

G-6410238  
Replaced  
EC413522

## Repair Inquiry

Repair Number: RE00140414

Serial: G6410238 Model M24 SWS Center Fire  
Caliber: 7.62 NATO

Repairman:

Status: Closed 1/22/2008 3:15:43 PM

Verify Repair

High Priority

## Address Information

Customer:

Received From:

Return To:

Received From:

Name: TRANSPORTATION DIV, DFEL

TRANSPORTATION DIV, DFEL

Address 1: 6759 MITCHELL AVENUE

6759 MITCHELL AVENUE

Address 2: BLDG 1836

PO Box:

BLDG 1836

PO Box:

City: FORT BENNING

FORT BENNING

State: GA

Zip Code: 31905

Country: US

State: GA

Zip Code: 31905

Country: US

FFL:

## Contact / Condition

## Problems

## Estimate

## History / Status

## Shipping / Billing

## Contact Information

Phone: NN

Fax:

Email:

Comments:

## Received Condition

Poor

Condition

Notes:

CSR

Notes:

## Accessories Received

| Code | Desc                  | Qty |
|------|-----------------------|-----|
| A007 | With Stud             | 3   |
| A010 | Hard Case             | 1   |
| A017 | Scoope Base           | 1   |
| A057 | Fit and Rear Sgt Base | 1   |
| D000 | BI POD ALL BROKEN     | 1   |

nagletj

1/23/2008

1:05 PM

NUM

Serial Number: G6410238

Model: M24 SWS



RE00140414

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6410238.\_\_\_0  
FILE DATE AND TIME: 02/11/2008 14:29

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.132  |
| The Average Y Centroid of the Five Target Set:              | -0.055 |
| The Average Point of Impact of the Five Target Set:         | 0.143  |
| The Average Mean Radius of the Five Target Set:             | 0.809  |
| The Distance from POA to Centroid Target #1:                | 0.014  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.104  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.353  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.214  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.264  |

**BARBER - M24 0149068**

SERIAL NUMBER: G6410238. \_\_0

TARGET NUMBER: 1

FILE DATE: 02/11/2008

FILE TIME: 14:29

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.660  | -1.456 |
| 2:     | 1.033  | -0.482 |
| 3:     | 0.491  | 0.375  |
| 4:     | -0.068 | 0.386  |
| 5:     | -0.278 | 0.372  |
| 6:     | -0.870 | 0.600  |
| 7:     | -0.774 | 1.440  |
| 8:     | -0.251 | -0.404 |
| 9:     | -0.024 | -0.519 |
| 10:    | 0.138  | -0.439 |

X CENTROID: 0.006

Y CENTROID: -0.013

POA TO CENTROID: 0.014

HORZ SPREAD: 1.903

VERT SPREAD: 2.896

GROUP SPREAD: 3.232

MIN RADIUS: 0.405

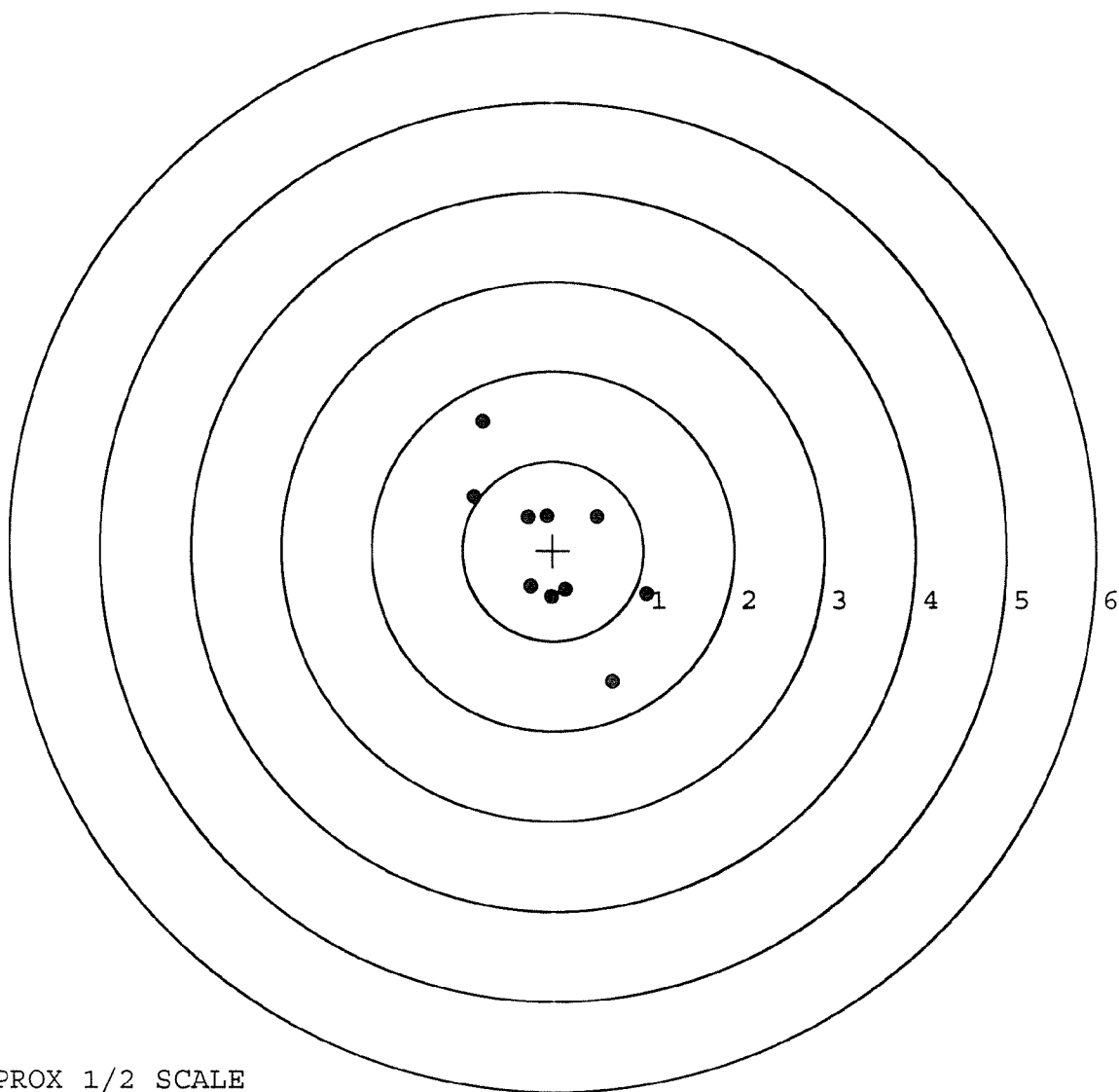
MAX RADIUS: 1.649

MEAN RADIUS: 0.836

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

**BARBER - M24 0149069**

SERIAL NUMBER: G6410238. \_\_0

TARGET NUMBER: 2

FILE DATE: 02/11/2008

FILE TIME: 14:29

X CENTROID: -0.036

Y CENTROID: 0.083

POA TO CENTROID: 0.091

HORZ SPREAD: 1.731

VERT SPREAD: 2.152

GROUP SPREAD: 2.456

MIN RADIUS: 0.296

MAX RADIUS: 1.342

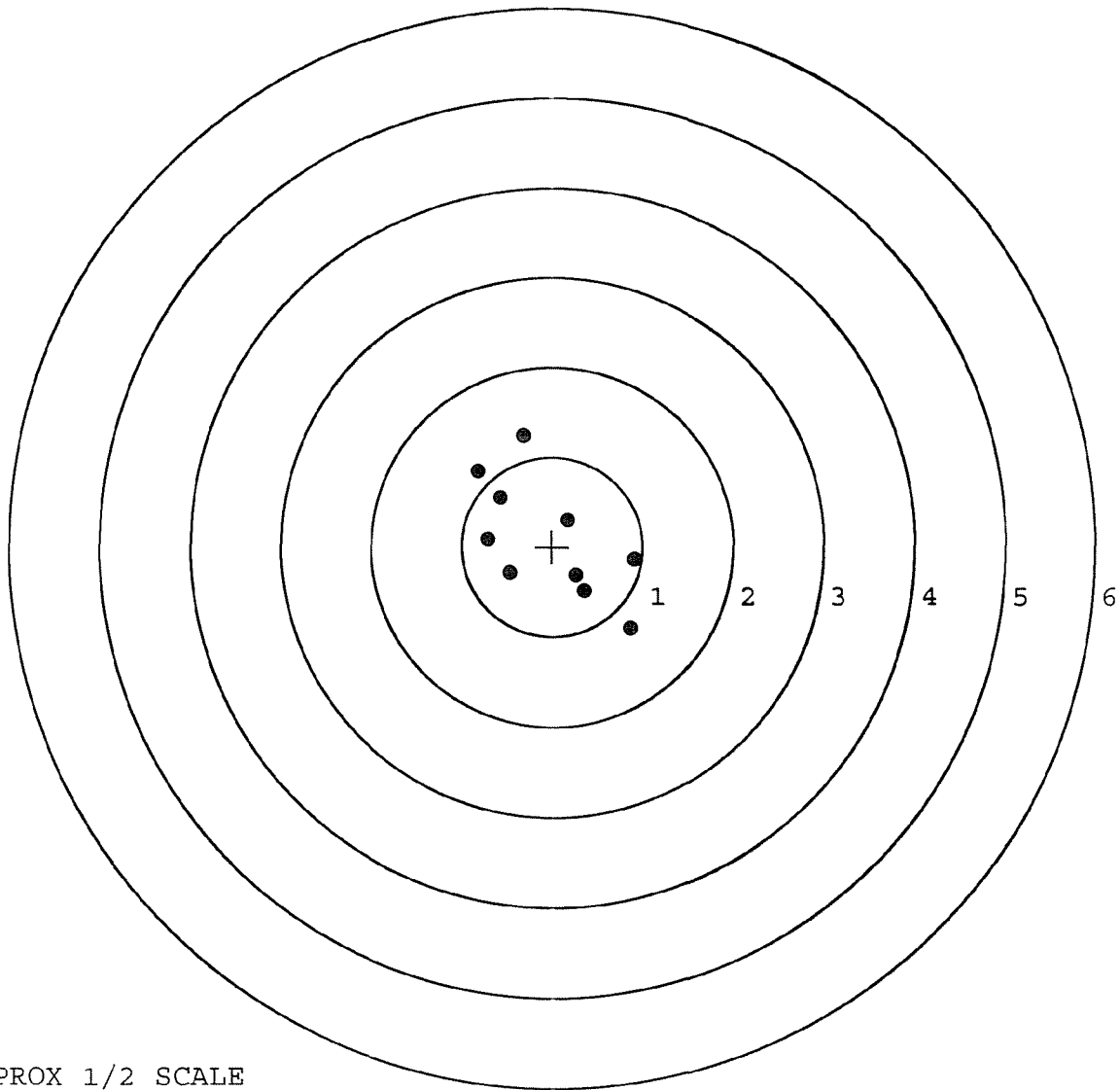
MEAN RADIUS: 0.808

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.861  | -0.915 |
| 2:     | 0.910  | -0.151 |
| 3:     | 0.355  | -0.497 |
| 4:     | 0.262  | -0.326 |
| 5:     | 0.167  | 0.299  |
| 6:     | -0.471 | -0.295 |
| 7:     | -0.719 | 0.084  |
| 8:     | -0.579 | 0.552  |
| 9:     | -0.821 | 0.844  |
| 10:    | -0.322 | 1.237  |



TARGET APPROX 1/2 SCALE

**BARBER - M24 0149070**

SERIAL NUMBER: G6410238. \_\_0

TARGET NUMBER: 3

FILE DATE: 02/11/2008

FILE TIME: 14:29

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.216  | 1.028  |
| 2:     | 0.845  | 0.190  |
| 3:     | 0.065  | 0.534  |
| 4:     | 0.121  | 0.173  |
| 5:     | 0.224  | -0.131 |
| 6:     | 0.011  | -0.413 |
| 7:     | -0.246 | -0.566 |
| 8:     | -0.340 | 0.204  |
| 9:     | -0.721 | -0.412 |
| 10:    | 2.403  | -0.967 |

X CENTROID: 0.358

Y CENTROID: -0.036

POA TO CENTROID: 0.360

HORZ SPREAD: 3.124

VERT SPREAD: 1.995

GROUP SPREAD: 3.173

MIN RADIUS: 0.164

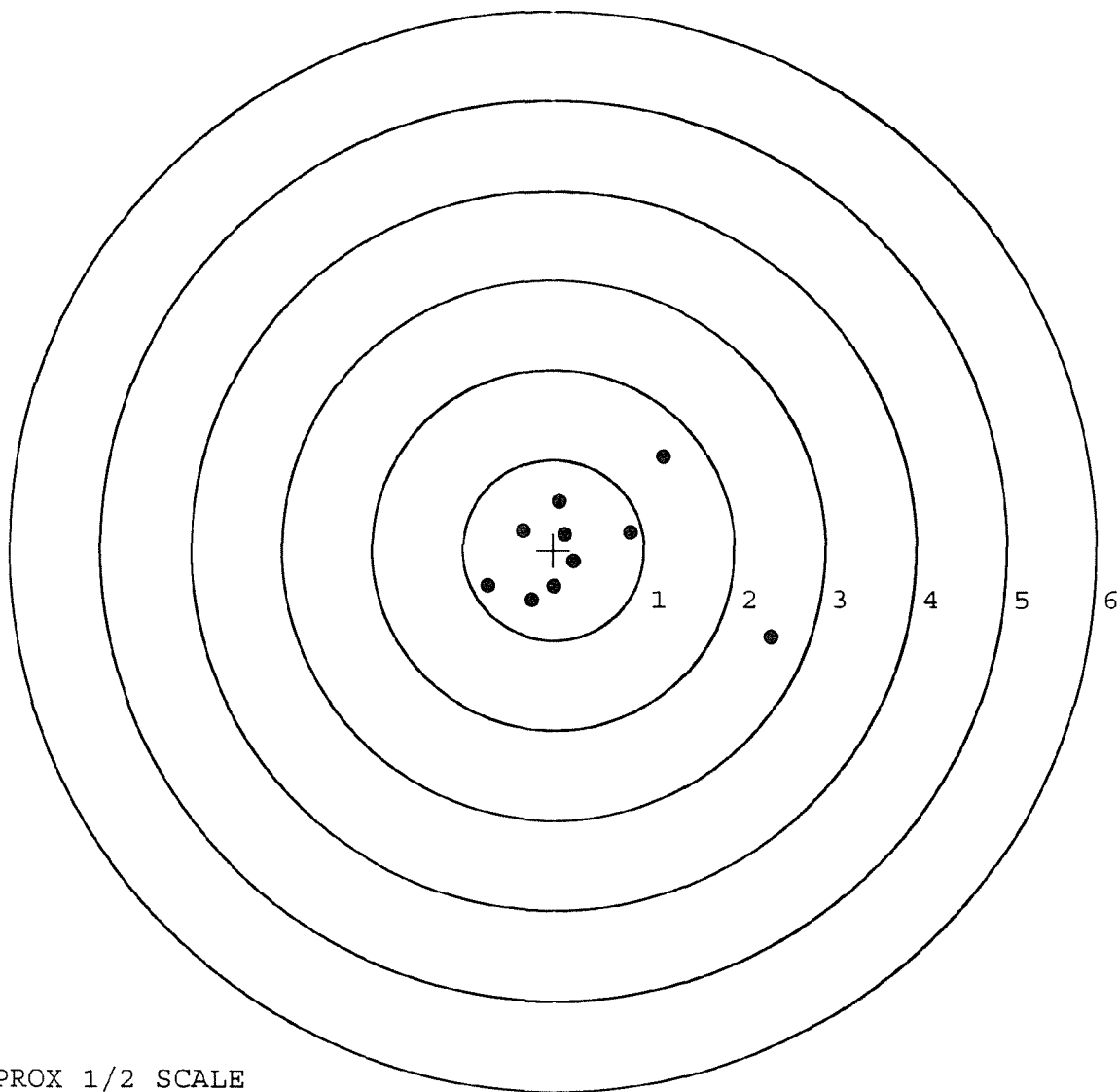
MAX RADIUS: 2.247

MEAN RADIUS: 0.847

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

**BARBER - M24 0149071**

SERIAL NUMBER: G6410238. \_\_0

TARGET NUMBER: 4

FILE DATE: 02/11/2008

FILE TIME: 14:29

X CENTROID: 0.077

Y CENTROID: -0.215

POA TO CENTROID: 0.228

HORZ SPREAD: 1.867

VERT SPREAD: 1.331

GROUP SPREAD: 2.134

MIN RADIUS: 0.112

MAX RADIUS: 1.146

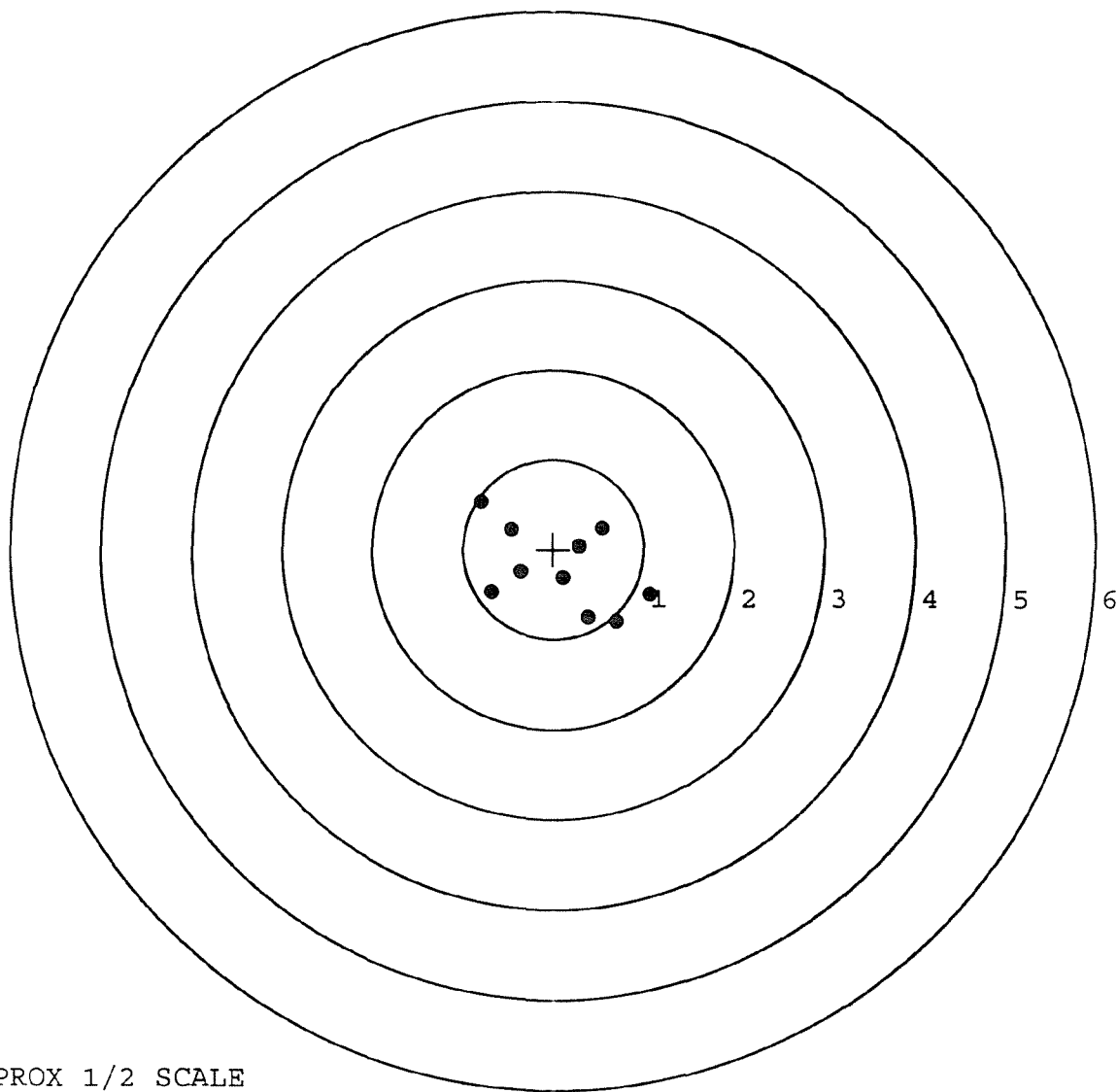
MEAN RADIUS: 0.670

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.067  | -0.509 |
| 2:     | 0.698  | -0.807 |
| 3:     | 0.535  | 0.234  |
| 4:     | 0.286  | 0.036  |
| 5:     | 0.112  | -0.321 |
| 6:     | -0.366 | -0.258 |
| 7:     | -0.682 | -0.493 |
| 8:     | -0.467 | 0.215  |
| 9:     | -0.800 | 0.524  |
| 10:    | 0.384  | -0.766 |



TARGET APPROX 1/2 SCALE

BARBER - M24 0149072 0

SERIAL NUMBER: 06410258.0  
TARGET NUMBER: 5

FILE DATE: 02/11/2008

FILE TIME: 14:29

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.971  | 0.673  |
| 2:     | 1.070  | -0.569 |
| 3:     | 0.502  | -1.032 |
| 4:     | 0.320  | 1.252  |
| 5:     | 0.190  | 0.373  |
| 6:     | -0.235 | 0.092  |
| 7:     | 0.045  | -0.112 |
| 8:     | -0.148 | -0.278 |
| 9:     | -0.434 | -0.617 |
| 10:    | -0.718 | -0.749 |

