

C6665805

C6665805

IS NEW SERIAL#, DUE TO  
REPAIR/REPLACEMENT OF BARRER ACTION

OLD SERIAL# WAS C6349144

# BARBER - M24 0102800 RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER  
R 96-20349

|                           |                         |                       |                                      |                               |                             |      |
|---------------------------|-------------------------|-----------------------|--------------------------------------|-------------------------------|-----------------------------|------|
| INITIAL<br>FPS            | CUSTOMER ORDER NO.      |                       | L/FLOOR PLATE, SPRING<br>M-24 SWS    |                               |                             |      |
| DATE RECEIVED<br>09/13/96 | DATE OPENED<br>09/13/96 | DATE CODE<br>EJ 10-89 | SERIAL NUMBER<br><del>C4347144</del> | NEW SERIAL NUMBER<br>C6665805 | MODEL AND GRADE<br>700 7.62 | NATO |
| ACCESSORIES<br>W/STUDS    |                         | HARD CASE             |                                      |                               |                             |      |

FROM:

U.S. ARMY  
2/5 SFG (A)  
BLDG 3213  
FT CAMPBELL

KY 42223

SHIP TO:

U.S. ARMY  
2/5 SFG (A)  
BLDG 3213  
FT CAMPBELL

KY  
42223

CUST NO: 149382 C.O.D L

|                                                                                                                                                                                                                                           |                    |                                |            |           |                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------|------------|-----------|----------------------------------------------------------------------------|
| ACCOUNT NUMBER                                                                                                                                                                                                                            | ACCOUNT NUMBER N/C | WRITE <input type="checkbox"/> | PROM. DATE | ESTIMATED | VIA<br>UPS                                                                 |
| GUN CONDITION<br><input type="checkbox"/> NEW<br><input type="checkbox"/> LIGHTLY WORN<br><input type="checkbox"/> WORN<br><input type="checkbox"/> VERY WORN<br><input type="checkbox"/> UNREPAIRABLE<br><input type="checkbox"/> MARRED |                    |                                |            |           | REPAIR CHARGE<br>EXCISE<br>TAX<br>INSURANCE<br>UPS<br>PARCEL POST<br>TOTAL |

| CUSTOMER CONCERN | AMMO | FUNCTION | FINISH | ACCURACY | FIT | INSPECT |
|------------------|------|----------|--------|----------|-----|---------|
| CYCLE            | A1   | B1       |        |          |     |         |
| TRIGGER GROUP    |      | B2       |        |          | E1  | F1      |
| BOLT ASSY.       |      | B3       |        |          | E2  | F2      |
| BARREL ASSY.     |      | B4       |        | D1       | E3  | F3      |
| REC. ASSY.       |      | B5       |        | D2       | E4  | F4      |
| WOOD             |      |          | C1     | D3       | E5  | F5      |
| METAL            |      |          | C2     |          |     |         |

MAIN FAULT

W52H09G 276H 243

|                                                                                                                                                                                                                                                                                                                                       |                 |                 |                 |                 |           |             |         |                      |                 |                 |                 |                 |      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------|-------------|---------|----------------------|-----------------|-----------------|-----------------|-----------------|------|
| PARTS                                                                                                                                                                                                                                                                                                                                 | COMMENTS        |                 |                 |                 |           |             |         |                      |                 |                 |                 |                 |      |
| Barrel Assy Complete 96001                                                                                                                                                                                                                                                                                                            |                 |                 |                 |                 |           |             |         |                      |                 |                 |                 |                 |      |
| Stock 96018                                                                                                                                                                                                                                                                                                                           |                 |                 |                 |                 |           |             |         |                      |                 |                 |                 |                 |      |
| Trigger Guard Assy 96035                                                                                                                                                                                                                                                                                                              |                 |                 |                 |                 |           |             |         |                      |                 |                 |                 |                 |      |
| Mag Spring 15677                                                                                                                                                                                                                                                                                                                      |                 |                 |                 |                 |           |             |         |                      |                 |                 |                 |                 |      |
| <del>Scope Base</del>                                                                                                                                                                                                                                                                                                                 |                 |                 |                 |                 |           |             |         |                      |                 |                 |                 |                 |      |
| Scope Base Complete 96211                                                                                                                                                                                                                                                                                                             |                 |                 |                 |                 |           |             |         |                      |                 |                 |                 |                 |      |
| Rear Sight Base 96017                                                                                                                                                                                                                                                                                                                 |                 |                 |                 |                 |           |             |         |                      |                 |                 |                 |                 |      |
| Trigger Assy 96024                                                                                                                                                                                                                                                                                                                    |                 |                 |                 |                 |           |             |         |                      |                 |                 |                 |                 |      |
| <table border="1"> <tr> <td>REPAIRMAN<br/>RW</td> <td>PROOF<br/>✓</td> <td>CLEAN<br/>✓</td> <td>TEST<br/>A</td> <td>TARGET<br/>A</td> <td>PATTERN</td> </tr> <tr> <td>GALLERY TESTER<br/>RW</td> <td>DATE<br/>9/18/96</td> <td>DATE<br/>9/24/96</td> <td>DATE<br/>9/27/96</td> <td>DATE<br/>9/27/96</td> <td>DATE</td> </tr> </table> |                 | REPAIRMAN<br>RW | PROOF<br>✓      | CLEAN<br>✓      | TEST<br>A | TARGET<br>A | PATTERN | GALLERY TESTER<br>RW | DATE<br>9/18/96 | DATE<br>9/24/96 | DATE<br>9/27/96 | DATE<br>9/27/96 | DATE |
| REPAIRMAN<br>RW                                                                                                                                                                                                                                                                                                                       | PROOF<br>✓      | CLEAN<br>✓      | TEST<br>A       | TARGET<br>A     | PATTERN   |             |         |                      |                 |                 |                 |                 |      |
| GALLERY TESTER<br>RW                                                                                                                                                                                                                                                                                                                  | DATE<br>9/18/96 | DATE<br>9/24/96 | DATE<br>9/27/96 | DATE<br>9/27/96 | DATE      |             |         |                      |                 |                 |                 |                 |      |

OFFICE COPY

RD6925 REV. 6/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

BARBER - M24 0102800 02839

NMP COPY 2

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6665805DATE 9/27/96TESTER RW

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------------------------------------------------------------------------|
| PULL #1 | 2.27             | 2.46                     | 2.62                           | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.29             | 2.35                     | 2.62                           |                                                                        |
| PULL #3 | 2.39             | 2.41                     | 2.51                           |                                                                        |
| PULL #4 | 2.34             | 2.34                     | 2.66                           |                                                                        |
| PULL #5 | 2.34             | 2.47                     | 2.65                           |                                                                        |
| TOTAL   | 11.63            | 12.03                    | 13.06                          |                                                                        |
| AVG.    | 2.33             | 2.41                     | 2.61                           |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES | COMMENTS |
|---------|------------------|--------------------------|----------|
| PULL #1 | 3.14             | 3.21                     |          |
| PULL #2 | 3.07             | 3.10                     |          |
| PULL #3 | 3.11             | 3.08                     |          |
| PULL #4 | 3.15             | 3.27                     |          |
| PULL #5 | 3.08             | 3.27                     |          |
| TOTAL   | 15.55            | 15.93                    |          |
| AVG.    | 3.11             | 3.19                     |          |

|         | 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 | 4.15             | 4.11                     |                                | 4.29                                 |
| PULL #2 | 4.21             | 4.19                     |                                | 4.23                                 |
| PULL #3 | 4.23             | 4.09                     |                                | 4.47                                 |
| PULL #4 | 4.22             | 4.27                     |                                | 4.14                                 |
| PULL #5 | 4.22             | 4.24                     |                                | 4.44                                 |
| TOTAL   | 21.03            | 20.90                    |                                | 21.57                                |
| AVG.    | 4.21             | 4.18                     |                                | 4.31                                 |

## 21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&amp;E NO.

SERIAL NO. C6665805

| LOG IN DATE: / /  |                          | DATE                                       | INIT.      |
|-------------------|--------------------------|--------------------------------------------|------------|
| INSPECT & VERIFY: |                          |                                            |            |
| OP. #             | OP. NAME                 |                                            |            |
| 550               | DIS-ASSEMBLE GUN         |                                            |            |
| 560 A             | RE-BARREL AT CUSTOM SHOP |                                            |            |
| B                 | DRILL & TAP              |                                            |            |
| C                 | POLISH                   |                                            |            |
| 575               | ASSEMBLE                 |                                            |            |
| 600               | PROOF                    | 9/18/96                                    | Rw         |
| 605               | CHECK HEADSPACE          | 9/18/96                                    | Rw         |
| 610               | DIS-ASSEMBLE             |                                            |            |
| 612               | MAGNAFLUX                |                                            |            |
| 615               | ROLLMARK CALIBER         |                                            |            |
| 618               | ROTO-BLAST               |                                            |            |
| 620               | APPLY COATINGS           |                                            |            |
| 625 A             | FINAL ASSEMBLY           | 9/24/96                                    | Rw         |
| B                 | TRIGGER PULL TEST        | 2.93   2.80   2.73   2.87   2.85   10/1/96 | Rw         |
| C                 | SAFETY ON FORCE          | 5   5   5                                  | 10/1/96 Rw |
| D                 | SAFETY OFF FORCE         | 3   3   2.5                                | 10/1/96 Rw |
| E                 | FIRING PIN INDENT        |                                            |            |
| 640               | TARGET                   | 9/27/96                                    | HA         |
| 655               | FINAL INSPECT            | 10/1/96                                    | Rw         |
| 660               | PACK                     |                                            |            |

QAR INSPECTION

SHIP DATE

## Final Inspection

Sn: C6665805

DATE REC'D: 9/13/96

DATE RET'D:

AUDITOR: MW

Item:

Barrel Assy.

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

Scope Assy.

☐ Scope☐ Scope Rings☐ Mounting Screws☐ Mounting Base☐ Screws☐ Finish☐ Looseness☐ Clarity

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

☒ Stock☒ Sling Swivel Studs☒ ADJUSTABLE Butt PLATE☒ Lock Nuts☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☐ Scope Case☐ Iron SIGHTS☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ Set

Comments:

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6665805  
3 Jan 1988

CENTROIDAL DISTANCES

|        |          |
|--------|----------|
| 0 TO 1 | .174256  |
| 1 TO 2 | .522415  |
| 1 TO 3 | .474558  |
| 1 TO 4 | .0518941 |
| 1 TO 5 | .16694   |

$\frac{45}{2}$  <-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2336  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0286  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .235344  
THE AMR FOR THIS RIFLE IS: 1.058

3 Jan 1900

FILE:/PATTERNING/CENTERFIRE\_PATT/C0665805

## CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

# OF SHOTS- 10

# IN CIR

1 in - 1

2 in - 5

3 in = 9

HS= 2.056

VS= 2.631

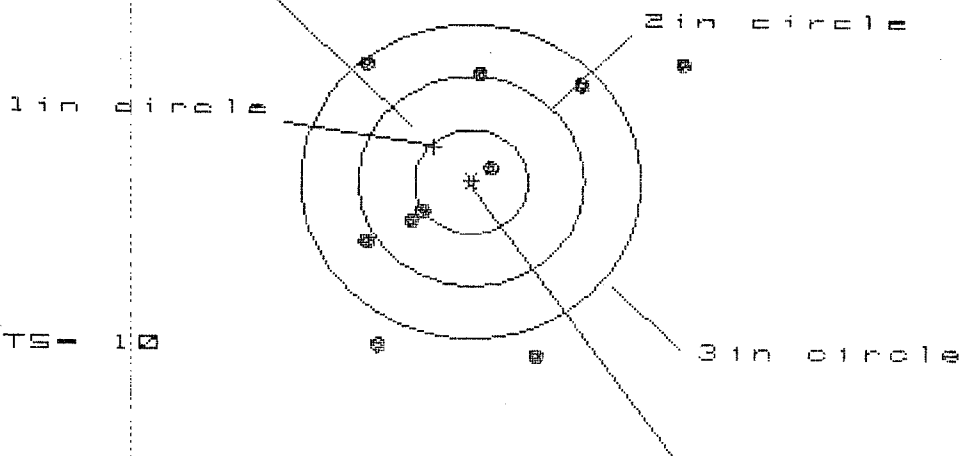
GS= 2.970

CENTROID #

| PATTERN #           | 10     | 9      | 8      |
|---------------------|--------|--------|--------|
| SHOTS (BEST OF)     | 10     | 9      | 8      |
| MAXIMUM X           | .924   | .979   | .935   |
| MINIMUM X           | -1.132 | -1.029 | -1.073 |
| MAXIMUM Y           | 1.214  | 1.056  | .577   |
| MINIMUM Y           | -1.417 | -.900  | -.768  |
| CENTROID X          | .101   | -.002  | .042   |
| CENTROID Y          | .142   | .300   | .168   |
| POA TO CENTROID in. | .174   | .300   | .173   |
| MIN RADIUS          | .125   | .064   | .076   |
| MEAN RADIUS         | .950   | .842   | .806   |

|                               |       |       |       |
|-------------------------------|-------|-------|-------|
| MAX RADIUS                    | 1.692 | 1.179 | 1.161 |
| HORIZONTAL SPREAD             | 2.056 | 2.008 | 2.008 |
| VERTICAL SPREAD               | 2.631 | 1.956 | 1.344 |
| EXTREME SPREAD                | 2.970 | 2.252 | 2.252 |
| NUMBER IN ONE INCH CIRCLE =   | 1     |       |       |
| NUMBER IN TWO INCH CIRCLE =   | 5     |       |       |
| NUMBER IN THREE INCH CIRCLE = | 9     |       |       |

POA



# OF SHOTS - 10

# IN CIR

1 in - 2

2 in - 4

3 in - 7

HS - 2.739

VS - 2.814

GS - 3.843

CENTROID #

PATTERN #

2

| SHOTS (BEST OF)               | 10     | 9      | 8      |
|-------------------------------|--------|--------|--------|
| MAXIMUM X                     | 1.843  | 1.158  | 1.077  |
| MINIMUM X                     | -0.895 | -0.691 | -0.772 |
| MAXIMUM Y                     | 1.177  | 1.306  | 1.126  |
| MINIMUM Y                     | -1.637 | -1.508 | -1.688 |
| CENTROID X                    | .327   | .123   | .204   |
| CENTROID Y                    | -.329  | -.458  | -.278  |
| POA TO CENTROID in.           | .464   | .474   | .345   |
| MIN RADIUS                    | .194   | .232   | .277   |
| MEAN RADIUS                   | 1.186  | 1.038  | .972   |
| MAX RADIUS                    | 2.181  | 1.707  | 1.835  |
| HORIZONTAL SPREAD             | 2.739  | 1.849  | 1.849  |
| VERTICAL SPREAD               | 2.814  | 2.814  | 2.814  |
| EXTREME SPREAD                | 3.843  | 3.185  | 3.185  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 4      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 7      |        |        |

## CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

# OF SHOTS - 10

# IN CIR

1in - 1

2in - 4

3in = 8

HS - 2.947

VS = 2.739

GS = 3.449

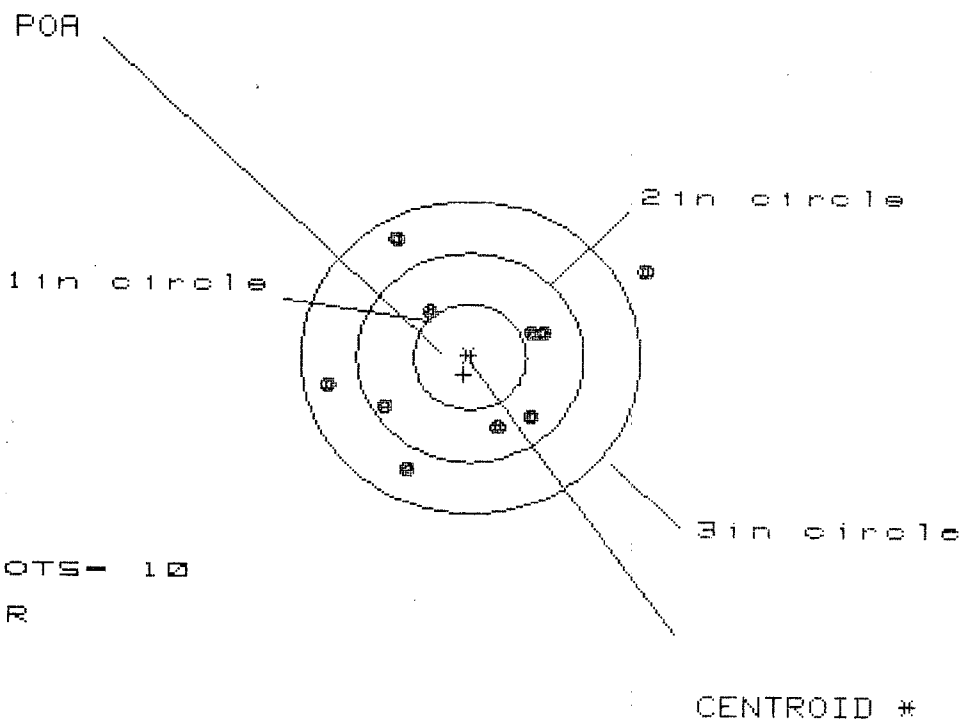
CENTROID #

| PATTERN #                   | 3      | 3      | 3      |
|-----------------------------|--------|--------|--------|
| SHOTS (BEST OF)             | 10     | 9      | 8      |
| MAXIMUM X                   | 1.670  | 1.528  | 1.434  |
| MINIMUM X                   | -1.277 | -1.190 | -0.999 |
| MAXIMUM Y                   | .963   | .765   | .620   |
| MINIMUM Y                   | -1.776 | -1.166 | -1.198 |
| CENTROID X                  | .430   | .572   | .381   |
| CENTROID Y                  | -.200  | -.002  | .143   |
| POA TO CENTROID in.         | .474   | .572   | .407   |
| MIN RADIUS                  | .348   | .157   | .124   |
| MEAN RADIUS                 | 1.229  | 1.077  | .915   |
| MAX RADIUS                  | 2.188  | 1.922  | 1.560  |
| HORIZONTAL SPREAD           | 2.947  | 2.718  | 2.433  |
| VERTICAL SPREAD             | 2.739  | 1.931  | 1.818  |
| EXTREME SPREAD              | 3.449  | 3.094  | 2.683  |
| NUMBER IN ONE INCH CIRCLE   | = 1    |        |        |
| NUMBER IN TWO INCH CIRCLE   | = 4    |        |        |
| NUMBER IN THREE INCH CIRCLE | = 8    |        |        |

3 Jan 1908

FILE:/PATTERNING/CENTERFIRE\_PATT/C8665805

## CENTERFIRE PATTERNS # 4



# OF SHOTS- 10

# IN CIR

1 in - 0

2 in - 6

3 in = 9

HS- 2.726

VS= 2.199

GS= 2.923

PATTERN #

4

| SHOTS (BEST OF)               | 10     | 9      | 8      |
|-------------------------------|--------|--------|--------|
| MAXIMUM X                     | 1.511  | .818   | .762   |
| MINIMUM X                     | -1.215 | -1.047 | -1.103 |
| MAXIMUM Y                     | 1.183  | 1.276  | .656   |
| MINIMUM Y                     | -1.016 | -.923  | -.763  |
| CENTROID X                    | .054   | -.114  | -.058  |
| CENTROID Y                    | .164   | .071   | -.089  |
| POA TO CENTROID in.           | .173   | .134   | .106   |
| MIN RADIUS                    | .569   | .548   | .564   |
| MEAN RADIUS                   | .962   | .869   | .791   |
| MAX RADIUS                    | 1.728  | 1.351  | 1.103  |
| HORIZONTAL SPREAD             | 2.726  | 1.865  | 1.865  |
| VERTICAL SPREAD               | 2.199  | 2.199  | 1.419  |
| EXTREME SPREAD                | 2.923  | 2.199  | 1.910  |
| NUMBER IN ONE INCH CIRCLE =   |        | 0      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 9      |        |

3 Jan 1968

FILE:/PATTERNING/CENTERFIRE\_PATT/C8665805

## CENTERFIRE PATTERNS

# 5

POA

1 in circle

2 in circle

3 in circle

# OF SHOTS - 10

# IN CIR

1 in - 1

2 in - 6

3 in = 9

HS - 2.464

VS = 2.056

GS = 3.209

CENTROID \*

| PATTERN #                   | : | 5      |        |       |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.282  | 1.017  | .887  |
| MINIMUM X                   | : | -1.182 | -1.039 | -.916 |
| MAXIMUM Y                   | : | 1.157  | .893   | .797  |
| MINIMUM Y                   | : | -.899  | -.771  | -.701 |
| CENTROID X                  | : | .256   | .113   | .243  |
| CENTROID Y                  | : | .080   | -.048  | .048  |
| POA TO CENTROID in.         | : | .268   | .123   | .248  |
| MIN RADIUS                  | : | .298   | .461   | .313  |
| MEAN RADIUS                 | : | .962   | .869   | .801  |
| MAX RADIUS                  | : | 1.727  | 1.294  | 1.188 |
| HORIZONTAL SPREAD           | : | 2.464  | 2.056  | 1.803 |
| VERTICAL SPREAD             | : | 2.056  | 1.664  | 1.498 |
| EXTREME SPREAD              | : | 3.209  | 2.406  | 2.318 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |       |

**Repair Inquiry**

Repair Number: RE00153049  
Verify Repair

Serial: C6665805 Model M24 SWS Center Fire  
Caliber: 7.62 NATO

Repairman:

Status: Closed 10/9/2008 10:13:31 AM

**Address Information**

Customer: ☒ Received From  
Name: GSC 7TH SFG  
Address 1: BLDG E-3928 77TH SFWAY  
Address 2: PO Box:  
City: FORT BRAGG  
State: NC Zip Code: 28310 Country: US  
Return To: ☐ Received From  
Name: GSC 7TH SFG  
Address 1: BLDG E-3928 77TH SFWAY  
Address 2: PO Box:  
City: FORT BRAGG  
State: NC Zip Code: 28310 Country: US  
FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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

**Contact Information**  
Phone: NN  
Fax:  
Email:  
Comments:

**Received Condition**  
Fair  
Condition Notes:  
CSR Notes:

**Accessories Received**

| Code | Desc                  | Qty |
|------|-----------------------|-----|
| A007 | With Stud             | 3   |
| A010 | Hard Case             | 1   |
| A026 | Scope                 | 1   |
| A057 | Frt and Rear Sgt Base | 1   |

Repair Search Refresh Close

nagletj 10/14/2008 9:46 AM DAPS NUM INS SCRL

Serial Number: **C6665805**  
Model: **M24 SWS**  
  
**RE00153049**

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

R & E NUMBER 153049  
SERIAL NUMBER C6665805  
LOG-IN DATE 10-9-08

| OPERATION # | OPERATION NAME       | DATE                     | INITIAL    |
|-------------|----------------------|--------------------------|------------|
| 590         | DIS-ASSEMBLE GUN     | 10-17-08                 | RTL        |
| 595         | RE-BARREL            | 10-21-08                 | RTL        |
| 560         | ASSEMBLE             | 10-21-08                 | RTL        |
| 600         | PROOF                | 10-21-08                 | SP         |
| 605         | CHECK HEADSPACE      | 10-21-08                 | SP         |
| 610         | DIS-ASSEMBLE GUN     | 10-21-08                 | SP         |
| 612         | MAGNAFLUX            | 10/24/08                 | (KS)       |
| 510         | DRILL AND TAP        | 10-22-08                 | SP         |
| 615         | ROLLMARK CALIBER     | 10/24/08                 | RT         |
| 618         | ROTO-BLAST           | 10-29                    |            |
| 620         | APPLY COATINGS       |                          |            |
| 625         | FINAL ASSEMBLY       | 11-3-08                  | RTL        |
| 640         | FUNCTION TEST AND    | PASS FAIL                |            |
| 650         | TARGET               | PASS FAIL                | 11-4-08 SP |
|             | MALFUNCTION          | CORRECTION               |            |
|             | MALFUNCTION          | CORRECTION               |            |
|             | MALFUNCTION          | CORRECTION               |            |
|             | MALFUNCTION          | CORRECTION               |            |
| 670         | FINAL INSPECTION     |                          |            |
|             | A) HEADSPACE         | PASS FAIL                | 11-5-08 SP |
|             | B) TRIGGER PULL      | 2.55 2.66 2.53 2.42 2.38 | 11-4-08 TL |
| 680         | F) SAFETY ON FORCE   | 4.0 4.5 4.5              | 11-5-08 SP |
|             | G) SAFETY OFF FORCE  | 5.0 5.0 5.0              | 11-5-08 SP |
|             | I) FIRING PIN INDENT | .021 .022 .022           | 11-5-08 SP |
| 690         | PACK                 |                          | 11/6/08 FM |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6665805.\_\_0

FILE DATE AND TIME: 11/04/2008 16:15

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.042 |
| The Average Y Centroid of the Five Target Set:              | 0.006  |
| The Average Point of Impact of the Five Target Set:         | 0.043  |
| The Average Mean Radius of the Five Target Set:             | 0.579  |
| The Distance from POA to Centroid Target #1:                | 0.063  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.192  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.079  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.067  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.066  |

**BARBER - M24 0102814**

SERIAL NUMBER: C6665805. \_\_0

TARGET NUMBER: 1

FILE DATE: 11/04/2008

FILE TIME: 16:15

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.400  | 0.750  |
| 2:     | -0.105 | 0.500  |
| 3:     | -0.801 | 0.487  |
| 4:     | 0.012  | -0.638 |
| 5:     | -0.218 | -0.073 |
| 6:     | 0.075  | -0.276 |
| 7:     | 0.301  | -0.063 |
| 8:     | 0.044  | 0.040  |
| 9:     | -0.016 | -0.054 |
| 10:    | 0.017  | -0.114 |

X CENTROID: -0.029

Y CENTROID: 0.056

POA TO CENTROID: 0.063

HORZ SPREAD: 1.201

VERT SPREAD: 1.388

GROUP SPREAD: 1.388

MIN RADIUS: 0.075

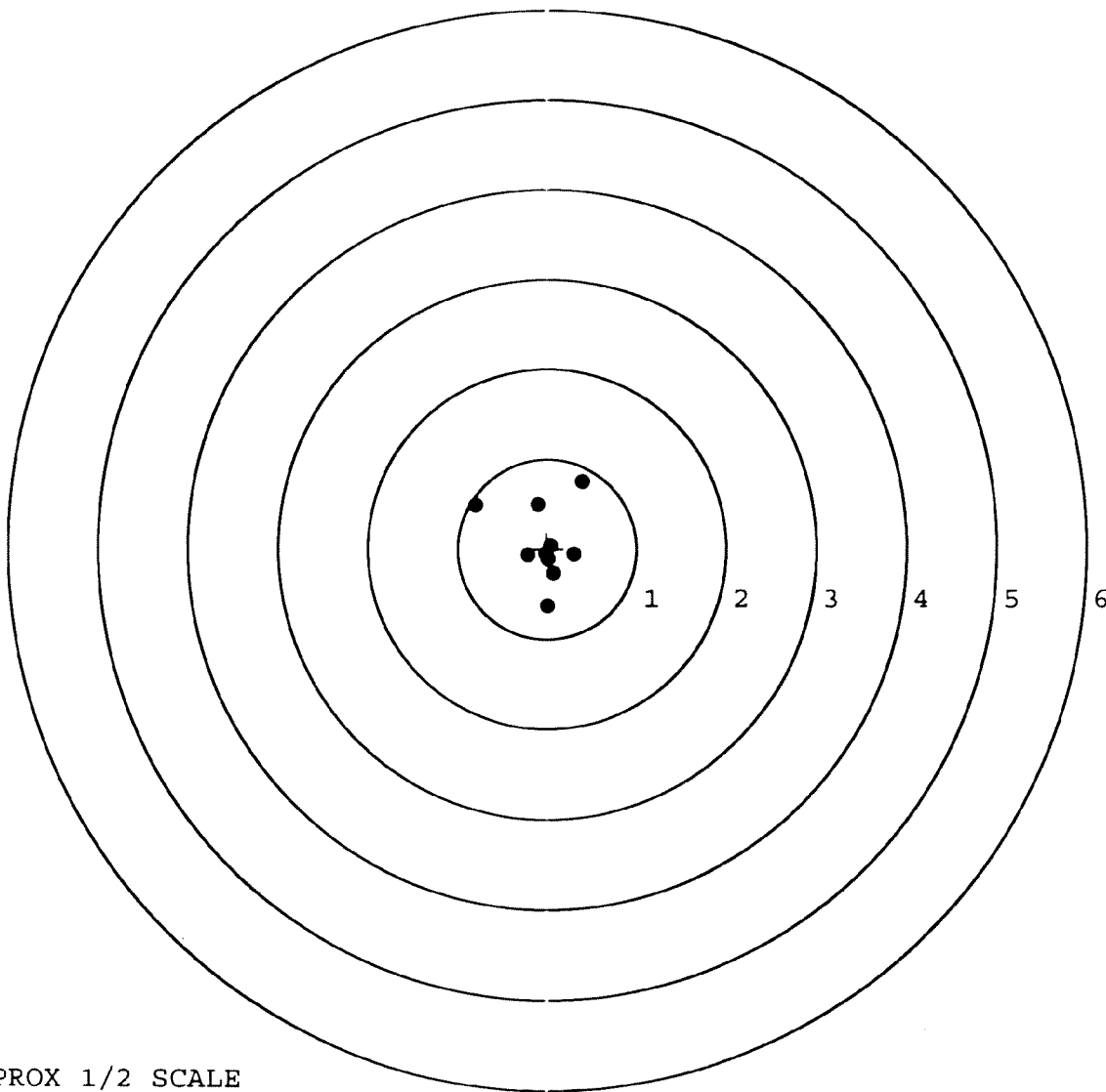
MAX RADIUS: 0.884

MEAN RADIUS: 0.413

# IN 1 IN DIAMETER: 7

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0102815**

SERIAL NUMBER: C6665805. \_\_0

TARGET NUMBER: 2

FILE DATE: 11/04/2008

FILE TIME: 16:15

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.452 | 1.132  |
| 2:     | -1.079 | 0.102  |
| 3:     | -0.690 | -0.488 |
| 4:     | -0.554 | -0.703 |
| 5:     | 0.874  | -0.791 |
| 6:     | 0.189  | -0.584 |
| 7:     | 0.558  | -0.151 |
| 8:     | 0.619  | 0.012  |
| 9:     | -0.304 | 0.288  |
| 10:    | -0.439 | 0.100  |

X CENTROID: -0.128

Y CENTROID: -0.108

POA TO CENTROID: 0.168

HORZ SPREAD: 1.953

VERT SPREAD: 1.923

GROUP SPREAD: 2.336

MIN RADIUS: 0.374

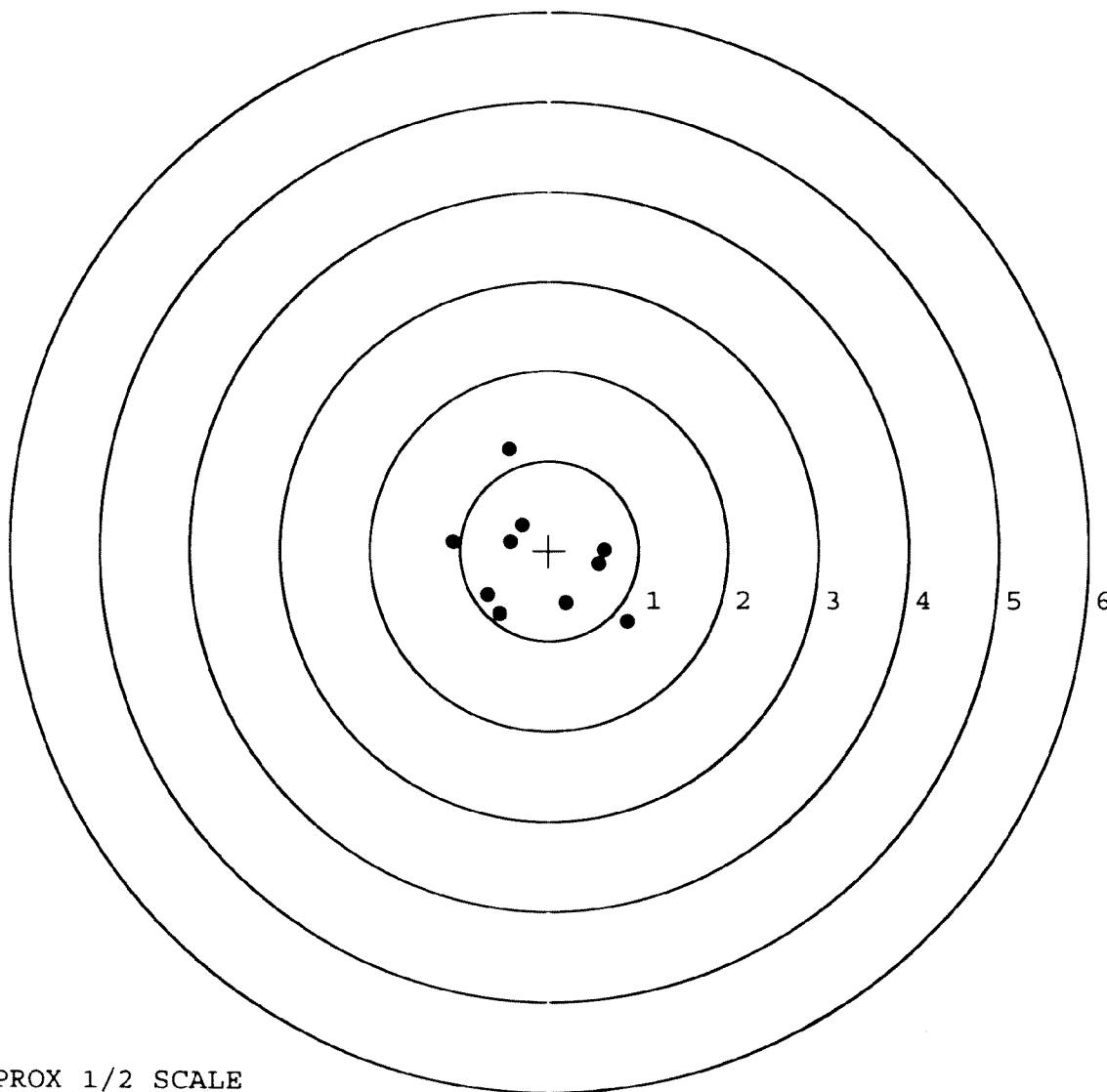
MAX RADIUS: 1.282

MEAN RADIUS: 0.770

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0102816**

SERIAL NUMBER: C6665805. \_\_0

TARGET NUMBER: 3

FILE DATE: 11/04/2008

FILE TIME: 16:15

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.216 | 0.989  |
| 2:     | 1.131  | -0.565 |
| 3:     | 0.273  | -0.921 |
| 4:     | 0.597  | -0.379 |
| 5:     | -0.050 | -0.671 |
| 6:     | -0.170 | 0.083  |
| 7:     | 0.079  | 0.812  |
| 8:     | -0.027 | 0.557  |
| 9:     | -0.195 | 0.450  |
| 10:    | 0.056  | 0.382  |

X CENTROID: 0.048

Y CENTROID: 0.074

POA TO CENTROID: 0.088

HORZ SPREAD: 2.347

VERT SPREAD: 1.910

GROUP SPREAD: 2.815

MIN RADIUS: 0.218

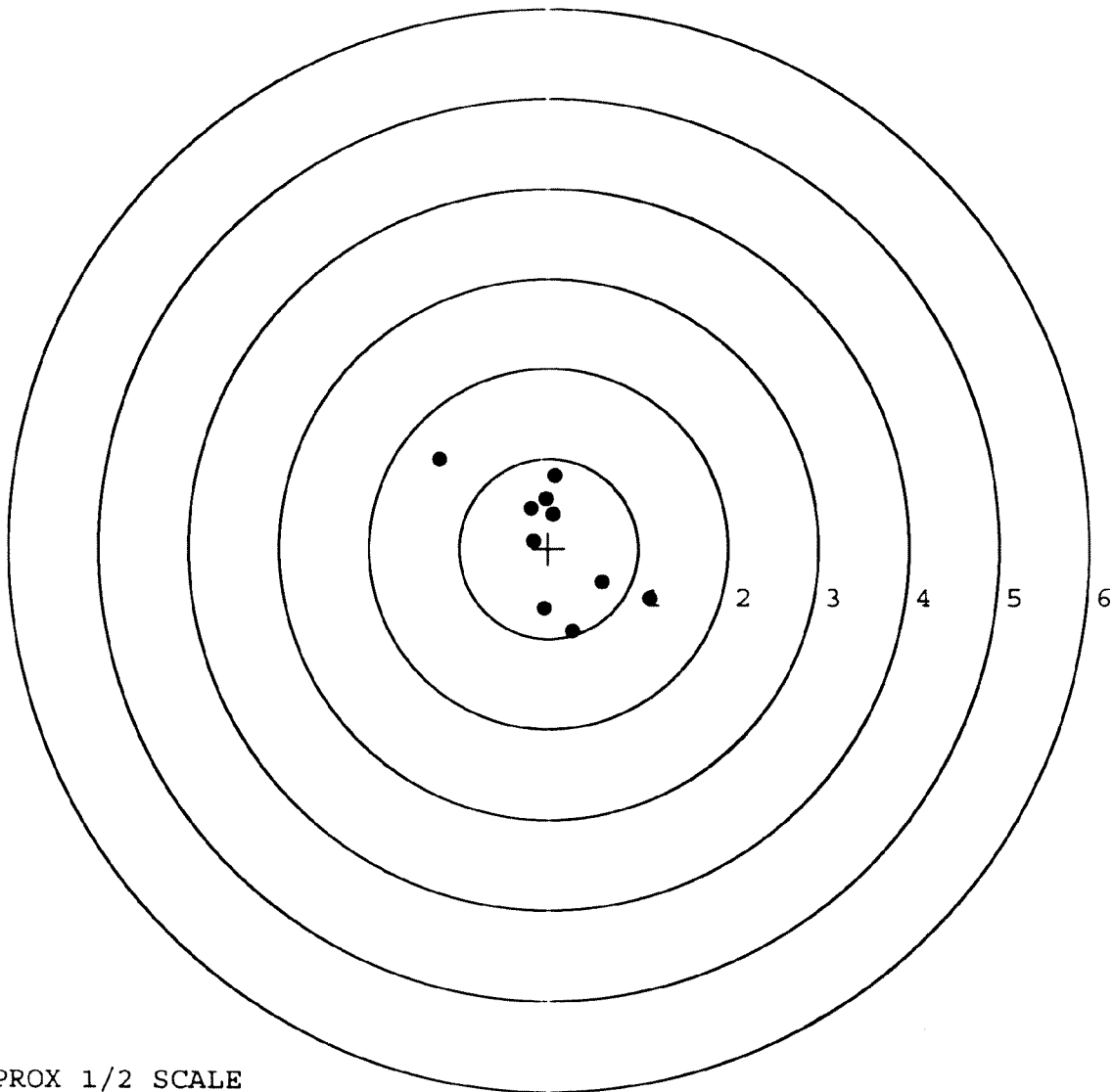
MAX RADIUS: 1.560

MEAN RADIUS: 0.750

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

**BARBER - M24 0102817**

SERIAL NUMBER: C6665805. \_\_0

TARGET NUMBER: 4

FILE DATE: 11/04/2008

FILE TIME: 16:15

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.748  | -0.302 |
| 2:     | -0.174 | -0.708 |
| 3:     | -0.065 | -0.349 |
| 4:     | -0.296 | -0.402 |
| 5:     | -0.367 | -0.180 |
| 6:     | -0.661 | 0.146  |
| 7:     | -0.130 | 0.605  |
| 8:     | -0.002 | 0.672  |
| 9:     | -0.012 | 0.564  |
| 10:    | 0.123  | 0.130  |

X CENTROID: -0.084

Y CENTROID: 0.018

POA TO CENTROID: 0.085

HORZ SPREAD: 1.409

VERT SPREAD: 1.380

GROUP SPREAD: 1.479

MIN RADIUS: 0.235

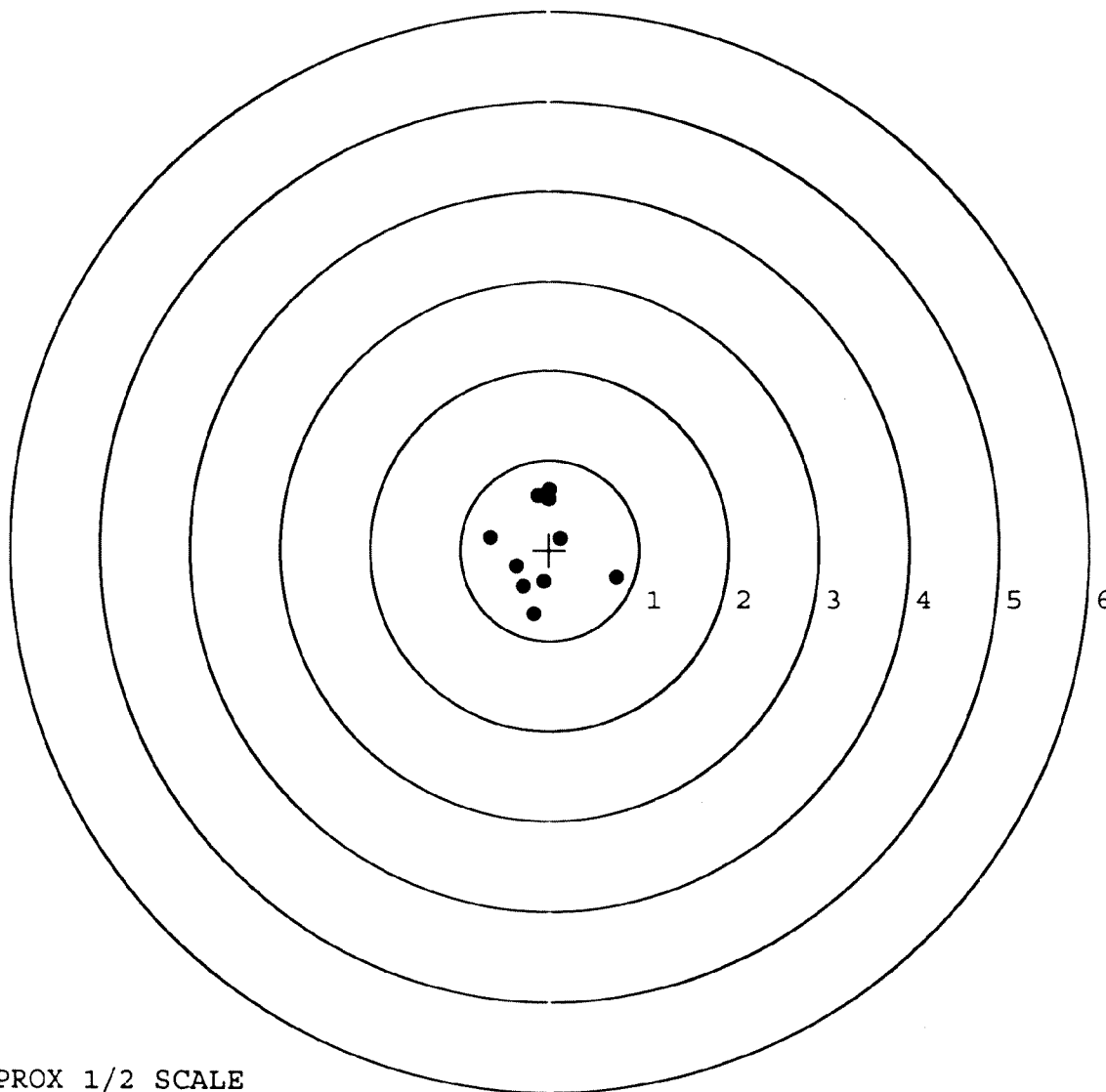
MAX RADIUS: 0.891

MEAN RADIUS: 0.543

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0102818**

SERIAL NUMBER: C6665805. \_\_0

TARGET NUMBER: 5

FILE DATE: 11/04/2008

FILE TIME: 16:15

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.539 | 0.686  |
| 2:     | -0.573 | 0.043  |
| 3:     | -0.421 | -0.556 |
| 4:     | 0.698  | 0.062  |
| 5:     | 0.115  | 0.216  |
| 6:     | -0.096 | -0.118 |
| 7:     | 0.273  | 0.003  |
| 8:     | 0.297  | -0.094 |
| 9:     | -0.014 | -0.088 |
| 10:    | 0.075  | -0.247 |

X CENTROID: -0.018

Y CENTROID: -0.009

POA TO CENTROID: 0.021

HORZ SPREAD: 1.271

VERT SPREAD: 1.242

GROUP SPREAD: 1.385

MIN RADIUS: 0.079

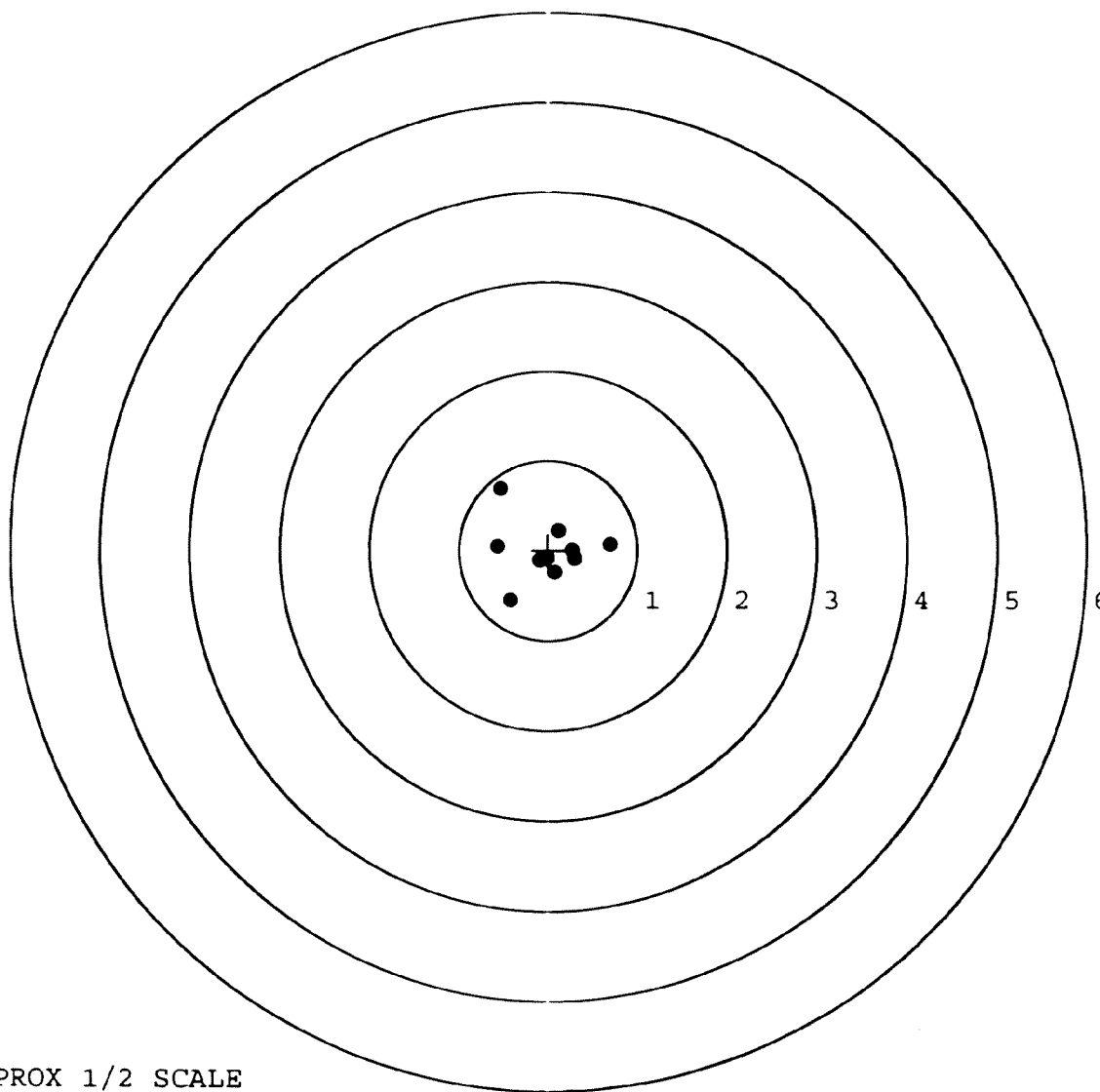
MAX RADIUS: 0.869

MEAN RADIUS: 0.417

# IN 1 IN DIAMETER: 6

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE