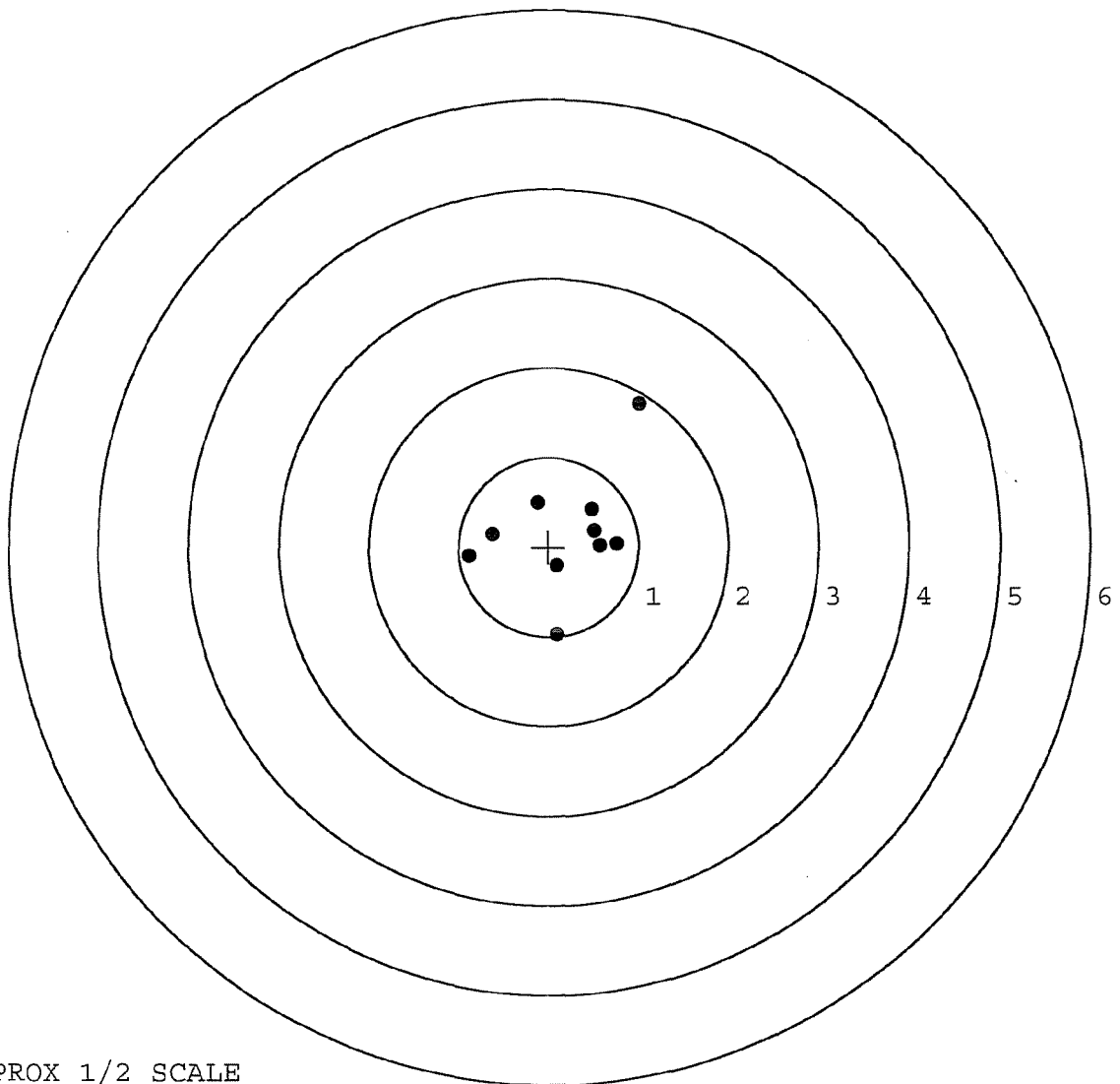
|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.298 |
| The Average Y Centroid of the Five Target Set:              | 0.033 |
| The Average Point of Impact of the Five Target Set:         | 0.300 |
| The Average Mean Radius of the Five Target Set:             | 0.874 |
| The Distance from POA to Centroid Target #1:                | 0.247 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.200 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.241 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.276 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.279 |

**BARBER - M24 0041677**

SERIAL NUMBER: C6348922. \_\_0  
 TARGET NUMBER: 1  
 FILE DATE: 11/15/2005  
 FILE TIME: 10:42

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.096  | -0.985 |
| 2:     | 0.096  | -0.209 |
| 3:     | -0.883 | -0.101 |
| 4:     | -0.632 | 0.145  |
| 5:     | -0.126 | 0.495  |
| 6:     | 1.004  | 1.598  |
| 7:     | 0.477  | 0.433  |
| 8:     | 0.758  | 0.042  |
| 9:     | 0.566  | 0.024  |
| 10:    | 0.501  | 0.191  |

X CENTROID: 0.186  
 Y CENTROID: 0.163  
 POA TO CENTROID: 0.247  
 HORZ SPREAD: 1.887  
 VERT SPREAD: 2.583  
 GROUP SPREAD: 2.738  
 MIN RADIUS: 0.317  
 MAX RADIUS: 1.652  
 MEAN RADIUS: 0.726  
 # IN 1 IN DIAMETER: 5  
 # IN 2 IN DIAMETER: 7  
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

**BARBER - M24 0041678**

SERIAL NUMBER: C6348922. \_\_0

TARGET NUMBER: 2

FILE DATE: 11/15/2005

FILE TIME: 10:42

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.670  | 0.206  |
| 2:     | 0.753  | 0.955  |
| 3:     | -0.649 | 1.278  |
| 4:     | -0.069 | 0.149  |
| 5:     | 0.050  | -0.165 |
| 6:     | -0.699 | -0.254 |
| 7:     | -0.241 | -0.786 |
| 8:     | -1.122 | -1.153 |
| 9:     | 1.454  | -0.614 |
| 10:    | 2.019  | 0.040  |