X CENTROID: 0.256

Y CENTROID: -0.097

POA TO CENTROID: 0.274

HORZ SPREAD: 2.689

VERT SPREAD: 2.284

GROUP SPREAD: 3.042

MIN RADIUS: 0.212

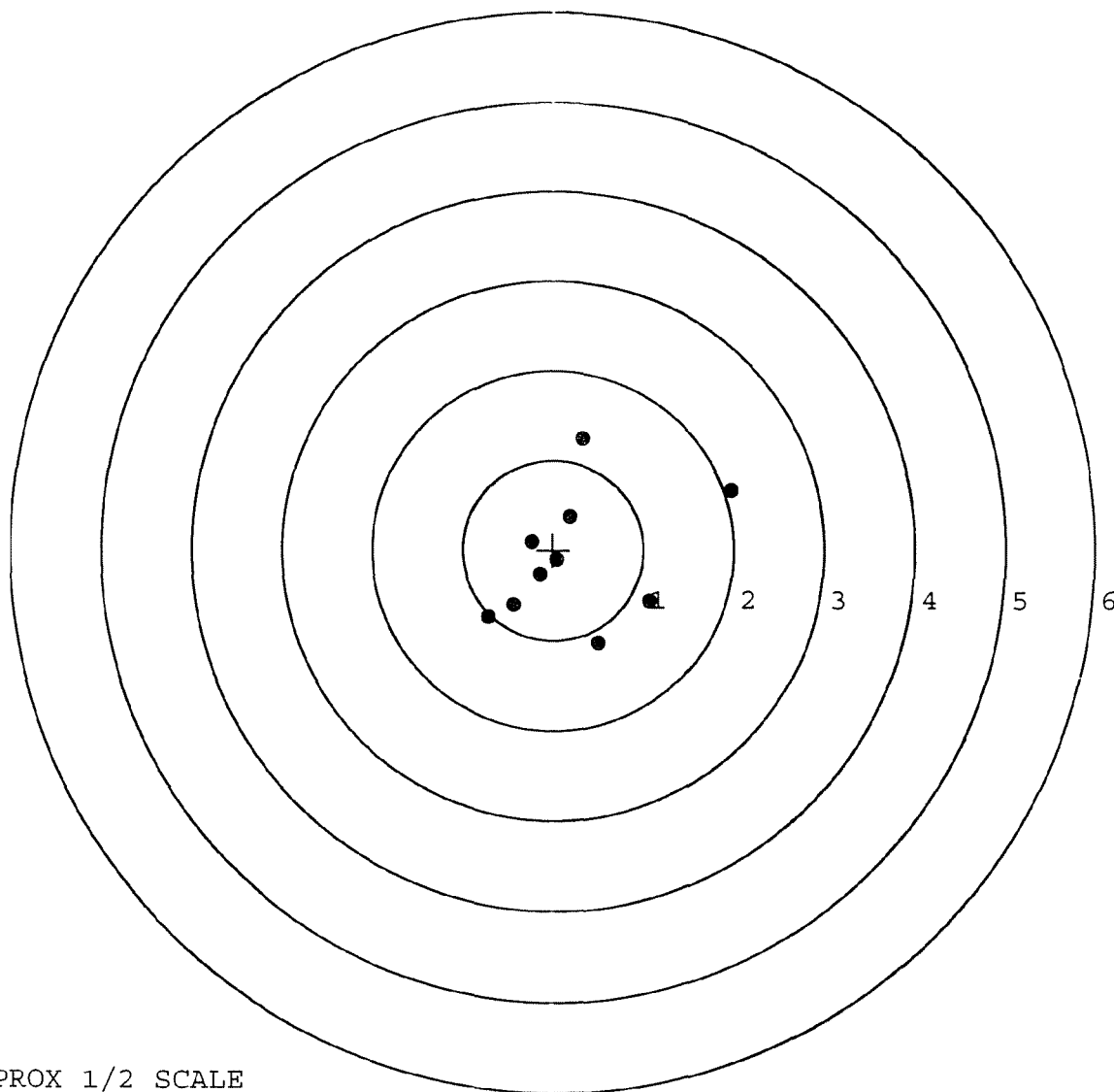
MAX RADIUS: 1.880

MEAN RADIUS: 0.883

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE



R & E NUMBER 00140414SERIAL NUMBER 66410238LOG-IN DATE 1-22-08

| OPERATION # | OPERATION NAME       | DATE                             | INITIAL    |
|-------------|----------------------|----------------------------------|------------|
| 500         | DIS-ASSEMBLE GUN     | 1-24-08                          | R.P.D.     |
| 505         | RE-BARREL            | 1-25-08                          | R.P.D.     |
| 560         | ASSEMBLE             | 1-30-08                          | TRW        |
| 600         | PROOF                | 1-30-08                          | TRW        |
| 605         | CHECK HEADSPACE      | 1-30-08                          | TRW        |
| 610         | DIS-ASSEMBLE GUN     | 1-30-08                          | R.P.D.     |
| 612         | MAGNAFLUX            | 2-1-08                           | JG         |
| 510         | DRILL AND TAP        | 1-30-08                          | TRW        |
| 615         | ROLLMARK CALIBER     | 1-30-08                          | CW         |
| 618         | ROTO-BLAST           | 2-4-08                           | SL         |
| 620         | APPLY COATINGS       | 2-6-08                           | CW         |
| 625         | FINAL ASSEMBLY       | 2-7-08                           | RTZ        |
| 640         | FUNCTION TEST AND    | (PASS) FAIL                      | 2-8-08 TRW |
| 650         | TARGET               | (PASS) FAIL                      | 2-8-08 TRW |
|             | MALFUNCTION          | CORRECTION                       |            |
|             | MALFUNCTION          | CORRECTION                       |            |
|             | MALFUNCTION          | CORRECTION                       |            |
|             | MALFUNCTION          | CORRECTION                       |            |
| 670         | FINAL INSPECTION     | 2-8-08                           | R.P.       |
|             | A) HEADSPACE         | (PASS) FAIL                      | 2-12-08 DA |
|             | B) TRIGGER PULL      | 2.59 2.60 2.54 2.53 2.55 2-12-08 | DA         |
|             | C) SAFETY ON FORCE   | 50 45 45 2-12-08                 | DA         |
|             | D) SAFETY OFF FORCE  | 20 20 20 2-12-08                 | DA         |
|             | I) FIRING PIN INDENT | .023 .0232 .023 2-12-08          | DA         |
| 690         | PACK                 | 12-19-08                         | FM         |

## Repair Inquiry

Repair Number: RE00111254

Serial: E6413522 Model M24 SWS Center Fire  
Caliber: 7.62 NATO

Repairman:

Status:

Closed 4/19/2006 11:56:29 AM

## Address Information

Customer:

Received From

Return To:

Received From

Name: TRANSPORTATION DIVISION DFEL

TRANSPORTATION DIVISION DFEL

Address 1: 6759 MITCHELL AVENUE

6759 MITCHELL AVENUE

Address 2: BLDG 1836

PO Box:

BLDG 1836

PO Box:

City: FORT BENNING

FORT BENNING

State: GA

Zip Code: 31905

Country: US

State: GA

Zip Code: 31905

Country: US

FFL:

## Contact / Condition

## Problems

## Estimate

## History / Status

## Shipping / Billing

## Contact Information

Phone: NA

Fax:

Email:

Comments:

## Received Condition

Fair

Condition  
Notes:CSR  
Notes:

## Accessories Received

| Code | Desc             | Qty |
|------|------------------|-----|
| A007 | With Stud        | 3   |
| A010 | Hard Case        | 1   |
| A017 | Scope Base       | 1   |
| A026 | Scope            | 1   |
| A045 | Bi Pod           | 1   |
| B000 | FRONT AND REAR E | 2   |

Repair Search

Refresh

Close

naglej

4/20/2006

7:31 AM

CAPS

NUM

INS

SCRL



Arms Services Repair ...



7:31 AM

G 6410238 (New)

Serial Number: **E6413522**

Model: M24 SWS



RE00111254

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6410238.\_\_\_1

FILE DATE AND TIME: 05/17/2006 04:38

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

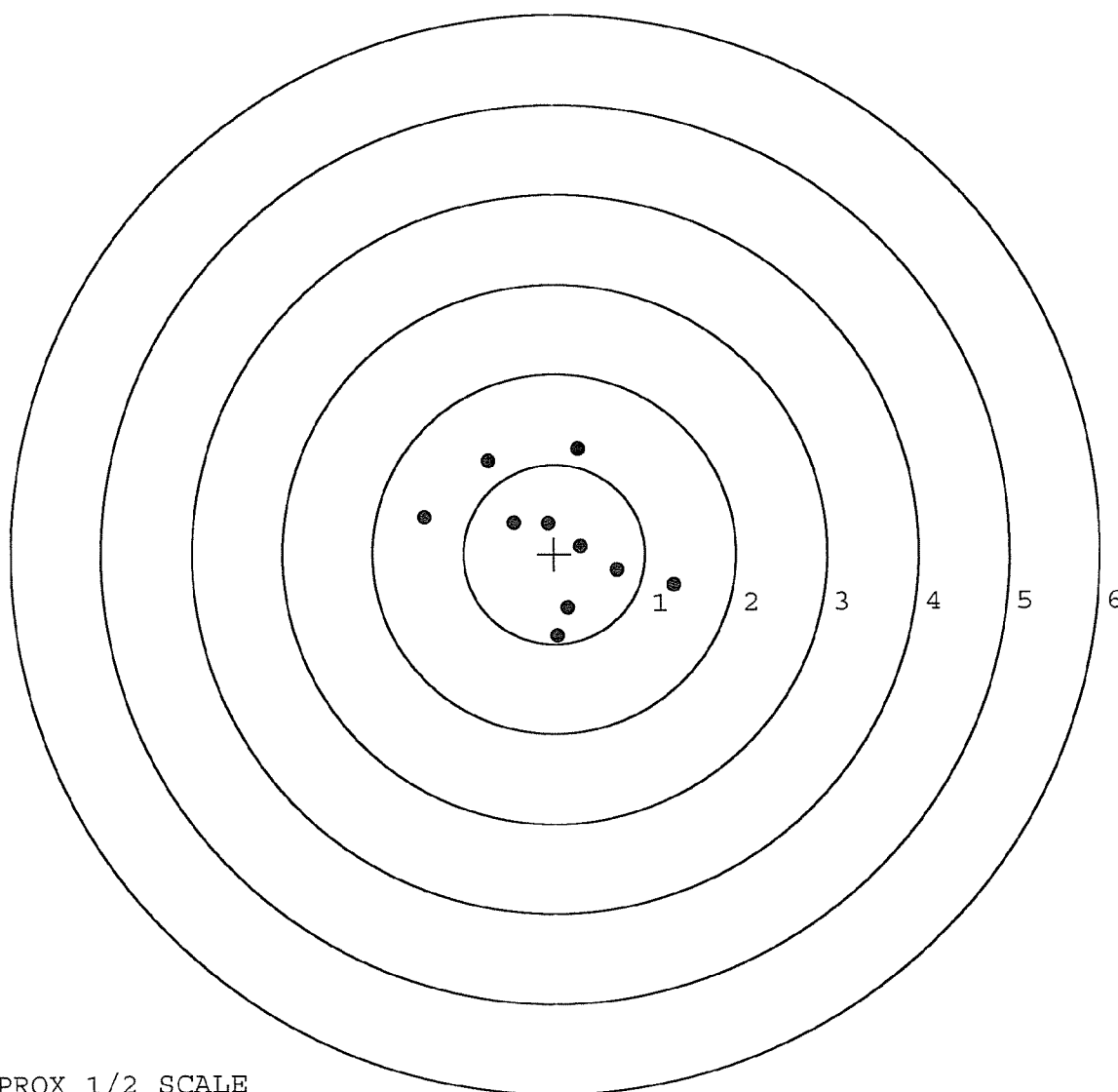
|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.017 |
| The Average Y Centroid of the Five Target Set:              | 0.031 |
| The Average Point of Impact of the Five Target Set:         | 0.036 |
| The Average Mean Radius of the Five Target Set:             | 0.730 |
| The Distance from POA to Centroid Target #1:                | 0.134 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.231 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.055 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.245 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.180 |

**BARBER - M24 0149076**

SERIAL NUMBER: G6410238. 1  
 TARGET NUMBER: 1  
 FILE DATE: 05/17/2006  
 FILE TIME: 04:38

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.319  | -0.358 |
| 2:     | 0.693  | -0.183 |
| 3:     | 0.291  | 0.084  |
| 4:     | 0.151  | -0.603 |
| 5:     | 0.036  | -0.917 |
| 6:     | -0.072 | 0.344  |
| 7:     | -0.444 | 0.352  |
| 8:     | -1.428 | 0.409  |
| 9:     | -0.722 | 1.036  |
| 10:    | 0.265  | 1.169  |

