

E6413553  
Replace  
C-6702861

## Repair Inquiry

Repair Number: RE00126623

Serial: E6413553 Model M24 SWS Center Fire

Repairman:

Status: New 3/14/2007 5:18:59 AM

Verify Repair

## Address Information

Customer:

Received From

Return To:

Received From

Name: TRANSPORTATION OFFICE

TRANSPORTATION OFFICE

Address 1: BLDG 7199

BLDG 7199

Address 2: GLIDER ROAD

PO Box:

GLIDER ROAD

PO Box:

City: FORT CAMPBELL

FORT CAMPBELL

State: KY

Zip Code: 42223

Country: US

State: KY

Zip Code: 42223

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   |
| A045 | Bi Pod                | 1   |
| A057 | Fit and Rear Sgt Base | 2   |

Repair Search

Refresh

Close

nagletj

3/14/2007

7:34 AM

CAPS

NUM

INS

SCRL

start

4 Micros...

Arms Ser...

Part Sear...

RAC0179...

5 Intern...

7:34 AM

Serial Number: E6413553

Model: M24 SWS



RE00126623

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413553. \_\_0

FILE DATE AND TIME: 04/13/2007 14:44

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

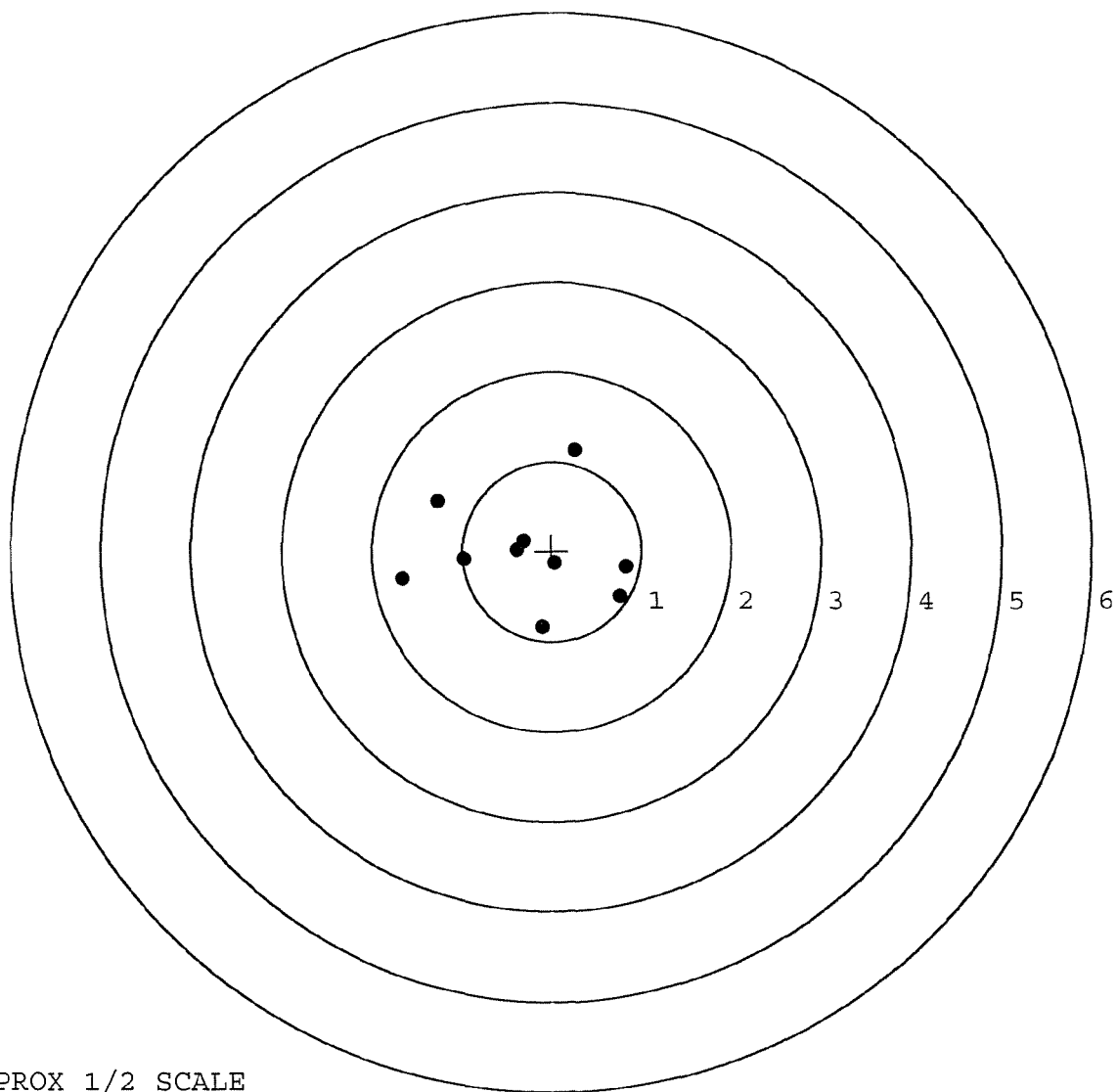
|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.079 |
| The Average Y Centroid of the Five Target Set:              | -0.042 |
| The Average Point of Impact of the Five Target Set:         | 0.089  |
| The Average Mean Radius of the Five Target Set:             | 0.756  |
| The Distance from POA to Centroid Target #1:                | 0.285  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.252  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.212  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.356  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.280  |

**BARBER - M24 0120473**

SERIAL NUMBER: E6413553. \_\_0  
 TARGET NUMBER: 1  
 FILE DATE: 04/13/2007  
 FILE TIME: 14:44

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.763  | -0.505 |
| 2:     | 0.829  | -0.177 |
| 3:     | -0.107 | -0.849 |
| 4:     | 0.035  | -0.137 |
| 5:     | -0.311 | 0.115  |
| 6:     | -0.986 | -0.089 |
| 7:     | -1.666 | -0.306 |
| 8:     | -1.274 | 0.564  |
| 9:     | 0.266  | 1.127  |
| 10:    | -0.392 | 0.014  |

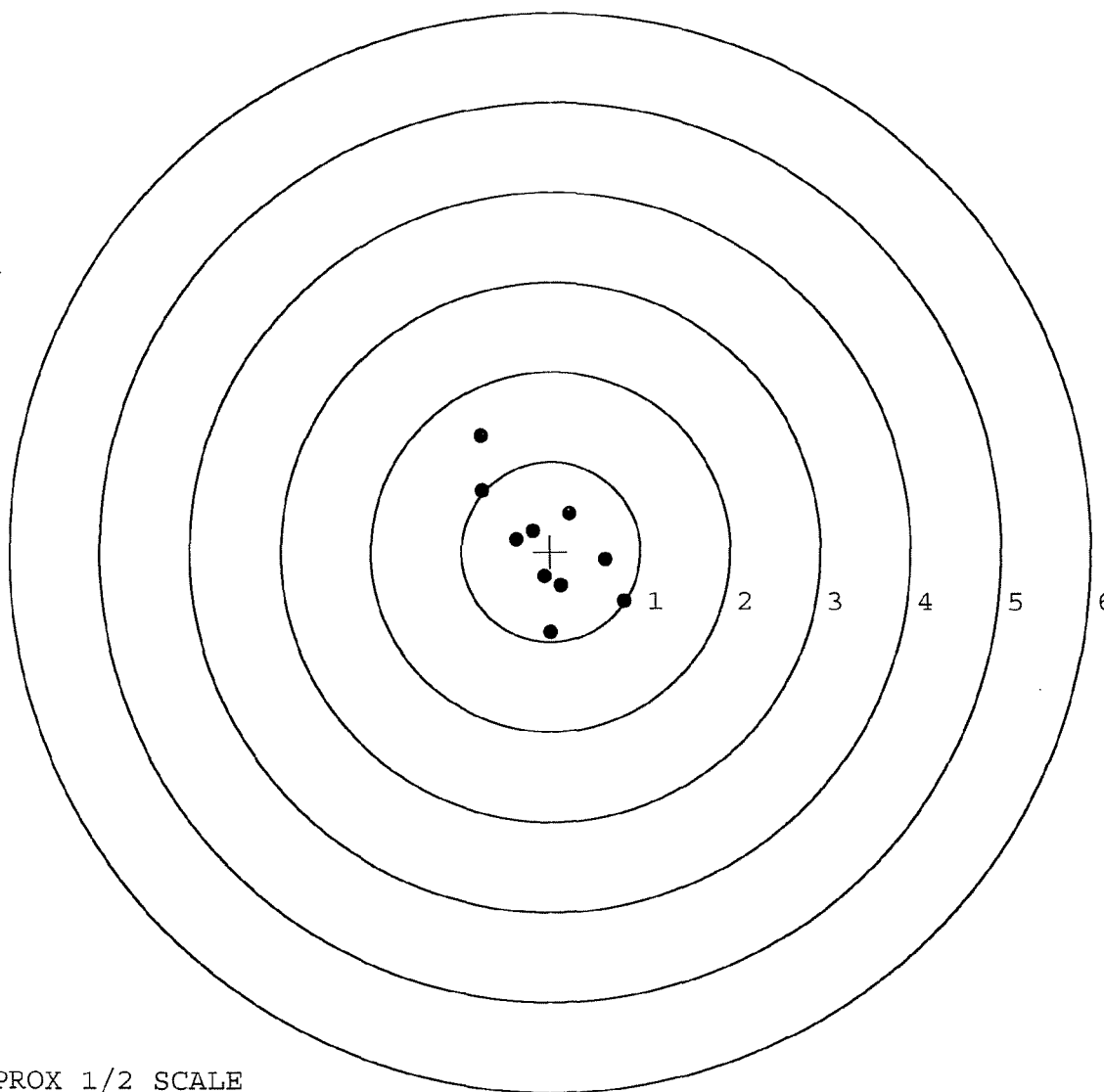
X CENTROID: -0.284  
 Y CENTROID: -0.024  
 POA TO CENTROID: 0.285  
 HORZ SPREAD: 2.495  
 VERT SPREAD: 1.976  
 GROUP SPREAD: 2.498  
 MIN RADIUS: 0.114  
 MAX RADIUS: 1.410  
 MEAN RADIUS: 0.826  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 5  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0120474**

|                              |        |        |        |
|------------------------------|--------|--------|--------|
| SERIAL NUMBER: E6413553. __0 | POINT# | X      | Y      |
| TARGET NUMBER: 2             | 1:     | 0.822  | -0.558 |
| FILE DATE: 04/13/2007        | 2:     | 0.615  | -0.093 |
| FILE TIME: 14:44             | 3:     | 0.213  | 0.424  |
|                              | 4:     | 0.006  | -0.906 |
| X CENTROID: -0.045           | 5:     | 0.115  | -0.382 |
| Y CENTROID: 0.054            | 6:     | -0.068 | -0.280 |
| POA TO CENTROID: 0.070       | 7:     | -0.205 | 0.232  |
| HORZ SPREAD: 1.611           | 8:     | -0.390 | 0.136  |
| VERT SPREAD: 2.191           | 9:     | -0.768 | 0.679  |
| GROUP SPREAD: 2.448          | 10:    | -0.789 | 1.285  |
| MIN RADIUS: 0.240            |        |        |        |
| MAX RADIUS: 1.439            |        |        |        |
| MEAN RADIUS: 0.694           |        |        |        |
| # IN 1 IN DIAMETER: 5        |        |        |        |
| # IN 2 IN DIAMETER: 8        |        |        |        |
| # in 3 IN DIAMETER: 10       |        |        |        |



TARGET APPROX 1/2 SCALE

**BARBER - M24 0120475**

SERIAL NUMBER: E6413553. \_\_ 0

TARGET NUMBER: 3

FILE DATE: 04/13/2007

FILE TIME: 14:44

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.577  | -0.829 |
| 2:     | 0.650  | -0.346 |
| 3:     | -0.068 | -0.938 |
| 4:     | -0.153 | -0.428 |
| 5:     | -1.272 | -0.455 |
| 6:     | 0.222  | 0.418  |
| 7:     | 0.008  | 0.348  |
| 8:     | -0.419 | 0.130  |
| 9:     | -0.477 | 0.429  |
| 10:    | 0.210  | 1.327  |

X CENTROID: -0.072

Y CENTROID: -0.034

POA TO CENTROID: 0.080

HORZ SPREAD: 1.922

VERT SPREAD: 2.265

GROUP SPREAD: 2.318

MIN RADIUS: 0.384

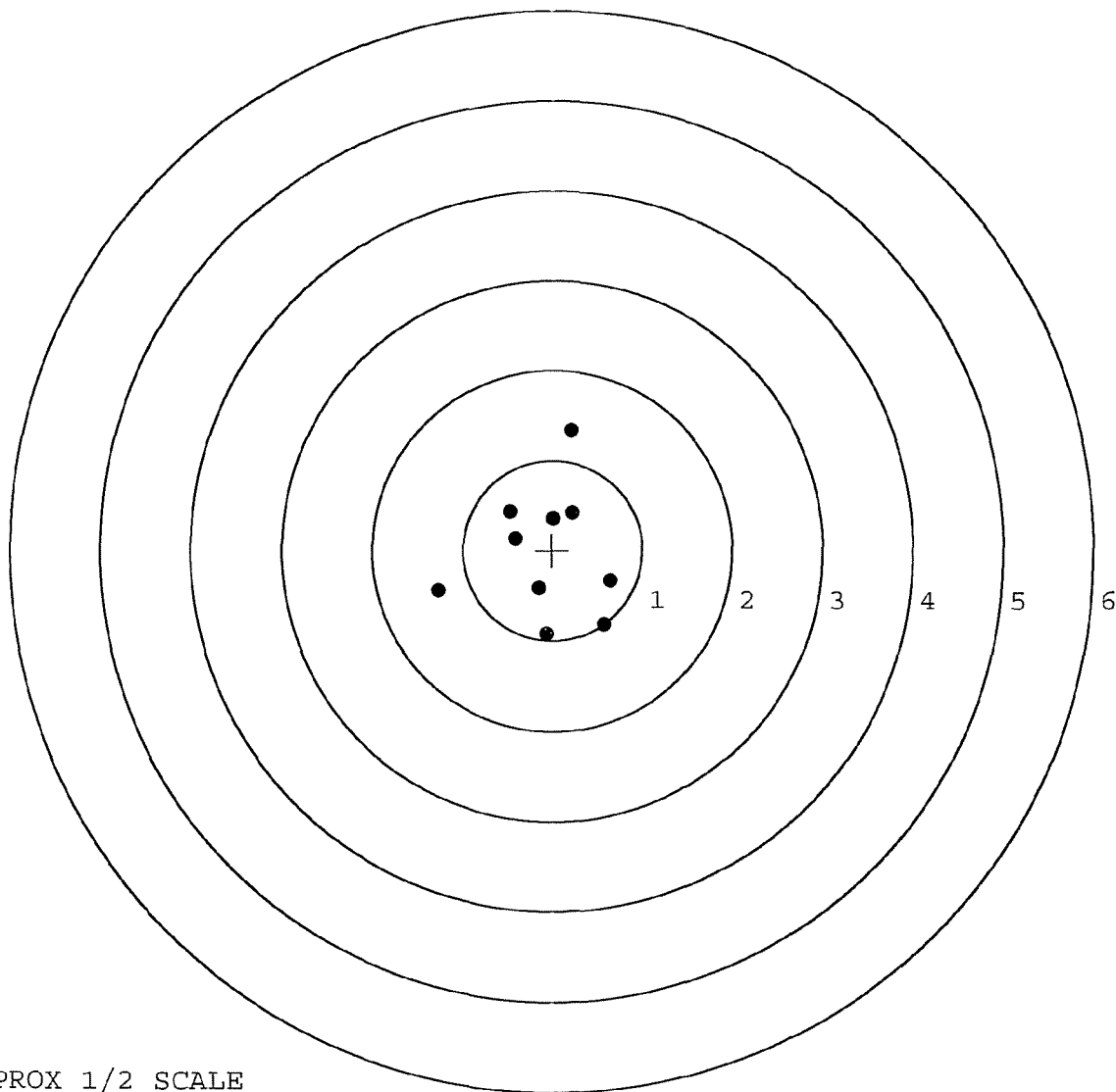
MAX RADIUS: 1.390

MEAN RADIUS: 0.771

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0120476**

SERIAL NUMBER: E6413553. 0

TARGET NUMBER: 4

FILE DATE: 04/13/2007

FILE TIME: 14:44

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.888  | -1.156 |
| 2:     | 0.873  | -0.981 |
| 3:     | 0.683  | -0.415 |
| 4:     | 0.189  | 0.835  |
| 5:     | -0.492 | -0.440 |
| 6:     | -0.569 | -0.050 |
| 7:     | -1.334 | -0.263 |
| 8:     | 0.305  | 0.002  |
| 9:     | 0.356  | 0.316  |
| 10:    | -0.766 | -0.037 |