X CENTROID: 0.217

Y CENTROID: -0.034

POA TO CENTROID: 0.219

HORZ SPREAD: 3.141

VERT SPREAD: 2.431

GROUP SPREAD: 3.360

MIN RADIUS: 0.212

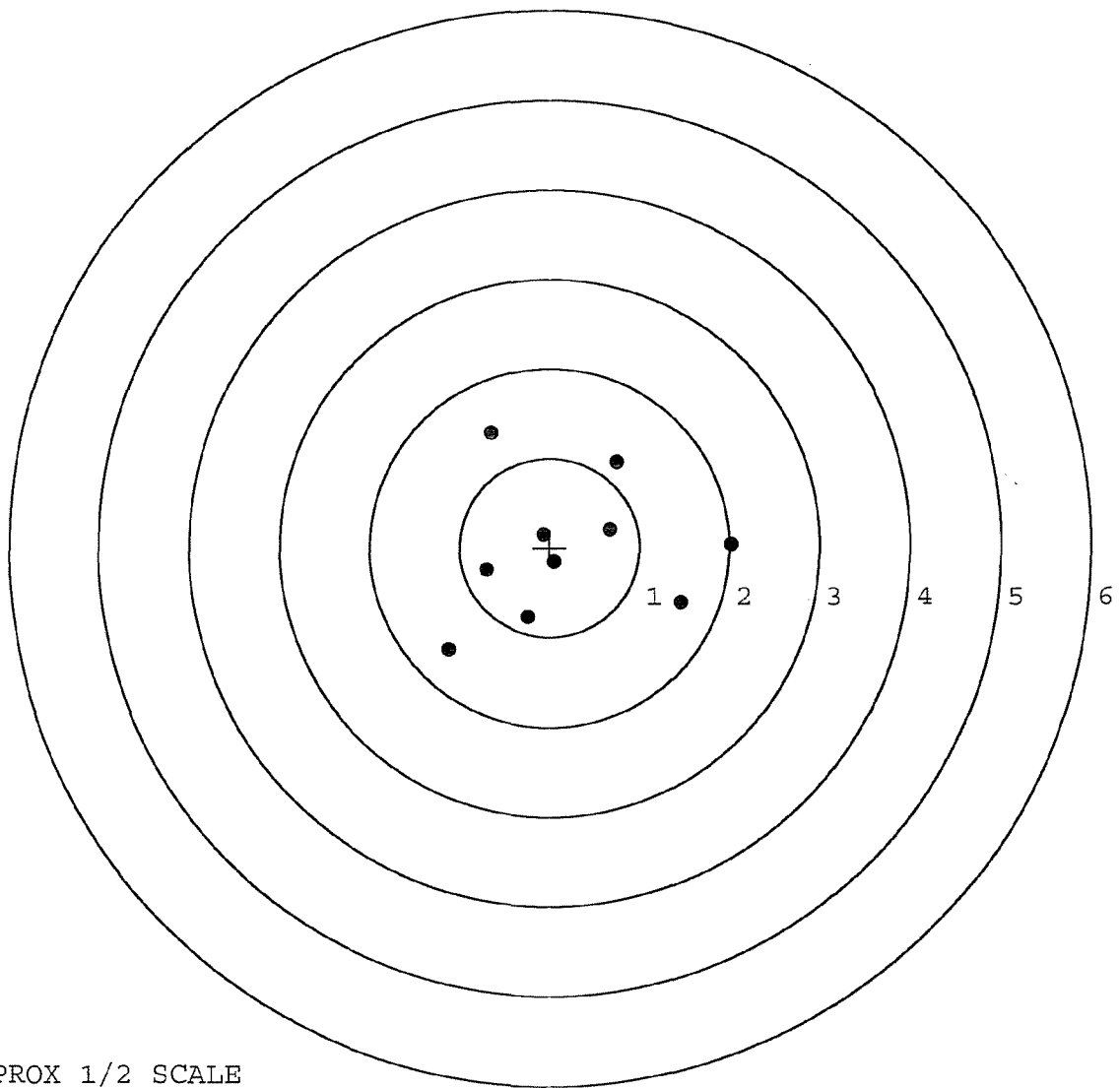
MAX RADIUS: 1.804

MEAN RADIUS: 1.050

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 5

# in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348922. \_\_0

TARGET NUMBER: 3

FILE DATE: 11/15/2005

FILE TIME: 10:42

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 2.713  | 0.566  |
| 2:     | 1.831  | 1.113  |
| 3:     | -0.200 | -0.577 |
| 4:     | -0.588 | -0.245 |
| 5:     | -0.272 | -0.031 |
| 6:     | -0.116 | 0.317  |
| 7:     | 0.123  | 0.237  |
| 8:     | 0.387  | 0.232  |
| 9:     | 0.709  | 0.118  |
| 10:    | -0.327 | 0.013  |