X CENTROID: 0.009  
 Y CENTROID: 0.133  
 POA TO CENTROID: 0.134  
 HORZ SPREAD: 2.747  
 VERT SPREAD: 2.086  
 GROUP SPREAD: 2.852  
 MIN RADIUS: 0.226  
 MAX RADIUS: 1.463  
 MEAN RADIUS: 0.866  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 5  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0149077**

SERIAL NUMBER: G6410238. \_\_1

TARGET NUMBER: 2

FILE DATE: 05/17/2006

FILE TIME: 04:38

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

|    |       |       |
|----|-------|-------|
| 1: | 0.802 | 0.406 |
|----|-------|-------|

|    |       |       |
|----|-------|-------|
| 2: | 0.063 | 1.177 |
|----|-------|-------|

|    |        |       |
|----|--------|-------|
| 3: | -0.329 | 0.655 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 4: | -0.268 | 0.125 |
|----|--------|-------|

|    |       |        |
|----|-------|--------|
| 5: | 0.330 | -0.146 |
|----|-------|--------|

|    |       |        |
|----|-------|--------|
| 6: | 0.116 | -0.457 |
|----|-------|--------|

|    |        |        |
|----|--------|--------|
| 7: | -0.635 | -0.304 |
|----|--------|--------|

|    |        |        |
|----|--------|--------|
| 8: | -0.519 | -0.395 |
|----|--------|--------|

|    |        |        |
|----|--------|--------|
| 9: | -0.500 | -0.626 |
|----|--------|--------|

|     |        |        |
|-----|--------|--------|
| 10: | -0.474 | -0.858 |
|-----|--------|--------|

X CENTROID: -0.141

Y CENTROID: -0.042

POA TO CENTROID: 0.148

HORZ SPREAD: 1.437

VERT SPREAD: 2.035

GROUP SPREAD: 2.105

MIN RADIUS: 0.210

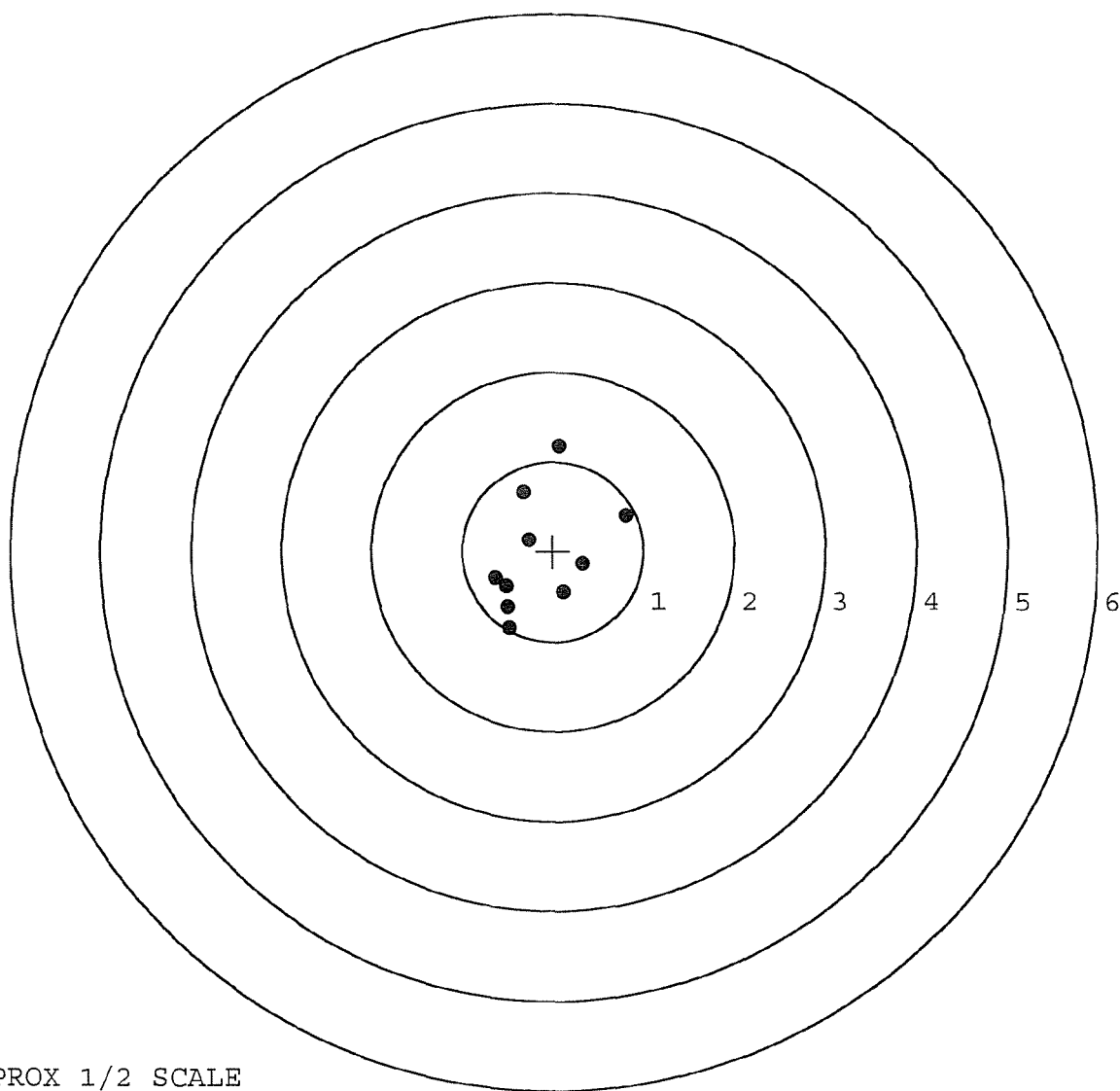
MAX RADIUS: 1.236

MEAN RADIUS: 0.682

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0149078**

SERIAL NUMBER: G6410238.\_\_\_1

TARGET NUMBER: 3

FILE DATE: 05/17/2006

FILE TIME: 04:38

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.457  | -0.815 |
| 2:     | 0.767  | -0.008 |
| 3:     | 1.237  | 0.716  |
| 4:     | -0.253 | -0.560 |
| 5:     | -0.098 | 0.285  |
| 6:     | 0.127  | 0.275  |
| 7:     | 0.165  | 0.557  |
| 8:     | -0.530 | 0.636  |
| 9:     | -0.679 | 0.435  |
| 10:    | -0.920 | 0.332  |

X CENTROID: 0.027

Y CENTROID: 0.185

POA TO CENTROID: 0.187

HORZ SPREAD: 2.157

VERT SPREAD: 1.531

GROUP SPREAD: 2.191

MIN RADIUS: 0.134

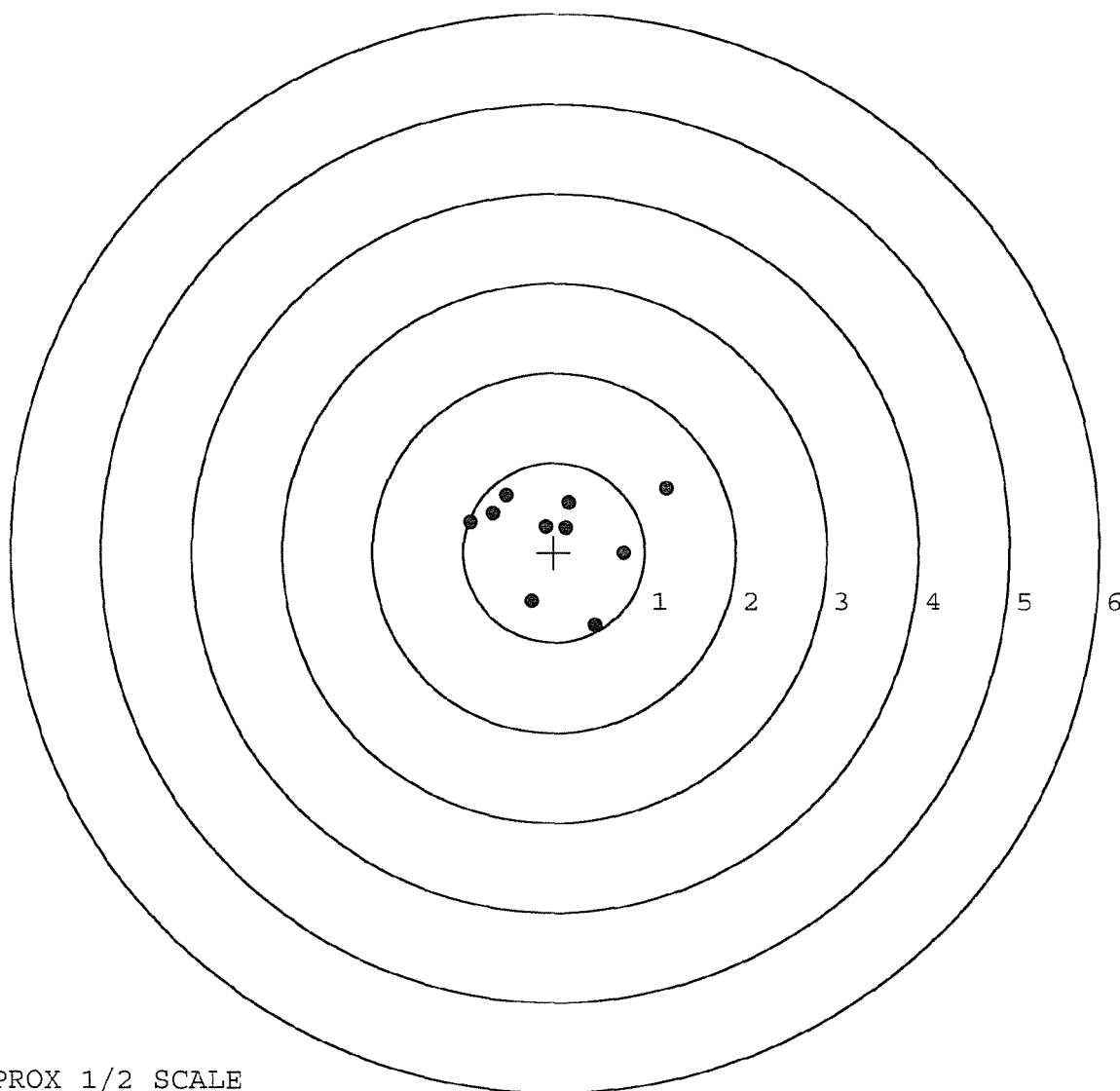
MAX RADIUS: 1.321

MEAN RADIUS: 0.709

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

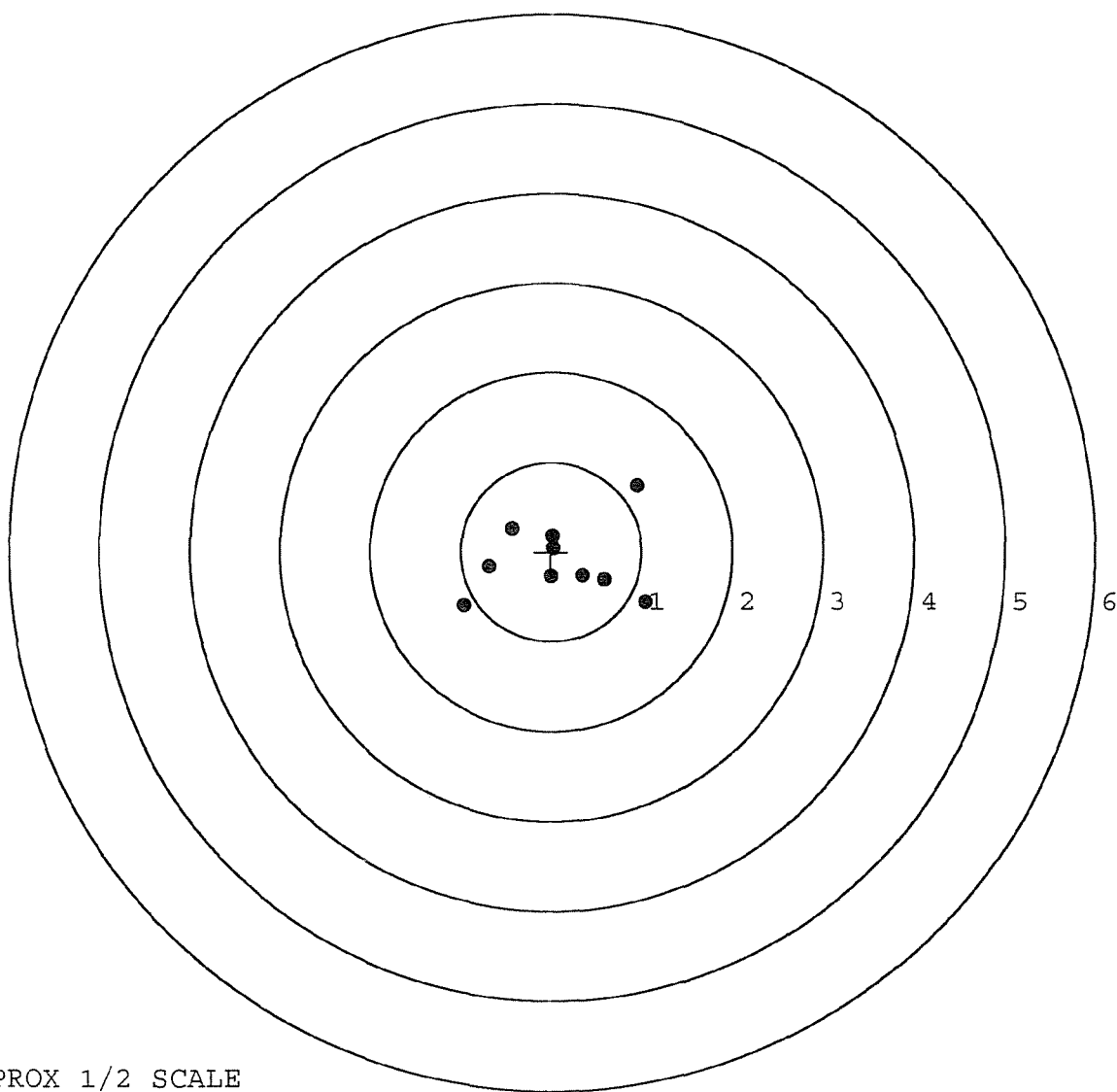
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0149079**

|                               |        |        |        |
|-------------------------------|--------|--------|--------|
| SERIAL NUMBER: G6410238. __ 1 | POINT# | X      | Y      |
| TARGET NUMBER: 4              | 1:     | 1.046  | -0.562 |
| FILE DATE: 05/17/2006         | 2:     | 0.948  | 0.741  |
| FILE TIME: 04:38              | 3:     | 0.592  | -0.310 |
|                               | 4:     | 0.349  | -0.264 |
| X CENTROID: 0.090             | 5:     | -0.004 | -0.275 |
| Y CENTROID: -0.098            | 6:     | 0.027  | 0.044  |
| POA TO CENTROID: 0.133        | 7:     | 0.022  | 0.177  |
| HORZ SPREAD: 2.012            | 8:     | -0.434 | 0.255  |
| VERT SPREAD: 1.353            | 9:     | -0.680 | -0.171 |
| GROUP SPREAD: 2.344           | 10:    | -0.966 | -0.612 |
| MIN RADIUS: 0.155             |        |        |        |
| MAX RADIUS: 1.200             |        |        |        |
| MEAN RADIUS: 0.633            |        |        |        |
| # IN 1 IN DIAMETER: 4         |        |        |        |
| # IN 2 IN DIAMETER: 7         |        |        |        |
| # in 3 IN DIAMETER: 10        |        |        |        |



TARGET APPROX 1/2 SCALE

**BARBER - M24 0149080**

SERIAL NUMBER: G6410238. \_\_1

TARGET NUMBER: 5

FILE DATE: 05/17/2006

FILE TIME: 04:38

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.009  | -0.010 |
| 2:     | 0.811  | 0.020  |
| 3:     | 0.538  | 0.472  |
| 4:     | 0.405  | 0.796  |
| 5:     | -0.459 | 0.646  |
| 6:     | -0.814 | 0.142  |
| 7:     | -0.490 | -0.373 |
| 8:     | -0.154 | -0.368 |
| 9:     | 0.256  | -0.416 |
| 10:    | -0.097 | -1.121 |

X CENTROID: 0.101

Y CENTROID: -0.021

POA TO CENTROID: 0.103

HORZ SPREAD: 1.823

VERT SPREAD: 1.917

GROUP SPREAD: 1.982

MIN RADIUS: 0.424

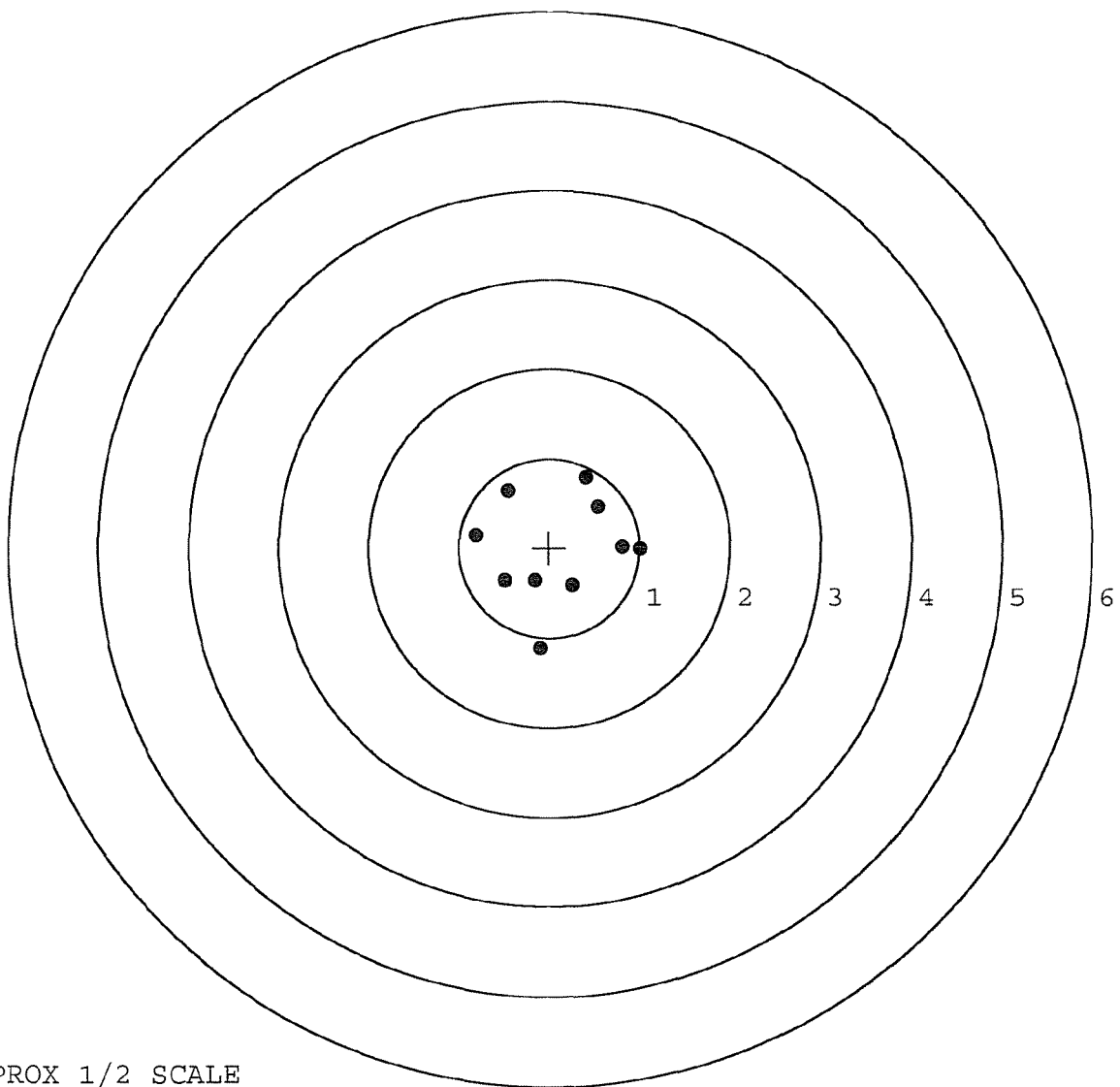
MAX RADIUS: 1.117

MEAN RADIUS: 0.761

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE



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)

DATE 4/5/06

TESTER mgd

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER<br>50 CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |      | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|------|----------|
| PULL #1 | 256                 | 251                         |                                   | 256  |          |
| PULL #2 | 262                 | 251                         |                                   | 255  |          |
| PULL #3 | 245                 | 248                         |                                   | 260  |          |
| PULL #4 | 252                 | 254                         |                                   | 259  |          |
| PULL #5 | 262                 | 245                         |                                   | 260  |          |
| TOTAL   | 1277                | 1249                        |                                   | 1290 |          |
| AVERAGE | 255                 | 249                         |                                   | 258  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 301                 | 304                         |  |          |
| PULL #2 | 295                 | 296                         |  |          |
| PULL #3 | 298                 | 302                         |  |          |
| PULL #4 | 296                 | 303                         |  |          |
| PULL #5 | 296                 | 305                         |  |          |
| TOTAL   | 1486                | 1510                        |  |          |
| AVERAGE | 297                 | 302                         |  |          |

|         | 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 | 399                 | 401                         |                                   | 408                                     |
| PULL #2 | 407                 | 399                         |                                   | 402                                     |
| PULL #3 | 406                 | 400                         |                                   | 400                                     |
| PULL #4 | 411                 | 398                         |                                   | 410                                     |
| PULL #5 | 407                 | 399                         |                                   | 396                                     |
| TOTAL   | 2030                | 1997                        |                                   | 2016                                    |
| AVERAGE | 406                 | 399                         |                                   | 403                                     |

| R & E NUMBER  | 111254               |                                           |                          |         |
|---------------|----------------------|-------------------------------------------|--------------------------|---------|
| SERIAL NUMBER | G10410238            |                                           |                          |         |
| LOG-IN DATE   | 4-19-06              |                                           |                          |         |
| OPERATION #   | OPERATION NAME       |                                           | DATE                     | INITIAL |
| 500           | DIS-ASSEMBLE GUN     |                                           | 5-1-06                   | RTZ     |
| 505           | RE-BARREL            |                                           | 5-3-06                   | RTZ     |
| 560           | ASSEMBLE             |                                           | 5-3-06                   | RTZ     |
| 600           | PROOF                | MAGNA-FLUX<br>INSPECTED                   | 5-3-06                   | MTM     |
| 605           | CHECK HEADSPACE      | MAY 10 2006                               | 5-3-06                   | MTM     |
| 610           | DIS-ASSEMBLE GUN     |                                           |                          |         |
| 612           | MAGNAFLUX            | OPERATOR <u>CPD</u>                       | 5-8-06                   | APD     |
| 510           | DRILL AND TAP        |                                           | 5-5-06                   | TRW     |
| 615           | ROLLMARK CALIBER     |                                           | 5-8-06                   | CW      |
| 618           | ROTO-BLAST           |                                           | 5-8-06                   | CR      |
| 620           | APPLY COATINGS       |                                           | 5/11/06                  | TRB     |
| 625           | FINAL ASSEMBLY       |                                           | 5-15-06                  | RTZ     |
| 640           | FUNCTION TEST AND    | PASS                                      | 5-15-06                  | R.P.D.  |
| 650           | TARGET               | PASS                                      | 5-15-06                  | R.P.D.  |
|               | MALFUNCTION          | CORRECTION                                |                          |         |
|               | MALFUNCTION          | CORRECTION                                |                          |         |
|               | MALFUNCTION          | CORRECTION                                |                          |         |
|               | MALFUNCTION          | CORRECTION                                | 5-17-06                  | R.P.    |
| 670           | FINAL INSPECTION     |                                           | 5-23-06                  | MTM     |
|               | A) HEADSPACE         | PASS                                      | 5-23-06                  | MTM     |
|               | B) TRIGGER PULL      | +/- .5 LBS<br>MIN 2.50 LBS<br>MAX 4.0 LBS | 2.33 2.35 2.27 2.33 2.21 | MTM     |
| 680           | F) SAFETY ON FORCE   | 2 LBS MIN<br>10 LBS MAX                   | 7 lbs 6 lbs 6 lbs.       | MTM     |
|               | G) SAFETY OFF FORCE  | 2 LBS<br>MIN                              | 3 lbs 3 lbs 2 lbs.       | MTM     |
|               | I) FIRING PIN INDENT | .020                                      | .023 .022 .023           | MTM     |
| 690           | PACK                 |                                           | 5-25-06                  | BA      |

Arms Services, Inc. 1/23/2003 4:12 PM

File Add Repair **BARBER - M24 0149083** Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

### Repair Inquiry

Repair Number: **RE00060349** Serial: C6225235 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 1/23/2003 2:28:00 PM

Verify Repair

#### Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **USAIC** **USAIC**

Address 1: **DFEL SUPPLY DIV BLDG 490** **DFEL SUPPLY DIV BLDG 490**

Address 2: **PO Box:** **PO Box:**

City: **FORT BENNING** **FORT BENNING**

State: **GA** Zip Code: **31905** Country: **US** State: **GA** Zip Code: **31905** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

| Contact / Condition                                                                                                                                                     | Problems                                                                                                                                                      | Estimate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | History / Status | Shipping / Billing |      |      |     |      |           |   |      |           |   |      |            |   |      |       |   |   |                    |   |    |                      |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------|------|------|-----|------|-----------|---|------|-----------|---|------|------------|---|------|-------|---|---|--------------------|---|----|----------------------|---|
| <p>Contact Information</p> <p>Phone: <input type="text"/></p> <p>Fax: <input type="text"/></p> <p>Email: <input type="text"/></p> <p>Comments: <input type="text"/></p> | <p>Received Condition</p> <p>Poor</p> <p>Condition Notes: REC'D IN SAME HARD CASE W/ SER# C6498758 &amp; C6225357.</p> <p>CSR Notes: <input type="text"/></p> | <p>Accessories Received</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>1</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> <tr> <td>X</td> <td>SCOPE SER# 87-1160</td> <td>1</td> </tr> <tr> <td>XX</td> <td>FRT &amp; REAR SGT BASES</td> <td>1</td> </tr> </tbody> </table> |                  |                    | Code | Desc | Qty | A007 | With Stud | 1 | A010 | Hard Case | 1 | A017 | Scope Base | 1 | A026 | Scope | 1 | X | SCOPE SER# 87-1160 | 1 | XX | FRT & REAR SGT BASES | 1 |
| Code                                                                                                                                                                    | Desc                                                                                                                                                          | Qty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  |                    |      |      |     |      |           |   |      |           |   |      |            |   |      |       |   |   |                    |   |    |                      |   |
| A007                                                                                                                                                                    | With Stud                                                                                                                                                     | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                    |      |      |     |      |           |   |      |           |   |      |            |   |      |       |   |   |                    |   |    |                      |   |
| A010                                                                                                                                                                    | Hard Case                                                                                                                                                     | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                    |      |      |     |      |           |   |      |           |   |      |            |   |      |       |   |   |                    |   |    |                      |   |
| A017                                                                                                                                                                    | Scope Base                                                                                                                                                    | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                    |      |      |     |      |           |   |      |           |   |      |            |   |      |       |   |   |                    |   |    |                      |   |
| A026                                                                                                                                                                    | Scope                                                                                                                                                         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                    |      |      |     |      |           |   |      |           |   |      |            |   |      |       |   |   |                    |   |    |                      |   |
| X                                                                                                                                                                       | SCOPE SER# 87-1160                                                                                                                                            | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                    |      |      |     |      |           |   |      |           |   |      |            |   |      |       |   |   |                    |   |    |                      |   |
| XX                                                                                                                                                                      | FRT & REAR SGT BASES                                                                                                                                          | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                    |      |      |     |      |           |   |      |           |   |      |            |   |      |       |   |   |                    |   |    |                      |   |

Repair Search Refresh Close

1/23/2003 4:12 PM CAPS NUM INS SCPL

start Microsoft Outlook Arms Services Path Search by 2 Internet Explorer 4:12 PM

E6413522 New

Serial Number: **C6225235**

Model: **700**



**RE00060349**

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS        |
|---------|------------------|--------------------------|--------------------------------|-------|-----------------|
| PULL #1 | 2.35             | 2.57                     |                                | 2.41  | MIN. SETTING    |
| PULL #2 | 2.45             | 2.71                     |                                | 2.32  | NO AVG. OF 5    |
| PULL #3 | 2.29             | 2.43                     |                                | 2.47  | READINGS ACCEPT |
| PULL #4 | 2.45             | 2.47                     |                                | 2.34  | ABLE LESS THAN  |
| PULL #5 | 2.28             | 2.33                     |                                | 2.31  |                 |
| TOTAL   | 11.82            | 12.51                    |                                | 11.85 |                 |
| AVG.    | 2.36             | 2.50                     |                                | 2.37  |                 |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.45             | 3.21                     |  |          |
| PULL #2 | 3.26             | 3.18                     |  |          |
| PULL #3 | 3.47             | 3.33                     |  |          |
| PULL #4 | 3.32             | 3.34                     |  |          |
| PULL #5 | 3.48             | 3.32                     |  |          |
| TOTAL   | 16.98            | 16.38                    |  |          |
| AVG.    | 3.39             | 3.27                     |  |          |

|         | 4.00#<br>INITIAL | 4.00# AFTER<br>20 CYCLES | MAX SETTING<br>GREATER THAN 4# | RESET TO 4# &<br>TARGET & ACCU |
|---------|------------------|--------------------------|--------------------------------|--------------------------------|
| PULL #1 | 4.28             | 4.15                     |                                | 4.32                           |
| PULL #2 | 4.32             | 4.17                     |                                | 4.34                           |
| PULL #3 | 4.27             | 4.20                     |                                | 4.30                           |
| PULL #4 | 4.32             | 4.26                     |                                | 4.28                           |
| PULL #5 | 4.24             | 4.39                     |                                | 4.24                           |
| TOTAL   | 21.43            | 21.17                    |                                | 21.39                          |
| AVG.    | 4.28             | 4.23                     |                                | 4.27                           |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

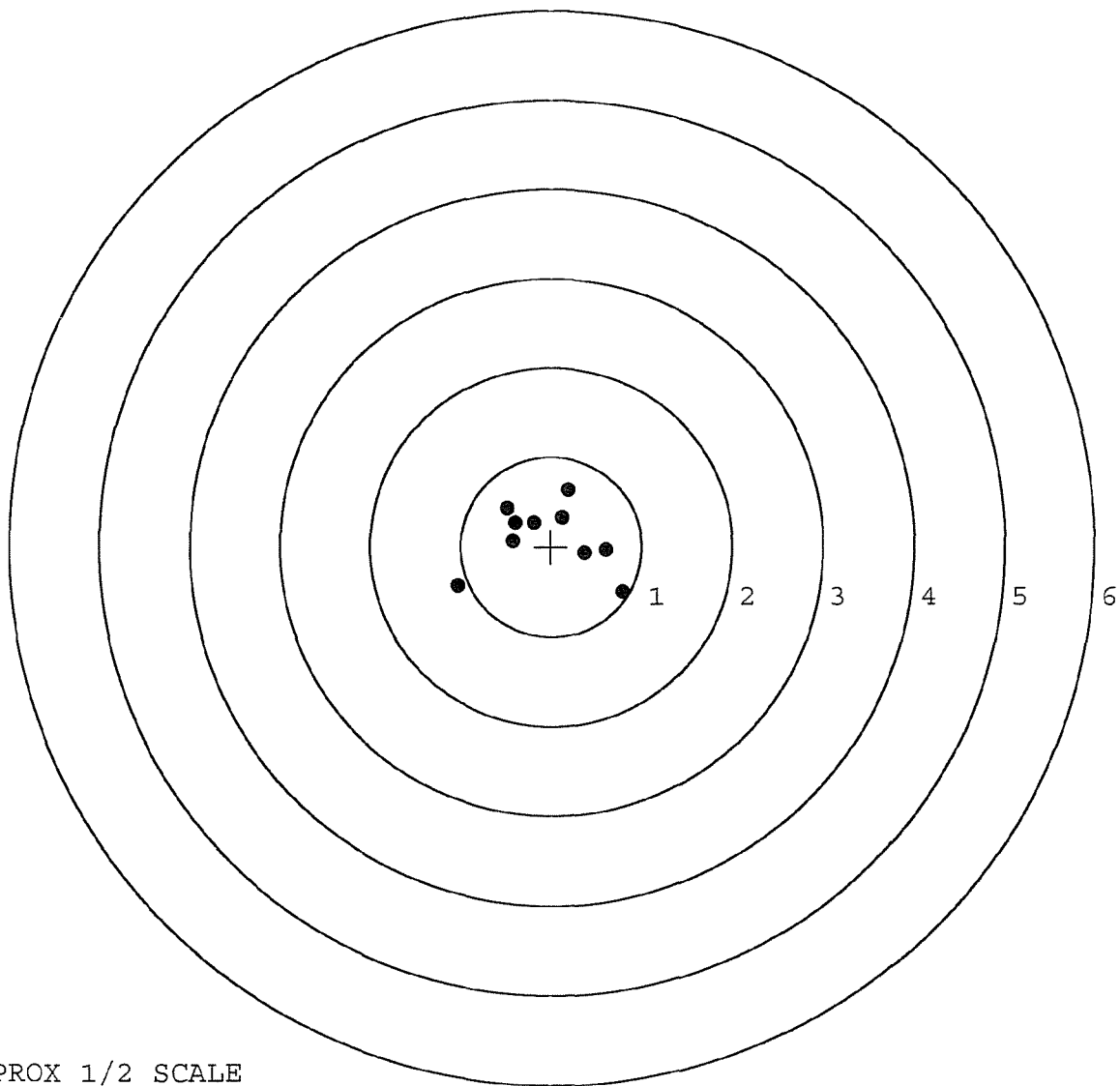
FIREARM SERIAL NUMBER / DATASET NAME: E6413522.\_\_\_0  
FILE DATE AND TIME: 02/18/2003 10:24

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.097 |
| The Average Y Centroid of the Five Target Set:              | -0.020 |
| The Average Point of Impact of the Five Target Set:         | 0.099  |
| The Average Mean Radius of the Five Target Set:             | 0.627  |
| The Distance from POA to Centroid Target #1:                | 0.102  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.129  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.134  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.059  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.313  |

**BARBER - M24 0149086**

|                               |        |        |        |
|-------------------------------|--------|--------|--------|
| SERIAL NUMBER: E6413522.____0 | POINT# | X      | Y      |
| TARGET NUMBER: 1              | 1:     | 0.791  | -0.504 |
| FILE DATE: 02/18/2003         | 2:     | -1.031 | -0.444 |
| FILE TIME: 10:24              | 3:     | 0.190  | 0.628  |
|                               | 4:     | 0.125  | 0.324  |
| X CENTROID: -0.046            | 5:     | 0.367  | -0.072 |
| Y CENTROID: 0.091             | 6:     | 0.611  | -0.040 |
| POA TO CENTROID: 0.102        | 7:     | -0.197 | 0.265  |
| HORZ SPREAD: 1.822            | 8:     | -0.420 | 0.063  |
| VERT SPREAD: 1.132            | 9:     | -0.406 | 0.260  |
| GROUP SPREAD: 1.823           | 10:    | -0.492 | 0.425  |
| MIN RADIUS: 0.231             |        |        |        |
| MAX RADIUS: 1.121             |        |        |        |
| MEAN RADIUS: 0.570            |        |        |        |
| # IN 1 IN DIAMETER: 5         |        |        |        |
| # IN 2 IN DIAMETER: 8         |        |        |        |
| # in 3 IN DIAMETER: 10        |        |        |        |



TARGET APPROX 1/2 SCALE

**BARBER - M24 0149087**

SERIAL NUMBER: E6413522.\_\_\_0

TARGET NUMBER: 2

FILE DATE: 02/18/2003

FILE TIME: 10:24

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

|    |       |       |
|----|-------|-------|
| 1: | 1.045 | 0.023 |
|----|-------|-------|

|    |       |        |
|----|-------|--------|
| 2: | 0.418 | -0.088 |
|----|-------|--------|

|    |       |        |
|----|-------|--------|
| 3: | 0.228 | -0.389 |
|----|-------|--------|

|    |       |        |
|----|-------|--------|
| 4: | 0.000 | -0.449 |
|----|-------|--------|

|    |        |        |
|----|--------|--------|
| 5: | -0.937 | -0.275 |
|----|--------|--------|

|    |        |        |
|----|--------|--------|
| 6: | -1.175 | -0.245 |
|----|--------|--------|

|    |        |        |
|----|--------|--------|
| 7: | -0.385 | -0.063 |
|----|--------|--------|

|    |        |       |
|----|--------|-------|
| 8: | -0.358 | 0.301 |
|----|--------|-------|

|    |       |       |
|----|-------|-------|
| 9: | 0.056 | 0.191 |
|----|-------|-------|

|     |       |       |
|-----|-------|-------|
| 10: | 0.231 | 0.679 |
|-----|-------|-------|

X CENTROID: -0.088

Y CENTROID: -0.031

POA TO CENTROID: 0.093

HORZ SPREAD: 2.220

VERT SPREAD: 1.128

GROUP SPREAD: 2.236

MIN RADIUS: 0.265

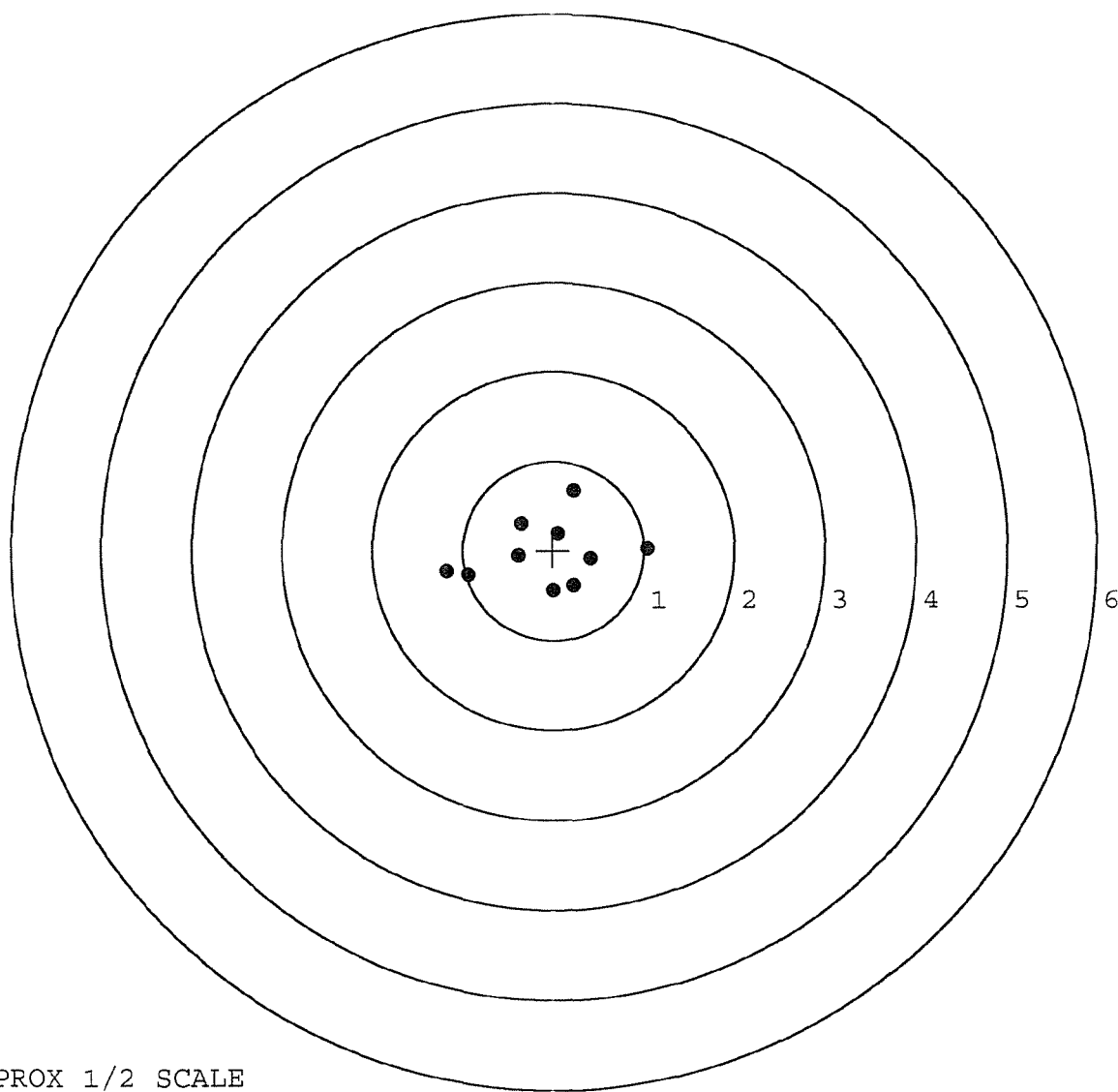
MAX RADIUS: 1.134

MEAN RADIUS: 0.631

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0149088**

SERIAL NUMBER: E6413522.\_\_\_\_0

TARGET NUMBER: 3

FILE DATE: 02/18/2003

FILE TIME: 10:24

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.572  | 0.214  |
| 2:     | -1.736 | 0.023  |
| 3:     | 0.211  | -0.252 |
| 4:     | 0.019  | -0.286 |
| 5:     | -0.283 | -0.211 |
| 6:     | -0.417 | 0.069  |
| 7:     | -0.126 | 0.359  |
| 8:     | 0.150  | 0.194  |
| 9:     | 0.200  | -0.035 |
| 10:    | -0.133 | 0.038  |

X CENTROID: -0.154

Y CENTROID: 0.011

POA TO CENTROID: 0.155

HORZ SPREAD: 2.308

VERT SPREAD: 0.645

GROUP SPREAD: 2.316

MIN RADIUS: 0.034

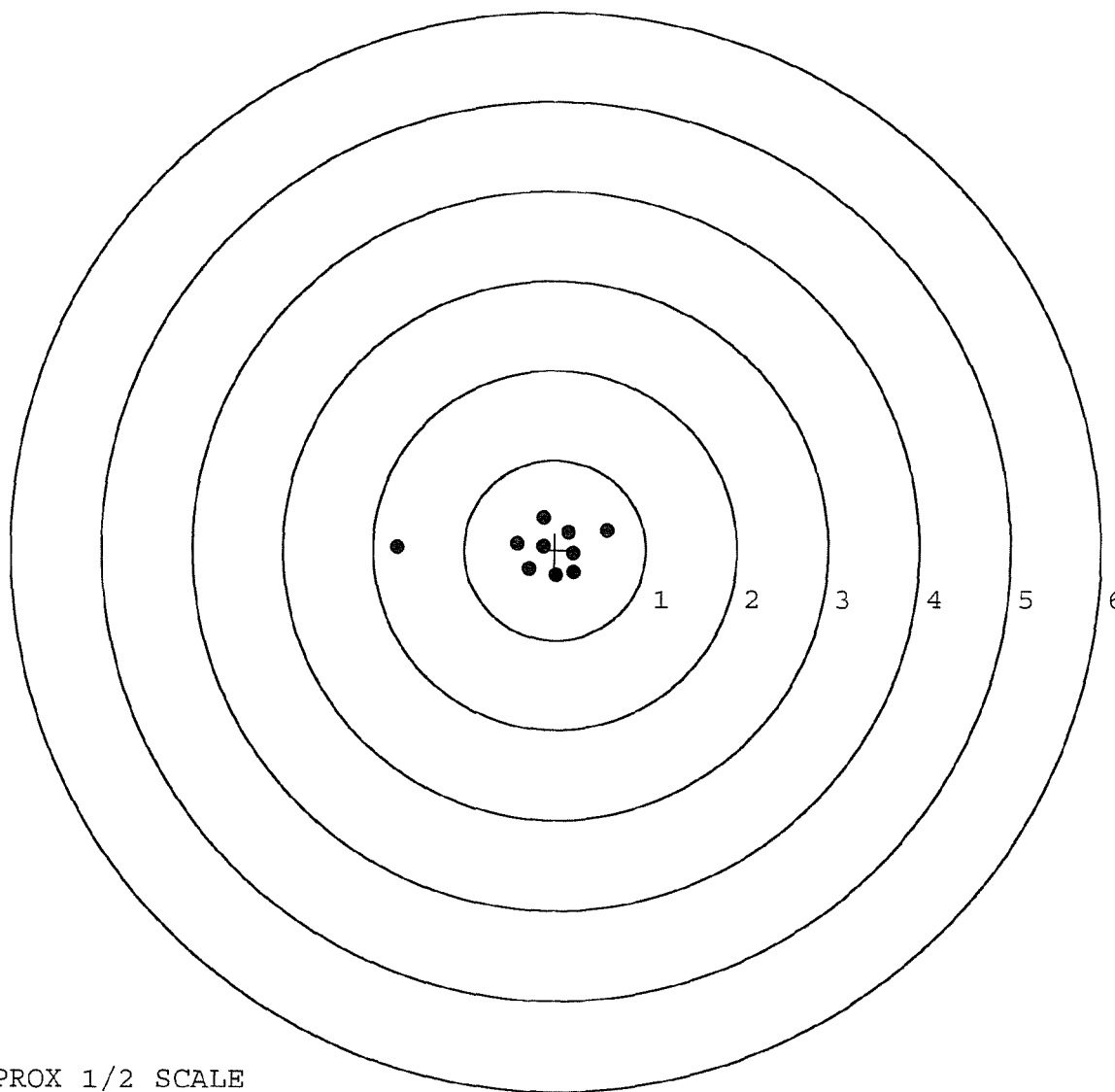
MAX RADIUS: 1.582

MEAN RADIUS: 0.475

# IN 1 IN DIAMETER: 8

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 9



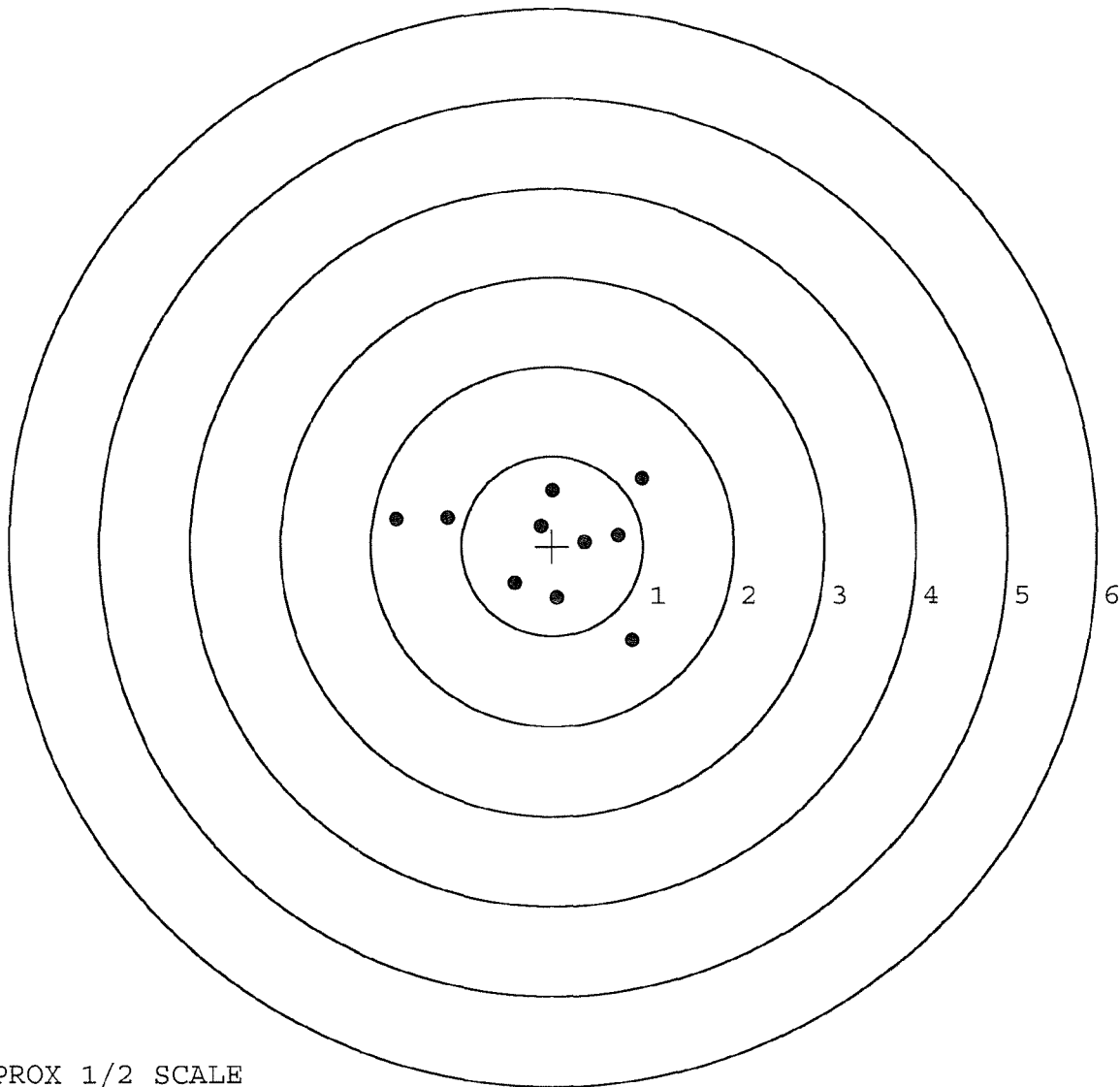
TARGET APPROX 1/2 SCALE



SERIAL NUMBER: E6413522. \_\_0  
 TARGET NUMBER: 4  
 FILE DATE: 02/18/2003  
 FILE TIME: 10:24

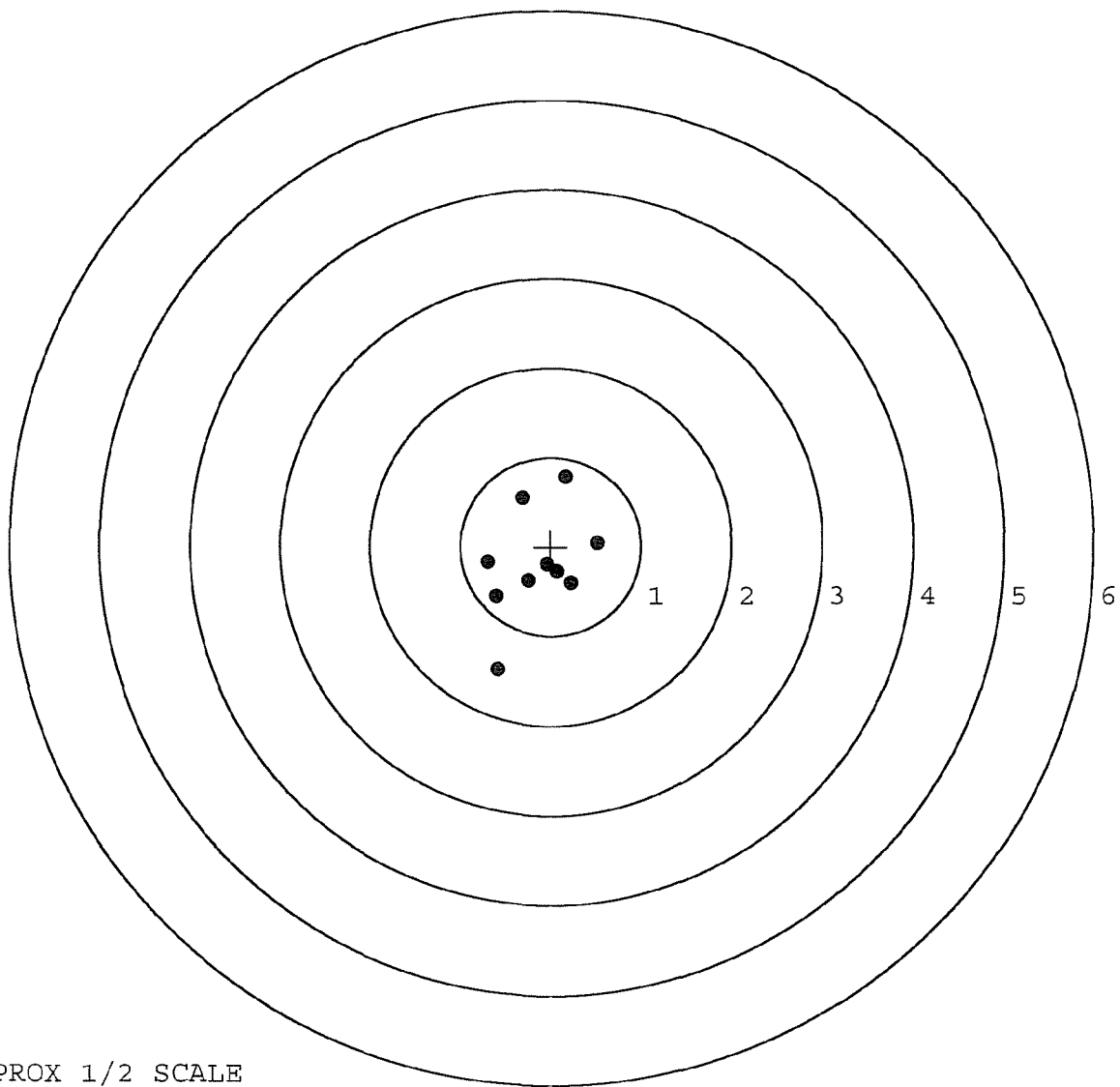
| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.882  | -1.054 |
| 2:     | 0.052  | -0.584 |
| 3:     | -0.419 | -0.415 |
| 4:     | 0.733  | 0.124  |
| 5:     | 0.354  | 0.052  |
| 6:     | -0.133 | 0.222  |
| 7:     | 0.000  | 0.618  |
| 8:     | 0.992  | 0.751  |
| 9:     | -1.159 | 0.307  |
| 10:    | -1.726 | 0.299  |

X CENTROID: -0.042  
 Y CENTROID: 0.032  
 POA TO CENTROID: 0.053  
 HORZ SPREAD: 2.718  
 VERT SPREAD: 1.805  
 GROUP SPREAD: 2.938  
 MIN RADIUS: 0.210  
 MAX RADIUS: 1.705  
 MEAN RADIUS: 0.872  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 6  
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

|                               |        |        |        |
|-------------------------------|--------|--------|--------|
| SERIAL NUMBER: E6413522.____0 | POINT# | X      | Y      |
| TARGET NUMBER: 5              | 1:     | -0.587 | -1.382 |
| FILE DATE: 02/18/2003         | 2:     | -0.605 | -0.565 |
| FILE TIME: 10:24              | 3:     | -0.700 | -0.185 |
|                               | 4:     | -0.252 | -0.385 |
| X CENTROID: -0.153            | 5:     | -0.042 | -0.205 |
| Y CENTROID: -0.204            | 6:     | 0.221  | -0.408 |
| POA TO CENTROID: 0.255        | 7:     | 0.519  | 0.046  |
| HORZ SPREAD: 1.219            | 8:     | 0.166  | 0.783  |
| VERT SPREAD: 2.165            | 9:     | -0.318 | 0.548  |
| GROUP SPREAD: 2.292           | 10:    | 0.071  | -0.283 |
| MIN RADIUS: 0.111             |        |        |        |
| MAX RADIUS: 1.256             |        |        |        |
| MEAN RADIUS: 0.589            |        |        |        |
| # IN 1 IN DIAMETER: 4         |        |        |        |
| # IN 2 IN DIAMETER: 8         |        |        |        |
| # in 3 IN DIAMETER: 10        |        |        |        |



TARGET APPROX 1/2 SCALE

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

[illegible]

BARBER - M24 0149092  
FINAL INSPECTION CHECKLIST M-24 REPAIRS  
CONTRACT #: DAAE-20-02-D-0127

SERIAL # E6413522

INSPECTED BY: RW

DATE REC'D: 1-23-03

DATE RET'D: 2-18-03

ITEM

BARREL ASSEMBLY

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

SCOPE ASSEMBLY

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

ITEM

STOCK ASSEMBLY

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

SYSTEMS CASE

☐ SCOPE CASE  
☐ IRON SIGHTS  
☐ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION  
☒ RE-SET TO FACTORY SPECS

COMMENTS: