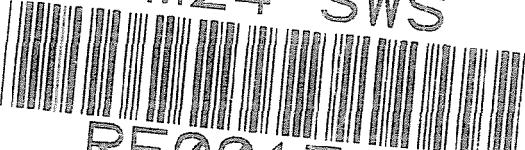


E670 3527

Serial Number: E6703527  
Model: M24 SWS  
  
RE00171638

## INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R &amp; E NUMBER

171 638-

SERIAL NUMBER

E6703527

LOG-IN DATE

7-21-09

| OPERATION # | OPERATION NAME       | DATE                | INITIAL    |
|-------------|----------------------|---------------------|------------|
| 500         | DIS-ASSEMBLE GUN     | 7-22-09             | RJL        |
| 505         | RE-BARREL            | 7-23-09             | RJL        |
| 420         | ASSEMBLE             | 7-23-09             | RJL        |
| 440         | PROOF                | 7-23-09             | R.P.D.     |
| 460         | CHECK HEADSPACE      | 7-23-09             | R.P.D.     |
| 470         | DIS-ASSEMBLE GUN     | 7-23-09             | R.P.D.     |
| 480         | MAGNAFLUX            | 7/23/09             | (P)        |
| 510         | DRILL AND TAP        | 7-24-09             | SP         |
| 500         | ROLLMARK CALIBER     | 7-28-09             | DWO        |
| 520         | GOFF BLAST BBL / REC | 7-30-09             | ms         |
| 530 & 540   | APPLY COATINGS       | 8-1-09              | ✓          |
| 560         | FINAL ASSEMBLY       | 8-5-09              | RJL        |
| 640         | FUNCTION TEST AND    | 8-5-09              | R.P.D.     |
| 650         | TARGET               | 8-5-09              | R.P.D.     |
|             | MALFUNCTION          | CORRECTION          |            |
|             | MALFUNCTION          | CORRECTION          |            |
|             | MALFUNCTION          | CORRECTION          |            |
|             | MALFUNCTION          | CORRECTION          |            |
| 670         | FINAL INSPECTION     | 8/5/09              | R.P.       |
|             | A) HEADSPACE         | (PASS) FAIL         | 8-7-09 RJL |
|             | B) TRIGGER PULL      | 269 282 289 282 266 | 8-7-09 RJL |
| 680         | F) SAFETY ON FORCE   | 50 50 50            | 8-7-09 RJL |
|             | G) SAFETY OFF FORCE  | 50 50 48            | 8-7-09 RJL |
|             | I) FIRING PIN INDENT | .002 .022 .022      | 8-7-09 RJL |
| 690         | PACK                 | 8/10/09             | Em         |

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6703527.\_\_\_1  
FILE DATE AND TIME: 08/07/2009 06:36

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

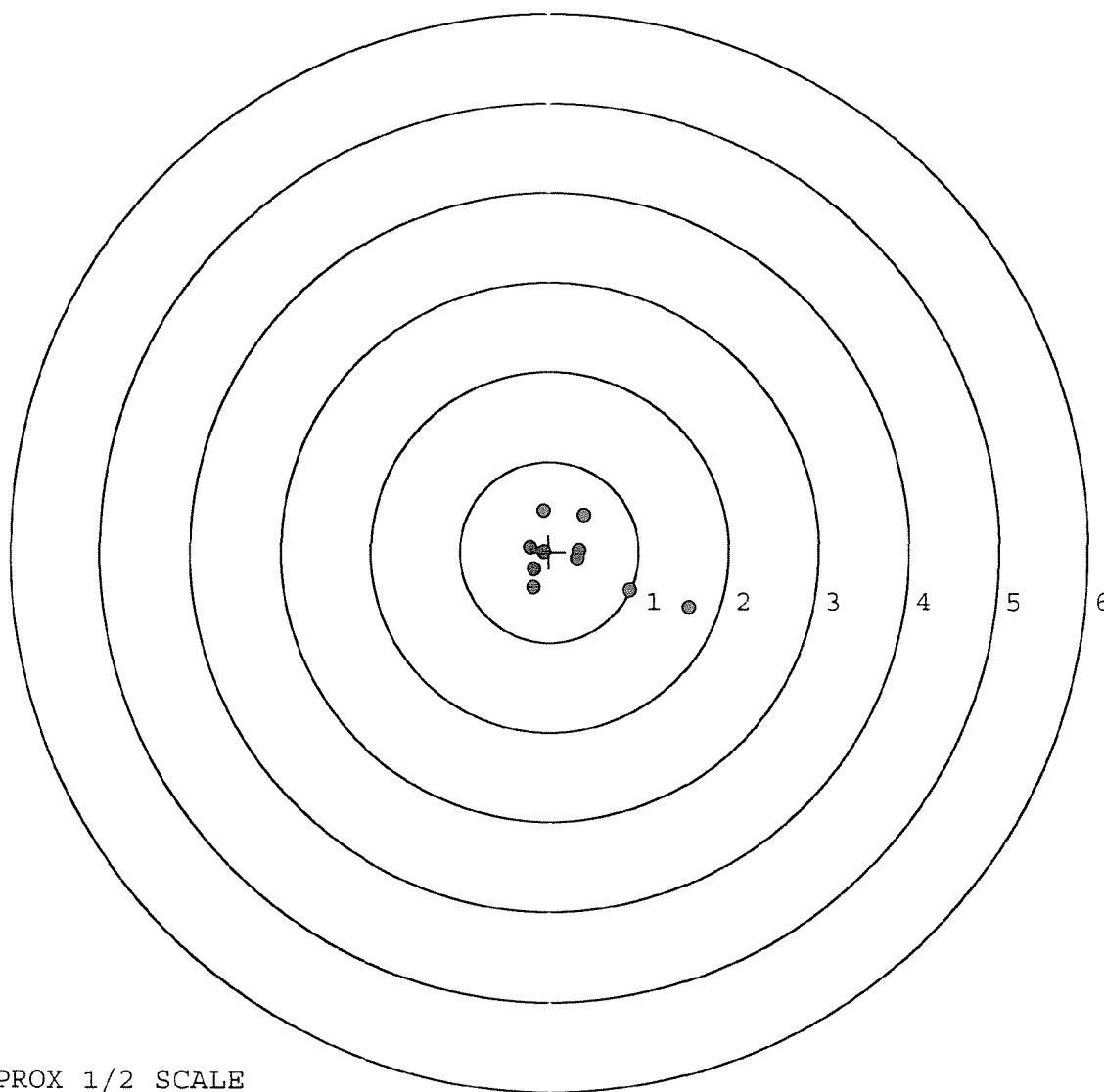
|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.004 |
| The Average Y Centroid of the Five Target Set:              | 0.013 |
| The Average Point of Impact of the Five Target Set:         | 0.014 |
| The Average Mean Radius of the Five Target Set:             | 0.551 |
| The Distance from POA to Centroid Target #1:                | 0.289 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.376 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.367 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.386 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.381 |

**BARBER - M24 0122467**

SERIAL NUMBER: E6703527. \_\_1  
TARGET NUMBER: 1  
FILE DATE: 08/07/2009  
FILE TIME: 06:36

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.556  | -0.619 |
| 2:     | 0.899  | -0.432 |
| 3:     | -0.072 | 0.455  |
| 4:     | 0.386  | 0.406  |
| 5:     | 0.340  | 0.019  |
| 6:     | -0.185 | -0.394 |
| 7:     | -0.219 | 0.048  |
| 8:     | -0.063 | -0.005 |
| 9:     | -0.176 | -0.193 |
| 10:    | 0.316  | -0.078 |

X CENTROID: 0.278  
Y CENTROID: -0.079  
POA TO CENTROID: 0.289  
HORZ SPREAD: 1.775  
VERT SPREAD: 1.074  
GROUP SPREAD: 1.950  
MIN RADIUS: 0.038  
MAX RADIUS: 1.387  
MEAN RADIUS: 0.528  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10



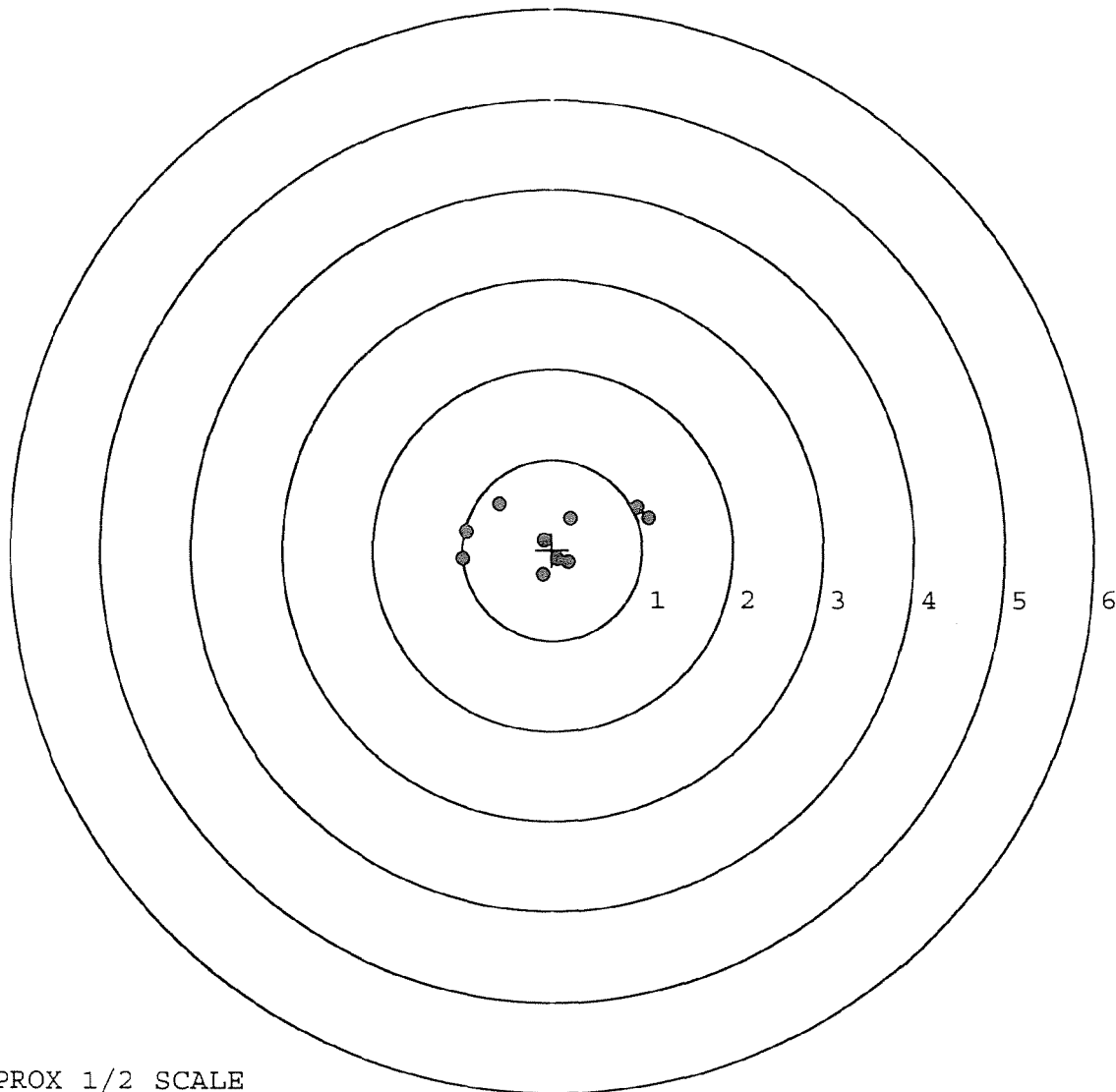
TARGET APPROX 1/2 SCALE

**BARBER - M24 0122468**

SERIAL NUMBER: E6703527. \_\_1  
 TARGET NUMBER: 2  
 FILE DATE: 08/07/2009  
 FILE TIME: 06:36

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.071  | 0.357  |
| 2:     | 0.945  | 0.477  |
| 3:     | 0.203  | 0.350  |
| 4:     | -0.593 | 0.509  |
| 5:     | -0.962 | 0.203  |
| 6:     | -0.996 | -0.101 |
| 7:     | -0.103 | -0.277 |
| 8:     | 0.181  | -0.136 |
| 9:     | -0.091 | 0.113  |
| 10:    | 0.065  | -0.102 |

X CENTROID: -0.028  
 Y CENTROID: 0.139  
 POA TO CENTROID: 0.142  
 HORZ SPREAD: 2.067  
 VERT SPREAD: 0.786  
 GROUP SPREAD: 2.117  
 MIN RADIUS: 0.068  
 MAX RADIUS: 1.120  
 MEAN RADIUS: 0.617  
 # IN 1 IN DIAMETER: 5  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 10



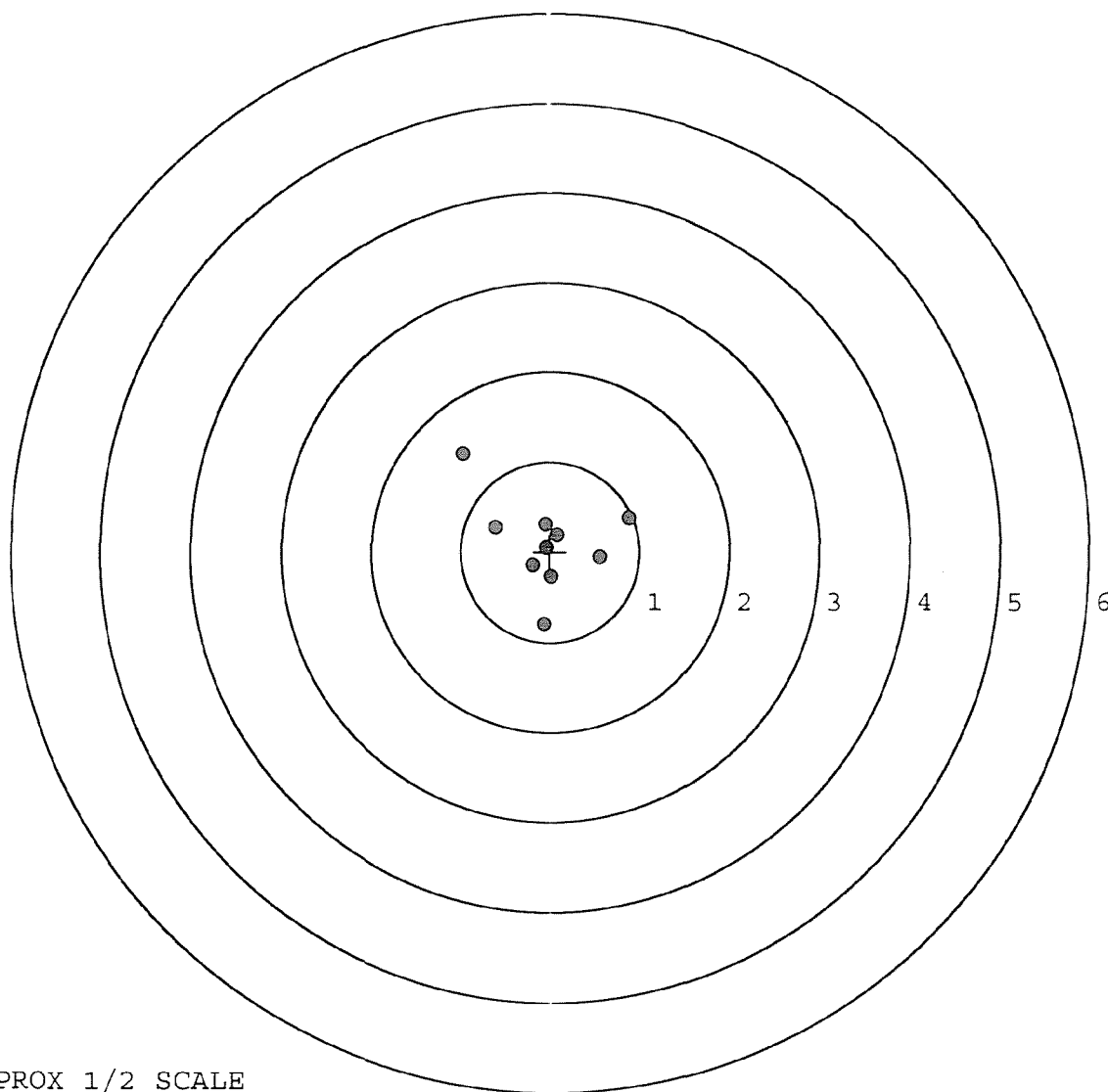
TARGET APPROX 1/2 SCALE

**BARBER - M24 0122469**

SERIAL NUMBER: E6703527. \_\_1  
 TARGET NUMBER: 3  
 FILE DATE: 08/07/2009  
 FILE TIME: 06:36

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.977 | 1.089  |
| 2:     | -0.620 | 0.276  |
| 3:     | 0.885  | 0.374  |
| 4:     | 0.558  | -0.060 |
| 5:     | -0.073 | -0.801 |
| 6:     | -0.051 | 0.307  |
| 7:     | 0.084  | 0.191  |
| 8:     | 0.019  | -0.277 |
| 9:     | -0.200 | -0.150 |
| 10:    | -0.041 | 0.051  |

X CENTROID: -0.042  
 Y CENTROID: 0.100  
 POA TO CENTROID: 0.108  
 HORZ SPREAD: 1.862  
 VERT SPREAD: 1.890  
 GROUP SPREAD: 2.095  
 MIN RADIUS: 0.049  
 MAX RADIUS: 1.361  
 MEAN RADIUS: 0.554  
 # IN 1 IN DIAMETER: 5  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0122470**

SERIAL NUMBER: E6703527. \_\_1

TARGET NUMBER: 4

FILE DATE: 08/07/2009

FILE TIME: 06:36

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.372 | -0.298 |
| 2:     | 0.551  | 0.332  |
| 3:     | 0.285  | 0.420  |
| 4:     | -0.229 | 0.467  |
| 5:     | -0.021 | -0.541 |
| 6:     | 0.164  | -0.298 |
| 7:     | 0.152  | 0.072  |
| 8:     | -0.029 | -0.042 |
| 9:     | -0.281 | 0.173  |
| 10:    | -0.102 | 0.133  |

X CENTROID: -0.088

Y CENTROID: 0.042

POA TO CENTROID: 0.098

HORZ SPREAD: 1.923

VERT SPREAD: 1.008

GROUP SPREAD: 2.024

MIN RADIUS: 0.092

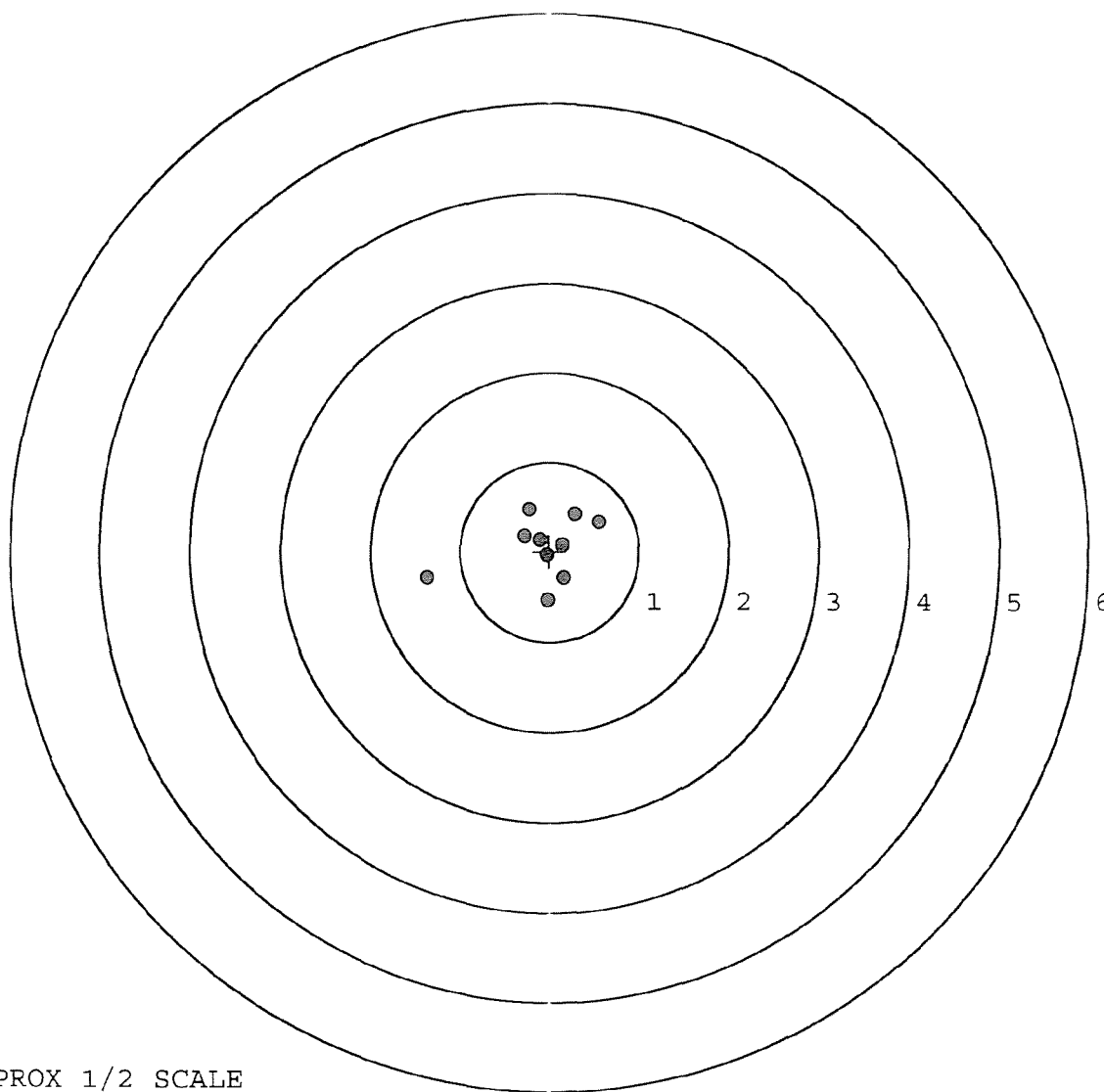
MAX RADIUS: 1.328

MEAN RADIUS: 0.469

# IN 1 IN DIAMETER: 6

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0122471**

SERIAL NUMBER: E6703527. \_\_1

TARGET NUMBER: 5

FILE DATE: 08/07/2009

FILE TIME: 06:36

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.821 | -1.281 |
| 2:     | 0.663  | -0.709 |
| 3:     | 0.415  | -0.190 |
| 4:     | -0.703 | 0.593  |
| 5:     | -0.447 | -0.376 |
| 6:     | -0.381 | -0.060 |
| 7:     | -0.018 | -0.038 |
| 8:     | 0.096  | 0.064  |
| 9:     | 0.191  | 0.379  |
| 10:    | 0.020  | 0.255  |

X CENTROID: -0.098

Y CENTROID: -0.136

POA TO CENTROID: 0.168

HORZ SPREAD: 1.484

VERT SPREAD: 1.874

GROUP SPREAD: 1.944

MIN RADIUS: 0.127

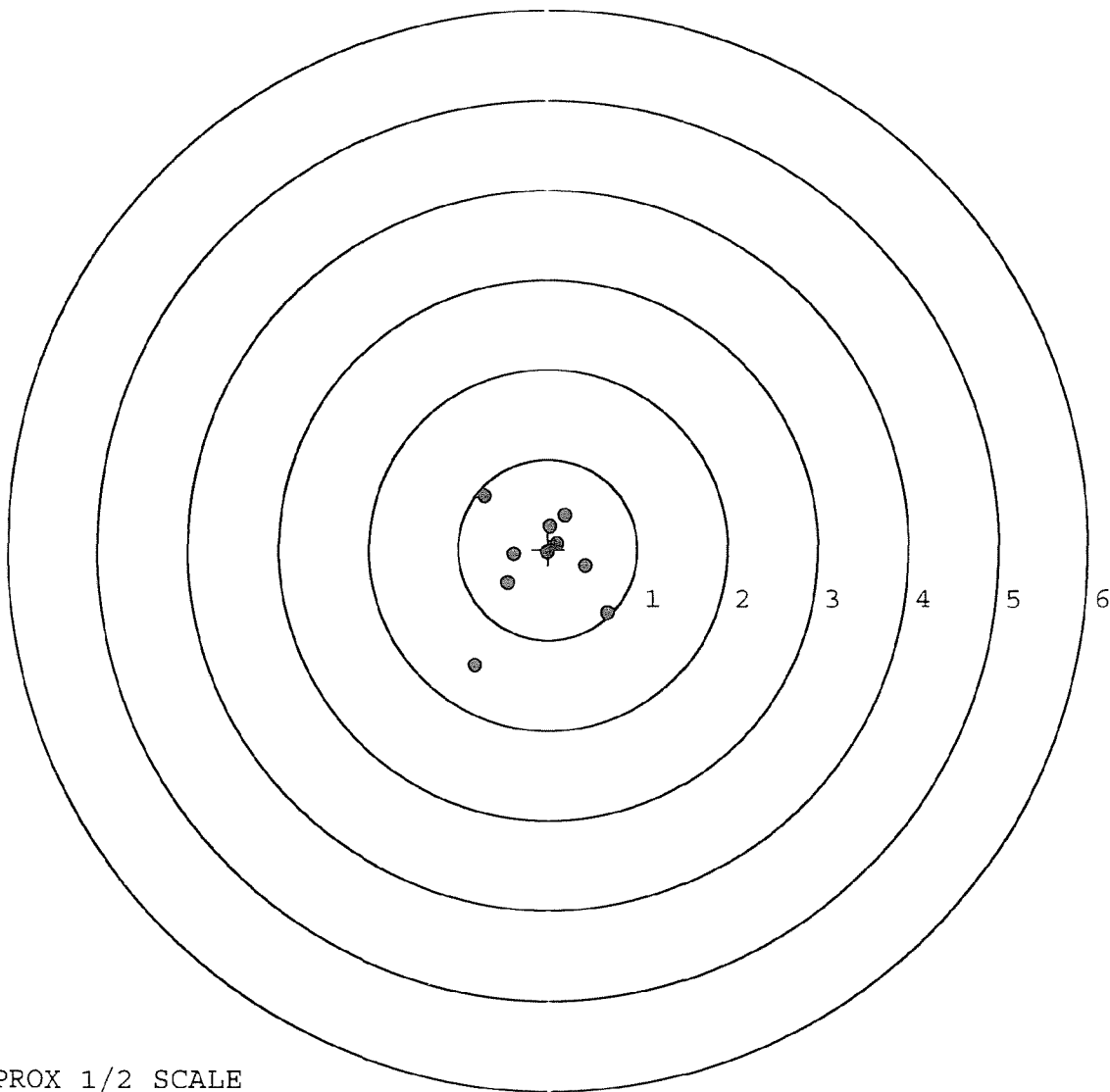
MAX RADIUS: 1.354

MEAN RADIUS: 0.589

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

## Repair Inquiry

Repair Number: RE00127021

Serial: E6703527 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

Closed 3/21/2007 5:36:57 AM

## Address Information

Customer:

Received From

Return To:

Received From

Name: ISSD ARMS ROOM

ISSD ARMS ROOM

Address 1: 8TH AND DESERT STORM

8TH AND DESERT STORM

Address 2: BLDG 5210 BAY DOOR #30

PO Box:

BLDG 5210 BAY DOOR #30

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   |
| A026 | Scope                 | 1   |
| A057 | Fit and Rear Sgt Base | 2   |
| G000 | SCOPE CASE            | 1   |

## Repair Search

Refresh

Close

naglel

3/21/2007

7:31 AM

CAPS

NUM

INS

SCRL

start

2 Micr...

Part Sea...

Arms Se...

Microsof...

My Excl...

7:31 AM

Serial  
Number:

E6703527

Model: M24 SWS



RE00127021

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6703527.\_\_\_0  
FILE DATE AND TIME: 04/16/2007 23:09

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.116  |
| The Average Y Centroid of the Five Target Set:              | -0.013 |
| The Average Point of Impact of the Five Target Set:         | 0.117  |
| The Average Mean Radius of the Five Target Set:             | 0.633  |
| The Distance from POA to Centroid Target #1:                | 0.262  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.211  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.062  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.409  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.249  |

**BARBER - M24 0122474**

SERIAL NUMBER: E6703527. \_\_0

TARGET NUMBER: 1

FILE DATE: 04/16/2007

FILE TIME: 23:09

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.531 | 0.058  |
| 2:     | -0.516 | -0.376 |
| 3:     | 0.470  | -0.825 |
| 4:     | 0.394  | 0.559  |
| 5:     | 0.680  | 0.170  |
| 6:     | -0.065 | 0.006  |
| 7:     | 0.302  | -0.017 |
| 8:     | 0.269  | -0.352 |
| 9:     | 0.634  | -0.246 |
| 10:    | 0.772  | -0.002 |

X CENTROID: 0.241

Y CENTROID: -0.102

POA TO CENTROID: 0.262

HORZ SPREAD: 1.303

VERT SPREAD: 1.384

GROUP SPREAD: 1.341

MIN RADIUS: 0.105

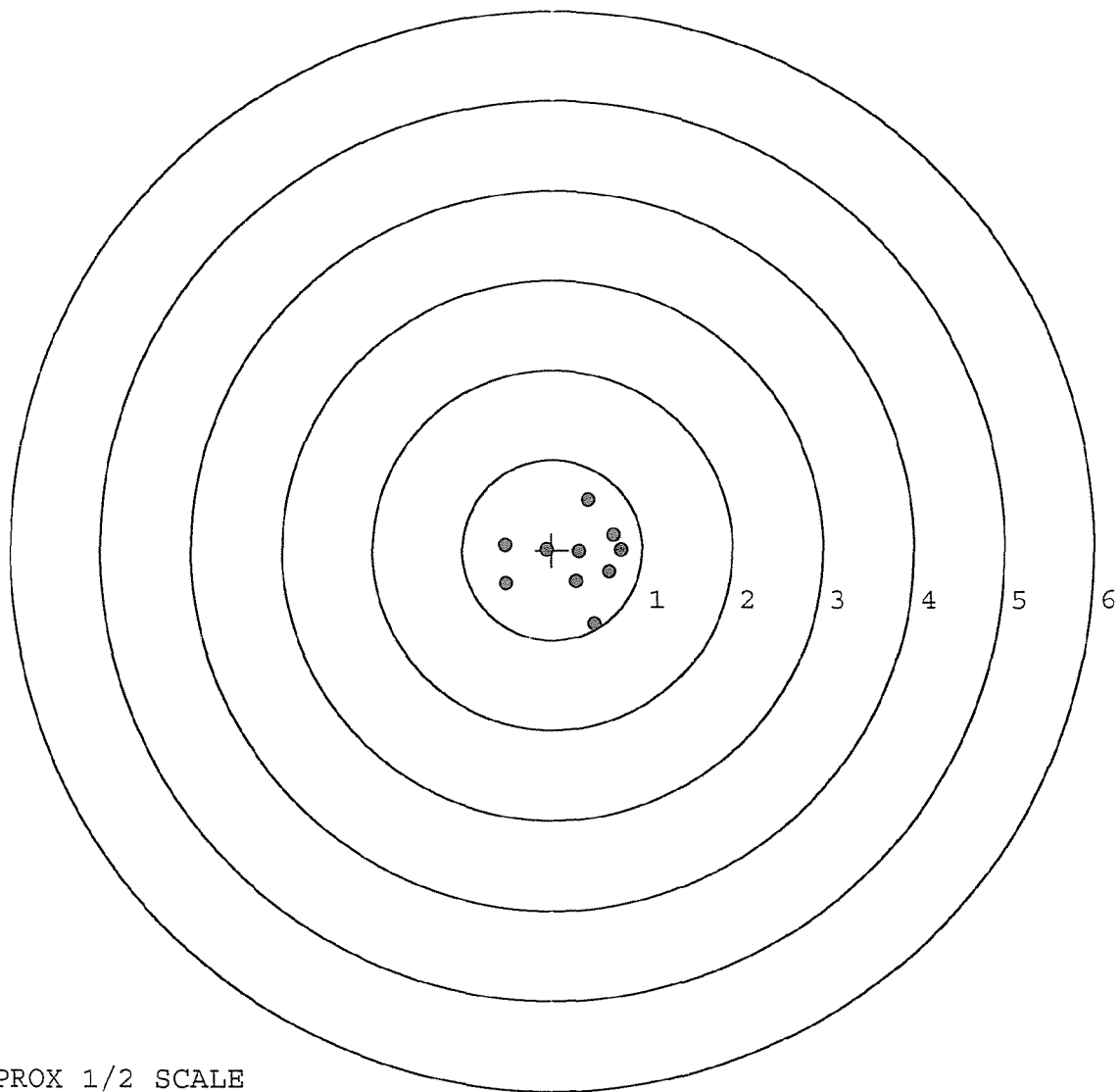
MAX RADIUS: 0.805

MEAN RADIUS: 0.519

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0122475**

SERIAL NUMBER: E6703527. 0

TARGET NUMBER: 2

FILE DATE: 04/16/2007

FILE TIME: 23:09

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

|    |        |       |
|----|--------|-------|
| 1: | -0.107 | 1.570 |
|----|--------|-------|

|    |       |       |
|----|-------|-------|
| 2: | 0.035 | 0.964 |
|----|-------|-------|

|    |       |       |
|----|-------|-------|
| 3: | 0.429 | 0.503 |
|----|-------|-------|

|    |       |        |
|----|-------|--------|
| 4: | 0.510 | -0.009 |
|----|-------|--------|

|    |       |        |
|----|-------|--------|
| 5: | 0.574 | -0.448 |
|----|-------|--------|

|    |       |        |
|----|-------|--------|
| 6: | 0.874 | -0.367 |
|----|-------|--------|

|    |        |        |
|----|--------|--------|
| 7: | -0.104 | -0.190 |
|----|--------|--------|

|    |        |        |
|----|--------|--------|
| 8: | -0.556 | -0.198 |
|----|--------|--------|

|    |        |        |
|----|--------|--------|
| 9: | -0.343 | -0.495 |
|----|--------|--------|

|     |        |        |
|-----|--------|--------|
| 10: | -0.402 | -0.872 |
|-----|--------|--------|

X CENTROID: 0.091

Y CENTROID: 0.046

POA TO CENTROID: 0.102

HORZ SPREAD: 1.430

VERT SPREAD: 2.442

GROUP SPREAD: 2.460

MIN RADIUS: 0.306

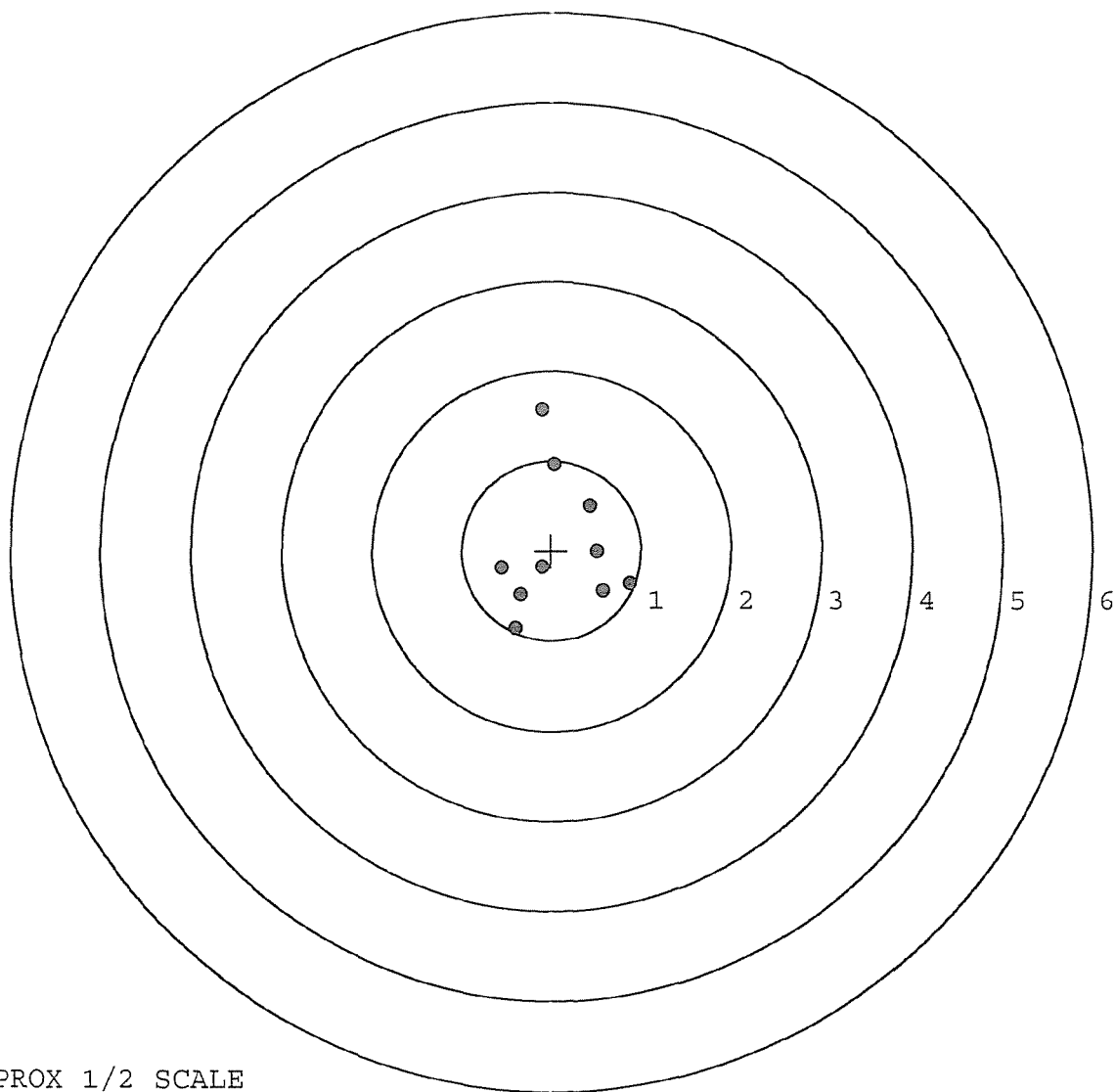
MAX RADIUS: 1.537

MEAN RADIUS: 0.776

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 8

# IN 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

**BARBER - M24 0122476**

SERIAL NUMBER: E6703527. 0

TARGET NUMBER: 3

FILE DATE: 04/16/2007

FILE TIME: 23:09

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

|    |       |        |
|----|-------|--------|
| 1: | 1.138 | -0.464 |
|----|-------|--------|

|    |       |        |
|----|-------|--------|
| 2: | 1.498 | -0.646 |
|----|-------|--------|

|    |       |        |
|----|-------|--------|
| 3: | 0.795 | -0.929 |
|----|-------|--------|

|    |       |        |
|----|-------|--------|
| 4: | 0.404 | -0.332 |
|----|-------|--------|

|    |        |        |
|----|--------|--------|
| 5: | -0.138 | -0.134 |
|----|--------|--------|

|    |        |        |
|----|--------|--------|
| 6: | -0.010 | -0.081 |
|----|--------|--------|

|    |       |       |
|----|-------|-------|
| 7: | 0.205 | 0.155 |
|----|-------|-------|

|    |        |       |
|----|--------|-------|
| 8: | -0.121 | 0.515 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 9: | -0.252 | 0.259 |
|----|--------|-------|

|     |        |       |
|-----|--------|-------|
| 10: | -0.510 | 0.482 |
|-----|--------|-------|

X CENTROID: 0.301

Y CENTROID: -0.117

POA TO CENTROID: 0.323

HORZ SPREAD: 2.008

VERT SPREAD: 1.444

GROUP SPREAD: 2.303

MIN RADIUS: 0.238

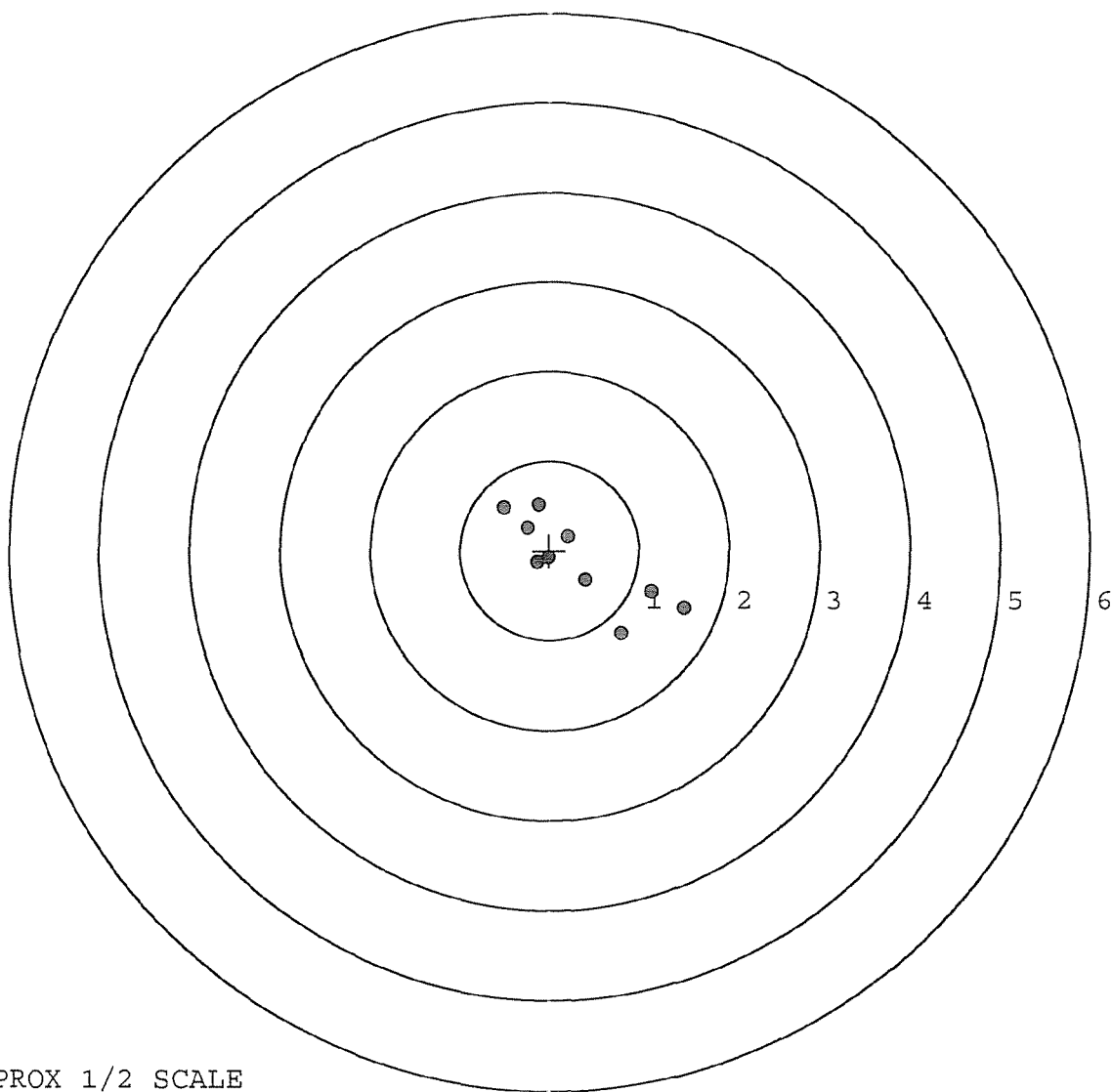
MAX RADIUS: 1.309

MEAN RADIUS: 0.688

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0122477**

SERIAL NUMBER: E6703527. 0

TARGET NUMBER: 4

FILE DATE: 04/16/2007

FILE TIME: 23:09

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.231  | 1.088  |
| 2:     | 0.267  | 0.754  |
| 3:     | -0.191 | 0.570  |
| 4:     | 0.287  | 0.071  |
| 5:     | -0.306 | 0.024  |
| 6:     | -0.439 | -0.148 |
| 7:     | 0.299  | -0.355 |
| 8:     | -0.567 | -0.499 |
| 9:     | -0.933 | -0.564 |
| 10:    | -0.188 | -0.913 |

X CENTROID: -0.154

Y CENTROID: 0.003

POA TO CENTROID: 0.154

HORZ SPREAD: 1.232

VERT SPREAD: 2.001

GROUP SPREAD: 2.044

MIN RADIUS: 0.153

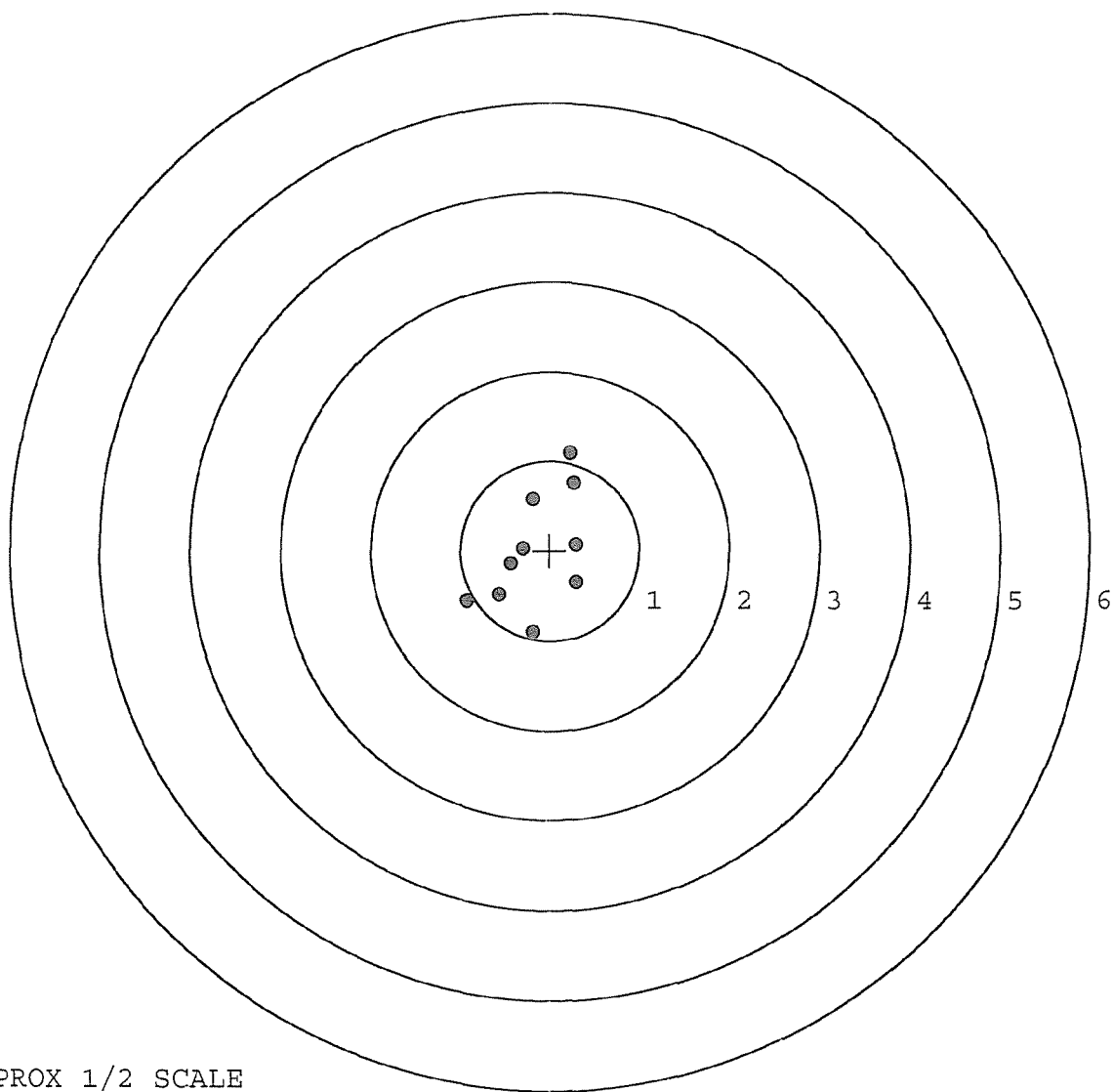
MAX RADIUS: 1.151

MEAN RADIUS: 0.661

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0122478**

SERIAL NUMBER: E6703527. 0

TARGET NUMBER: 5

FILE DATE: 04/16/2007

FILE TIME: 23:09

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.800 | 0.183  |
| 2:     | -0.304 | 0.095  |
| 3:     | 0.116  | -0.247 |
| 4:     | -0.089 | -0.701 |
| 5:     | 0.875  | -0.190 |
| 6:     | 0.060  | 0.816  |
| 7:     | 0.092  | 0.404  |
| 8:     | 0.120  | 0.104  |
| 9:     | 0.459  | 0.403  |
| 10:    | 0.504  | 0.184  |

X CENTROID: 0.103

Y CENTROID: 0.105

POA TO CENTROID: 0.147

HORZ SPREAD: 1.675

VERT SPREAD: 1.517

GROUP SPREAD: 1.716

MIN RADIUS: 0.017

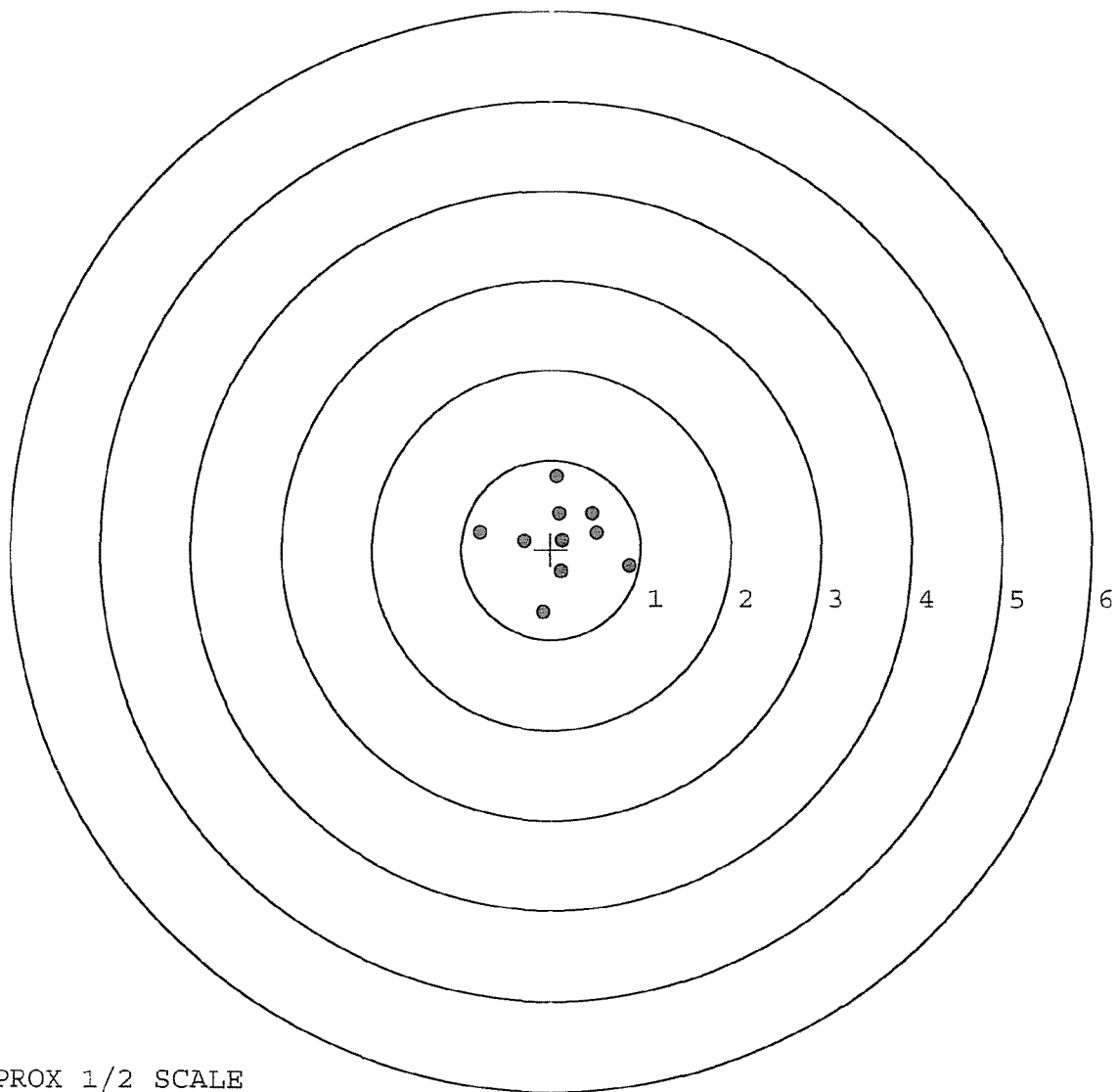
MAX RADIUS: 0.907

MEAN RADIUS: 0.522

# IN 1 IN DIAMETER: 6

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

| R & E NUMBER  | 127021                           |                                           |                                      |
|---------------|----------------------------------|-------------------------------------------|--------------------------------------|
| SERIAL NUMBER | E6703527                         |                                           |                                      |
| LOG-IN DATE   | 3-21-07                          |                                           |                                      |
| OPERATION #   | OPERATION NAME                   | DATE                                      | INITIAL                              |
| 500           | DIS-ASSEMBLE GUN                 | 4-2-07                                    | RTZ                                  |
| 505           | RE-BARREL                        | 4-3-07                                    | RTZ                                  |
| 560           | ASSEMBLE                         | 4-3-07                                    | RTZ                                  |
| 600           | PROOF                            | INSPECTED 4-3-07                          | TRW                                  |
| 605           | CHECK HEADSPACE                  | APPROVED 4-3-07                           | TRW                                  |
| 610           | DIS-ASSEMBLE GUN                 | OPERATED 4-4-07                           | RTZ                                  |
| 612           | MAGNAFLUX                        | OPERATOR 4-3-07                           | APD                                  |
| 510           | DRILL AND TAP                    | 4-4-07                                    | TRW                                  |
| 615           | ROLLMARK CALIBER                 | 4-5-07                                    | CW                                   |
| 618           | ROTO-BLAST                       | 4-5-07                                    | LB                                   |
| 620           | APPLY COATINGS                   | 4-9-07                                    | RS                                   |
| 625           | FINAL ASSEMBLY                   | 4-13-07                                   | RTZ                                  |
| 640           | FUNCTION TEST AND                | PASS FAIL                                 |                                      |
| 650           | TARGET                           | PASS FAIL                                 | 4/16/07 non                          |
|               | MALFUNCTION <i>Doesn't eject</i> | CORRECTION OK                             | 4-17-07 TRW                          |
|               | MALFUNCTION                      | CORRECTION                                |                                      |
|               | MALFUNCTION                      | CORRECTION                                | N/A                                  |
|               | MALFUNCTION                      | CORRECTION                                |                                      |
| 670           | FINAL INSPECTION                 |                                           | 4/18/07 non                          |
|               | A) HEADSPACE                     | PASS FAIL                                 | 4/18/07 non                          |
|               | B) TRIGGER PULL                  | +/- .5 LBS<br>MIN 2.50 LBS<br>MAX 4.0 LBS | 2.50 2.49 2.40 2.43 2.45 4-17-07 TRW |
| 680           | F) SAFETY ON FORCE               | 2 LBS MIN<br>10 LBS MAX                   | 5.75 5.75 6.0 4-17-07 TRW            |
|               | G) SAFETY OFF FORCE              | 2 LBS<br>MIN                              | 2.75 2.5 2.75 4-17-07 TRW            |
|               | I) FIRING PIN INDENT             | .020                                      | .022 .0215 .0215 4-17-07 TRW         |
| 690           | PACK                             |                                           | 4-21-07 BA                           |

## Repair Inquiry

Repair Number: RE00092458

Serial: E6703527 Model: M24 SWS Center Fire  
Caliber: 7.62 NATO Produced: 10/24/2001

Repairman:

Verify Repair:

Status:

Closed 2/4/2005 9:37:15 AM

## Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEF DIST DEPOT ANNISTON

DEF DIST DEPOT ANNISTON

Address 1:

Address 2:

City: ANNISTON

State: AL

Zip Code: 362014199

Country: US

State: AL

Zip Code: 362014199

Country: US

FFL

## Contact / Condition

## Problems

## Estimate

## History / Status

## Shipping / Billing

## Contact Information

Phone:

Fax:

Email:

Comments:

## Received Condition

Good

Condition

Notes:

CSR

Notes:

## Accessories Received

| Code | Desc                  | Qty |
|------|-----------------------|-----|
| A007 | With Stud             | 3   |
| A010 | Hard Case             | 1   |
| A017 | Scope Base            | 1   |
| A028 | Scope                 | 1   |
| A057 | Fit and Rear Sgt Base | 1   |

Repair Search

Refresh

Close

maglev

2/7/2005

11:26 AM

D-PS

NUM

INS

SCPL

start

3

3

Arms Services

3

M

Serial Number: E6703527

Model: M24 SWS



RE00092458

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6703527.\_\_\_0  
FILE DATE AND TIME: 04/29/2005 06:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.045 |
| The Average Y Centroid of the Five Target Set:              | 0.002 |
| The Average Point of Impact of the Five Target Set:         | 0.046 |
| The Average Mean Radius of the Five Target Set:             | 0.941 |
| The Distance from POA to Centroid Target #1:                | 0.115 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.171 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.191 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.092 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.105 |

**BARBER - M24 0122482**

SERIAL NUMBER: E6703527. \_\_0

TARGET NUMBER: 1

FILE DATE: 04/29/2005

FILE TIME: 06:32

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.830 | 0.776  |
| 2:     | -0.288 | 0.679  |
| 3:     | 0.406  | 0.615  |
| 4:     | 0.509  | 1.140  |
| 5:     | -0.193 | 0.062  |
| 6:     | -0.977 | -0.752 |
| 7:     | -0.541 | -0.639 |
| 8:     | 0.385  | -0.679 |
| 9:     | 1.120  | -0.386 |
| 10:    | 1.206  | 0.012  |

X CENTROID: 0.080

Y CENTROID: 0.083

POA TO CENTROID: 0.115

HORZ SPREAD: 2.183

VERT SPREAD: 1.892

GROUP SPREAD: 2.406

MIN RADIUS: 0.273

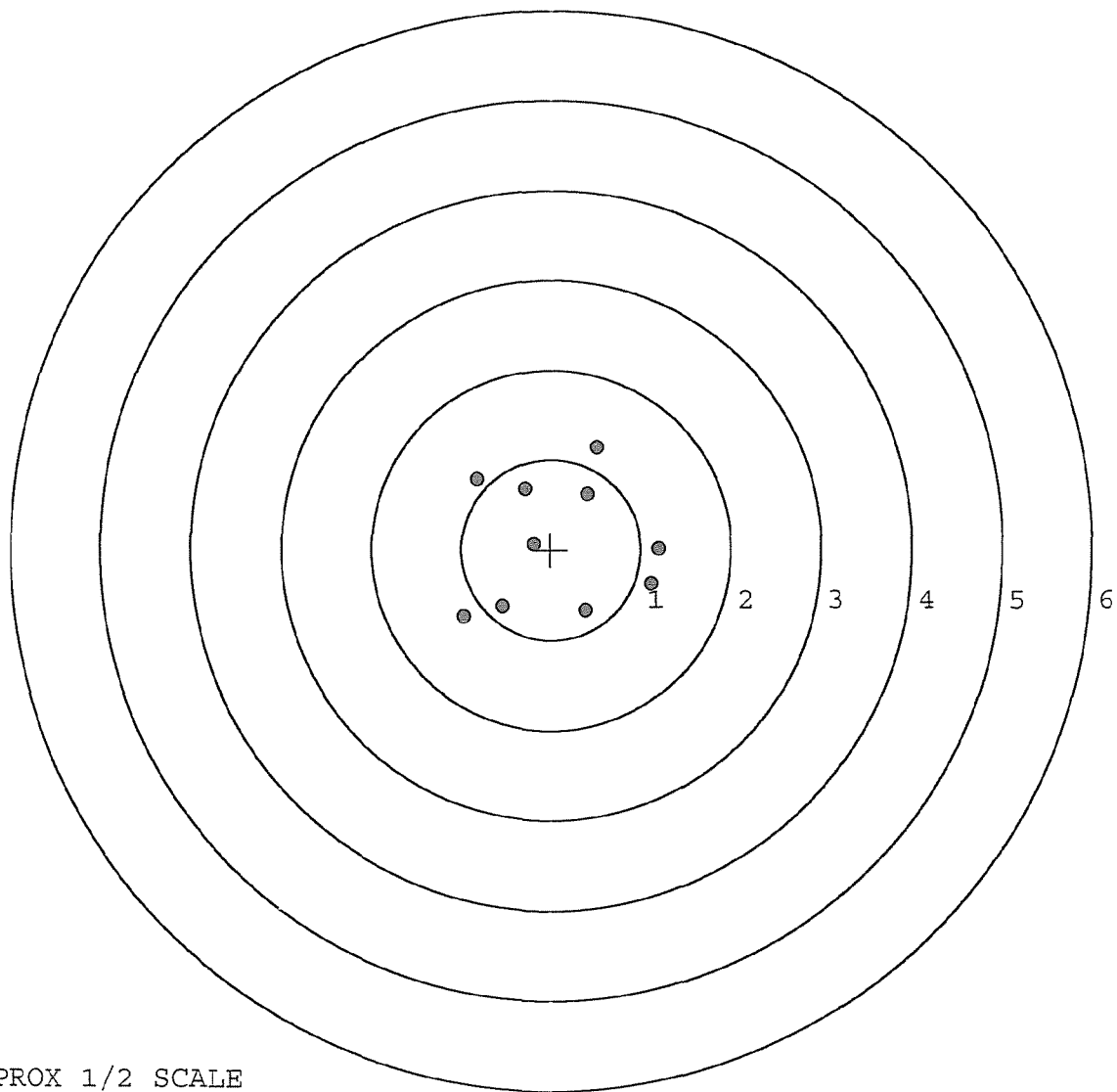
MAX RADIUS: 1.347

MEAN RADIUS: 0.927

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 5

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0122483**

SERIAL NUMBER: E6703527. \_\_0

TARGET NUMBER: 2

FILE DATE: 04/29/2005

FILE TIME: 06:32

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.627  | 0.741  |
| 2:     | 0.104  | 0.494  |
| 3:     | 0.920  | 0.319  |
| 4:     | 0.485  | 0.033  |
| 5:     | 0.803  | -0.405 |
| 6:     | -0.068 | -0.477 |
| 7:     | -0.766 | -0.776 |
| 8:     | -0.769 | -1.168 |
| 9:     | -1.079 | 0.410  |
| 10:    | -0.691 | 0.463  |

X CENTROID: -0.043

Y CENTROID: -0.037

POA TO CENTROID: 0.057

HORZ SPREAD: 1.999

VERT SPREAD: 1.909

GROUP SPREAD: 2.365

MIN RADIUS: 0.441

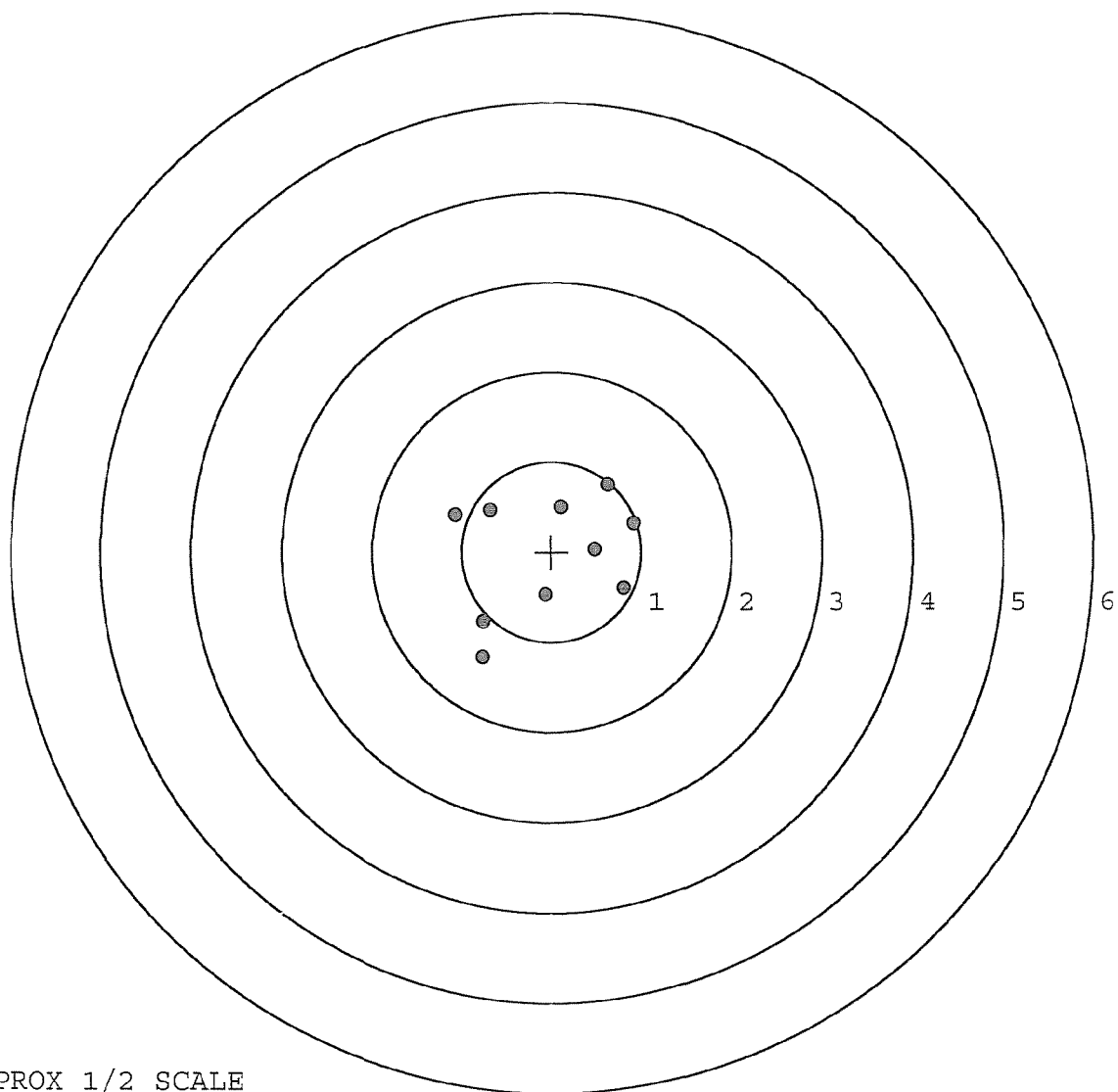
MAX RADIUS: 1.344

MEAN RADIUS: 0.883

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 5

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0122484**

SERIAL NUMBER: E6703527. 0

TARGET NUMBER: 3

FILE DATE: 04/29/2005

FILE TIME: 06:32

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.398  | 0.696  |
| 2:     | 0.053  | 0.839  |
| 3:     | -0.387 | 0.660  |
| 4:     | -0.618 | 0.010  |
| 5:     | -0.269 | -0.003 |
| 6:     | -0.358 | -0.460 |
| 7:     | -0.517 | -0.927 |
| 8:     | -0.117 | -2.570 |
| 9:     | 1.410  | -0.177 |
| 10:    | 1.743  | 0.928  |

X CENTROID: 0.134

Y CENTROID: -0.100

POA TO CENTROID: 0.167

HORZ SPREAD: 2.361

VERT SPREAD: 3.498

GROUP SPREAD: 3.962

MIN RADIUS: 0.414

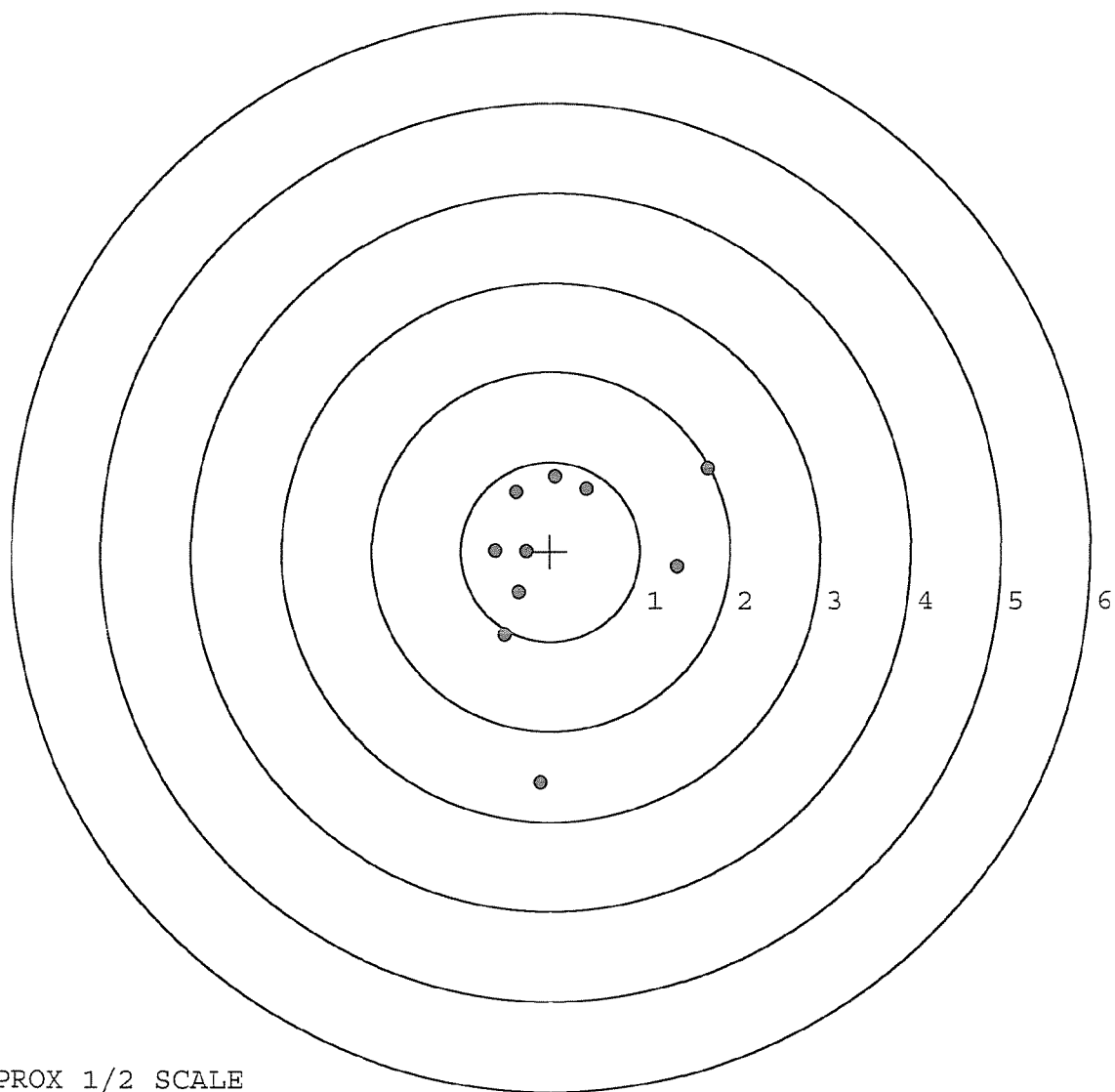
MAX RADIUS: 2.482

MEAN RADIUS: 1.121

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 8



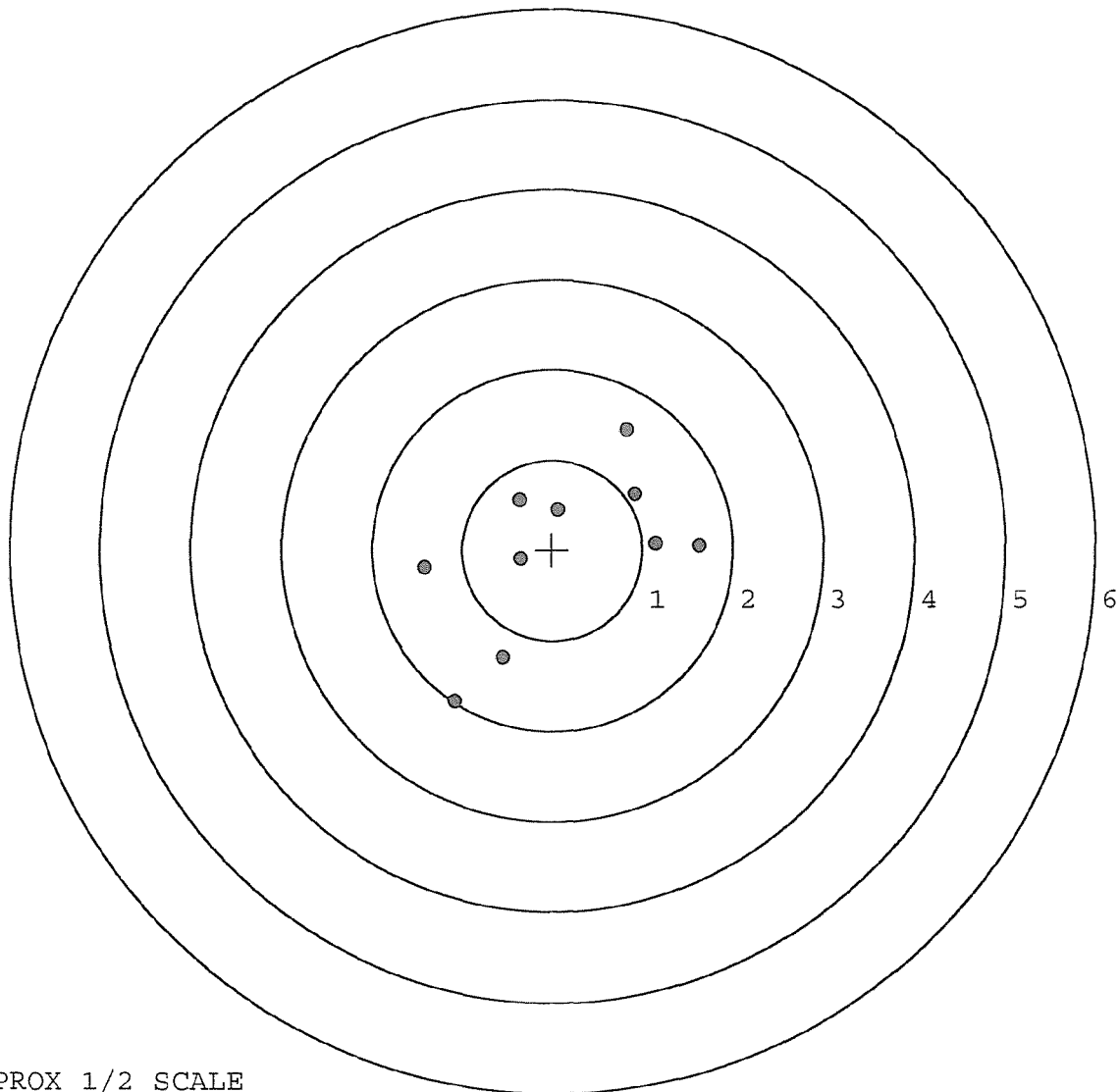
TARGET APPROX 1/2 SCALE

**BARBER - M24 0122485**

SERIAL NUMBER: E6703527. \_\_0  
 TARGET NUMBER: 4  
 FILE DATE: 04/29/2005  
 FILE TIME: 06:32

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.821  | 1.336  |
| 2:     | 0.918  | 0.620  |
| 3:     | 1.151  | 0.072  |
| 4:     | 1.628  | 0.049  |
| 5:     | -0.362 | 0.555  |
| 6:     | 0.063  | 0.449  |
| 7:     | -0.352 | -0.101 |
| 8:     | -1.417 | -0.204 |
| 9:     | -0.553 | -1.188 |
| 10:    | -1.080 | -1.680 |

X CENTROID: 0.082  
 Y CENTROID: -0.009  
 POA TO CENTROID: 0.082  
 HORZ SPREAD: 3.045  
 VERT SPREAD: 3.016  
 GROUP SPREAD: 3.565  
 MIN RADIUS: 0.443  
 MAX RADIUS: 2.035  
 MEAN RADIUS: 1.171  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 3  
 # in 3 IN DIAMETER: 6

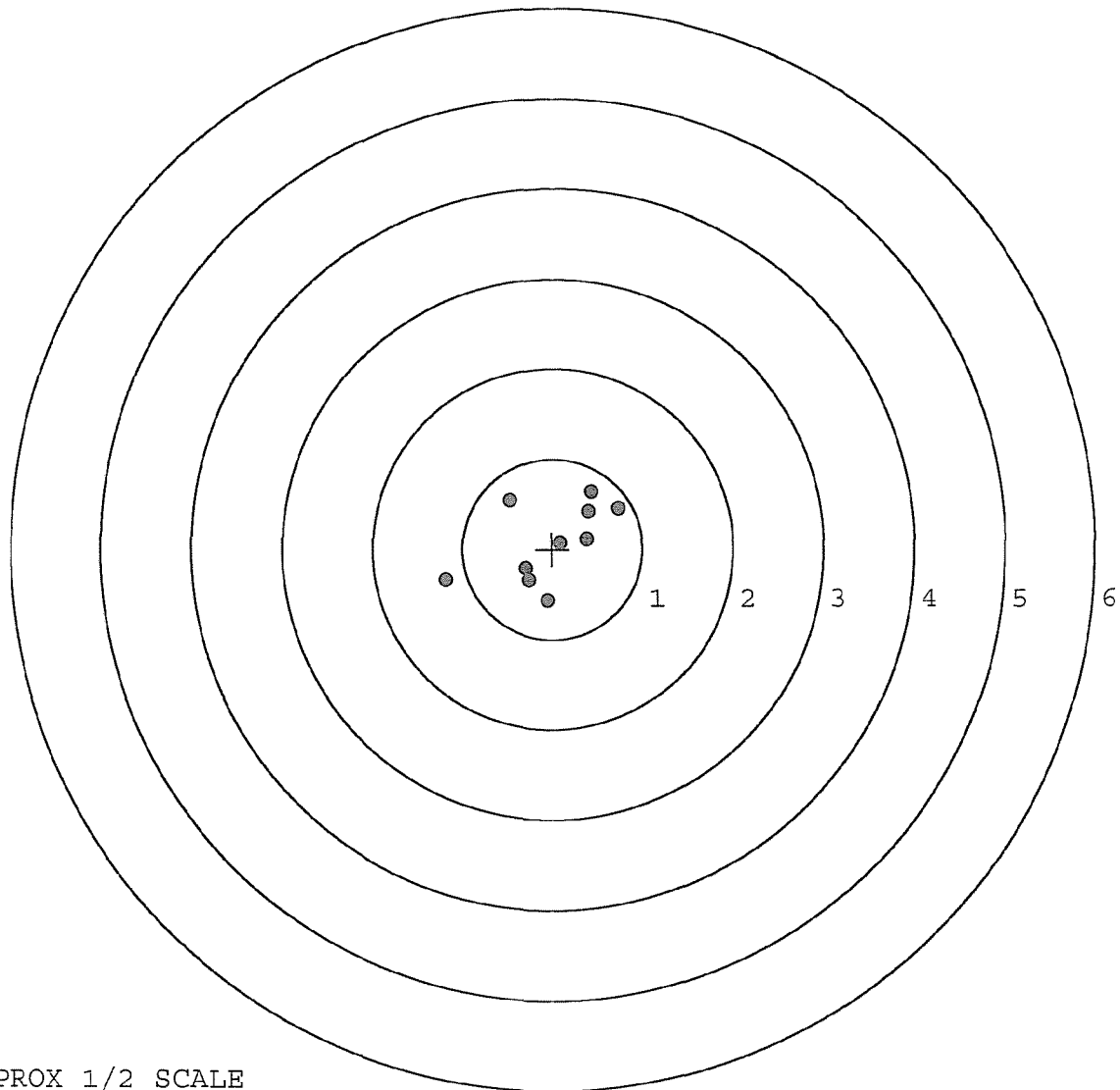


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6703527. 0  
 TARGET NUMBER: 5  
 FILE DATE: 04/29/2005  
 FILE TIME: 06:32

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.475 | 0.537  |
| 2:     | -1.185 | -0.347 |
| 3:     | -0.058 | -0.574 |
| 4:     | -0.297 | -0.217 |
| 5:     | 0.092  | 0.068  |
| 6:     | 0.383  | 0.112  |
| 7:     | 0.397  | 0.417  |
| 8:     | 0.430  | 0.635  |
| 9:     | 0.733  | 0.452  |
| 10:    | -0.264 | -0.351 |

X CENTROID: -0.024  
 Y CENTROID: 0.073  
 POA TO CENTROID: 0.077  
 HORZ SPREAD: 1.918  
 VERT SPREAD: 1.209  
 GROUP SPREAD: 2.078  
 MIN RADIUS: 0.117  
 MAX RADIUS: 1.234  
 MEAN RADIUS: 0.605  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

|                     |                    |                     |         |
|---------------------|--------------------|---------------------|---------|
| R & E NUMBER        | 92458              |                     |         |
| SERIAL NUMBER       | E 4703527          |                     |         |
| LOG-IN DATE         | 92458              |                     |         |
| INSPECT AND VERIFY: |                    |                     |         |
| OPERATION #         | OPERATION NAME     | DATE                | INITIAL |
| 550                 | DIS-ASSEMBLE GUN   | 4-1-05              | RTZ     |
| 560 A               | RE-BARREL          | 4-7-05              | RTZ     |
| B                   | DRILL AND TAP      | 4-11-05             | TRW     |
| 575                 | ASSEMBLE           | 4-7-05              |         |
| 600                 | PROOF              | 4-8-05              | AC      |
| 605                 | CHECK HEADSPACE    | 4-8-05              | AC      |
| 610                 | DIS-ASSEMBLE GUN   | 4-11-05             | RTZ     |
| 612                 | MAGNAFLUX          | OPERATOR            | BS      |
| 615                 | ROLLMARK CALIBER   | 4-12-05             | CW      |
| 618                 | ROTO-BLAST         | 4-18-05             | LB      |
| 620                 | APPLY COATINGS     | 4-25-05             | W       |
| 625 A               | FINAL ASSEMBLY     | 4-28-05             | RTZ     |
| B                   | TRIGGER PULL TEST  |                     |         |
| C                   | SAFETY "ON" FORCE  | 5-2-05              | AC      |
| D                   | SAFETY "OFF" FORCE | 5-2-05              | AC      |
| E                   | FIRING PIN INDENT  | 5-2-05              | AC      |
| 640                 | TARGET             | 4-29-05             | AC      |
| 655                 | FINAL INSPECT      | 5-2-05              | AC      |
| 660                 | PACK               | 5-7-05              | DA      |
|                     |                    | SHIP DATE           |         |
|                     |                    | QAR INSPECTION DATE |         |

VERY IMPORTANT - Remington-Union Metallic Cartridge Co. Instructions - Remington-Union Metallic Cartridge Co. to assist in the identification of the product.

**Remington**

**MODEL 700<sup>TH</sup> M24**  
**BOLT ACTION CENTERFIRE RIFLE**  
**24" BARREL 7.62 NATO**

SERIAL NO. **E6703527**  
ORDER NO. **25716**

46

Made in Union, N.Y. Reg. U.S. Pat. & Tm. Off. Harco Registered. Harque Deposee.

**24EV**

**5716 E6703527**

**ORDER 25716**

MODEL 700<sup>TH</sup> M24

**UPC**



**ORDER 25716**

MODEL 700<sup>TH</sup> M24

**UPC**



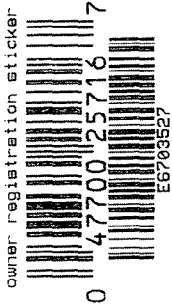
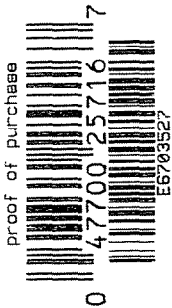
SERIAL NO.



MODEL 700™ M24  
BOLT ACTION CENTERFIRE RIFLE  
24" BARREL 7.62 NATO

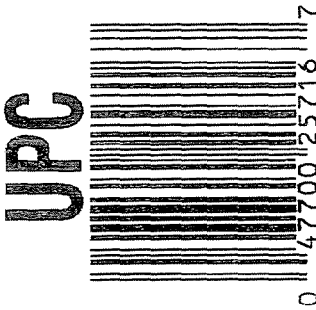
- DOCUMENT ENVELOPE ASSEMBLY:
- INSTRUCTION BOOK
  - PRODUCT OWNER'S CARD
  - SAFETY BOOKLET

46 FORM 1444



|               |       |
|---------------|-------|
| ORDER NO.     | 25716 |
| BARREL LENGTH | 24"   |
| CAPACITY      | 6     |

E6703527



AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

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

SERIAL NO. E670 3527DATE 4/30/01TESTER DA

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-------|------------------------------------------------------------------------|
| PULL #1 | 2.32             | 2.10                     |                                | 2.30  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.12             | 2.13                     |                                | 2.30  |                                                                        |
| PULL #3 | 2.21             | 2.10                     |                                | 2.14  |                                                                        |
| PULL #4 | 2.31             | 2.20                     |                                | 2.10  |                                                                        |
| PULL #5 | 2.35             | 2.16                     |                                | 2.10  |                                                                        |
| TOTAL   | 11.31            | 10.69                    |                                | 10.94 |                                                                        |
| AVG.    | 2.26             | 2.13                     |                                | 2.18  |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.21             | 3.17                     |  |          |
| PULL #2 | 3.03             | 3.15                     |  |          |
| PULL #3 | 3.11             | 3.02                     |  |          |
| PULL #4 | 3.10             | 3.02                     |  |          |
| PULL #5 | 3.10             | 3.00                     |  |          |
| TOTAL   | 15.55            | 15.36                    |  |          |
| AVG.    | 3.11             | 3.07                     |  |          |

|         | 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 | 4.01             | 4.00                     |                                | 4.11                                 |
| PULL #2 | 4.02             | 3.97                     |                                | 4.08                                 |
| PULL #3 | 4.00             | 4.22                     |                                | 4.06                                 |
| PULL #4 | 4.00             | 4.28                     |                                | 4.09                                 |
| PULL #5 | 4.05             | 4.22                     |                                | 4.00                                 |
| TOTAL   | 20.08            | 20.69                    |                                | 20.34                                |
| AVG.    | 4.01             | 4.13                     |                                | 4.06                                 |

**BARBER - M24 0122491**

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6703527  
10 Aug 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1442  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.124  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .190183

THE AMR FOR THIS RIFLE IS: 1.001

**CENTROIDAL DISTANCES**

|      |   |         |
|------|---|---------|
| Ø TO | 1 | .425329 |
| 1 TO | 2 | .836945 |
| 1 TO | 3 | .84826  |
| 1 TO | 4 | .259422 |
| 1 TO | 5 | .265398 |

                  +  
                  4  
                  1 5  
                  2 3-----POA

**BARBER - M24 0122492**

REMINGTON CENTERFIRE ACCURACY TEST

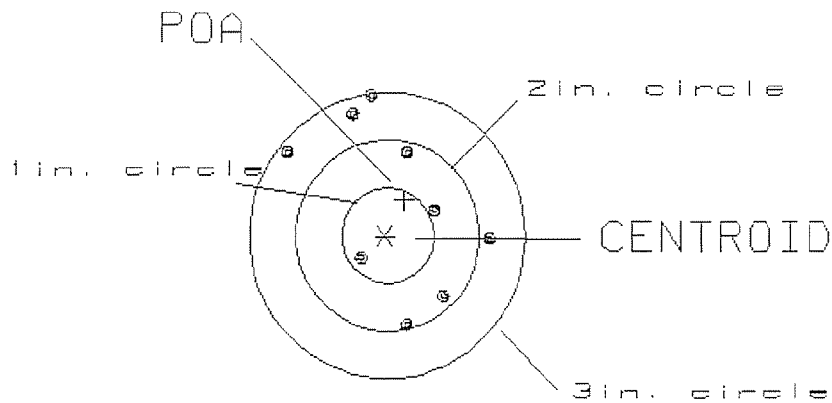
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 010  
 POA TO CENTROID: .425  
 MIN RADIUS : .385  
 MEAN RADIUS : 1.221  
 MAX RADIUS : 3.070  
 CENTROID X : -.208  
 CENTROID Y : -.371

10 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/E6703527

**CENTERFIRE PATTERN # 1**



| # OF SHOTS= 10 | # | # IN CIRCLE |
|----------------|---|-------------|
| HS= 2.25       |   | 1           |
| VS= 4.46       |   | 5           |
| GS= 4.52       |   | 8           |

**BARBER - M24 0122493**

REMINGTON CENTERFIRE ACCURACY TEST

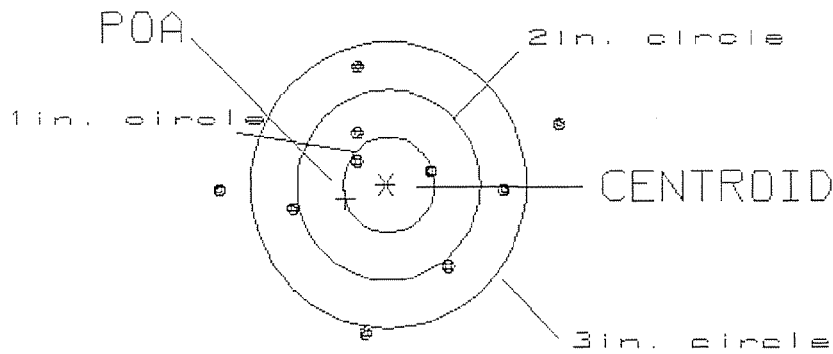
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐  
 POA TO CENTROID: .469  
 MIN RADIUS : .419  
 MEAN RADIUS : 1.159  
 MAX RADIUS : 1.945  
 CENTROID X : .443  
 CENTROID Y : .155

10 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/E6703527

**CENTERFIRE PATTERN # 2**



# OF SHOTS= 10

# IN CIRCLE

HS= 3.68

2

VS= 2.75

3

GS= 3.75

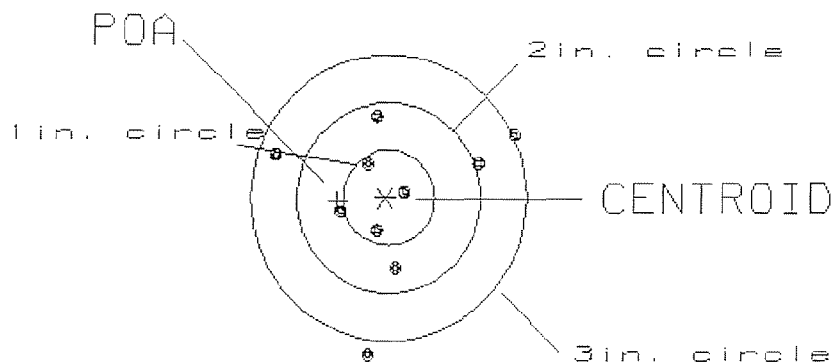
7

PATTERN #: 3  
 POA TO CENTROID: .527  
 MIN RADIUS : .189  
 MEAN RADIUS : .870  
 MAX RADIUS : 1.663  
 CENTROID X : .526  
 CENTROID Y : .038

10 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/E6703527

# CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 2.55

3

VS= 2.53

6

GS= 2.84

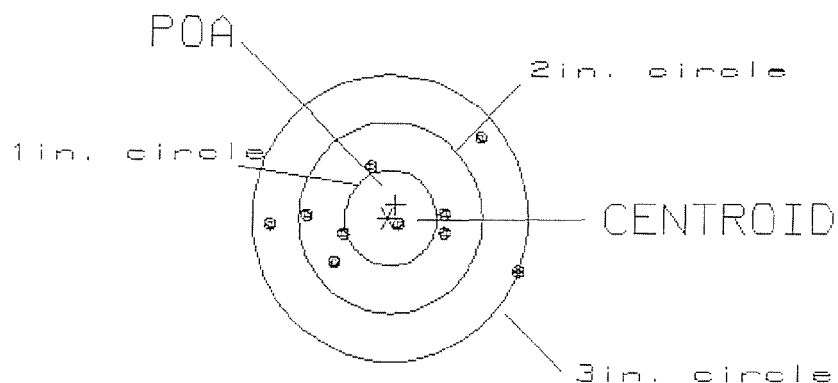
8

PATTERN #: 4  
 POA TO CENTROID: .166  
 MIN RADIUS : .098  
 MEAN RADIUS : .820  
 MAX RADIUS : 1.543  
 CENTROID X : -.088  
 CENTROID Y : -.141

10 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/E6703527

# CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 2.80

1

VS= 1.37

7

GS= 2.93

9

**BARBER - M24 0122496**

REMINGTON CENTERFIRE ACCURACY TEST

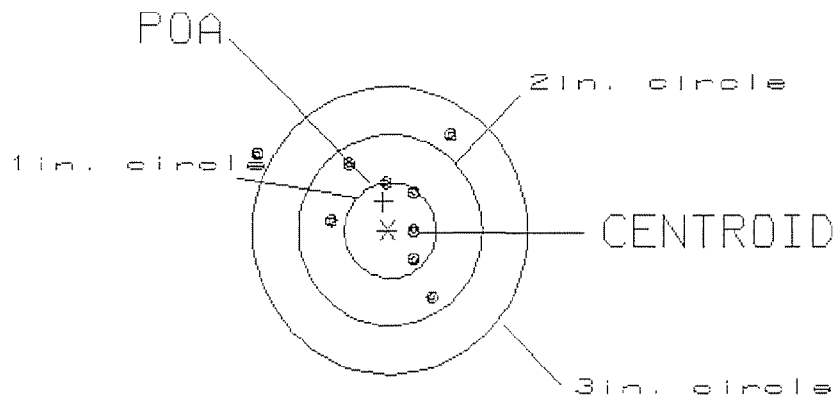
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5 C  
 POA TO CENTROID: .305  
 MIN RADIUS : .265  
 MEAN RADIUS : .934  
 MAX RADIUS : 2.612  
 CENTROID X : .048  
 CENTROID Y : -.301

10 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/E6703527

**CENTERFIRE PATTERN # 5**



# OF SHOTS= 10

# IN CIRCLE

HS= 2.39

4

VS= 3.43

7

GS= 4.00

8

CONTRACT #

GUN SERIAL #

F6703527

| OR #         | OPERATION NAME                                                 | READINGS | DATE    | INITIAL |
|--------------|----------------------------------------------------------------|----------|---------|---------|
| 575 &<br>580 | ASSEMBLE ACTION<br>AND STOCK                                   |          | 5-7-01  | CK      |
| 600          | PROOF                                                          |          | 5/7/01  | CK      |
| 607          | CHECK HEADSPACE                                                |          | 5/7/01  | CK      |
| 610          | DIS-ASSEMBLE GUN                                               |          | 5/7/01  | CK      |
| 612          | MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT                         |          | 5/8/01  | AE      |
| 615          | ROLLMARK CALIBER                                               |          | 5/9/01  | RHL     |
| 617          | DRILL AND TAP<br>SIGHT HOLES                                   |          | 5/9/01  | BT      |
| 618          | POLISH BARREL                                                  |          | 5/20/01 | GP      |
| 620          | APPLY COATINGS<br>(BARREL ACTION)                              |          | 5/11/01 | TF      |
|              | (BOLT)                                                         |          | 5/11/01 | TA      |
| 625          | FINAL ASSEMBLY                                                 |          |         |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                            |          | 8/6/01  | RHL     |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD |          | 8/6/01  | RHL     |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                         |          | 8/6/01  | AD      |
|              | D) OIL FIRING PIN ASSEMBLY                                     |          | 8/6/01  | RHL     |
|              | E) ADJUST TRIGGER PULL<br>TO MIN. SETTING AND<br>STAKE         |          | 8/6/01  | RHL     |

| OP # OPERATION NAME |                                                                 | READINGS                          |             |                         | DATE    | INITIAL |
|---------------------|-----------------------------------------------------------------|-----------------------------------|-------------|-------------------------|---------|---------|
| 625                 | F) SAFETY ON FORCE                                              | <u>6.0</u>                        | <u>6.0</u>  | <u>6.0</u>              | 8/21/01 | DA      |
| CONT.               |                                                                 |                                   |             |                         |         |         |
|                     | G) SAFETY OFF FORCE                                             | <u>2.5</u>                        | <u>3.0</u>  | <u>3.2</u>              | 8/21/01 | DA      |
|                     | H) TRIGGER PULL TEST AND RETAINABILITY                          |                                   |             |                         | 8/21/01 | DA      |
|                     | I) FIRING PIN INDENT                                            | <u>.023</u>                       | <u>.022</u> | <u>.023</u>             | 8-21-01 | DA      |
|                     | J) ASSEMBLE STOCK                                               |                                   |             |                         | 5-27-01 | CK      |
|                     | K) ASSEMBLE SWIVEL STUDS                                        |                                   |             |                         | 5/21/01 | DA      |
|                     | L) ATTACH FRONT AND REAR SIGHT ASSY'S                           |                                   |             |                         | 8/15/01 | DA      |
|                     | M) IRON SIGHT ALIGNMENT                                         |                                   |             |                         | 8/15/01 | DA      |
|                     | N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER |                                   |             |                         | 8/15/01 | DA      |
| 640                 | GALLERY TEST AND TARGET                                         |                                   |             |                         | 8/9/01  | RW      |
|                     | A) MALFUNCTIONS                                                 | Bot Release <sup>CRK</sup> STICKS |             |                         | 8/9/01  | RW      |
|                     | B) PIERCED PRIMERS                                              |                                   |             |                         | 8/9/01  | RW      |
| 645                 | INSPECT FOR LIVE AMMO                                           |                                   |             |                         | 8/9/01  | RW      |
| 655                 | FINAL INSPECTION A) HEADSPACE                                   |                                   |             |                         | 8-23-01 | DA      |
|                     | B) TRIGGER PULL                                                 | <u>2.53</u>                       | <u>2.57</u> | <u>2.54</u> <u>2.46</u> | 8/21/01 | DA      |
|                     | C) FUNCTION                                                     |                                   |             |                         | 8/21/01 | DA      |
| 660                 | PACK                                                            |                                   |             |                         | 8-24-01 | DA      |