X CENTROID: 0.426

Y CENTROID: 0.174

POA TO CENTROID: 0.460

HORZ SPREAD: 3.301

VERT SPREAD: 1.690

GROUP SPREAD: 3.399

MIN RADIUS: 0.070

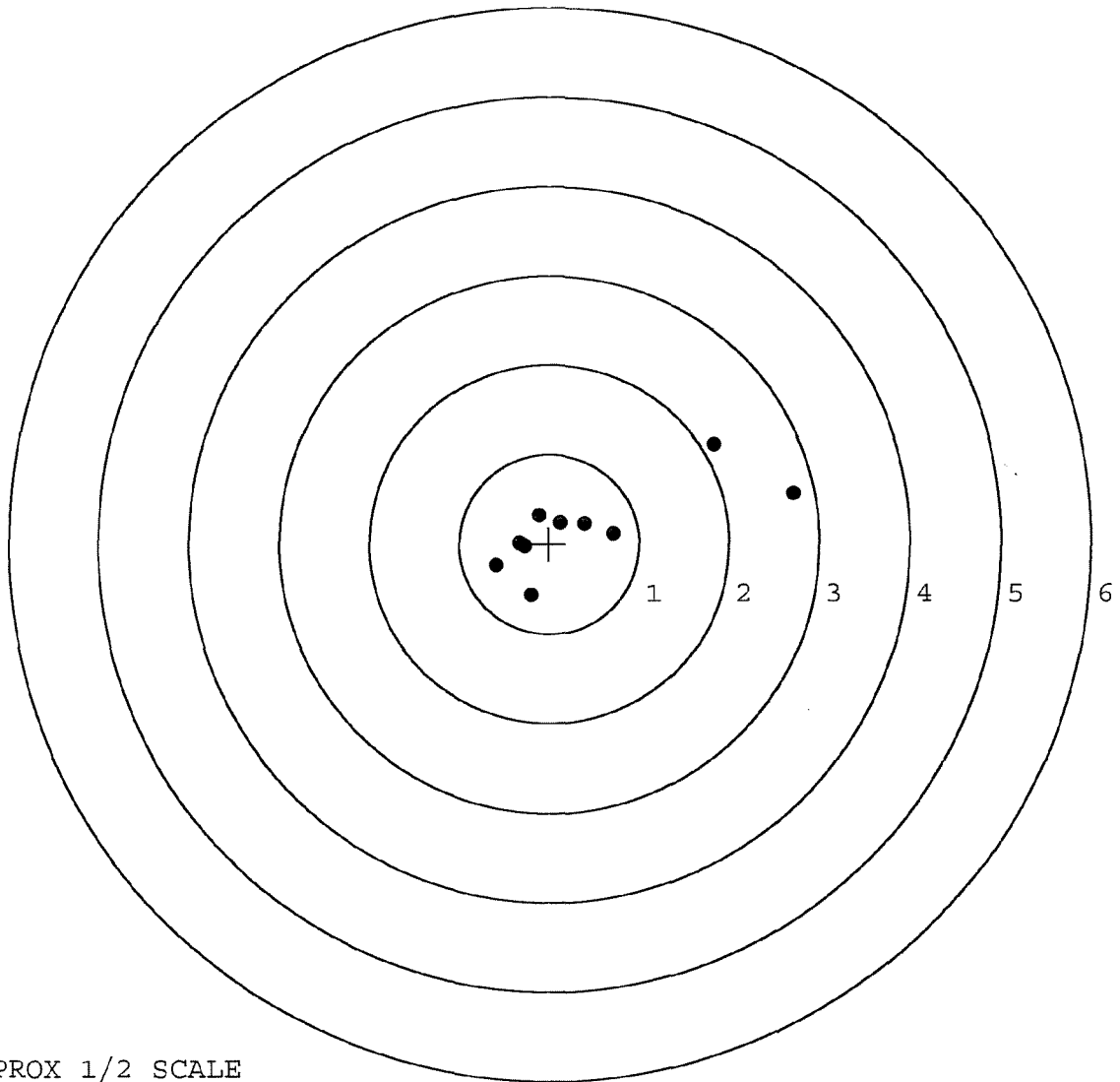
MAX RADIUS: 2.320

MEAN RADIUS: 0.881

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 8



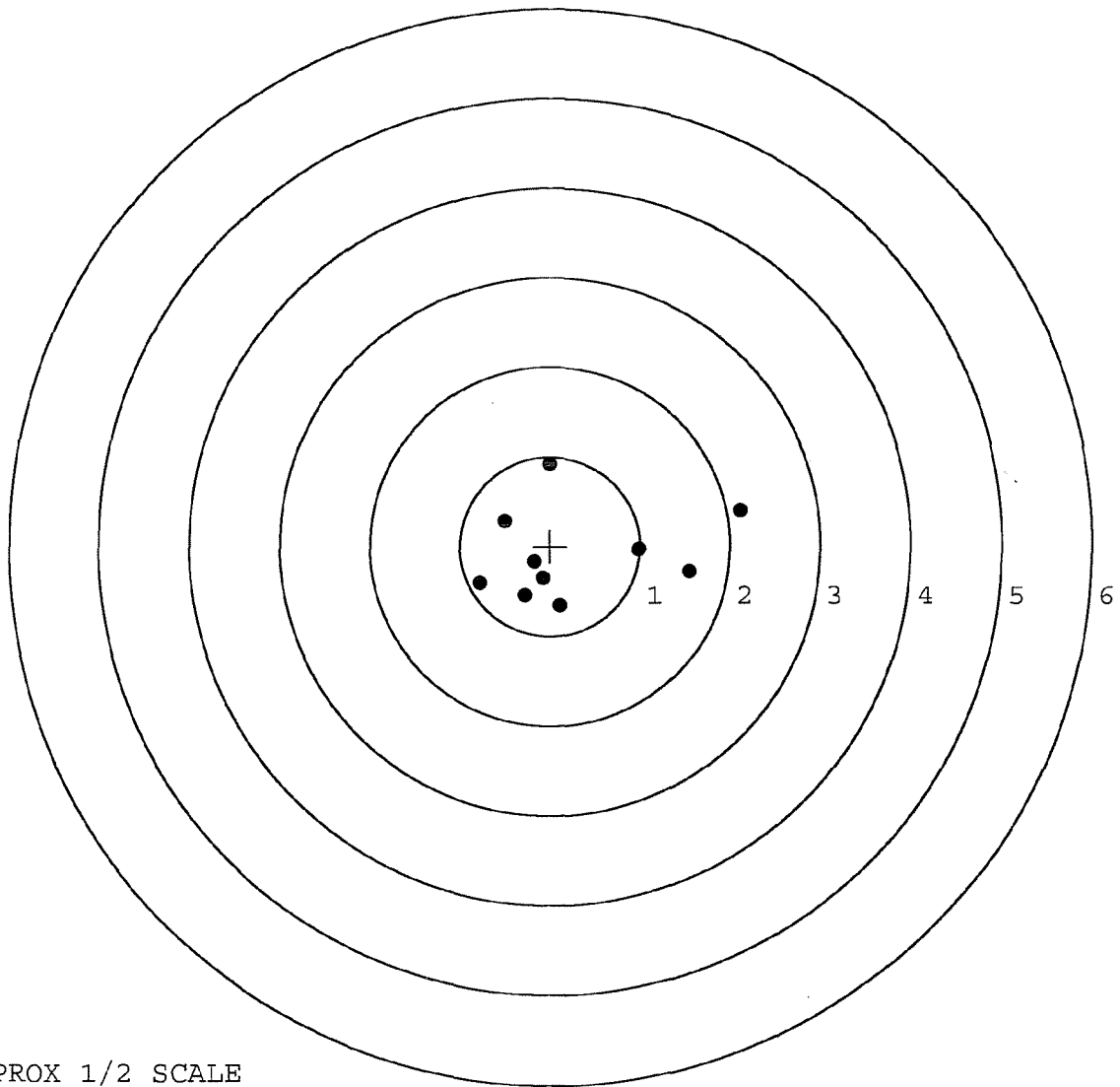
TARGET APPROX 1/2 SCALE

**BARBER - M24 0041680**

SERIAL NUMBER: C6348922. \_\_0  
 TARGET NUMBER: 4  
 FILE DATE: 11/15/2005  
 FILE TIME: 10:42

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 2.108  | 0.406  |
| 2:     | 1.547  | -0.284 |
| 3:     | 0.993  | -0.038 |
| 4:     | 0.000  | 0.919  |
| 5:     | -0.500 | 0.285  |
| 6:     | -0.778 | -0.417 |
| 7:     | 0.119  | -0.671 |
| 8:     | -0.274 | -0.559 |
| 9:     | -0.075 | -0.363 |
| 10:    | -0.171 | -0.176 |

X CENTROID: 0.297  
 Y CENTROID: -0.090  
 POA TO CENTROID: 0.310  
 HORZ SPREAD: 2.886  
 VERT SPREAD: 1.590  
 GROUP SPREAD: 3.001  
 MIN RADIUS: 0.461  
 MAX RADIUS: 1.878  
 MEAN RADIUS: 0.918  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 6  
 # in 3 IN DIAMETER: 9



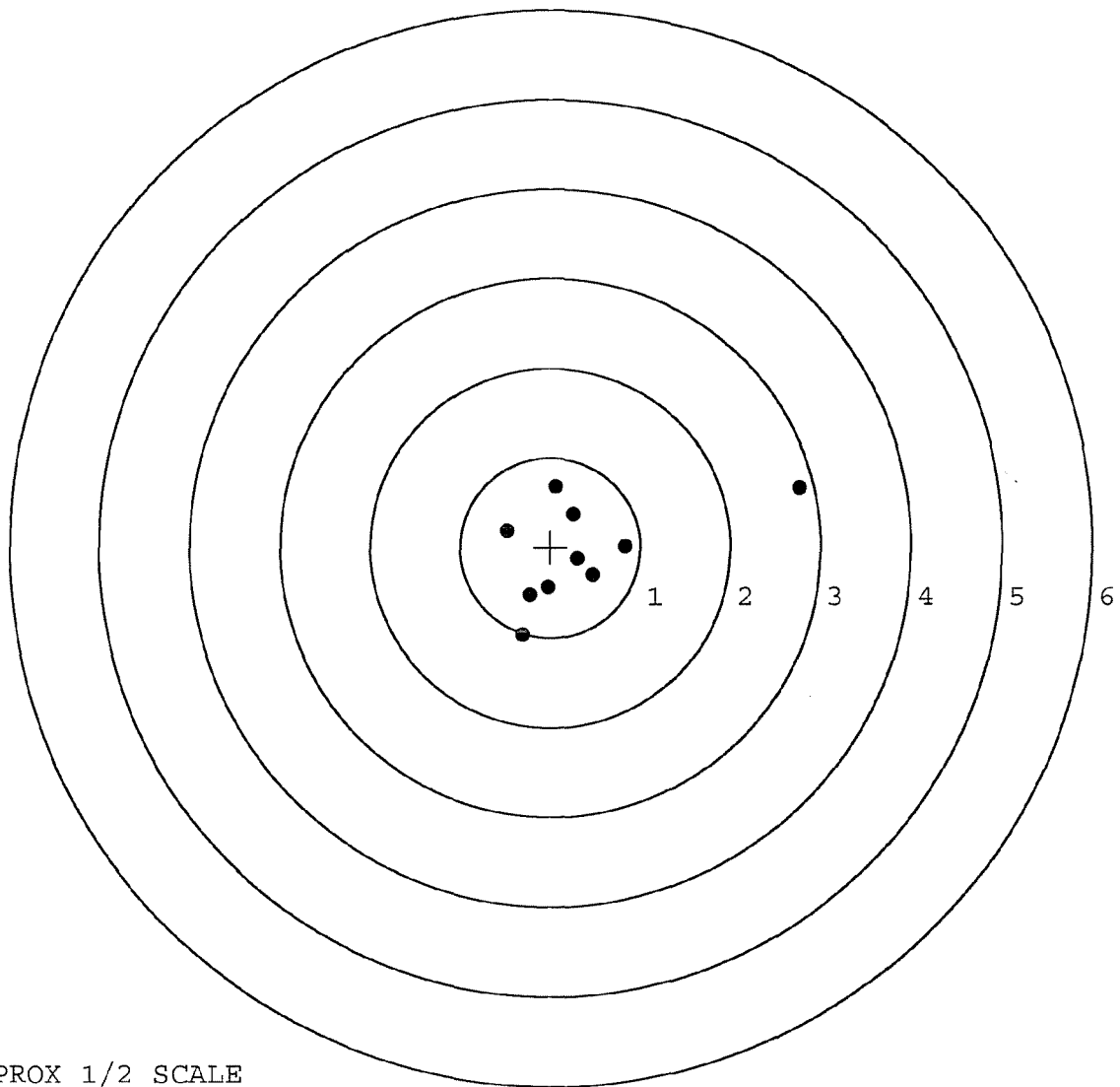
TARGET APPROX 1/2 SCALE

**BARBER - M24 0041681**

SERIAL NUMBER: C6348922. \_\_0  
 TARGET NUMBER: 5  
 FILE DATE: 11/15/2005  
 FILE TIME: 10:42

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.832  | 0.011  |
| 2:     | 0.479  | -0.307 |
| 3:     | 0.304  | -0.133 |
| 4:     | -0.021 | -0.448 |
| 5:     | -0.228 | -0.536 |
| 6:     | -0.308 | -0.975 |
| 7:     | 0.257  | 0.369  |
| 8:     | 0.064  | 0.680  |
| 9:     | -0.481 | 0.183  |
| 10:    | 2.763  | 0.661  |

X CENTROID: 0.366  
 Y CENTROID: -0.050  
 POA TO CENTROID: 0.369  
 HORZ SPREAD: 3.244  
 VERT SPREAD: 1.655  
 GROUP SPREAD: 3.480  
 MIN RADIUS: 0.104  
 MAX RADIUS: 2.500  
 MEAN RADIUS: 0.792  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

|                     |                    |           |          |
|---------------------|--------------------|-----------|----------|
| R & E NUMBER        | 162723             |           |          |
| SERIAL NUMBER       | C6348922           |           |          |
| LOG-IN DATE         | 10-25-05           |           |          |
| INSPECT AND VERIFY: |                    |           |          |
| OPERATION #         | OPERATION NAME     | DATE      | INITIALS |
| 550                 | DIS-ASSEMBLE GUN   | 11-2-05   | RTL      |
| 560 A               | RE-BARREL          | 11-4-05   | RTL      |
| B                   | DRILL AND TAP      | 11-8-05   | BR       |
| 575                 | ASSEMBLE           | 11-7-05   | CD       |
| 600                 | PROOF              | 11-7-05   | CD       |
| 605                 | CHECK HEADSPACE    | 11-7-05   | CD       |
| 610                 | DIS-ASSEMBLE GUN   | 11-7-05   | CD       |
| 612                 | MAGNAFLUX          | 11-8-05   | unl      |
| 615                 | ROLLMARK CALIBER   | 11-9-05   | CW       |
| 618                 | ROTO-BLAST         | 11-10-05  | LB       |
| 620                 | APPLY COATINGS     |           |          |
| 625 A               | FINAL ASSEMBLY     | 11-14-05  | RTL      |
| B                   | TRIGGER PULL TEST  | 11-15-05  | AC       |
| C                   | SAFETY "ON" FORCE  | 11-14-05  | AC       |
| D                   | SAFETY "OFF" FORCE | 11-15-05  | AC       |
| E                   | FIRING PIN INDENT  | 11-15-05  | AC       |
| 640                 | TARGET             | 11-15-05  | TRC      |
| 655                 | FINAL INSPECT      | 11-15-05  | AC       |
| 660                 | PACK               | 11-17-05  | AAA      |
|                     |                    | SHIP DATE |          |
| QAR INSPECTION DATE |                    |           |          |

| PACKING LIST                                                              |                                                 | PACKED BY               | 1. NO. BOXES               | 2a. REQUISITION NO.      |              |  |
|---------------------------------------------------------------------------|-------------------------------------------------|-------------------------|----------------------------|--------------------------|--------------|--|
|                                                                           |                                                 | Sgt. Rother             | 1                          | 2b. ORDER NO.            |              |  |
| 3. END ITEM                                                               |                                                 |                         |                            | 4. DATE                  |              |  |
| Soft, Gun Case                                                            |                                                 |                         |                            | 19 Oct 2005              |              |  |
|                                                                           |                                                 |                         |                            | 5. PAGE 1 OF 1 PAGES     |              |  |
| BOX NO.<br>(a)                                                            | CONTENTS - STOCK NUMBER AND NOMENCLATURE<br>(b) | UNIT OF<br>ISSUE<br>(c) | QUANTITIES REQUIRED        |                          |              |  |
|                                                                           |                                                 |                         | INITIAL<br>OPERATIO<br>(d) | RUNNING<br>SPARES<br>(e) | TOTAL<br>(f) |  |
| 1                                                                         | M24SW5 (6348922)                                | 1                       | -                          | -                        | 1            |  |
| 1                                                                         | M3A Scope (890650)                              | 1                       | -                          | -                        | 1            |  |
| 1                                                                         | Soft, gun Case                                  | 1                       | -                          | -                        | 1            |  |
| End                                                                       |                                                 |                         |                            |                          |              |  |
|                                                                           |                                                 |                         |                            |                          |              |  |
| 6. THIS CERTIFIES THAT ITEMS LISTED HEREON ARE WITHIN THE SPECIFIED BOXES |                                                 |                         |                            |                          |              |  |
| TYPED NAME AND TITLE                                                      |                                                 |                         | SIGNATURE                  |                          |              |  |
| Rother, Brett, SGT                                                        |                                                 |                         |                            |                          |              |  |

DD Form 1750, SEP 70

USAPPC V1.00

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

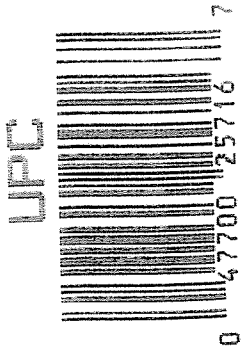
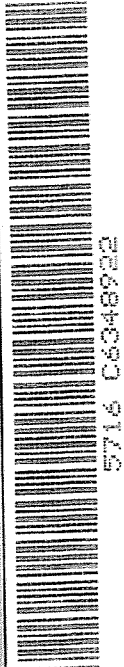
**MODEL 700™ M24**

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

**SERIAL NO.**  
 C6348922

**ORDER NO.**  
 5716

01



CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6348922

| OP. #        | OP. NAME                                                       | READINGS | DATE     | INIT |
|--------------|----------------------------------------------------------------|----------|----------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 9 14     | 89       | RW   |
| 600          | Proof                                                          | 9 14     | 89       | RW   |
| 607          | Check Headspace                                                | 9 14     | 89       | RW   |
| 610          | Dis-assemble Gun                                               |          |          | RW   |
| 612          | Magnaflux Barrel<br>Action                                     | 9-14-89  |          | KER  |
|              | Magnaflux Bolt                                                 | 9-14-89  |          | KER  |
| 615          | Rollmark Caliber                                               |          | 9-15-89  | GS   |
| 7            | Drill and Tap Sight Holes                                      | 9 15     | 89       | YB   |
| 618          | Polish Barrel                                                  | 9 15     | 89       | BT   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 9-25-89  | TJA  |
|              | Apply Coating (Bolt)                                           |          |          |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 9/26/89  | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 9/26/89  | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 9/26/89  | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 9/26/89  | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 2 Oct 89 | GS   |

| op. #        | OP. NAME                                                    | READINGS |       |      |     |     | DATE      | INIT |
|--------------|-------------------------------------------------------------|----------|-------|------|-----|-----|-----------|------|
| 625<br>cont. | F) Safety On Force                                          | 6        | 6     | 6    |     |     | 10/4/89   | JCL  |
|              | G) Safety Off Force                                         | 4        | 4     | 4    |     |     | 10/4/89   | JCL  |
|              | H) Trigger Pull Test & Retainability                        |          |       |      |     |     | 2 Oct 89  | JDS  |
|              | I) Firing Pin Indent                                        | .020     | .0205 | .020 |     |     | 10/4/89   | JCL  |
|              | J) Assemble Stock                                           |          |       |      |     |     | 10/5/89   | RW   |
|              | K) Assemble Swivel Studs                                    |          |       |      |     |     | 6 Oct 89  | JDS  |
|              | L) Attach Front and Rear Sight Assemblies                   |          |       |      |     |     | 10/5/89   | RW   |
|              | M) Iron Sight Alignment                                     |          |       |      |     |     | 10/5/89   | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |       |      |     |     | 10/5/89   | RW   |
|              | O) Attach Scope to Rifle                                    |          |       |      |     |     | 10/5/89   | JCL  |
|              | P) Detach & Attach Scope 20 Times                           |          |       |      |     |     | 10/5/89   | JCL  |
| 640          | Gallery Target & Test                                       |          |       |      |     |     | 10-5-89   | AC   |
|              | A) Time                                                     |          |       |      |     |     | 10-5-89   | AC   |
|              | B) Malfunctions                                             |          |       |      |     |     | 10-5-89   | AC   |
|              | C) Pierced Primers                                          |          |       |      |     |     | 10-5-89   | AC   |
|              | D) Optical Clarity of Scope                                 |          |       |      |     |     | 10-5-89   | AC   |
| 645          | Inspect for Live Ammo                                       |          |       |      |     |     | 10-5-89   | AC   |
| 655          | Final Inspection                                            |          |       |      |     |     |           |      |
|              | A) Headspace                                                |          |       |      |     |     | 6 Oct 89  | JDS  |
|              | B) Trigger Pull                                             | 258      | 231   | 253  | 247 | 243 | 6 Oct 89  | JDS  |
|              | C) Function                                                 |          |       |      |     |     | 6 Oct 89  | JDS  |
| 660          | Pack                                                        |          |       |      |     |     | 15 Dec 89 | JDS  |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

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

SERIAL NO. 16348925DATE 3-12-90TESTER JJ

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------------------------------------------------------------------------|
| PULL #1 | 2.25             | 2.39                     | 2.43                           | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.54             | 2.42                     | 2.45                           |                                                                        |
| PULL #3 | 2.36             | 2.39                     | 2.31                           |                                                                        |
| PULL #4 | 2.35             | 2.47                     | 2.46                           |                                                                        |
| PULL #5 | 2.36             | 2.44                     | 2.40                           |                                                                        |
| TOTAL   | 11.86            | 12.11                    | 12.05                          |                                                                        |
| AVG.    | 2.372            | 2.422                    | 2.41                           |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES | COMMENTS |
|---------|------------------|--------------------------|----------|
| PULL #1 | 3.33             | 3.24                     |          |
| PULL #2 | 3.14             | 3.16                     |          |
| PULL #3 | 3.40             | 3.23                     |          |
| PULL #4 | 3.31             | 3.16                     |          |
| PULL #5 | 3.12             | 3.19                     |          |
| TOTAL   | 16.30            | 15.98                    |          |
| AVG.    | 3.26             | 3.196                    |          |

|         | 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 | 4.53             | 4.49                     |                                | 4.42                                 |
| PULL #2 | 4.55             | 4.46                     |                                | 4.51                                 |
| PULL #3 | 4.45             | 4.32                     |                                | 4.41                                 |
| PULL #4 | 4.53             | 4.41                     |                                | 4.36                                 |
| PULL #5 | 4.46             | 4.43                     |                                | 4.43                                 |
| TOTAL   | 22.52            | 22.11                    |                                | 22.13                                |
| AVG.    | 4.504            | 4.422                    |                                | 4.426                                |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6348922  
5 Oct 1989

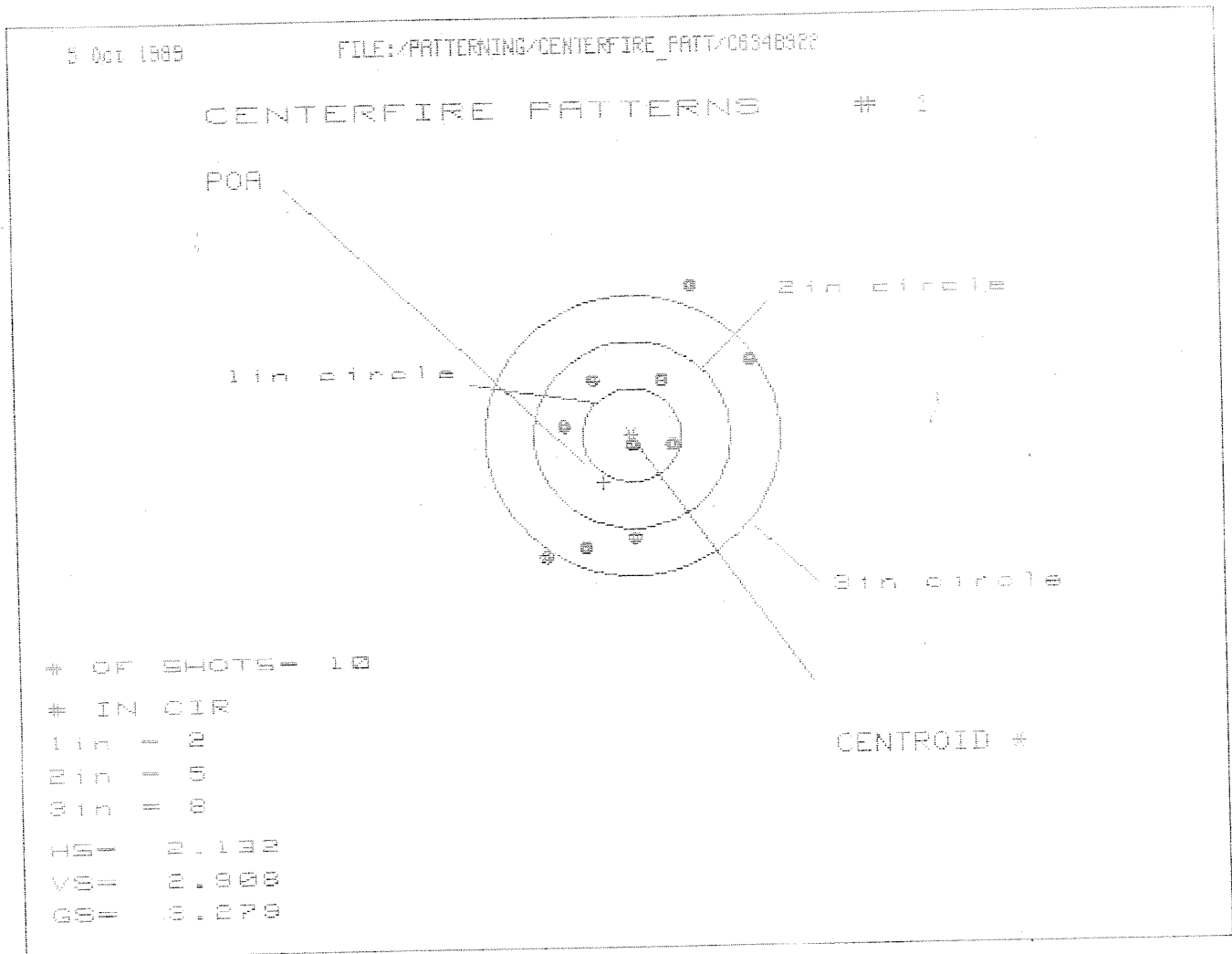
CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .5778   |
| 1 TO | 2 | .715316 |
| 1 TO | 3 | .779187 |
| 1 TO | 4 | 1.03614 |
| 1 TO | 5 | .594644 |

1  
3 4  
2 4

-----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1938  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.066  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .20473  
THE AMR FOR THIS RIFLE IS: .9524



| PATTERN #                   | 1      | 2      | 3      |
|-----------------------------|--------|--------|--------|
| SHOTS (BEST OF)             | 10     | 9      | 8      |
| MAXIMUM X                   | 1.191  | 1.254  | 1.145  |
| MINIMUM X                   | -.941  | -.878  | -.736  |
| MAXIMUM Y                   | 1.632  | 1.020  | .883   |
| MINIMUM Y                   | -1.276 | -1.094 | -1.171 |
| CENTROID X                  | .293   | .230   | .339   |
| CENTROID Y                  | .498   | .316   | .453   |
| POA TO CENTROID in.         | .578   | .391   | .566   |
| MIN RADIUS                  | .086   | .147   | .033   |
| MEAN RADIUS                 | .979   | .901   | .804   |
| MAX RADIUS                  | 1.731  | 1.617  | 1.446  |
| HORIZONTAL SPREAD           | 2.132  | 2.132  | 1.881  |
| VERTICAL SPREAD             | 2.908  | 2.114  | 2.054  |
| EXTREME SPREAD              | 3.279  | 3.002  | 2.671  |
| NUMBER IN ONE INCH CIRCLE   | = 2    |        |        |
| NUMBER IN TWO INCH CIRCLE   | = 5    |        |        |
| NUMBER IN THREE INCH CIRCLE | = 8    |        |        |

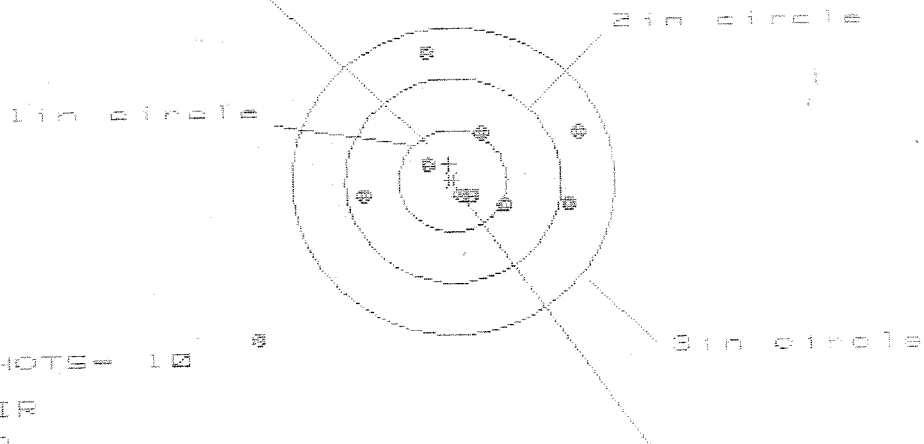
5 Oct 1989

FILE://PATTERNING/CENTERFIRE\_PATT/C834B922

## CENTERFIRE PATTERNS

# 2

POA



# OF SHOTS= 10

# IN CIR

1in = 3

2in = 5

3in = 2

CENTROID \*

HE= 2.833

VS= 2.768

GS= 3.548

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.148  | .950   | .890   |
| MINIMUM X                     | -1.785 | -1.047 | -1.187 |
| MAXIMUM Y                     | 1.224  | 1.052  | .462   |
| MINIMUM Y                     | -1.544 | -.398  | -.267  |
| CENTROID X                    | .032   | .230   | .289   |
| CENTROID Y                    | -.168  | .004   | -.128  |
| POA TO CENTROID in.           | .171   | .230   | .316   |
| MIN RADIUS                    | .143   | .318   | .214   |
| MEAN RADIUS                   | .843   | .665   | .580   |
| MAX RADIUS                    | 2.360  | 1.153  | 1.114  |
| HORIZONTAL SPREAD             | 2.933  | 1.997  | 1.997  |
| VERTICAL SPREAD               | 2.768  | 1.450  | .728   |
| EXTREME SPREAD                | 3.548  | 2.065  | 2.065  |
| NUMBER IN ONE INCH CIRCLE =   |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 9      |        |

5 Oct 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C8348922

## CENTERFIRE PATTERNS # 3

POB

1in circle

2in circle

3in circle

# OF SHOTS- 10

# IN CIR

1in = 1

2in = 6

3in = 9

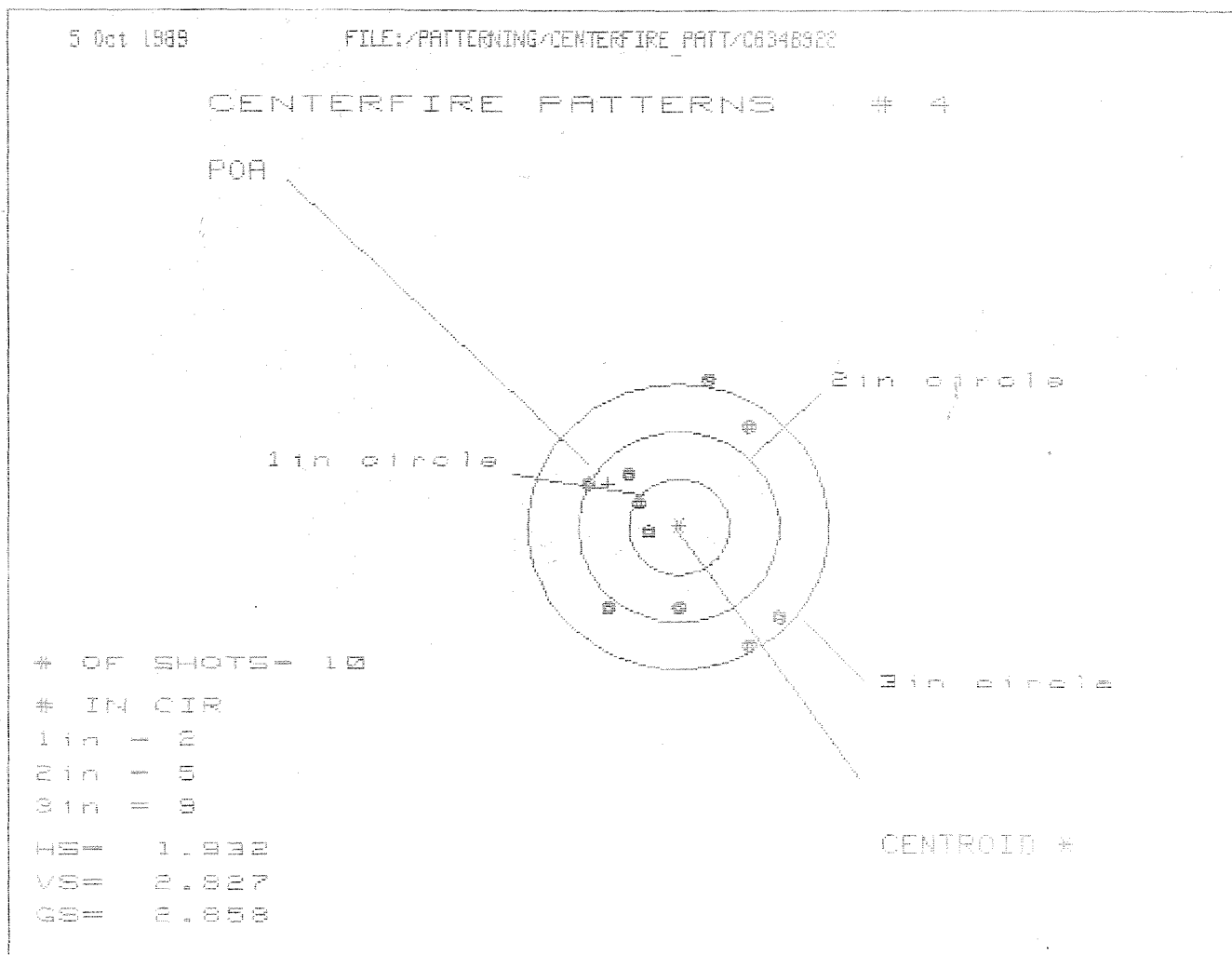
HS= 1.986

VS= 2.688

GS= 2.734

CENTROID #

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.127  | 1.141  | 1.091  |
| MINIMUM X                     | -0.859 | -0.845 | -0.895 |
| MAXIMUM Y                     | 1.096  | .920   | .883   |
| MINIMUM Y                     | -1.584 | -0.845 | -0.730 |
| CENTROID X                    | -0.000 | -0.014 | .036   |
| CENTROID Y                    | -.224  | -.048  | -.163  |
| POB TO CENTROID in.           | .224   | .050   | .167   |
| MIN RADIUS                    | .407   | .552   | .478   |
| MEAN RADIUS                   | .934   | .862   | .829   |
| MAX RADIUS                    | 1.589  | 1.171  | 1.100  |
| HORIZONTAL SPREAD             | 1.986  | 1.986  | 1.986  |
| VERTICAL SPREAD               | 2.688  | 1.765  | 1.613  |
| EXTREME SPREAD                | 2.734  | 2.005  | 2.005  |
| NUMBER IN ONE INCH CIRCLE =   |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 9      |        |

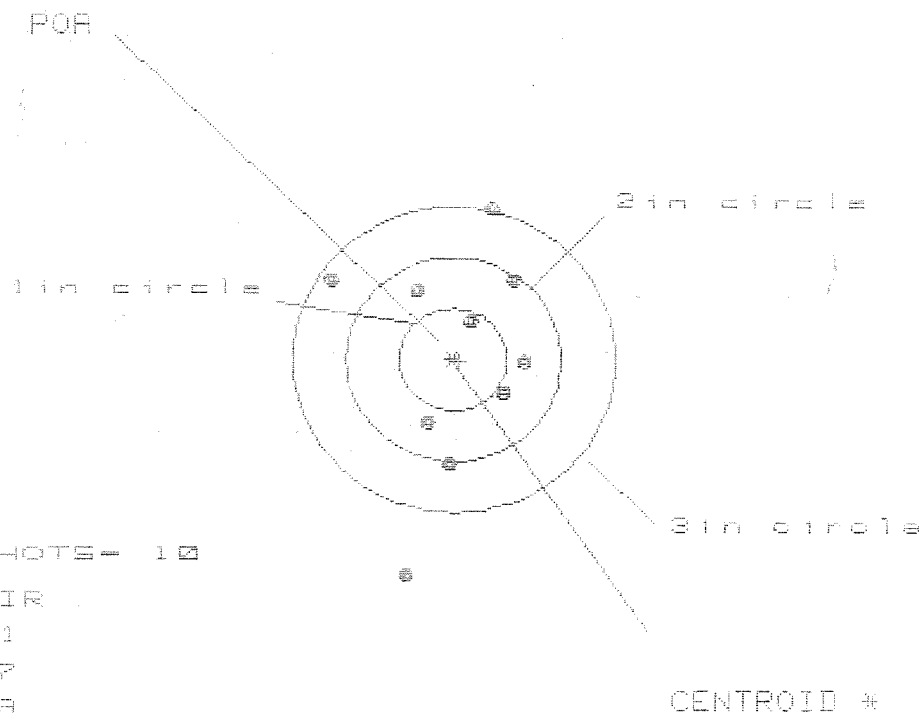


| PATTERN #                     | 4      |        |       |
|-------------------------------|--------|--------|-------|
| SHOTS (BEST OF)               | 10     | 9      | 8     |
| MAXIMUM X                     | 1.047  | 1.080  | 1.173 |
| MINIMUM X                     | -.885  | -.852  | -.759 |
| MAXIMUM Y                     | 1.588  | 1.190  | 1.057 |
| MINIMUM Y                     | -1.239 | -1.062 | -.899 |
| CENTROID X                    | .702   | .669   | .576  |
| CENTROID Y                    | -.454  | -.531  | -.498 |
| POA TO CENTROID in.           | .836   | .919   | .761  |
| MIN RADIUS                    | .289   | .284   | .159  |
| MEAN RADIUS                   | 1.014  | .937   | .852  |
| MAX RADIUS                    | 1.615  | 1.407  | 1.478 |
| HORIZONTAL SPREAD             | 1.932  | 1.932  | 1.932 |
| VERTICAL SPREAD               | 2.827  | 2.252  | 1.956 |
| EXTREME SPREAD                | 2.858  | 2.365  | 2.365 |
| NUMBER IN ONE INCH CIRCLE =   | 2      |        |       |
| NUMBER IN TWO INCH CIRCLE =   | 5      |        |       |
| NUMBER IN THREE INCH CIRCLE = | 9      |        |       |

5 Oct 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/06946982

## CENTERFIRE PATTERNS # 5



# OF SHOTS= 10

# IN CIR

1in = 1

2in = 7

3in = 9

HS= 1.8009

VS= 3.542

GS= 3.619

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.669

.622

.655

MINIMUM X

-1.140

-1.137

-1.154

MAXIMUM Y

1.436

1.202

.705

MINIMUM Y

-2.106

-1.204

-1.054

CENTROID X

-.058

-.011

-.044

CENTROID Y

.010

.252

.102

POA TO CENTROID in.

.061

.253

.111

MIN RADIUS

.417

.187

.035

MEAN RADIUS

.992

.831

.782

MAX RADIUS

2.149

1.295

1.333

HORIZONTAL SPREAD

1.809

1.809

1.809

VERTICAL SPREAD

3.542

2.406

1.759

EXTREME SPREAD

3.619

2.432

2.046

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

9