X CENTROID: 0.013

Y CENTROID: -0.219

POA TO CENTROID: 0.219

HORZ SPREAD: 2.222

VERT SPREAD: 1.991

GROUP SPREAD: 2.395

MIN RADIUS: 0.366

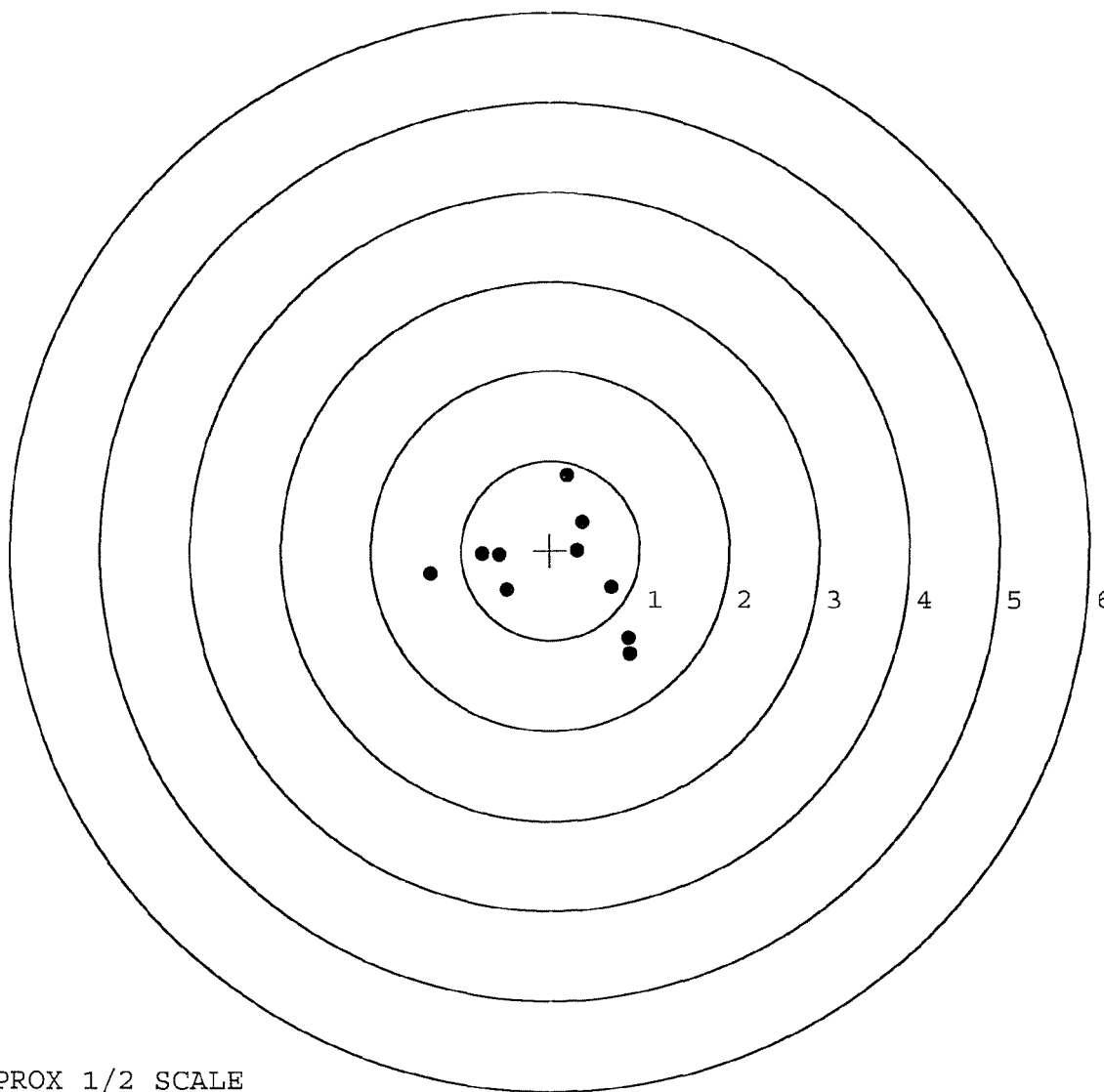
MAX RADIUS: 1.348

MEAN RADIUS: 0.850

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 10



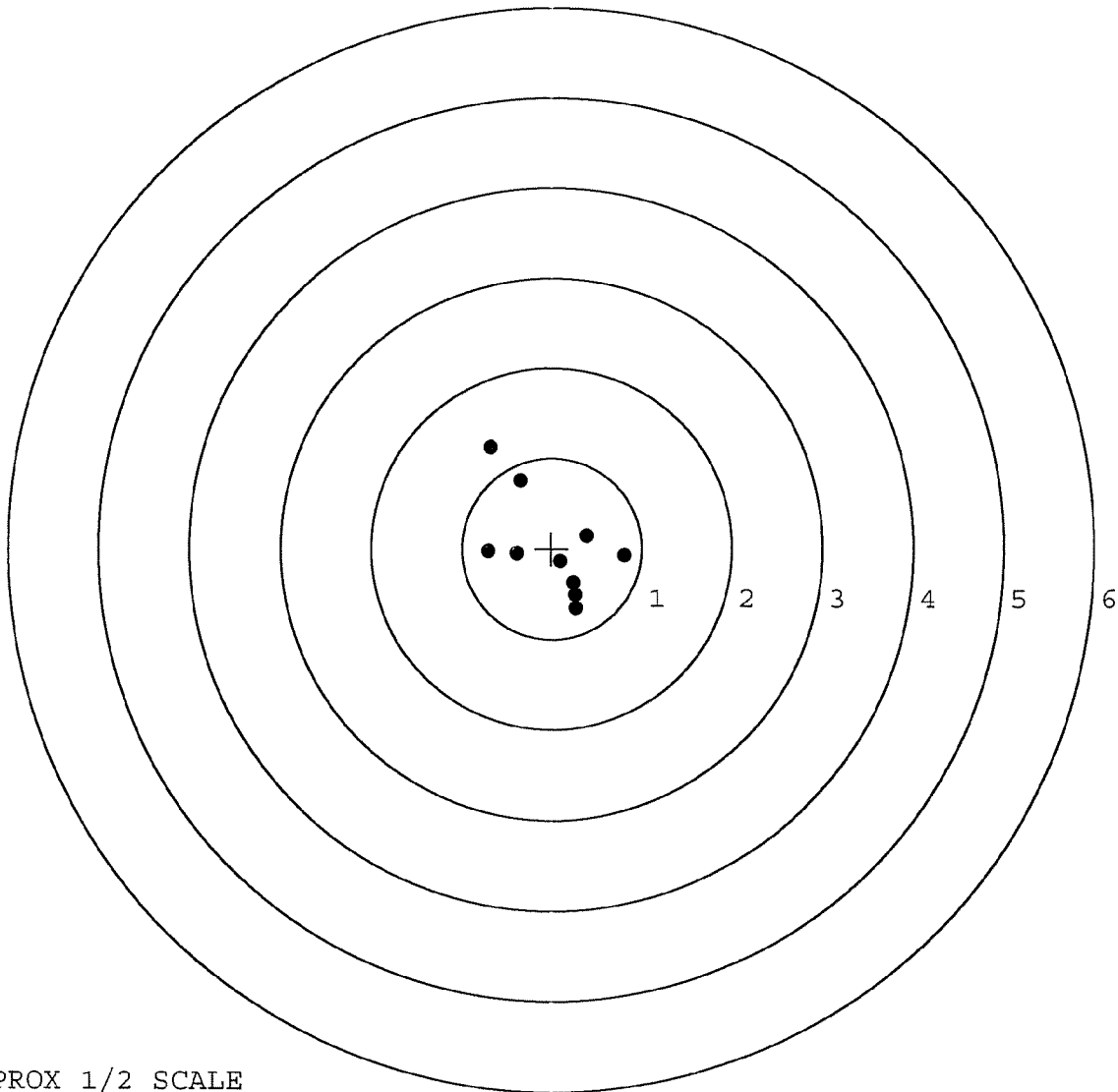
TARGET APPROX 1/2 SCALE

**BARBER - M24 0120477**

SERIAL NUMBER: E6413553. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 04/13/2007  
FILE TIME: 14:44

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.808  | -0.085 |
| 2:     | 0.389  | 0.143  |
| 3:     | -0.350 | 0.752  |
| 4:     | -0.684 | 1.114  |
| 5:     | -0.707 | -0.030 |
| 6:     | -0.391 | -0.057 |
| 7:     | 0.095  | -0.140 |
| 8:     | 0.241  | -0.383 |
| 9:     | 0.265  | -0.517 |
| 10:    | 0.268  | -0.661 |

X CENTROID: -0.007  
Y CENTROID: 0.014  
POA TO CENTROID: 0.015  
HORZ SPREAD: 1.515  
VERT SPREAD: 1.775  
GROUP SPREAD: 2.014  
MIN RADIUS: 0.184  
MAX RADIUS: 1.292  
MEAN RADIUS: 0.641  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE



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

| R & E NUMBER  | 126023               |                                           |                                  |         |
|---------------|----------------------|-------------------------------------------|----------------------------------|---------|
| SERIAL NUMBER | E6413553             |                                           |                                  |         |
| LOG-IN DATE   | 3-14-07              |                                           |                                  |         |
| OPERATION #   | OPERATION NAME       |                                           | DATE                             | INITIAL |
| 500           | DIS-ASSEMBLE GUN     |                                           | 3-19-07                          | RTZ     |
| 505           | RE-BARREL            |                                           | 3-22-07                          | RTZ     |
| 560           | ASSEMBLE             |                                           | 3-23-07                          | RTZ     |
| 600           | PROOF                |                                           | 3-23-07                          | TRW     |
| 605           | CHECK HEADSPACE      | INSPECTED                                 | 3-23-07                          | TRW     |
| 610           | DIS-ASSEMBLE GUN     | MAR 26 2007                               | 3-23-07                          | RTZ     |
| 612           | MAGNAFLUX            | OPERATOR CIPD                             | 3-26-07                          | APD     |
| 510           | DRILL AND TAP        |                                           | 3-23-07                          | TRW     |
| 615           | ROLLMARK CALIBER     |                                           | 3-26-07                          | CW      |
| 618           | ROTO-BLAST           |                                           | 3-26-07                          | LB      |
| 620           | APPLY COATINGS       |                                           | 3-26-07                          | W       |
| 625           | FINAL ASSEMBLY       |                                           | 4-5-07                           | RTZ     |
| 640           | FUNCTION TEST AND    | (PASS) FAIL                               | 4-13-07                          | TRW     |
| 650           | TARGET               | (PASS) FAIL                               | 4-13-07                          | TRW     |
|               | MALFUNCTION          | CORRECTION                                |                                  |         |
|               | MALFUNCTION          | CORRECTION                                |                                  |         |
|               | MALFUNCTION          | CORRECTION                                |                                  |         |
|               | MALFUNCTION          | CORRECTION                                | 4-13-07                          | Fry     |
| 670           | FINAL INSPECTION     |                                           | 4/19/07                          | non     |
|               | A) HEADSPACE         | (PASS) FAIL                               | 4/19/07                          | non     |
|               | B) TRIGGER PULL      | +/- .5 LBS<br>MIN 2.50 LBS<br>MAX 4.0 LBS | 2.63 2.58 2.51 2.51 2.54 4/19/07 | non     |
| 680           | F) SAFETY ON FORCE   | 2 LBS MIN<br>10 LBS MAX                   | 5.5 6.0 6.0 4/19/07              | non     |
|               | G) SAFETY OFF FORCE  | 2 LBS<br>MIN                              | 2.75 3.25 3.25 4/19/07           | non     |
|               | I) FIRING PIN INDENT | .020                                      | .022 .022 .022 4/19/07           | non     |
| 690           | PACK                 |                                           | 4/2/07                           | DA      |

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

Repair Inquiry

Repair Number: **RE00084663** Serial: E6413553 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 9/8/2004 10:02:55 AM

Address Information

Customer: Received From: Return To: Received From:

Name: **TRANSPORTATION OFFICER** **TRANSPORTATION OFFICER**

Address 1: **DOOR 30** **DOOR 30**

Address 2: **BLDG 5210** **BLDG 5210** PO Box: PO Box:

City: **FORT CAMPBELL** **FORT CAMPBELL**

State: **KY** Zip Code: **42223** Country: **US** State: **KY** Zip Code: **42223** Country: **US**

FPL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Fair Condition Notes: CSF Notes:

Accessories Received:

| Code | Desc                | Qty |
|------|---------------------|-----|
| A007 | With Studs          | 3   |
| A010 | Hard Case           | 1   |
| A017 | Scope Bases         | 3   |
| A042 | Adjustable Butt Pad | 1   |

Repair Search Refresh Close

start 4 Microsoft 2 2

Serial Number: **E6413553**

Model: **M24 SWS**



**RE00084663**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6413553.\_\_\_0  
FILE DATE AND TIME: 10/01/2004 05:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.096 |
| The Average Y Centroid of the Five Target Set:              | -0.077 |
| The Average Point of Impact of the Five Target Set:         | 0.124  |
| The Average Mean Radius of the Five Target Set:             | 0.582  |
| The Distance from POA to Centroid Target #1:                | 0.227  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.237  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.446  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.113  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.119  |

SERIAL NUMBER: C6413553. \_\_ 0

TARGET NUMBER: 1

FILE DATE: 10/01/2004

FILE TIME: 05:27

X CENTROID: 0.001

Y CENTROID: -0.227

POA TO CENTROID: 0.227

HORZ SPREAD: 0.926

VERT SPREAD: 1.630

GROUP SPREAD: 1.683

MIN RADIUS: 0.188

MAX RADIUS: 0.984

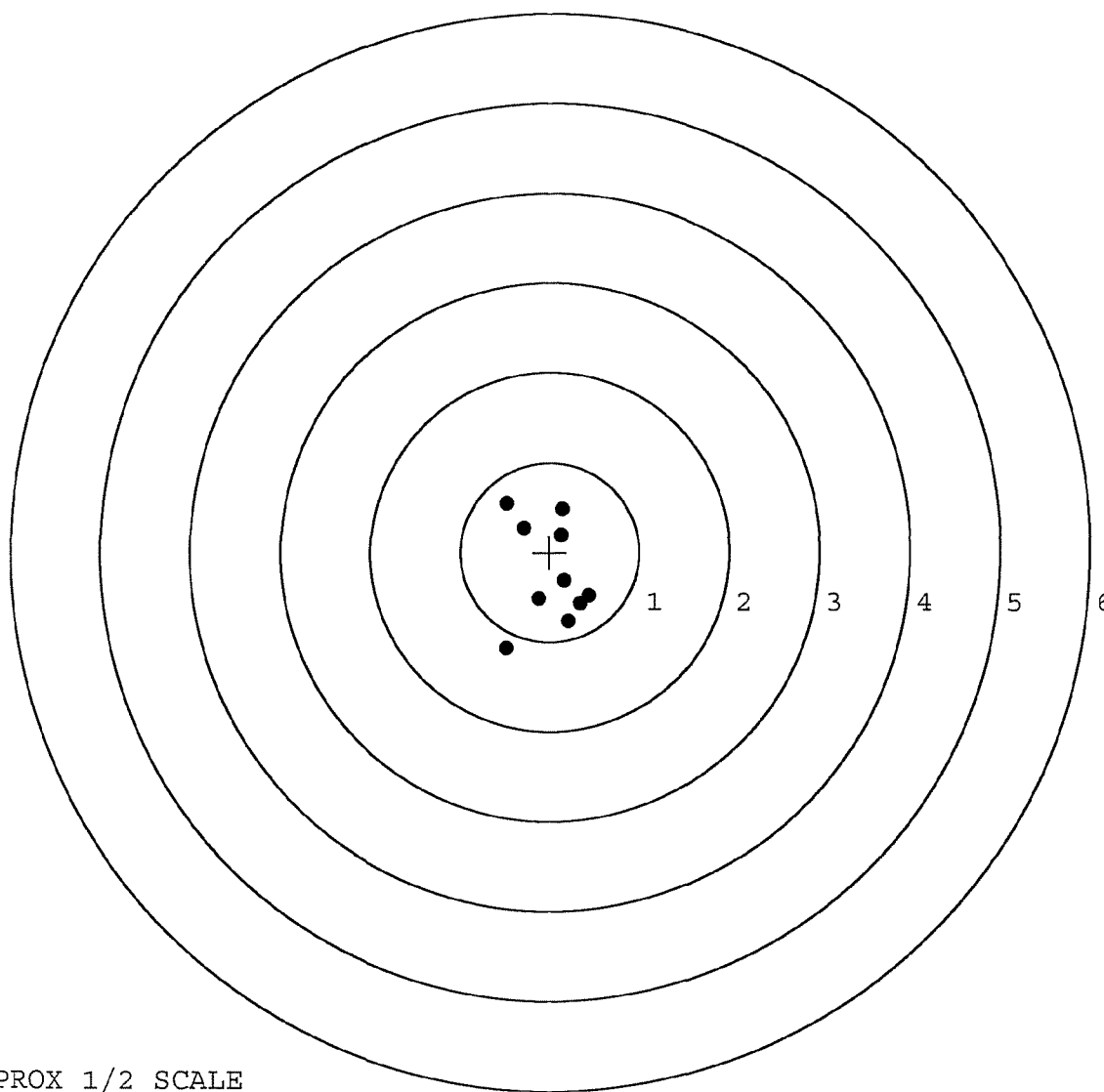
MEAN RADIUS: 0.573

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.491 | -1.079 |
| 2:     | -0.489 | 0.551  |
| 3:     | -0.294 | 0.269  |
| 4:     | 0.136  | 0.483  |
| 5:     | 0.123  | 0.192  |
| 6:     | 0.435  | -0.491 |
| 7:     | 0.164  | -0.322 |
| 8:     | 0.208  | -0.774 |
| 9:     | -0.124 | -0.524 |
| 10:    | 0.345  | -0.577 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6413553. 0

TARGET NUMBER: 2

FILE DATE: 10/01/2004

FILE TIME: 05:27

X CENTROID: -0.098

Y CENTROID: -0.013

POA TO CENTROID: 0.099

HORZ SPREAD: 1.878

VERT SPREAD: 1.578

GROUP SPREAD: 2.039

MIN RADIUS: 0.093

MAX RADIUS: 1.228

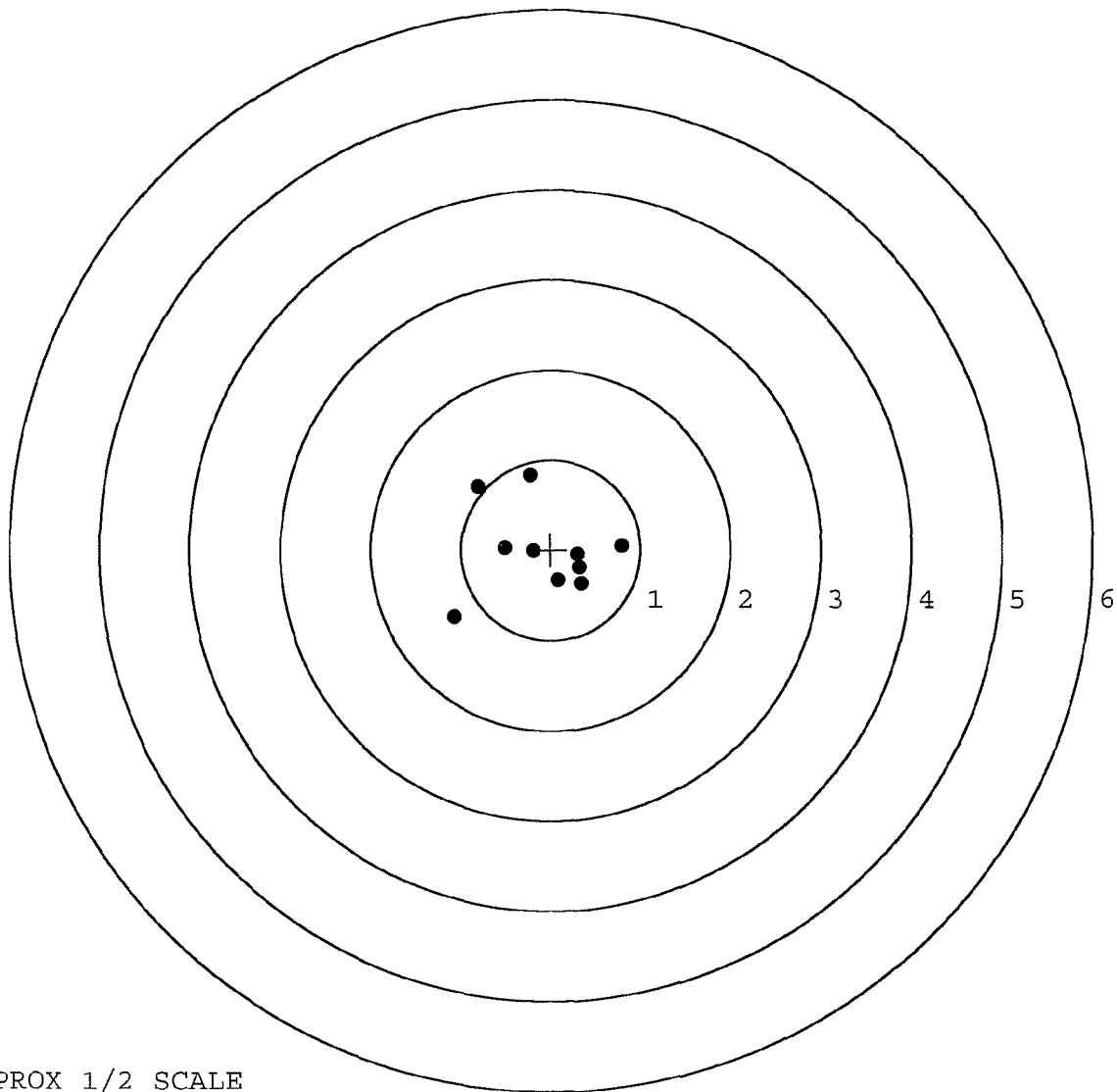
MEAN RADIUS: 0.631

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.079 | -0.751 |
| 2:     | 0.799  | 0.043  |
| 3:     | -0.228 | 0.827  |
| 4:     | -0.818 | 0.713  |
| 5:     | 0.300  | -0.047 |
| 6:     | 0.322  | -0.197 |
| 7:     | 0.081  | -0.343 |
| 8:     | -0.191 | -0.014 |
| 9:     | -0.509 | 0.023  |
| 10:    | 0.340  | -0.380 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6413553. \_\_0

TARGET NUMBER: 3

FILE DATE: 10/01/2004

FILE TIME: 05:27

X CENTROID: -0.217

Y CENTROID: 0.162

POA TO CENTROID: 0.270

HORZ SPREAD: 2.052

VERT SPREAD: 1.147

GROUP SPREAD: 2.126

MIN RADIUS: 0.226

MAX RADIUS: 1.459

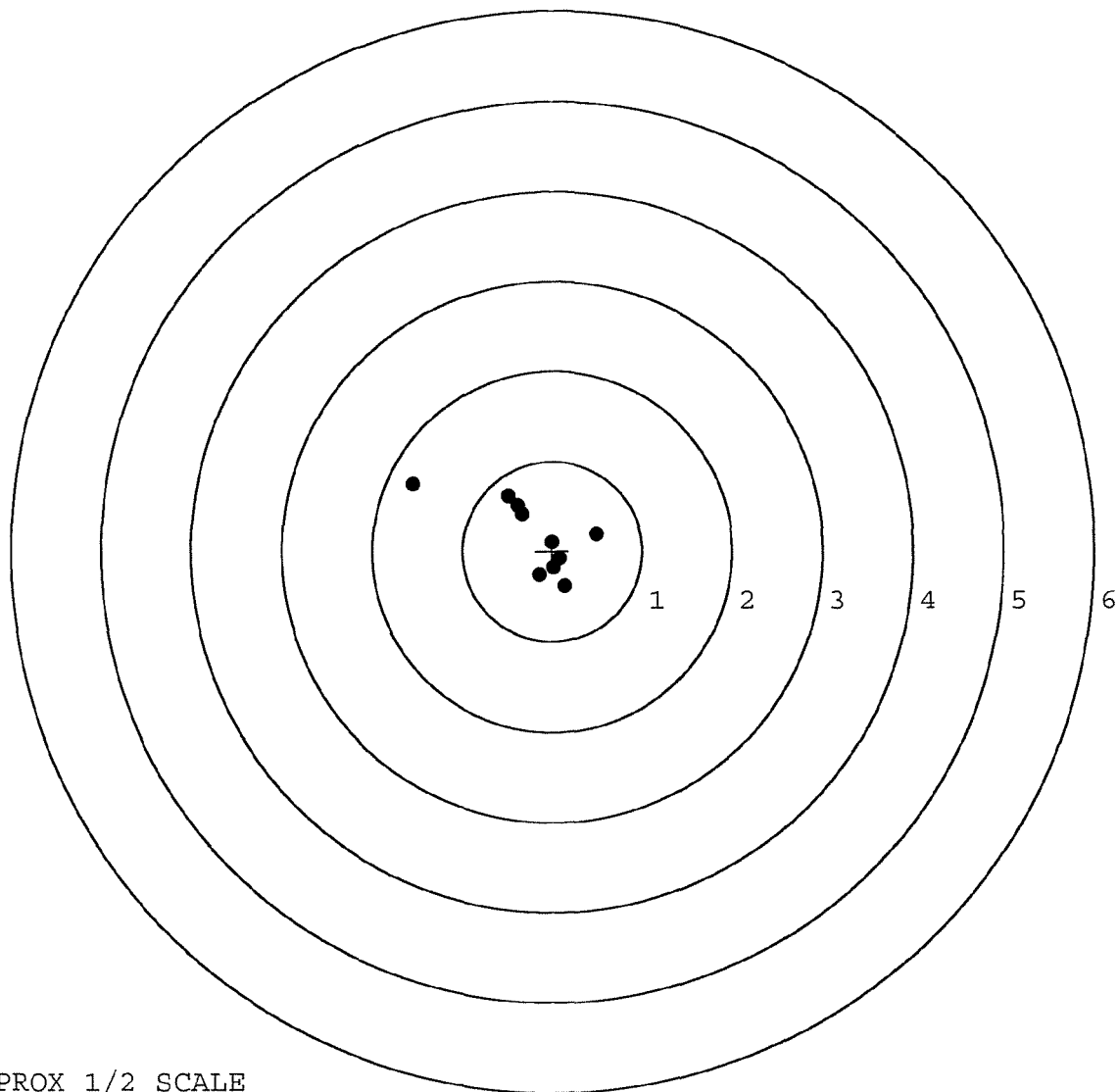
MEAN RADIUS: 0.551

# IN 1 IN DIAMETER: 6

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.500  | 0.192  |
| 2:     | -1.552 | 0.749  |
| 3:     | -0.487 | 0.619  |
| 4:     | -0.388 | 0.508  |
| 5:     | -0.335 | 0.408  |
| 6:     | -0.001 | 0.095  |
| 7:     | 0.083  | -0.092 |
| 8:     | -0.145 | -0.271 |
| 9:     | 0.146  | -0.398 |
| 10:    | 0.014  | -0.190 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6413553. \_\_ 0

TARGET NUMBER: 4

FILE DATE: 10/01/2004

FILE TIME: 05:27

X CENTROID: -0.064

Y CENTROID: -0.135

POA TO CENTROID: 0.149

HORZ SPREAD: 0.922

VERT SPREAD: 1.058

GROUP SPREAD: 1.064

MIN RADIUS: 0.155

MAX RADIUS: 0.650

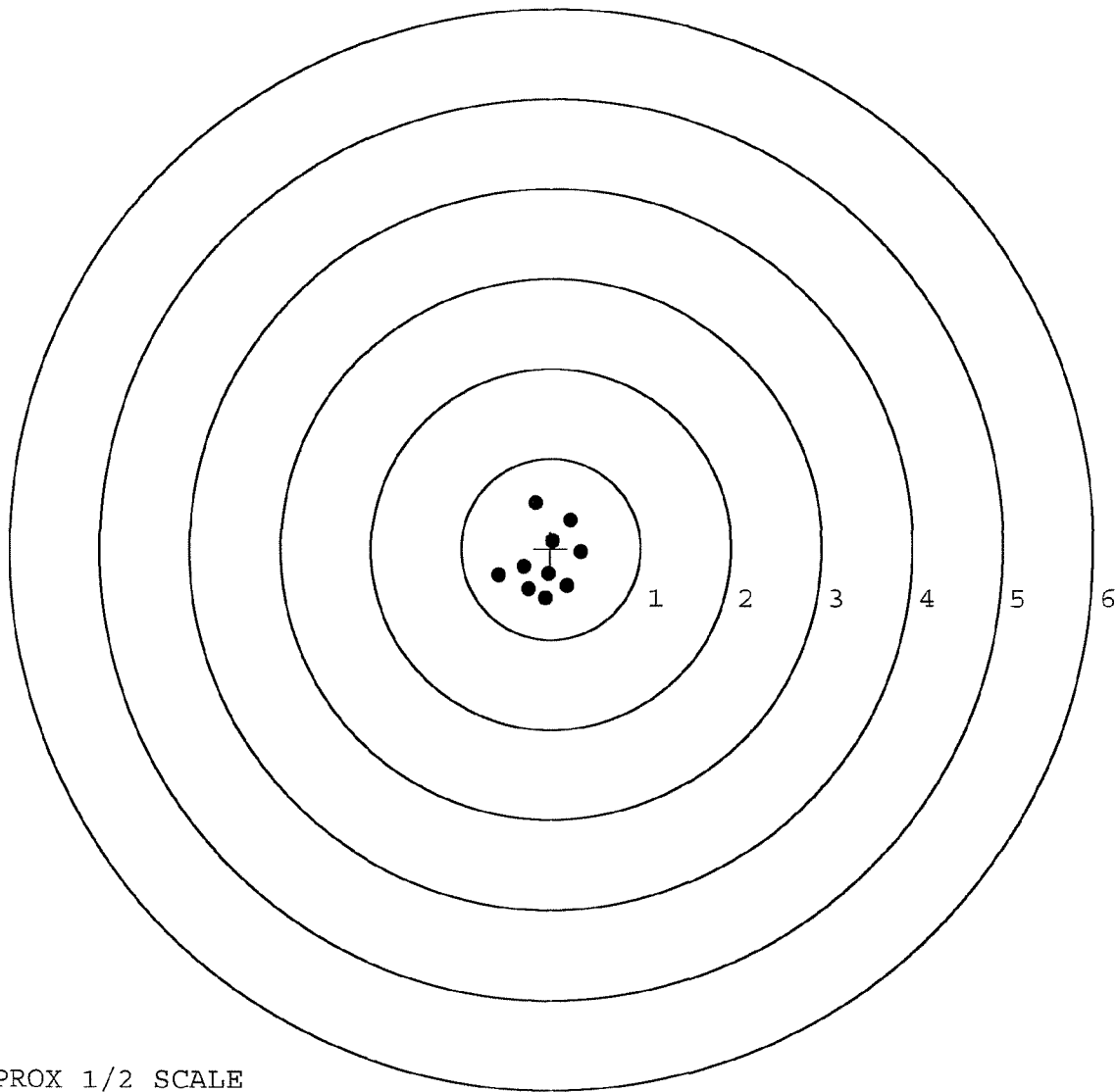
MEAN RADIUS: 0.394

# IN 1 IN DIAMETER: 7

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.177 | 0.505  |
| 2:     | -0.583 | -0.297 |
| 3:     | 0.218  | 0.312  |
| 4:     | 0.339  | -0.042 |
| 5:     | 0.022  | 0.086  |
| 6:     | 0.184  | -0.420 |
| 7:     | -0.064 | -0.553 |
| 8:     | -0.248 | -0.453 |
| 9:     | -0.301 | -0.202 |
| 10:    | -0.030 | -0.286 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6413553. \_\_0

TARGET NUMBER: 5

FILE DATE: 10/01/2004

FILE TIME: 05:27

X CENTROID: -0.105

Y CENTROID: -0.174

POA TO CENTROID: 0.204

HORZ SPREAD: 1.154

VERT SPREAD: 2.430

GROUP SPREAD: 2.476

MIN RADIUS: 0.263

MAX RADIUS: 1.485

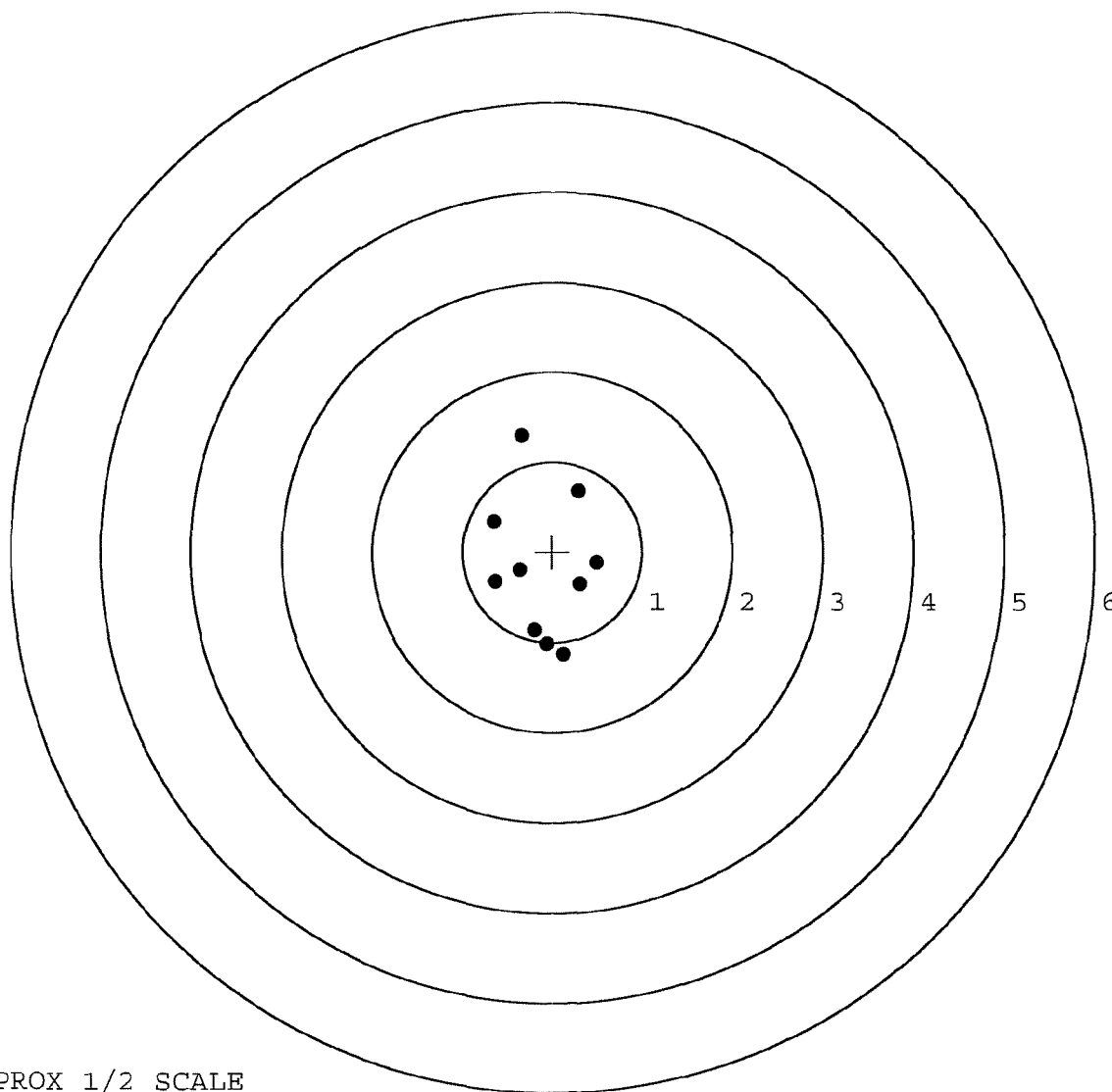
MEAN RADIUS: 0.759

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.287  | 0.677  |
| 2:     | -0.342 | 1.291  |
| 3:     | -0.659 | 0.335  |
| 4:     | -0.366 | -0.204 |
| 5:     | -0.635 | -0.329 |
| 6:     | 0.495  | -0.123 |
| 7:     | 0.308  | -0.355 |
| 8:     | 0.131  | -1.139 |
| 9:     | -0.064 | -1.025 |
| 10:    | -0.204 | -0.873 |



TARGET APPROX 1/2 SCALE



AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS  
**BARBER - M24 0120486**  
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 9-30-04

TESTER TRW

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER<br>50 CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.41                | 2.60                        |                                   | 2.30  |          |
| PULL #2 | 2.52                | 2.68                        |                                   | 2.36  |          |
| PULL #3 | 2.63                | 2.36                        |                                   | 2.26  |          |
| PULL #4 | 2.89                | 2.47                        |                                   | 2.32  |          |
| PULL #5 | 2.77                | 2.39                        |                                   | 2.22  |          |
| TOTAL   | 13.22               | 12.50                       |                                   | 11.46 |          |
| AVERAGE | 2.64                | 2.50                        |                                   | 2.29  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.11                | 3.14                        |  |          |
| PULL #2 | 3.15                | 3.20                        |  |          |
| PULL #3 | 3.21                | 3.12                        |  |          |
| PULL #4 | 3.21                | 3.11                        |  |          |
| PULL #5 | 3.11                | 3.05                        |  |          |
| TOTAL   | 15.79               | 15.62                       |  |          |
| AVERAGE | 3.15                | 3.12                        |  |          |

|         | 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 | 4.46                | 4.31                        |                                   | 4.12                                    |
| PULL #2 | 4.35                | 4.22                        |                                   | 4.08                                    |
| PULL #3 | 4.34                | 4.24                        |                                   | 4.31                                    |
| PULL #4 | 4.23                | 4.19                        |                                   | 3.97                                    |
| PULL #5 | 4.31                | 4.19                        |                                   | 4.00                                    |
| TOTAL   | 21.69               | 21.15                       |                                   | 20.48                                   |
| AVERAGE | 4.33                | 4.23                        |                                   | 4.09                                    |

|                     |                    |           |         |
|---------------------|--------------------|-----------|---------|
| R & E NUMBER        | 84663              |           |         |
| SERIAL NUMBER       | E6413553           |           |         |
| LOG-IN DATE         | 9-8-04             |           |         |
| INSPECT AND VERIFY: |                    |           |         |
| OPERATION #         | OPERATION NAME     | DATE      | INITIAL |
| 550                 | DIS-ASSEMBLE GUN   | 9-8-04    | RTL     |
| 560 A               | RE-BARREL          | 9-9-04    | RTL     |
| B                   | DRILL AND TAP      | 9-9-04    | TRW     |
| 575                 | ASSEMBLE           | 9-9-04    | RTL     |
| 600                 | PROOF              | 9-9-04    | RTL     |
| 605                 | CHECK HEADSPACE    | 9-9-04    | RTL     |
| 610                 | DIS-ASSEMBLE GUN   | 9-9-04    | RTL     |
| 612                 | MAGNAFLUX          |           |         |
| 615                 | ROLLMARK CALIBER   | 9-9-04    | RTL     |
| 618                 | ROTO-BLAST         | 9-10-04   | LB      |
| 620                 | APPLY COATINGS     | 9/28      | HP      |
| 625 A               | FINAL ASSEMBLY     | 9-30-04   | RLW     |
| B                   | TRIGGER PULL TEST  | 10-1-04   | AC      |
| C                   | SAFETY "ON" FORCE  | 10-1-04   | AC      |
| D                   | SAFETY "OFF" FORCE | 10-1-04   | AC      |
| E                   | FIRING PIN INDENT  |           |         |
| 640                 | TARGET             | 10-1-04   | TRW     |
| 655                 | FINAL INSPECT      | 10-3-04   | RTL     |
| 660                 | PACK               | 10-4-04   | DA      |
|                     |                    | SHIP DATE |         |
| QAR INSPECTION DATE |                    |           |         |

**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: **RE00050338** Serial: **06702861** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman:   
 Verify Repair Status: **Closed 8/7/02 6:32:27 AM**

**Address Information**

Customer: **HHC 3/327** Received From: **HHC 3/327** Return To: **HHC 3/327**  
 Address 1:  Address 2:  PO Box:  PO Box:   
 City: **FORT CAMPBELL** City: **FORT CAMPBELL**  
 State: **KY** Zip Code: **42223** Country: **US** State: **KY** Zip Code: **42223** Country: **US**  
 FFL:

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

**Contact Information**

Phone: **270-798-3724**  
 Fax:   
 Email:   
 Comments:

**Received Condition**

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

**Accessories Received**

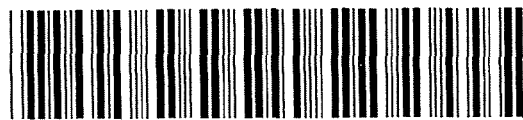
| Code | Desc               | Qty |
|------|--------------------|-----|
| A007 | With Stud          | 1   |
| A017 | Scope Base         | 1   |
| A026 | Scope              | 1   |
| X    | FRT. & REAR SGT BA | 2   |

Repair Search Refresh Close

raget 8/7/02 7:44 AM CAP3 NUM IKS SERL

Start Inbox - Micros Calendar - Micro Microsoft Excel Arms Servic... Printscreen 95 7:44 AM

Serial Number: **06702861**  
 Model: **700**



**RE00050338**

*E 6413553*

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413553. \_\_0

FILE DATE AND TIME: 08/23/2002 13:46

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

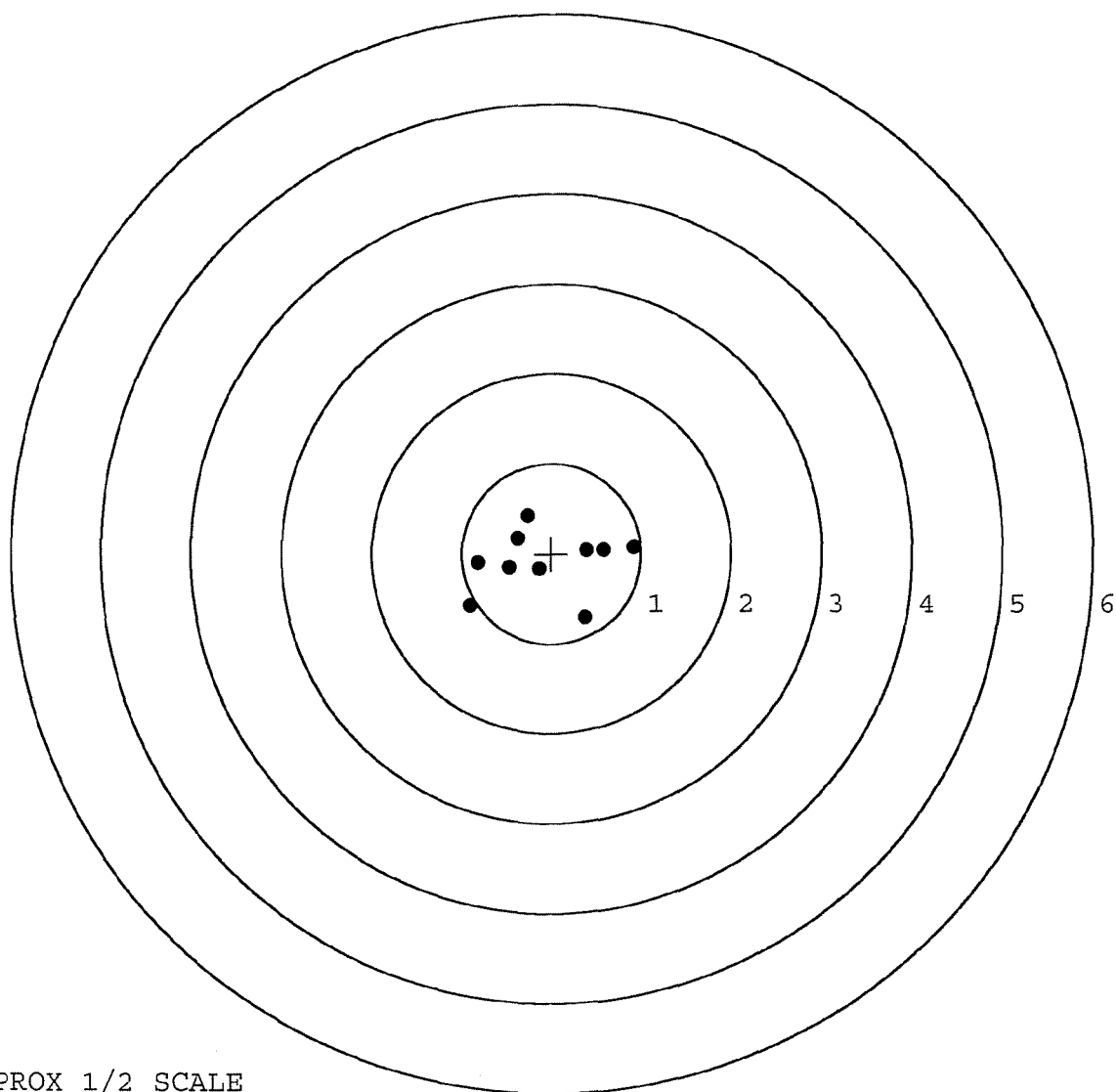
|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.104 |
| The Average Y Centroid of the Five Target Set:              | -0.124 |
| The Average Point of Impact of the Five Target Set:         | 0.162  |
| The Average Mean Radius of the Five Target Set:             | 0.603  |
| The Distance from POA to Centroid Target #1:                | 0.118  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.186  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.233  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.321  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.159  |

**BARBER - M24 0120490**

SERIAL NUMBER: E6413553. \_\_0  
 TARGET NUMBER: 1  
 FILE DATE: 08/23/2002  
 FILE TIME: 13:46

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.924  | 0.077  |
| 2:     | 0.374  | -0.711 |
| 3:     | 0.591  | 0.049  |
| 4:     | 0.399  | 0.043  |
| 5:     | -0.267 | 0.424  |
| 6:     | -0.384 | 0.177  |
| 7:     | -0.135 | -0.169 |
| 8:     | -0.825 | -0.101 |
| 9:     | -0.909 | -0.577 |
| 10:    | -0.470 | -0.159 |

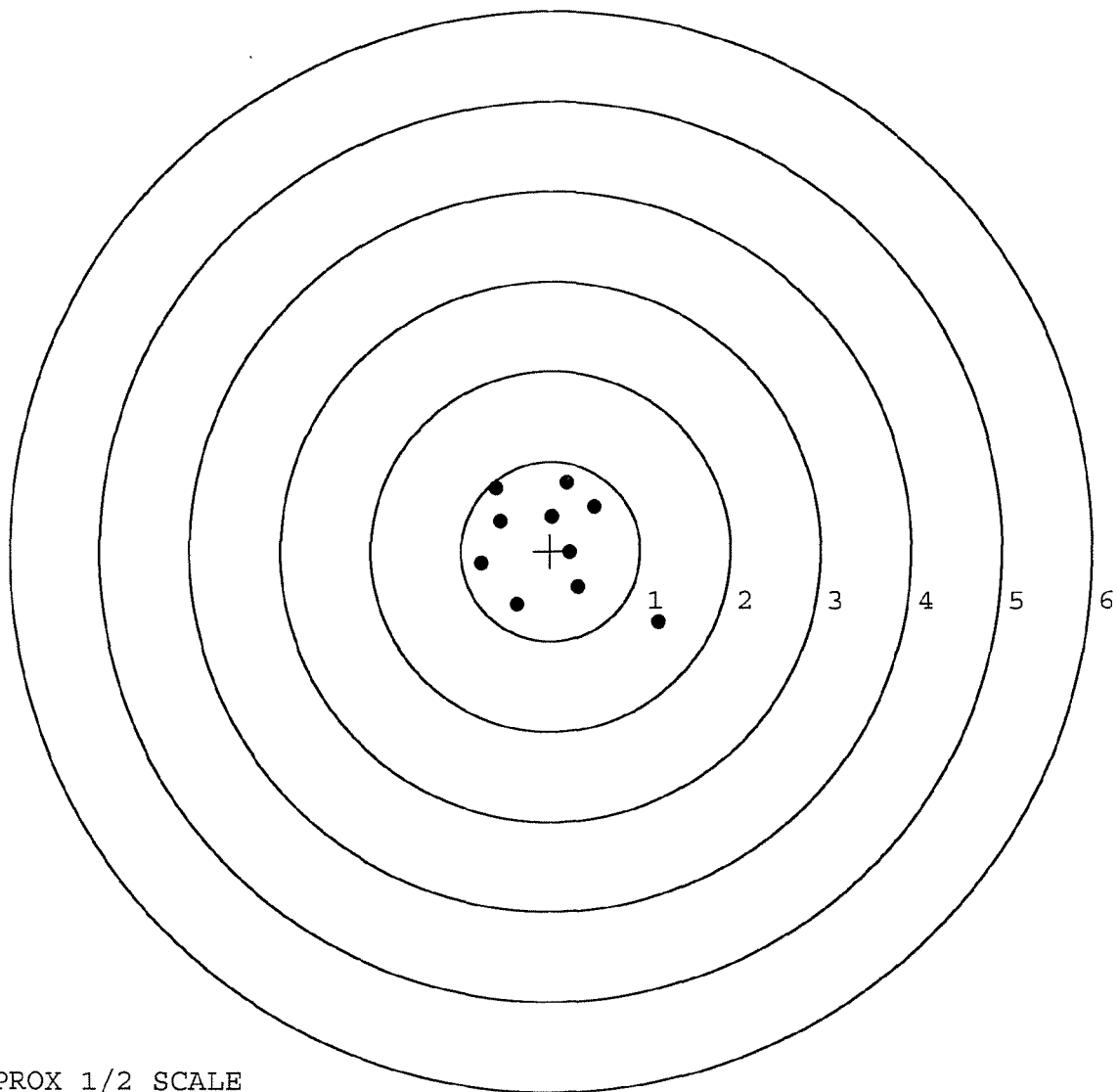
X CENTROID: -0.070  
 Y CENTROID: -0.095  
 POA TO CENTROID: 0.118  
 HORZ SPREAD: 1.833  
 VERT SPREAD: 1.135  
 GROUP SPREAD: 1.946  
 MIN RADIUS: 0.099  
 MAX RADIUS: 1.009  
 MEAN RADIUS: 0.613  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0120491**

|                            |        |        |        |
|----------------------------|--------|--------|--------|
| SERIAL NUMBER: E6413553. 0 | POINT# | X      | Y      |
| TARGET NUMBER: 2           | 1:     | 1.204  | -0.799 |
| FILE DATE: 08/23/2002      | 2:     | 0.308  | -0.406 |
| FILE TIME: 13:46           | 3:     | -0.377 | -0.597 |
|                            | 4:     | -0.771 | -0.139 |
| X CENTROID: 0.010          | 5:     | -0.564 | 0.339  |
| Y CENTROID: 0.073          | 6:     | -0.608 | 0.706  |
| POA TO CENTROID: 0.074     | 7:     | 0.215  | -0.019 |
| HORZ SPREAD: 1.975         | 8:     | 0.018  | 0.382  |
| VERT SPREAD: 1.563         | 9:     | 0.185  | 0.764  |
| GROUP SPREAD: 2.355        | 10:    | 0.490  | 0.498  |
| MIN RADIUS: 0.225          |        |        |        |
| MAX RADIUS: 1.478          |        |        |        |
| MEAN RADIUS: 0.703         |        |        |        |
| # IN 1 IN DIAMETER: 2      |        |        |        |
| # IN 2 IN DIAMETER: 9      |        |        |        |
| # in 3 IN DIAMETER: 10     |        |        |        |

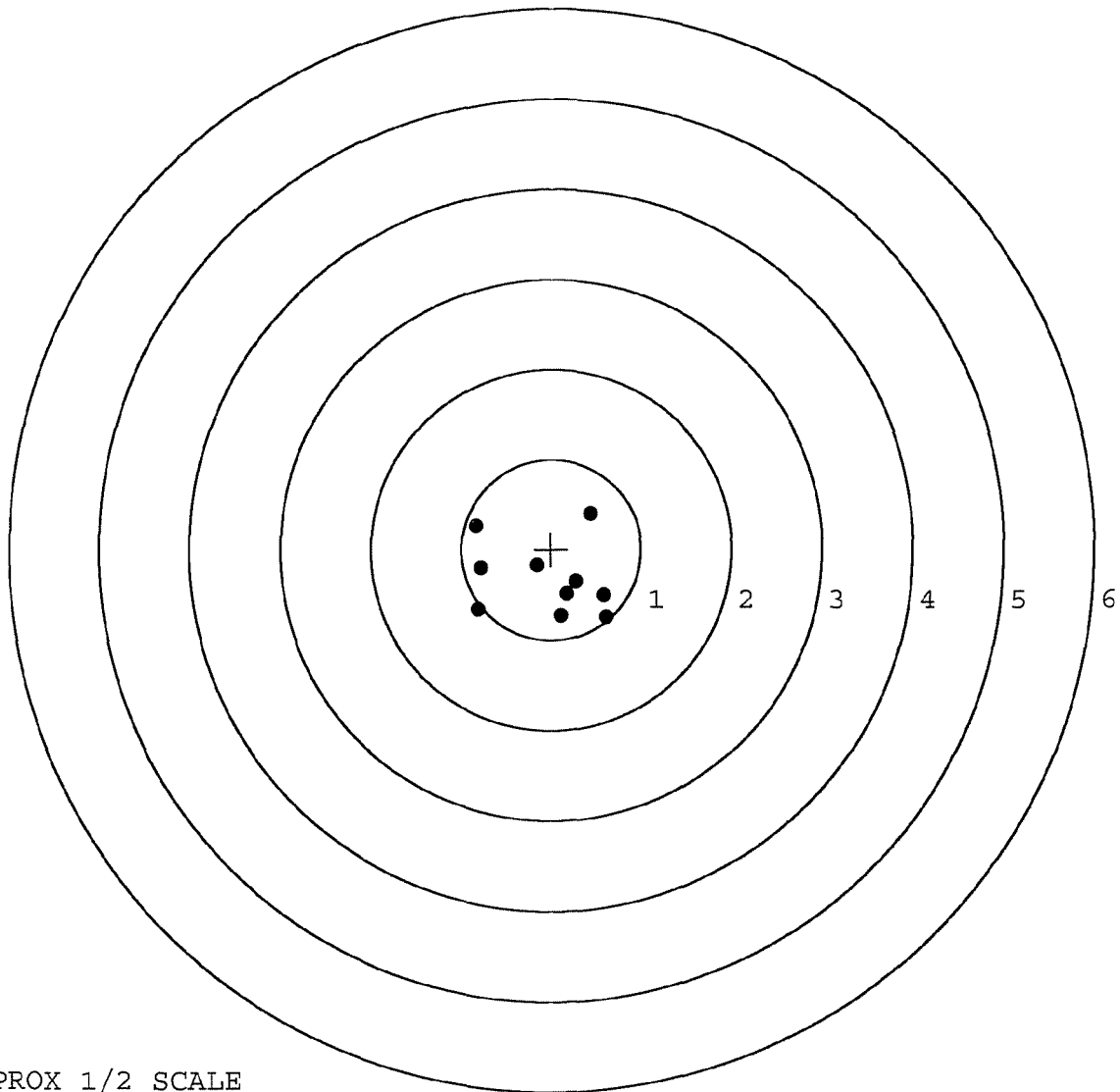


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413553. \_\_0  
 TARGET NUMBER: 3  
 FILE DATE: 08/23/2002  
 FILE TIME: 13:46

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.615  | -0.751 |
| 2:     | 0.588  | -0.513 |
| 3:     | 0.180  | -0.494 |
| 4:     | 0.109  | -0.739 |
| 5:     | 0.276  | -0.361 |
| 6:     | -0.154 | -0.182 |
| 7:     | -0.816 | -0.664 |
| 8:     | -0.783 | -0.211 |
| 9:     | -0.840 | 0.265  |
| 10:    | 0.434  | 0.396  |

X CENTROID: -0.039  
 Y CENTROID: -0.325  
 POA TO CENTROID: 0.328  
 HORZ SPREAD: 1.455  
 VERT SPREAD: 1.147  
 GROUP SPREAD: 1.775  
 MIN RADIUS: 0.184  
 MAX RADIUS: 0.995  
 MEAN RADIUS: 0.611  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 10  
 # in 3 IN DIAMETER: 10



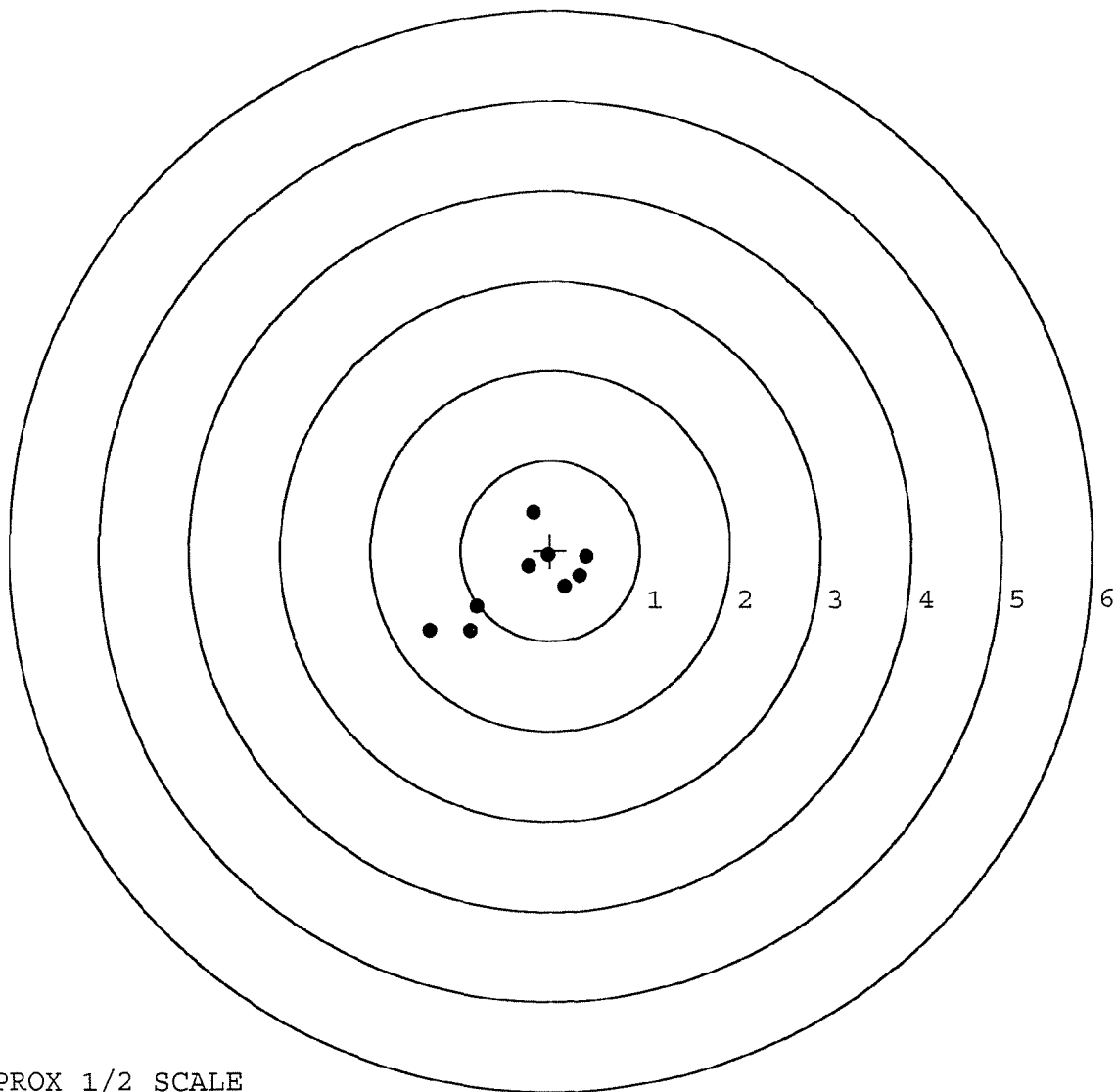
TARGET APPROX 1/2 SCALE

**BARBER - M24 0120493**

SERIAL NUMBER: E6413553. \_\_0  
 TARGET NUMBER: 4  
 FILE DATE: 08/23/2002  
 FILE TIME: 13:46

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.899 | -0.884 |
| 2:     | -0.823 | -0.619 |
| 3:     | -1.343 | -0.881 |
| 4:     | -0.190 | 0.424  |
| 5:     | -0.241 | -0.178 |
| 6:     | -0.024 | -0.055 |
| 7:     | 0.404  | -0.071 |
| 8:     | 0.328  | -0.277 |
| 9:     | 0.161  | -0.401 |

X CENTROID: -0.292  
 Y CENTROID: -0.327  
 POA TO CENTROID: 0.438  
 HORZ SPREAD: 1.747  
 VERT SPREAD: 1.308  
 GROUP SPREAD: 1.926  
 MIN RADIUS: 0.157  
 MAX RADIUS: 1.188  
 MEAN RADIUS: 0.637  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE



SERIAL NUMBER: E6413553. \_\_0

TARGET NUMBER: 5

FILE DATE: 08/23/2002

FILE TIME: 13:46

X CENTROID: -0.130

Y CENTROID: 0.052

POA TO CENTROID: 0.140

HORZ SPREAD: 1.465

VERT SPREAD: 0.791

GROUP SPREAD: 1.532

MIN RADIUS: 0.175

MAX RADIUS: 0.975

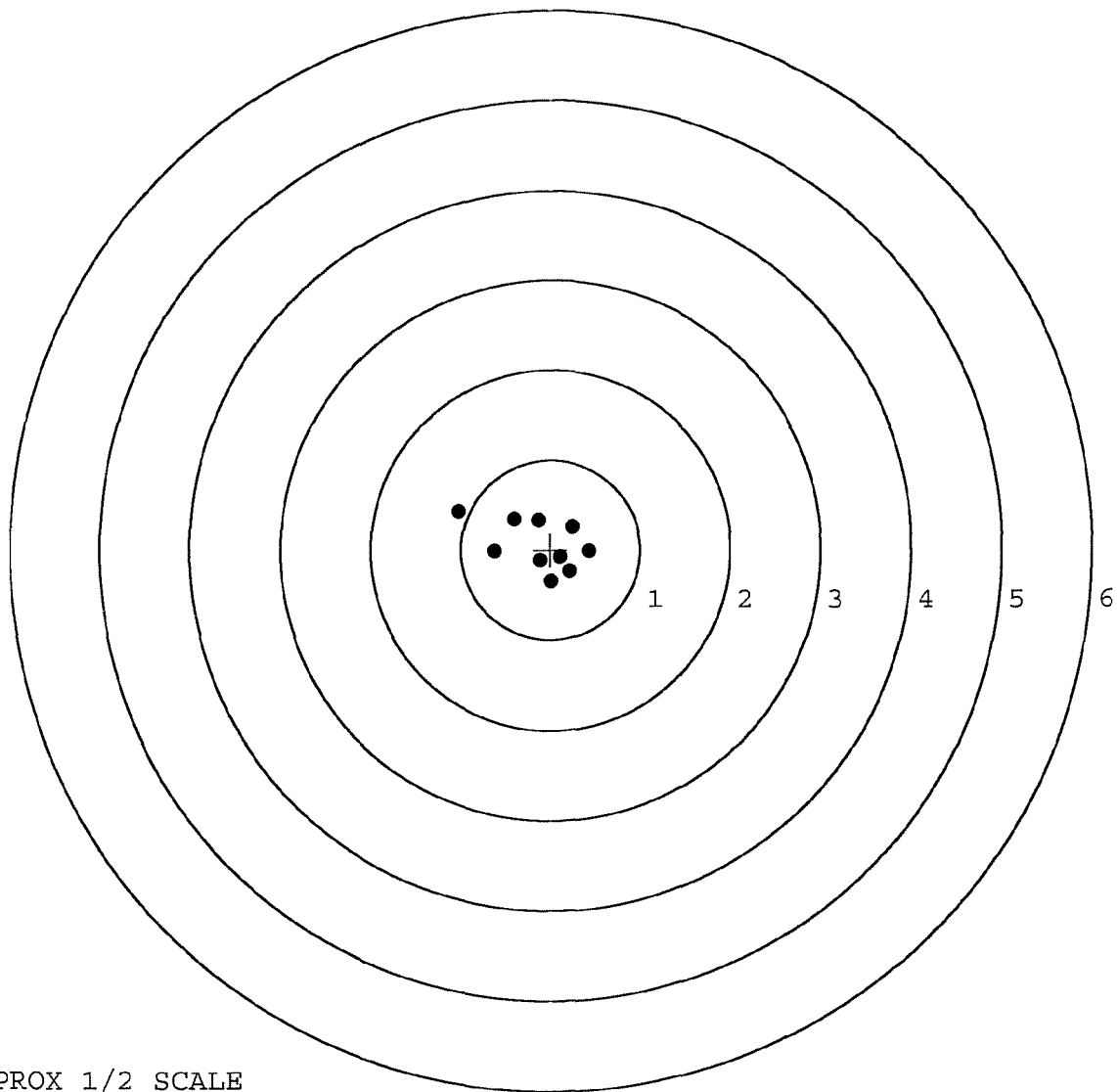
MEAN RADIUS: 0.449

# IN 1 IN DIAMETER: 8

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.413 | 0.342  |
| 2:     | -0.623 | -0.017 |
| 3:     | -1.028 | 0.432  |
| 4:     | -0.138 | 0.330  |
| 5:     | 0.241  | 0.257  |
| 6:     | 0.437  | -0.015 |
| 7:     | 0.218  | -0.240 |
| 8:     | 0.011  | -0.359 |
| 9:     | -0.116 | -0.122 |
| 10:    | 0.112  | -0.086 |



TARGET APPROX 1/2 SCALE

**M-24 INSPECTION CHECKLIST**  
**CONTRACT #: DAAE-20-97-C-242**

|                            |                     |           |                         |
|----------------------------|---------------------|-----------|-------------------------|
| R & E NUMBER               | 50338               |           |                         |
| SERIAL NUMBER              | C-6702861 E6413553  |           |                         |
| LOG-IN DATE                | 8/7/02              |           |                         |
| <b>INSPECT AND VERIFY:</b> |                     |           |                         |
| OPERATION #                | OPERATION NAME      | DATE      | INITIAL                 |
| 550                        | DIS-ASSEMBLE GUN    | 8/8/02    | RL                      |
| 560 A                      | RE-BARREL           | 8-12-02   | DA                      |
| B                          | DRILL AND TAP       | 8-13-02   | A                       |
| 575                        | ASSEMBLE            | 8/13/02   | RL                      |
| 600                        | PROOF               | 8-13-02   | MAGNA-FLUX<br>INSPECTED |
| 605                        | CHECK HEADSPACE     | 8/13/02   | RL AUG 14 2002          |
| 610                        | DIS-ASSEMBLE GUN    | 8/13/02   | RL                      |
| 612                        | MAGNAFLUX           |           | OPERATOR RL             |
| 615                        | ROLLMARK CALIBER    | 8/14      | 13                      |
| 618                        | ROTO-BLAST          | 8/15      | 150                     |
| 620                        | APPLY COATINGS      | 8-16      | TA                      |
| 625 A                      | FINAL ASSEMBLY      | 8/21/02   | RL                      |
| B                          | TRIGGER PULL TEST   |           |                         |
| C                          | SAFETY "ON" FORCE   |           |                         |
| D                          | SAFETY "OFF" FORCE  |           |                         |
| E                          | FIRING PIN INDENT   |           |                         |
| 640                        | TARGET              | 8-22-02   | TRW                     |
| 655                        | FINAL INSPECT       | 8-22-02   | RL                      |
| 660                        | PACK                | 8-27-02   | DA                      |
|                            |                     |           |                         |
|                            |                     |           |                         |
|                            |                     |           |                         |
|                            |                     |           |                         |
|                            |                     | SHIP DATE |                         |
|                            |                     |           |                         |
|                            | QAR INSPECTION DATE |           |                         |

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6702861  
27 Oct 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0588  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1454  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .156839

THE AMR FOR THIS RIFLE IS: .9788

# CENTROIDAL DISTANCES

|        |         |
|--------|---------|
| 0 TO 1 | .505059 |
| 1 TO 2 | .775867 |
| 1 TO 3 | .464165 |
| 1 TO 4 | .445224 |
| 1 TO 5 | .352502 |

1  
5  
4  
3  
2 <----POA

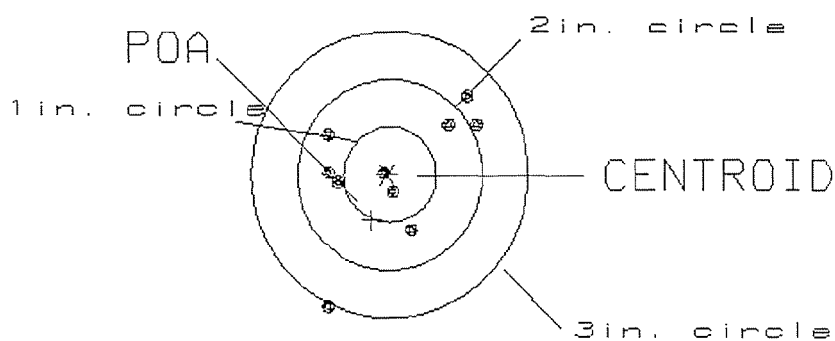
PATTERN #: 1

POA TO CENTROID: .505  
 MIN RADIUS : .089  
 MEAN RADIUS : .748  
 MAX RADIUS : 1.557  
 CENTROID X : .166  
 CENTROID Y : .477

27 Oct 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6702861

# CENTERFIRE PATTERN # 1



# OF SHOTS= 10

# IN CIRCLE

HS= 1.57  
 VS= 2.20  
 GS= 2.65

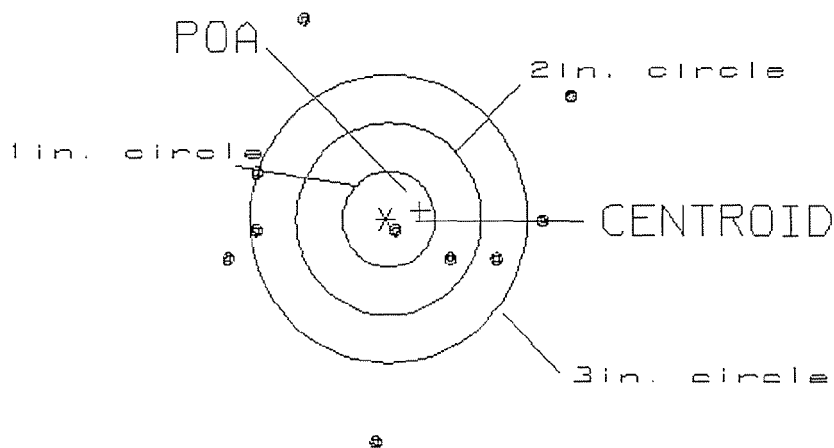
2  
 7  
 9

PATTERN #: ☐ 2 ☐  
 POA TO CENTROID: .380  
 MIN RADIUS : .143  
 MEAN RADIUS : 1.538  
 MAX RADIUS : 2.353  
 CENTROID X : -.371  
 CENTROID Y : -.083

27 Oct 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6702861

# CENTERFIRE PATTERN # 2



# OF SHOTS= 10

# IN CIRCLE

HS= 3.68  
 VS= 4.37  
 GS= 4.46

1  
 2  
 4

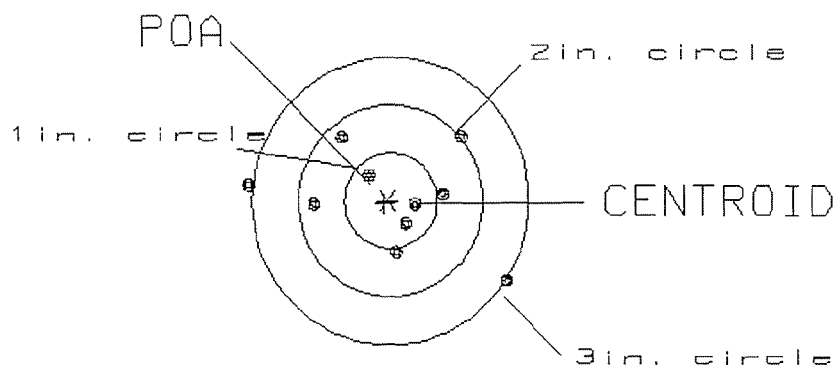
PATTERN #: [ 3 ]

POA TO CENTROID: .047  
 MIN RADIUS : .302  
 MEAN RADIUS : .770  
 MAX RADIUS : 1.549  
 CENTROID X : .034  
 CENTROID Y : .032

27 Oct 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6702861

# CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 2.82  
 VS= 1.40  
 GS= 3.01

3  
 6  
 8

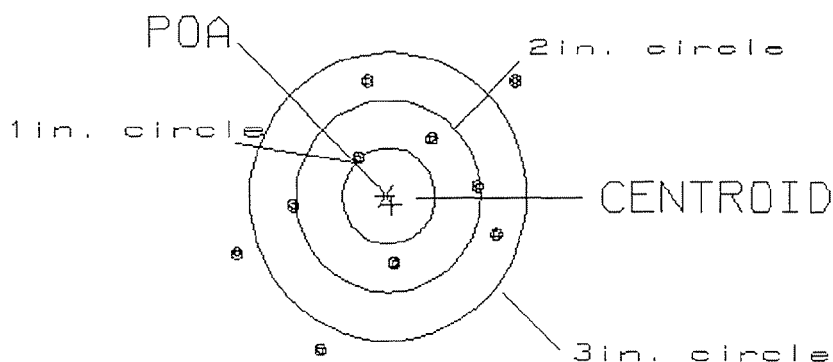
PATTERN #: 4

POA TO CENTROID: .117  
 MIN RADIUS : .519  
 MEAN RADIUS : 1.189  
 MAX RADIUS : 1.842  
 CENTROID X : -.066  
 CENTROID Y : .097

27 Oct 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6702061

# CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 3.06  
 VS= 2.85  
 GS= 3.57

0  
 4  
 7

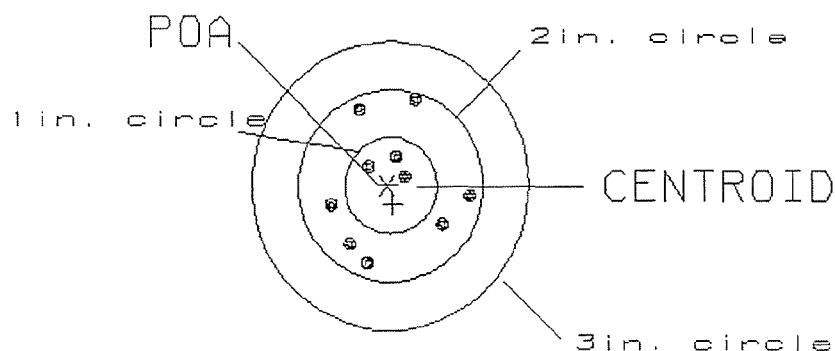
PATTERN #: 5

POA TO CENTROID: .212  
 MIN RADIUS : .206  
 MEAN RADIUS : .649  
 MAX RADIUS : .930  
 CENTROID X : -.057  
 CENTROID Y : .204

27 Oct 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6702861

# CENTERFIRE PATTERN # 5



# OF SHOTS= 10

# IN CIRCLE

HS= 1.47  
 VS= 1.75  
 GS= 1.82

3  
 10  
 10



# RECEIVING AND ESTIMATING REPORT

BARBER - M24 0120502

COMMENTS

ORDER  
R 98-16471

INITIAL CUSTOMER ORDER NO.

SWS

DATE RECEIVED DATE OPENED DATE CODE SERIAL NUMBER NEW SERIAL NUMBER MODEL AND GRADE

08/17/98 08/17/98 C6702861 700 7.62 NATO

ACCESSORIES HARD CASE SCOPE BASE W/STUDS

FROM:

SHIP TO:

TRANSPORTATION OFFICER  
ATTN AFZB-DL-TO-BLDG 873  
FT CAMPBELL KY 42223

TRANSPORTATION OFFICER  
ATTN AFZB-DL-TO-BLDG 873  
FT CAMPBELL KY 42223

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

CUST NO: 087942 C.O.D.

WRITE

PROM. DATE

ESTIMATED

VIA

UPS

RUN CONDITION

- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN AMMO FUNCTION FINISH ACCURACY FIT INSPECT

|               |   |    |    |    |    |    |
|---------------|---|----|----|----|----|----|
| CYCLE         | A | B  |    |    |    |    |
| TRIGGER GROUP |   | B1 |    |    | 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

PARTS

COMMENTS

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

BARBER - M24 0120502

700 M24 SWS

C 622 5 365

RIFLE, HARD CASE,  
SCOPE BASE, STUOS (SWIVEL)

C 670 2861

RIFLE, HARD CASE,  
SCOPE BASE, SWIVEL STUOS



Telegram photo/Jennifer Molloy

**AWARD WINNER — Dave Fusillo, center, receives the Great Thinker Award from Remington Arms supervisors Jim Conover, left, and Mike Cantor. Mr. Fusillo's prize is an expense-paid trip to see a weekend of Winston Cup racing in Dover, Del., May 30-31.**

## SIGNATURE AND TALLY RECORD

FORM APPROVED  
OMB No. 0702-0027  
Expires Oct 31, 1988

## DISTRIBUTION INSTRUCTIONS

- \* The SHIPPER will prepare copies 1 through 4, retain copy 4 and deliver copies 1 through 3 to the Origin Carrier.
- \* The CARRIER will deliver copies 1 through 3 to the Destination Carrier.
- \* The DESTINATION CARRIER will attach copy 1 (reflecting all signatures) and Standard Form 1113 (Public Voucher for Transportation Charges) to the original Government Bill of Lading, and forward for payment. Copy 2 will be delivered to the Consignee. Copy 3 will be retained.
- \* The CONSIGNEE will ensure Destination Carrier surrenders copy 2.

## SECTION A - To be completed by the SHIPPER

|                                                                                                                         |                                                                                                                                                               |                                                                                            |                             |
|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------|
| 1. SHIPPER                                                                                                              |                                                                                                                                                               | 2. PROTECTIVE SERVICE REQUESTED                                                            |                             |
| a. NAME<br>FORT CAMPBELL KY W34GNA                                                                                      |                                                                                                                                                               | DN DUAL DRIVER PROTECTIVE SERVICE WITH NAC<br>SM DTTS SATELLITE MOTOR SURVEILLANCE SERVICE |                             |
| b. ORIGIN<br>TRANSPORTATION OFFICER<br>ATTN: AFZB-DL-TO, BLDG 873<br>PH: (502) 798 7154<br>FORT CAMPBELL, KY 42223-1294 |                                                                                                                                                               | 3. GBL OR CBL NUMBER<br>G-7688606                                                          |                             |
| 4. CONSIGNEE                                                                                                            |                                                                                                                                                               | 5. PERMIT NUMBER (if any)                                                                  |                             |
| a. NAME<br>REMINGTON ARMS CO CMAH2W                                                                                     |                                                                                                                                                               |                                                                                            |                             |
| b. DESTINATION<br>REMINGTON ARMS CO., INC.<br>14 HOEFLER AVENUE<br>ILION, NY 13357                                      |                                                                                                                                                               | 6. TRANSPORTATION CONTROL NUMBER (FAAT-01-8218009 -01)<br>W34QS682103107XXX                |                             |
| 7. ROUTING<br>BAGGETT TRANSPORTATION CO                                                                                 |                                                                                                                                                               | 8. WEIGHT<br>160 POUNDS                                                                    | 9. CUBE<br>25.3             |
| 10. SPECIAL INSTRUCTIONS                                                                                                |                                                                                                                                                               | 11. DATE SHIPMENT<br>TENDERED TO CARRIER<br>98.08.13                                       | 12. NAME OF CARRIER<br>BAGT |
| 13. NUMBER<br>OF PIECES<br>1                                                                                            | 14. TYPE OF PACKAGE(S) (For unsealed loads only)<br>OR CONVEYANCE IDENTIFICATION & SEAL<br>NUMBERS (for sealed loads only)<br>BAGT-2450<br>4011302<br>10/1239 | 15. FREIGHT CLASSIFICATION DESCRIPTION<br>999913<br>FAK (SEE MFTRP 1A FOR CARGO LIABILITY) |                             |

## SECTION B -

To be completed by each person accepting custody of classified or protected material requiring the use of transportation protective service during transit.

## 16. CUSTODY RECORD

| a. PRINT NAME OF PERSON AND COMPANY REPRESENTED | b. STATION INTERCHANGE POINT<br>DESTINATION | c. SIGNATURE OF PERSON<br>ACCEPTING CUSTODY | d. TIME<br>ACCEPTED | e. DATE<br>ACCEPTED |
|-------------------------------------------------|---------------------------------------------|---------------------------------------------|---------------------|---------------------|
| JAMES COLLINS BAGT                              | FT CAMPBELL KY                              | James Collins                               | 1430                | 980813              |
| Barbara Collins BAGT                            | FT CAMPBELL KY                              | Barbara Collins                             | 1430                | 980813              |
| BLAIZE, Leonard R.                              | Bloomfield, IN                              | Leonard R. Blaise                           | 2158                | 980815              |
| Raymond Scott BAGT                              | Bloomfield, IN                              | Raymond Scott                               | 0800                | 8-14-98             |
| JAMES COLLINS BAGT                              | Bloomfield, IN                              | James Collins                               | 1300                | 8-14-98             |
| Barbara Collins BAGT                            | Bloomfield, IN                              | Barbara Collins                             | 1300                | 8-14-98             |
| Gary Ehler Remington Arms                       | Remington Arms, NY                          | Gary Ehler                                  | 1310                | 8-17-98             |
| W34QS6                                          |                                             |                                             |                     |                     |
|                                                 |                                             |                                             |                     |                     |
|                                                 |                                             |                                             |                     |                     |
|                                                 |                                             |                                             |                     |                     |

DD FORM 1907, FEB 86

Previous editions are obsolete

PAGE 1

HHC 3rd line 327 INK SCOUTS

Consignee - Copy 2

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

BARBER - M24 0120505





|                                                                                                          |  |                  |  |              |  |                  |  |                 |  |                                                                         |  |              |  |             |  |           |  |                |  |                            |  |              |  |               |  |          |  |          |  |                        |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------------------------------------------------------------------------------------------------|--|------------------|--|--------------|--|------------------|--|-----------------|--|-------------------------------------------------------------------------|--|--------------|--|-------------|--|-----------|--|----------------|--|----------------------------|--|--------------|--|---------------|--|----------|--|----------|--|------------------------|--|--|--|--|--|--|--|--|--|-----------------------|--|--|--|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| BARBER - M24 0120508                                                                                     |  |                  |  |              |  |                  |  |                 |  |                                                                         |  |              |  |             |  |           |  |                |  |                            |  |              |  |               |  |          |  |          |  |                        |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DOC IDENT                                                                                                |  | RI FROM          |  | STOCK NUMBER |  | QUANTITY         |  | DOCUMENT NUMBER |  | SUPPLEMENTARY ADDRESS                                                   |  | DISTRIBUTION |  | PROJECT     |  | PRIORITY  |  | REQ'D DEL DATE |  | ADVISE                     |  | RI           |  | UNIT PRICE    |  |          |  |          |  |                        |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| A5AAW3                                                                                                   |  | 1005-01-240-2136 |  | EA000002     |  | W340S6-8210-3107 |  | CTABZW MCA      |  | 03                                                                      |  |              |  |             |  |           |  |                |  |                            |  |              |  | 5145.00       |  |          |  |          |  |                        |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SHIPPED FROM                                                                                             |  |                  |  |              |  |                  |  |                 |  | SHIP TO                                                                 |  |              |  |             |  |           |  |                |  | MARK FOR                   |  |              |  |               |  |          |  |          |  | PROJECT                |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PROPERTY CONTROL OFFICER<br>FT CAMPBELL, KY 42223-5000                                                   |  |                  |  |              |  |                  |  |                 |  | REMINGTON ARMS, CO, INC<br>14 HOFELER AVENUE<br>MILTON, N.Y. 13357-1826 |  |              |  |             |  |           |  |                |  |                            |  |              |  |               |  |          |  |          |  |                        |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WAREHOUSE LOCATION                                                                                       |  |                  |  |              |  |                  |  |                 |  | TYPE OF CARGO                                                           |  | UNIT PACK    |  | UNIT WEIGHT |  | UNIT CUBE |  | UFC            |  | NMFC                       |  | FREIGHT RATE |  | DOCUMENT DATE |  | MAT COND |  | QUANTITY |  |                        |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                          |  |                  |  |              |  |                  |  |                 |  | G                                                                       |  | H            |  | I           |  | J         |  | K              |  | L                          |  | M            |  | N             |  | O        |  | P        |  | Q                      |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SUBSTITUTE DATA (ITEM ORIGINALLY REQUESTED)                                                              |  |                  |  |              |  |                  |  |                 |  | FREIGHT CLASSIFICATION NOMENCLATURE                                     |  |              |  |             |  |           |  |                |  |                            |  |              |  |               |  |          |  |          |  |                        |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                          |  |                  |  |              |  |                  |  |                 |  | ITEM NOMENCLATURE                                                       |  |              |  |             |  |           |  |                |  |                            |  |              |  |               |  |          |  |          |  |                        |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                          |  |                  |  |              |  |                  |  |                 |  | RIFLE, SNIPER M24 SWS SER NR: C6225365, C6702861                        |  |              |  |             |  |           |  |                |  |                            |  |              |  |               |  |          |  |          |  |                        |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SELECTED BY AND DATE                                                                                     |  |                  |  |              |  |                  |  |                 |  | TYPE OF CONTAINER(S)                                                    |  |              |  |             |  |           |  |                |  | TOTAL WEIGHT               |  |              |  |               |  |          |  |          |  | RECEIVED BY AND DATE   |  |  |  |  |  |  |  |  |  | INSPECTED BY AND DATE |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1                                                                                                        |  |                  |  |              |  |                  |  |                 |  | 2                                                                       |  |              |  |             |  |           |  |                |  | 3                          |  |              |  |               |  |          |  |          |  | 7                      |  |  |  |  |  |  |  |  |  | 8                     |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PACKED BY AND DATE                                                                                       |  |                  |  |              |  |                  |  |                 |  | NO. OF CONTAINER(S)                                                     |  |              |  |             |  |           |  |                |  | TOTAL CUBE                 |  |              |  |               |  |          |  |          |  | WAREHOUSED BY AND DATE |  |  |  |  |  |  |  |  |  | WAREHOUSE LOCATION    |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                                                                                                        |  |                  |  |              |  |                  |  |                 |  | 5                                                                       |  |              |  |             |  |           |  |                |  | 6                          |  |              |  |               |  |          |  |          |  | 9                      |  |  |  |  |  |  |  |  |  | 10                    |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| REMARKS                                                                                                  |  |                  |  |              |  |                  |  |                 |  |                                                                         |  |              |  |             |  |           |  |                |  |                            |  |              |  |               |  |          |  |          |  |                        |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RETURNED FOR REPAIR - PLEASE RETURN WEAPONS TO TRANS OFFICER, CRP, BLDG 5207, FT CAMPBELL, KY 42223-5565 |  |                  |  |              |  |                  |  |                 |  |                                                                         |  |              |  |             |  |           |  |                |  |                            |  |              |  |               |  |          |  |          |  |                        |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AA                                                                                                       |  |                  |  |              |  |                  |  |                 |  | BB                                                                      |  |              |  |             |  |           |  |                |  | CC                         |  |              |  |               |  |          |  |          |  | DD                     |  |  |  |  |  |  |  |  |  | EE                    |  |  |  |  |  |  |  |  |  | FF |  |  |  |  |  |  |  |  |  | GG |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| FIRST DESTINATION ADDRESS                                                                                |  |                  |  |              |  |                  |  |                 |  | DATE SHIPPED                                                            |  |              |  |             |  |           |  |                |  |                            |  |              |  |               |  |          |  |          |  |                        |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11                                                                                                       |  |                  |  |              |  |                  |  |                 |  | 12                                                                      |  |              |  |             |  |           |  |                |  | 14                         |  |              |  |               |  |          |  |          |  | 15                     |  |  |  |  |  |  |  |  |  | 16                    |  |  |  |  |  |  |  |  |  | 17 |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TRANSPORTATION CHARGEABLE TO                                                                             |  |                  |  |              |  |                  |  |                 |  | B/LADING, AWS, OR RECEIVER'S SIGNATURE (AND DATE)                       |  |              |  |             |  |           |  |                |  | RECEIVER'S DOCUMENT NUMBER |  |              |  |               |  |          |  |          |  |                        |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| STATION FUNDS                                                                                            |  |                  |  |              |  |                  |  |                 |  |                                                                         |  |              |  |             |  |           |  |                |  |                            |  |              |  |               |  |          |  |          |  |                        |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

DD Form 1348-1, JUL 91

PREVIOUS EDITION MAY BE USED

DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

BARBER - M24 0120508  
M2400120547

DATE: 29-JUL-98

MAINTENANCE REQUEST

DA FORM 5990-E

## ----- CUSTOMER DATA -----

UIC: W66VAA  
UTIL CODE: 0

3/327 INF REGT

PHONE: (502)798-548

## ----- ACTIVITY DATA -----

SUP WON: A802484 B CO. 426 FSB BN.  
SUP UIC: WACKB0PHONE: 798-4070  
SHOP SEC:

## ----- EQUIPMENT DATA -----

TYPE MNT REQ: 1 ID: A NSN: 1005012402136 MODEL: M24

NOUN: SNIPER WEAPON SYSTEM SER NUM: C6702861 QTY: 00001

ORG WON: G6VAA1809701 PRIORITY: 02 FAILURE DETECTED: A

MI/KM: ----- HOURS: ----- ROUNDS:

IN WARRANTY: LEVEL OF WORK: F ADMIN NUM:

DEFICIENCY: SHOTS WILL NOT GROUP

PD AUTHENTICATING SIGNATURE: *Michael D. Gaur*

## ----- SIGNATURE DATA -----

SUBMITTED BY: *D. O.*

ORD DATE: \_\_\_\_\_ MIL TIME: \_\_\_\_\_

ACCEPTED BY: *GA 7 M1331*STATUS: *A* ORD DATE: *98210* MIL TIME: \_\_\_\_\_

## ----- ACTION DATA -----

WORK STARTED BY: *M1331* STATUS: *B* ORD DATE: *98210* MIL TIME: \_\_\_\_\_INSPECTED BY: *M1331* STATUS: *R* ORD DATE: *98210* MIL TIME: \_\_\_\_\_PICKED UP BY: *D. O.* STATUS: *V* ORD DATE: *98210* MIL TIME: \_\_\_\_\_

## ----- COMPLETION DATA -----

QTY RPR: \_\_\_\_\_ QTY CONDEMNED: \_\_\_\_\_ NRTS: *1*

EVAC WON: \_\_\_\_\_ EVAC UNIT NAME: \_\_\_\_\_



# RECEIVING AND ESTIMATING REPORT

BARBER M24 0120510

COMMENTS

ORDER  
R 95-18207

|                           |                                        |                      |                                      |                               |                                  |  |
|---------------------------|----------------------------------------|----------------------|--------------------------------------|-------------------------------|----------------------------------|--|
| INITIAL<br>FPS            | CUSTOMER ORDER NO.<br>W340S6-5132-3100 |                      | M24 W/ULTRA LEUPOLD M-3A 10X SCOPE   |                               |                                  |  |
| DATE RECEIVED<br>07/13/95 | DATE OPENED<br>07/13/95                | DATE CODE<br>LJ 2-89 | SERIAL NUMBER<br><del>64225400</del> | NEW SERIAL NUMBER<br>C6702861 | MODEL AND GRADE<br>700 7.62 NATO |  |
| ACCESSORIES<br>W/STUDS    |                                        | HARD CASE            | SCOPE MNTS                           | SCOPE BASE                    |                                  |  |

FROM:

CONSOL PROPERTY ACCOUNT

FT CAMPBELL

KY 42223

SHIP TO:

TRANSPORTATION OFF.

CRP, BLDG 5207

FT CAMPBELL

KY

42223

|                                |                    |                         |            |           |            |
|--------------------------------|--------------------|-------------------------|------------|-----------|------------|
| ACCOUNT NUMBER                 | ACCOUNT NUMBER N/C | CUST NO: 122560 C.O.D.L | PROM. DATE | ESTIMATED | VIA<br>UPS |
| WRITE <input type="checkbox"/> |                    |                         |            |           |            |

|                                       |               |
|---------------------------------------|---------------|
| GUN CONDITION                         | REPAIR CHARGE |
| <input type="checkbox"/> NEW          | EXCISE        |
| <input type="checkbox"/> LIGHTLY WORN | TAX           |
| <input type="checkbox"/> WORN         | INSURANCE     |
| <input type="checkbox"/> VERY WORN    | UPS           |
| <input type="checkbox"/> UNREPAIRABLE | PARCEL POST   |
| <input type="checkbox"/> MARRED       | TOTAL         |

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

MAIN FAULT *Barrel Shot out*

|                             |                                                                                                        |
|-----------------------------|--------------------------------------------------------------------------------------------------------|
| PARTS                       | COMMENTS                                                                                               |
| BBL Assy Complete - 96001   | Repowder Coat Trigger Guard Assy, Front & Rear Sight Bases, ReZinc - Scope Base, Rings, & Swivel Studs |
| REPAIRMAN<br><i>RW</i>      | PROOF<br><i>✓</i>                                                                                      |
| GALLERY TESTER<br><i>RW</i> | DATE<br>7/18/95                                                                                        |
|                             | CLEAN<br><i>✓</i>                                                                                      |
|                             | DATE<br>7/24/95                                                                                        |
|                             | TEST<br><i>✓</i>                                                                                       |
|                             | DATE<br>7/22/95                                                                                        |
|                             | TARGET<br><i>✓</i>                                                                                     |
|                             | DATE<br>7/22/95                                                                                        |
|                             | PATTERN                                                                                                |
|                             | DATE                                                                                                   |

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

BARBER - M24 0120510

CONTRACT # DAAA21-87-C-0086

*New Barreled  
Action*GUN SERIAL # ~~C6225400~~  
C6702861

| OP. #        | OP. NAME                                                       | READINGS | DATE    | INITIAL |
|--------------|----------------------------------------------------------------|----------|---------|---------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   |          | 7/18/95 | PW      |
| 600          | Proof                                                          |          | 7/18/95 | PW      |
| 607          | Check Headspace                                                |          | 7/18/95 | PW      |
| 610          | Dis-assemble Gun                                               |          | 7/18/95 | PW      |
| 612          | Magnaflux Barrel<br>Action                                     |          |         |         |
|              | Magnaflux Bolt                                                 |          |         |         |
| 615          | Rollmark Caliber                                               |          |         |         |
| 617          | Drill and Tap Sight Holes                                      |          |         |         |
| 618          | Polish Barrel                                                  |          |         |         |
| 620          | Apply Coatings<br>(Barrel Action)                              |          |         |         |
|              | Apply Coating (Bolt)                                           |          |         |         |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 7/21/95 | PW      |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 7/21/95 | PW      |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 7/21/95 | PW      |
|              | D) Oil Firing Pin Ass'y                                        |          | 7/21/95 | PW      |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          |         |         |

| op. #        | OP. NAME                                                    | READINGS | DATE    | INIT |
|--------------|-------------------------------------------------------------|----------|---------|------|
| 625<br>cont. | F) Safety On Force                                          |          |         |      |
|              | G) Safety Off Force                                         |          |         |      |
|              | H) Trigger Pull Test & Retainability                        |          |         |      |
|              | I) Firing Pin Indent                                        |          |         |      |
|              | J) Assemble Stock                                           |          |         |      |
|              | K) Assemble Swivel Studs                                    |          |         |      |
|              | L) Attach Front and Rear Sight Assemblies                   |          |         |      |
|              | M) Iron Sight Alignment                                     |          |         |      |
|              | N) Detach Front & Rear Sights & place in numbered container |          |         |      |
|              | O) Attach Scope to Rifle                                    |          |         |      |
|              | P) Detach & Attach Scope 20 Times                           |          |         |      |
| 640          | Gallery Target & Test                                       |          | 7/22/95 | Rw   |
|              | A) Time                                                     |          |         |      |
|              | B) Malfunctions                                             |          |         |      |
|              | C) Pierced Primers                                          |          |         |      |
|              | D) Optical Clarity of Scope                                 |          |         |      |
| 645          | Inspect for Live Ammo                                       |          | 7/22/95 | Rw   |
| 655          | Final Inspection                                            |          |         |      |
|              | A) Headspace                                                |          | 7/24/95 | Rw   |
|              | B) Trigger Pull                                             |          | 7/24/95 | Rw   |
|              | C) Function                                                 |          | 7/24/95 | Rw   |
| 660          | Pack                                                        |          |         |      |

## Final Inspection

Sn: C6702866

DATE REC'D: 7/13/95

DATE RET'D: 7/25/95

Auditor: RW

## 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: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

|                                                    |                          |                                |
|----------------------------------------------------|--------------------------|--------------------------------|
| DATE: 05-APR-95                                    | MAINTENANCE REQUEST      | DA FORM 5990-E                 |
| CUSTOMER DATA                                      |                          |                                |
| UIC: W66VAA                                        | 3/327 INF REGT           | PHONE: (502)798-548            |
| UTIL CODE: 0                                       |                          |                                |
| ACTIVITY DATA                                      |                          |                                |
| SUP WPN: ASG1166                                   | B CO. 426 FSB BN.        | PHONE: 798-4070                |
| SUP UIC: WACTA0                                    |                          | SHOP SEC:                      |
| EQUIPMENT DATA                                     |                          |                                |
| TYPE MNT REQ: 1                                    | ID: A NSN: 1005012402136 | MODEL: M24                     |
| NOUN: SNIPER WEAPON                                | SER NUM: C6225400        | QTY: 00001                     |
| ORG WPN: G6VAA1504326                              | PRIORITY: 02             | FAILURE DETECTED: A            |
| MI/KM: 000000                                      | HOURS: 000000            | ROUNDS:                        |
| IN WARRANTY: N                                     | LEVEL OF WORK: 0         | ADMIN NUM:                     |
| MALFUNCTION/REMARKS: DUE ANNUAL GAUGED AND SERVICE |                          |                                |
| PD AUTHENTICATING SIGNATURE: <i>[Signature]</i>    |                          |                                |
| SIGNATURE DATA                                     |                          |                                |
| SUBMITTED BY: <i>Matthew M. Hunt</i>               | ORD DATE: <i>95097</i>   | MIL TIME:                      |
| ACCEPTED BY: <i>SEGL</i>                           | ORD DATE: <i>95097</i>   | MIL TIME:                      |
| ACTION DATA                                        |                          |                                |
| WORK STARTED BY: <i>A7291</i>                      | STATUS: <i>95097</i>     | MIL TIME:                      |
| INSPECTED BY: <i>Matthew M. Hunt</i>               | ORD DATE: <i>95097</i>   | MIL TIME:                      |
| PICKED UP BY: <i>Hunter, Matchew</i>               | ORD DATE: <i>95097</i>   | MIL TIME:                      |
| COMPLETION DATA                                    |                          |                                |
| QTY RPT: <i>0</i>                                  | QTY CONDEMNED: <i>1</i>  | NRTS: <i>1</i>                 |
| EVAC MON: <i>M</i>                                 | NRTS: <i>1</i>           | EVAC UNIT NAME: <i>73C-7CA</i> |



**BARBER - M24 M2400120555**







CENTROIDAL DISTANCE CALCULATIONS  
 FOR RIFLE # 06702861  
 1 Jan 1988

## CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .445597 |
| 1 TO | 2 | .289291 |
| 1 TO | 3 | .388466 |
| 1 TO | 4 | .180801 |
| 1 TO | 5 | .245383 |

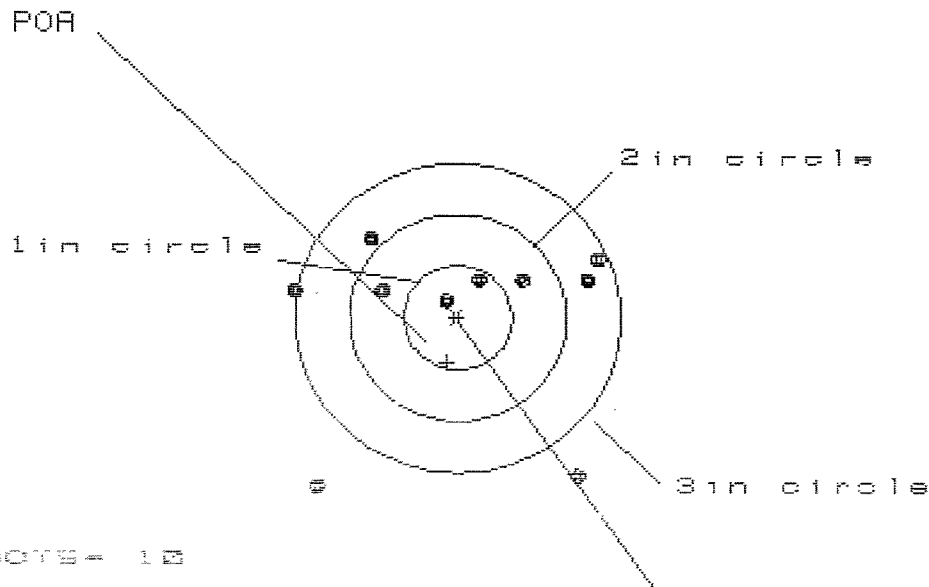
THE AVERAGE CENTROIDAL DISTANCE FOR THIS RIFLE IS: .4098  
 THE AVERAGE CENTROIDAL DISTANCE FOR THIS RIFLE IS: .4256  
 THE RESOLVED DISTANCE FOR THIS RIFLE IS: .438737

THE ABR FOR THIS RIFLE IS: .401

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/CG702861

## CENTERFIRE PATTERNS # 1



# OF SHOTS = 10

# IN CIR

1 in = 2

2 in = 4

3 in = 7

ME = 2.779

VS = 2.410

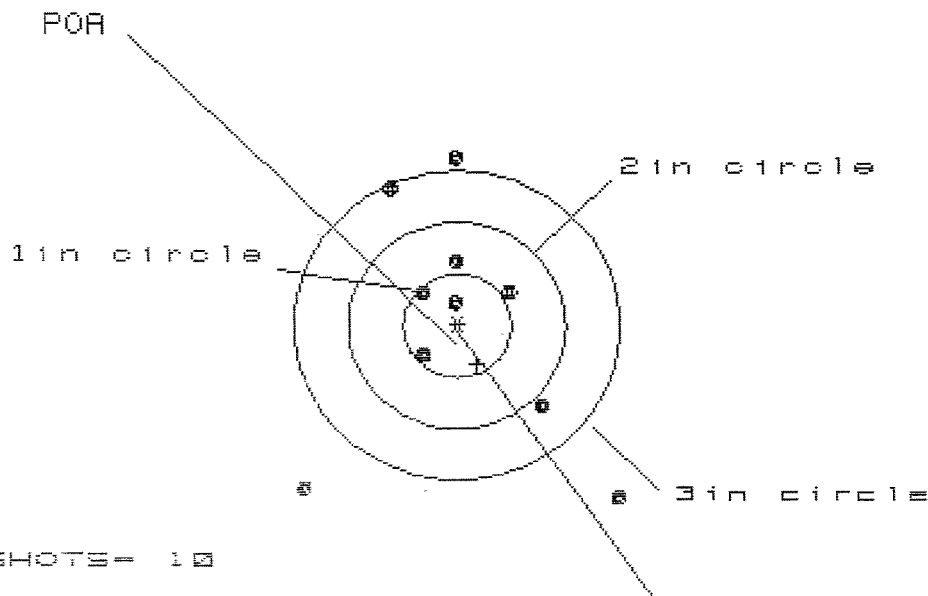
GS = 3.409

| PATTERN #                     | 10     | 9      | 8      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.281  | 1.135  | 1.250  |
| MINIMUM X                     | -1.498 | -1.644 | -1.529 |
| MAXIMUM Y                     | .777   | .596   | .383   |
| MINIMUM Y                     | -1.633 | -1.707 | -.264  |
| CENTROID X                    | .101   | .247   | .132   |
| CENTROID Y                    | .434   | .615   | .828   |
| POA TO CENTROID in.           | .445   | .663   | .839   |
| MIN RADIUS                    | .142   | .185   | .145   |
| MEAN RADIUS                   | 1.130  | .973   | .832   |
| MAX RADIUS                    | 2.094  | 1.939  | 1.531  |
| HORIZONTAL SPREAD             | 2.779  | 2.779  | 2.779  |
| VERTICAL SPREAD               | 2.410  | 2.303  | .647   |
| EXTREME SPREAD                | 3.409  | 3.152  | 2.792  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 4      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 7      |        |        |

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## CENTERFIRE PATTERNS # 2



# OF SHOTS = 10

# IN CIR

1 in = 3

2 in = 5

3 in = 6

HS = 2.873

VS = 3.286

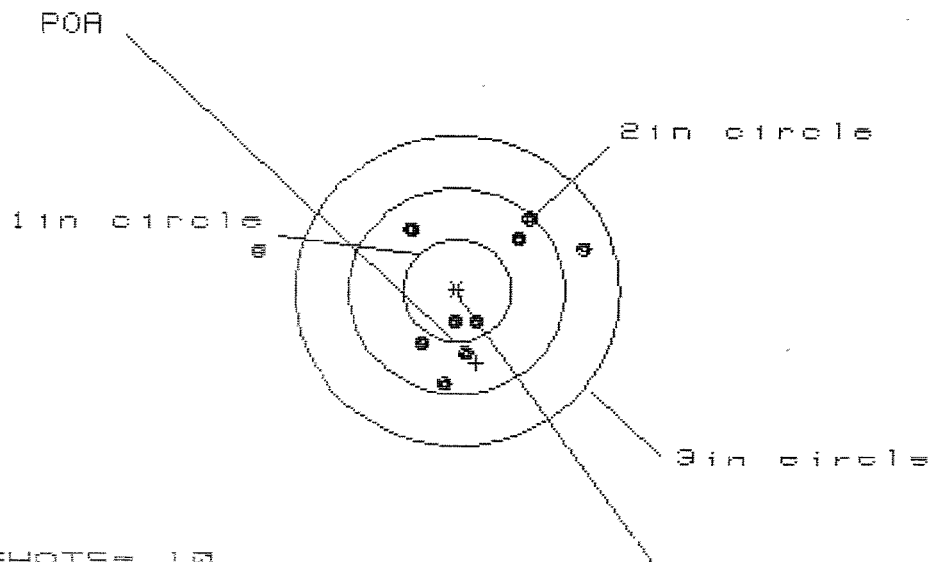
GS = 3.714

| PATTERN #                   | : | 2      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.464  | .937   | .781   |
| MINIMUM X                   | : | -1.409 | -1.246 | -.625  |
| MAXIMUM Y                   | : | 1.583  | 1.394  | 1.179  |
| MINIMUM Y                   | : | -1.703 | -1.723 | -1.227 |
| CENTROID X                  | : | -.182  | -.345  | -.189  |
| CENTROID Y                  | : | .374   | .564   | .779   |
| POA TO CENTROID in.         | : | .416   | .661   | .802   |
| MIN RADIUS                  | : | .181   | .126   | .229   |
| MEAN RADIUS                 | : | 1.085  | .907   | .734   |
| MAX RADIUS                  | : | 2.246  | 2.126  | 1.455  |
| HORIZONTAL SPREAD           | : | 2.873  | 2.183  | 1.406  |
| VERTICAL SPREAD             | : | 3.286  | 3.117  | 2.406  |
| EXTREME SPREAD              | : | 3.714  | 3.403  | 2.599  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 6      |        |

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## CENTERFIRE PATTERNS # 3



# OF SHOTS= 10

# IN CIR

1 in = 2

2 in = 8

3 in = 9

HS= 2.981

VS= 1.659

GS= 2.982

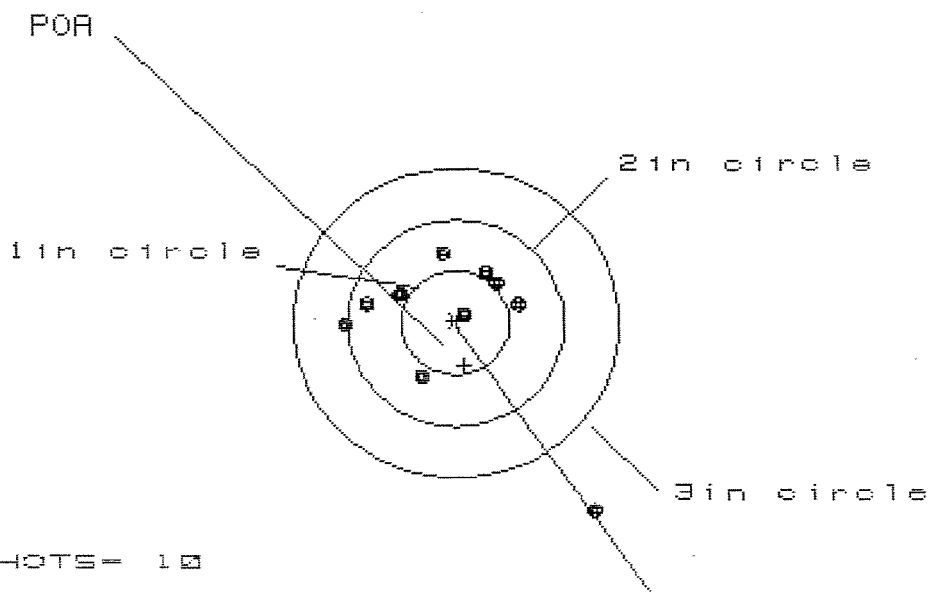
CENTROID \*

| PATTERN #                   | : | 3      |       |       |
|-----------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | 1.175  | .974  | .562  |
| MINIMUM X                   | : | -1.806 | -.590 | -.468 |
| MAXIMUM Y                   | : | .720   | .768  | .819  |
| MINIMUM Y                   | : | -.939  | -.891 | -.840 |
| CENTROID X                  | : | -.172  | .029  | -.093 |
| CENTROID Y                  | : | .699   | .651  | .600  |
| POA TO CENTROID in.         | : | .720   | .651  | .607  |
| MIN RADIUS                  | : | .255   | .267  | .171  |
| MEAN RADIUS                 | : | .831   | .694  | .622  |
| MAX RADIUS                  | : | 1.858  | 1.054 | .993  |
| HORIZONTAL SPREAD           | : | 2.981  | 1.564 | 1.030 |
| VERTICAL SPREAD             | : | 1.659  | 1.659 | 1.659 |
| EXTREME SPREAD              | : | 2.982  | 1.824 | 1.821 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 8     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9     |       |

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## CENTERFIRE PATTERNS # 4



# OF SHOTS= 10

# IN CIR

1 in = 1

2 in = 9

3 in = 9

HS= 2.298

VS= 2.500

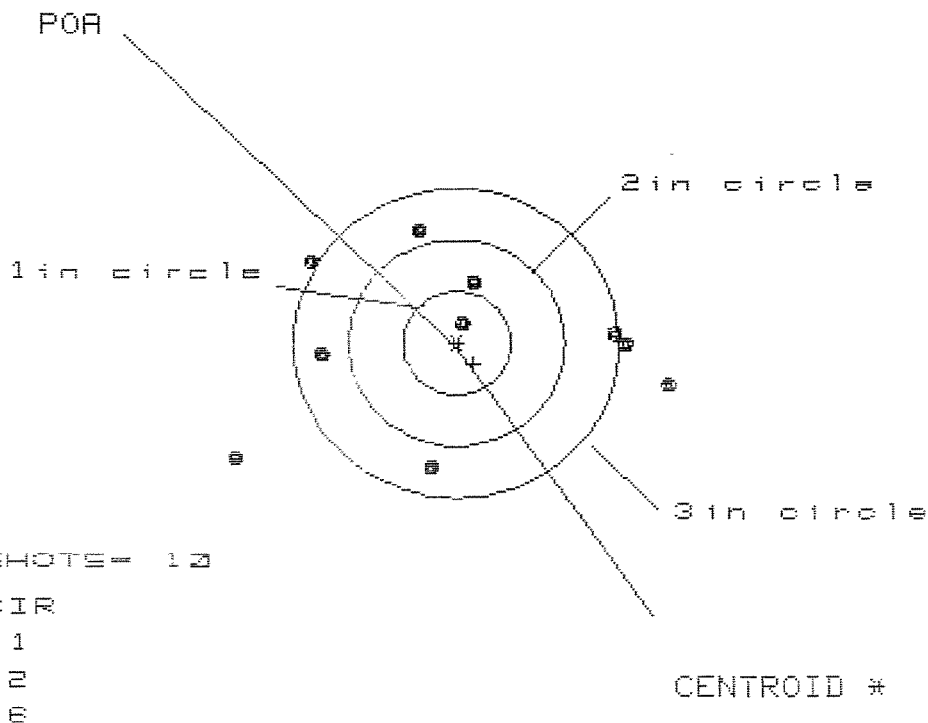
GS= 2.898

| PATTERN #                     | 4      |       |       |
|-------------------------------|--------|-------|-------|
| SHOTS (BEST OF)               | 10     | 9     | 8     |
| MAXIMUM X                     | 1.310  | .719  | .614  |
| MINIMUM X                     | -.987  | -.842 | -.730 |
| MAXIMUM Y                     | .696   | .496  | .466  |
| MINIMUM Y                     | -1.804 | -.676 | -.706 |
| CENTROID X                    | -.079  | -.225 | -.120 |
| CENTROID Y                    | .417   | .617  | .647  |
| POA TO CENTROID in.           | .424   | .657  | .658  |
| MIN RADIUS                    | .148   | .237  | .159  |
| MEAN RADIUS                   | .775   | .574  | .517  |
| MAX RADIUS                    | 2.229  | .875  | .749  |
| HORIZONTAL SPREAD             | 2.298  | 1.561 | 1.344 |
| VERTICAL SPREAD               | 2.500  | 1.172 | 1.172 |
| EXTREME SPREAD                | 2.898  | 1.579 | 1.344 |
| NUMBER IN ONE INCH CIRCLE =   | 1      |       |       |
| NUMBER IN TWO INCH CIRCLE =   | 9      |       |       |
| NUMBER IN THREE INCH CIRCLE = | 9      |       |       |

1 Jan 1900

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## CENTERFIRE PATTERNS # 5



HS= 3.925

VS= 2.333

CS= 3.989

| PATTERN #                     | 5      |        |        |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.922  | 1.700  | 1.592  |
| MINIMUM X                     | -2.003 | -1.595 | -1.383 |
| MAXIMUM Y                     | 1.117  | .995   | .932   |
| MINIMUM Y                     | -1.216 | -1.338 | -1.401 |
| CENTROID X                    | -.158  | .064   | -.148  |
| CENTROID Y                    | .204   | .326   | .389   |
| POA TO CENTROID in.           | .258   | .332   | .416   |
| MIN RADIUS                    | .189   | .189   | .034   |
| MEAN RADIUS                   | 1.333  | 1.201  | 1.090  |
| MAX RADIUS                    | 2.284  | 1.774  | 1.609  |
| HORIZONTAL SPREAD             | 3.925  | 3.295  | 2.975  |
| VERTICAL SPREAD               | 2.333  | 2.333  | 2.333  |
| EXTREME SPREAD                | 3.989  | 3.492  | 3.085  |
| NUMBER IN ONE INCH CIRCLE =   |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 2      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 6      |        |