

G657 713c  
Replacard  
G629 6708

## Repair Inquiry

Repair Number: RE00113238

Serial: G6296708 \*Model M24 SWS Center Fire  
Caliber: 7.62 NATO Produced: 12/09/2003

Repairman:

Status:

Closed 6/5/2006 1:19:21 PM

## Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: NATIONAL GUARD MARKSMANSHIP TNG UNIT

NATIONAL GUARD MARKSMANSHIP TNG UNIT

Address 1: BLDG 4900 CAMP J T ROBINSON

BLDG 4900 CAMP J T ROBINSON

Address 2: ATTN TSGT SEAN WALLACE

PO Box:

ATTN TSGT SEAN WALLACE

PO Box:

City: NORTH LITTLE ROCK

NORTH LITTLE ROCK

State: AR

Zip Code: 72199

Country: US

State: AR

Zip Code: 72199

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   |
| A017 | Scope Base            | 1   |
| A057 | Fit and Rear Sgt Base | 1   |

## Repair Search

Refresh

Close

nagletj

6/6/2006

7:55 AM

CAPS

NUM

INS

SCRL



Arms Services Repair ...

Part Search by Materi...

2 Microsoft Office O...



7:55 AM

Serial  
Number:

G6296708

Model: M24 SWS



RE00113238

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577136. \_\_0  
FILE DATE AND TIME: 07/14/2006 17:15

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.168 |
| The Average Y Centroid of the Five Target Set:              | -0.072 |
| The Average Point of Impact of the Five Target Set:         | 0.183  |
| The Average Mean Radius of the Five Target Set:             | 0.697  |
| The Distance from POA to Centroid Target #1:                | 0.561  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.805  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.421  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.288  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.451  |

SERIAL NUMBER: G6577136. \_\_0

TARGET NUMBER: 1

FILE DATE: 07/14/2006

FILE TIME: 17:15

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.348 | -1.257 |
| 2:     | -0.469 | -0.718 |
| 3:     | -0.063 | -0.470 |
| 4:     | -0.432 | -0.502 |
| 5:     | -0.441 | -0.201 |
| 6:     | 0.578  | -0.530 |
| 7:     | 0.463  | -0.038 |
| 8:     | -1.587 | -0.724 |
| 9:     | -1.092 | 0.250  |
| 10:    | -1.031 | 0.731  |

X CENTROID: -0.442

Y CENTROID: -0.346

POA TO CENTROID: 0.561

HORZ SPREAD: 2.165

VERT SPREAD: 1.988

GROUP SPREAD: 2.102

MIN RADIUS: 0.145

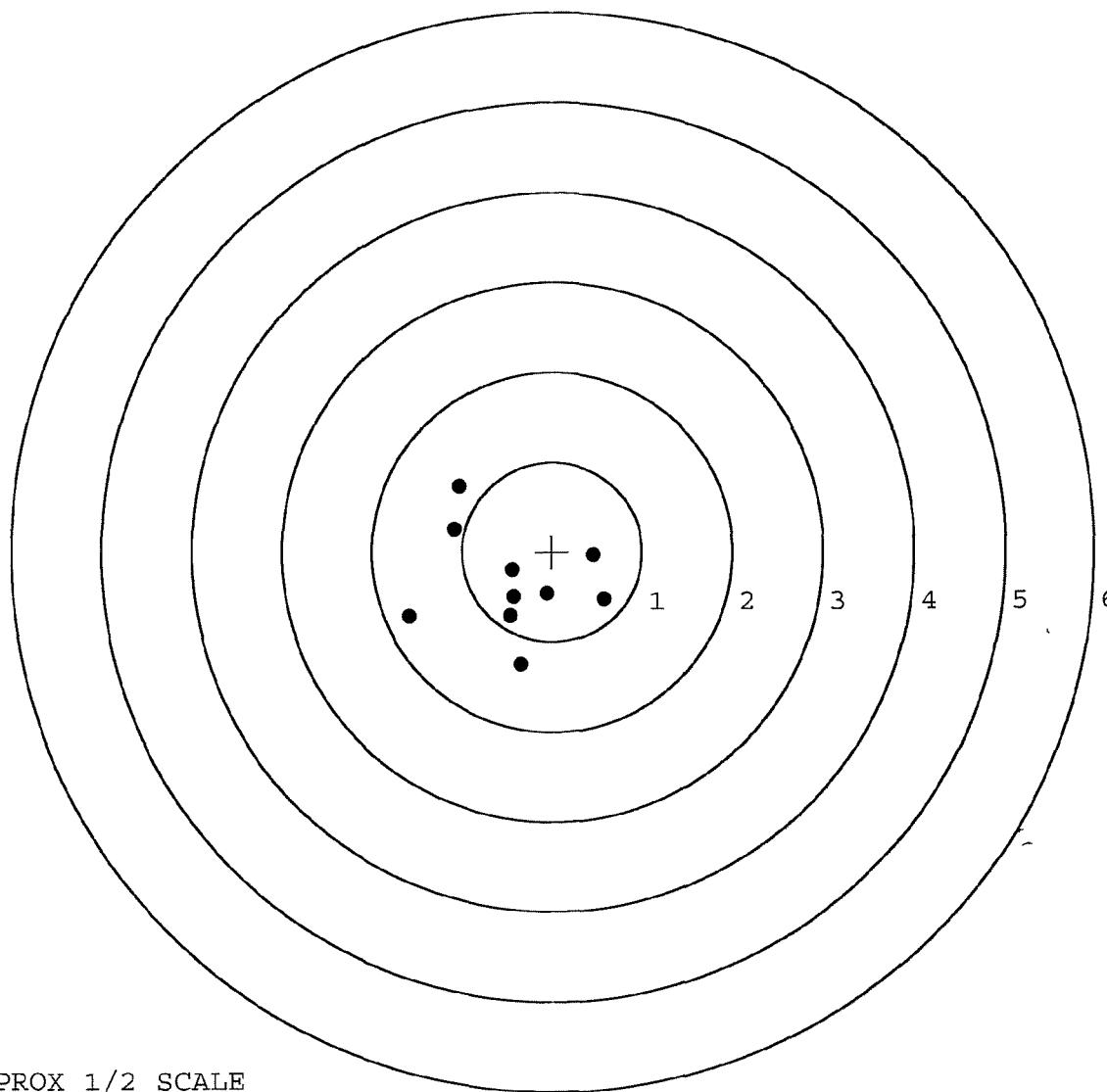
MAX RADIUS: 1.227

MEAN RADIUS: 0.730

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577136. \_\_ 0

TARGET NUMBER: 2

FILE DATE: 07/14/2006

FILE TIME: 17:15

X CENTROID: 0.122

Y CENTROID: 0.228

POA TO CENTROID: 0.259

HORZ SPREAD: 1.947

VERT SPREAD: 1.736

GROUP SPREAD: 2.287

MIN RADIUS: 0.119

MAX RADIUS: 1.260

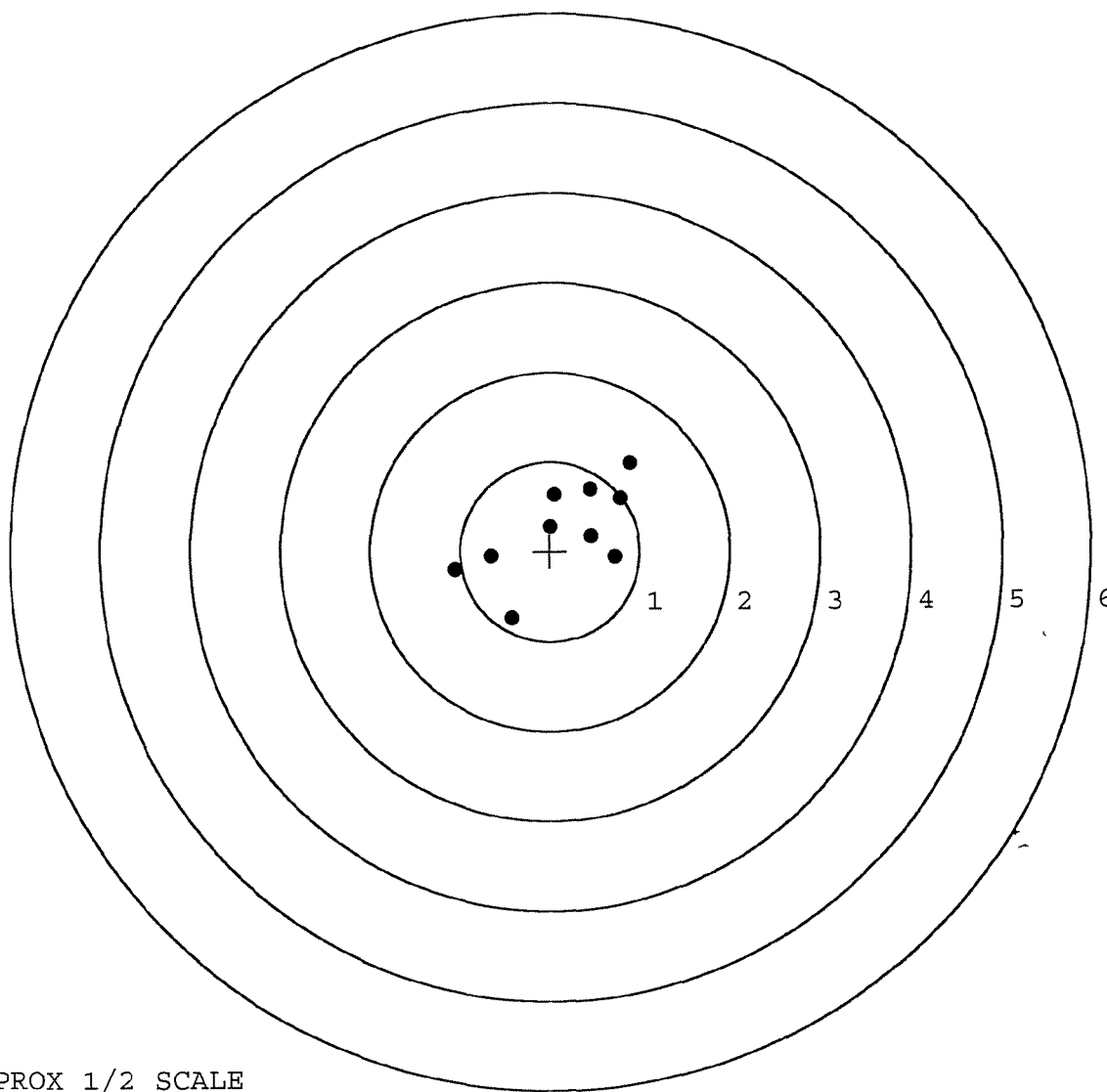
MEAN RADIUS: 0.715

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.887  | -0.992 |
| 2:     | 0.782  | 0.594  |
| 3:     | 0.452  | 0.699  |
| 4:     | 0.721  | -0.064 |
| 5:     | 0.459  | 0.168  |
| 6:     | 0.052  | 0.630  |
| 7:     | 0.011  | 0.271  |
| 8:     | -0.655 | -0.055 |
| 9:     | -0.429 | -0.744 |
| 10:    | -1.060 | -0.208 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577136. \_\_0

TARGET NUMBER: 3

FILE DATE: 07/14/2006

FILE TIME: 17:15

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.095  | 1.217  |
| 2:     | -0.131 | 0.341  |
| 3:     | 0.164  | 0.215  |
| 4:     | 0.621  | 0.254  |
| 5:     | 0.230  | -0.756 |
| 6:     | -0.135 | -0.945 |
| 7:     | -0.430 | -0.190 |
| 8:     | -0.602 | -0.002 |
| 9:     | -1.325 | -0.504 |
| 10:    | 0.038  | -0.078 |

X CENTROID: -0.147

Y CENTROID: -0.045

POA TO CENTROID: 0.154

HORZ SPREAD: 1.946

VERT SPREAD: 2.162

GROUP SPREAD: 2.231

MIN RADIUS: 0.188

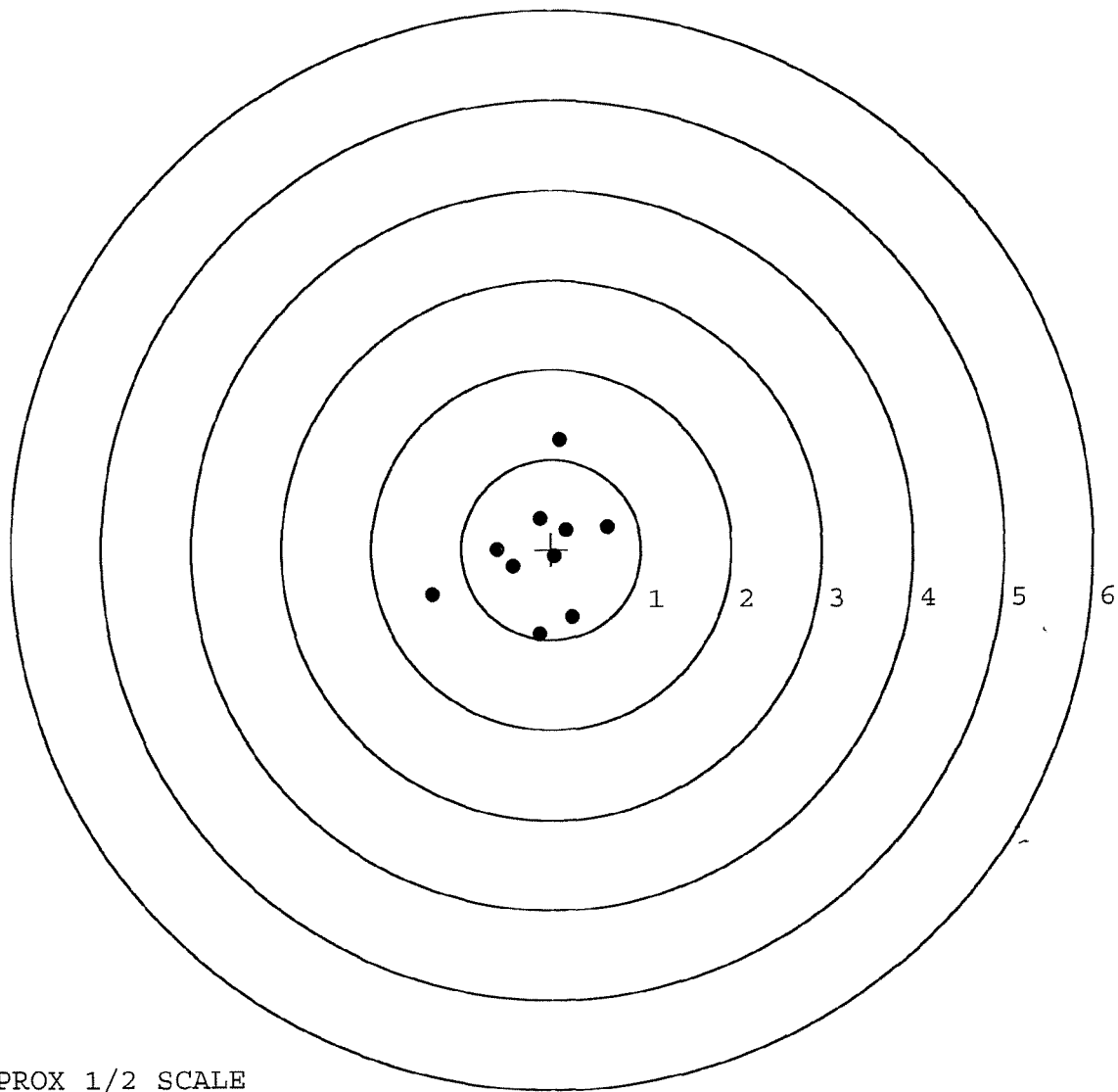
MAX RADIUS: 1.285

MEAN RADIUS: 0.683

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577136. \_\_0

TARGET NUMBER: 4

FILE DATE: 07/14/2006

FILE TIME: 17:15

X CENTROID: -0.314

Y CENTROID: -0.088

POA TO CENTROID: 0.326

HORZ SPREAD: 2.029

VERT SPREAD: 1.699

GROUP SPREAD: 2.285

MIN RADIUS: 0.206

MAX RADIUS: 1.281

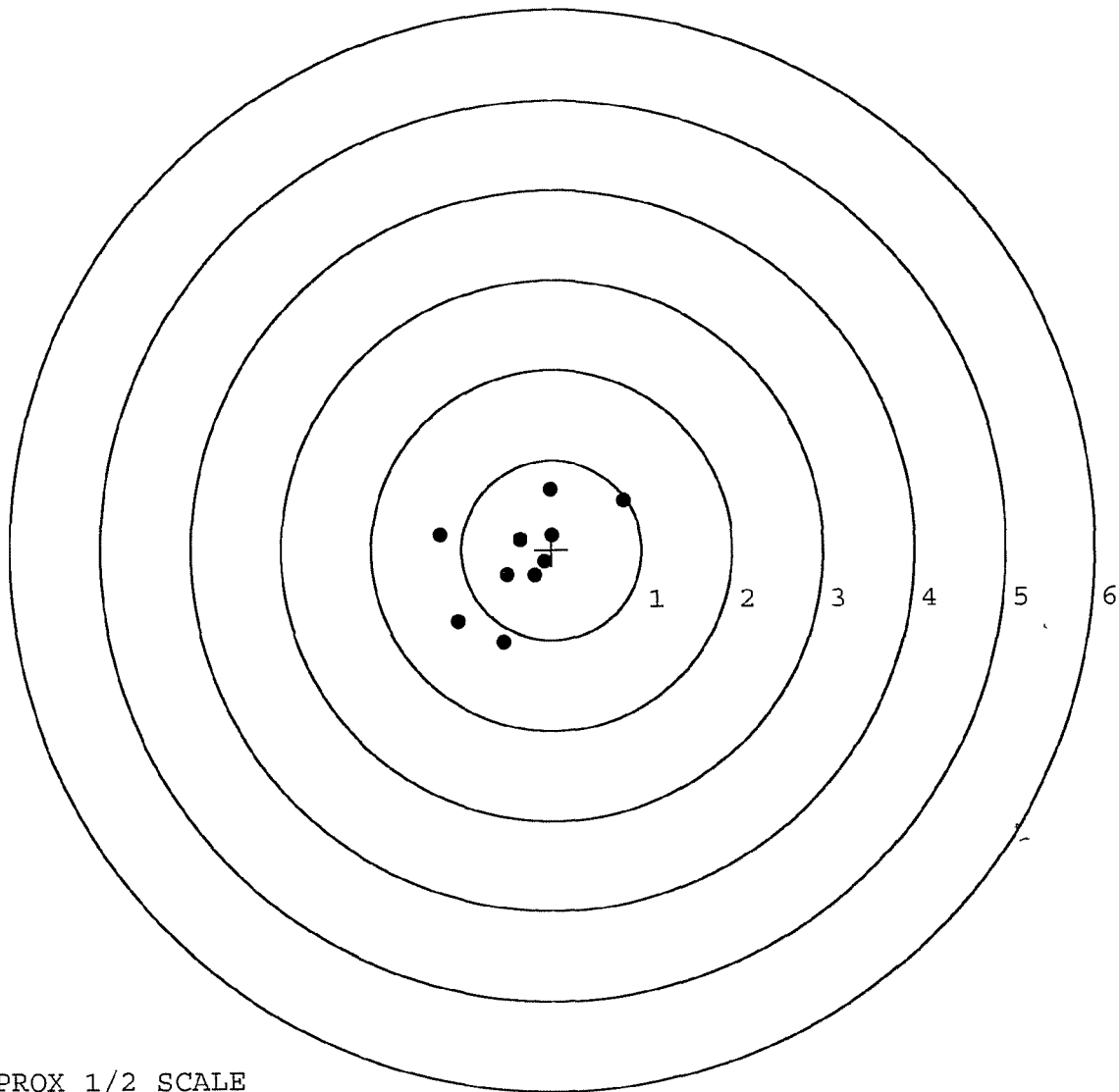
MEAN RADIUS: 0.639

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.536 | -1.031 |
| 2:     | -1.042 | -0.806 |
| 3:     | -0.498 | -0.286 |
| 4:     | -1.232 | 0.171  |
| 5:     | -0.190 | -0.288 |
| 6:     | -0.349 | 0.115  |
| 7:     | 0.010  | 0.161  |
| 8:     | -0.017 | 0.668  |
| 9:     | 0.797  | 0.550  |
| 10:    | -0.083 | -0.136 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577136. 0

TARGET NUMBER: 5

FILE DATE: 07/14/2006

FILE TIME: 17:15

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.446 | -0.889 |
| 2:     | -0.341 | -0.733 |
| 3:     | -0.186 | -0.496 |
| 4:     | 0.015  | -0.327 |
| 5:     | 0.600  | -0.415 |
| 6:     | 1.016  | -0.030 |
| 7:     | 0.466  | 0.405  |
| 8:     | -0.465 | -0.029 |
| 9:     | -0.301 | 0.649  |
| 10:    | -0.936 | 0.756  |

X CENTROID: -0.058

Y CENTROID: -0.111

POA TO CENTROID: 0.125

HORZ SPREAD: 1.952

VERT SPREAD: 1.645

GROUP SPREAD: 2.104

MIN RADIUS: 0.228

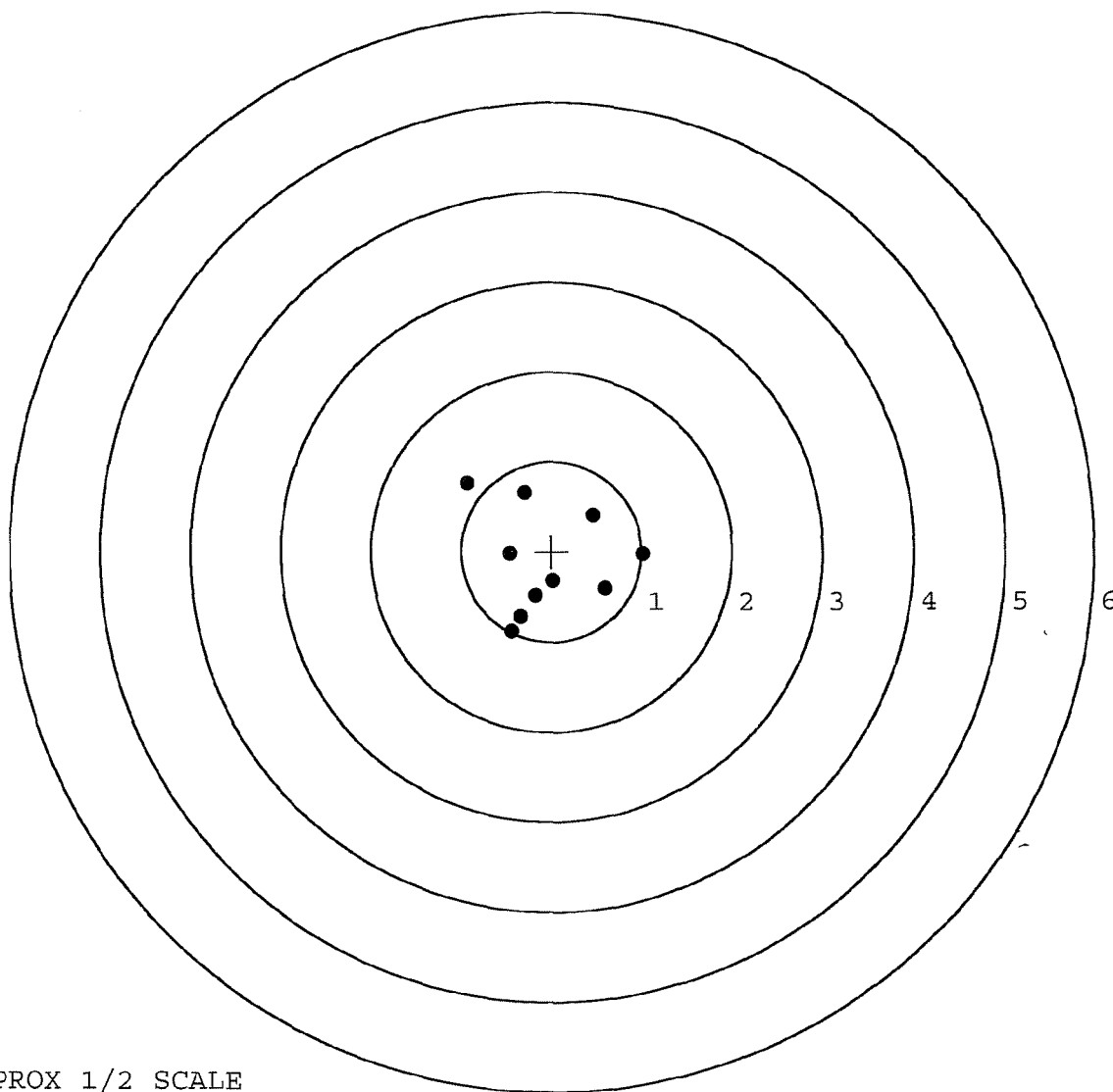
MAX RADIUS: 1.234

MEAN RADIUS: 0.717

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE



## INITIAL &amp; CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

DATE

7-5-06

TESTER

R.P.

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER 50<br>CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.62                | 2.27                        |                                   | 2.45  |          |
| PULL #2 | 2.50                | 2.31                        |                                   | 2.55  |          |
| PULL #3 | 2.43                | 2.27                        |                                   | 2.40  |          |
| PULL #4 | 2.49                | 2.47                        |                                   | 2.38  |          |
| PULL #5 | 2.49                | 2.44                        |                                   | 2.56  |          |
| TOTAL   | 12.53               | 11.76                       |                                   | 12.34 |          |
| AVERAGE | 2.50                | 2.35                        |                                   | 2.46  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER 20<br>CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.01                | 3.12                        |  |          |
| PULL #2 | 3.06                | 3.10                        |  |          |
| PULL #3 | 3.09                | 3.10                        |  |          |
| PULL #4 | 3.21                | 3.01                        |  |          |
| PULL #5 | 3.14                | 2.94                        |  |          |
| TOTAL   | 15.51               | 15.27                       |  |          |
| AVERAGE | 3.10                | 3.05                        |  |          |

|         | 4.00 LBS<br>INITIAL | 4.00 LBS AFTER 20<br>CYCLES | MAX SETTING GREATER<br>THAN 4 LBS | RESET TO 4 LBS FOR<br>TARGET & ACCURACY |
|---------|---------------------|-----------------------------|-----------------------------------|-----------------------------------------|
| PULL #1 | 4.09                | 3.93                        |                                   | 4.19                                    |
| PULL #2 | 4.17                | 4.17                        |                                   | 4.09                                    |
| PULL #3 | 3.98                | 4.22                        |                                   | 4.00                                    |
| PULL #4 | 3.85                | 4.13                        |                                   | 4.17                                    |
| PULL #5 | 4.08                | 4.13                        |                                   | 4.14                                    |
| TOTAL   | 20.17               | 20.58                       |                                   | 20.59                                   |
| AVERAGE | 4.03                | 4.11                        |                                   | 4.11                                    |

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

|               |                      |                                                                                                                                                 |                                     |            |
|---------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------|
| R & E NUMBER  | 113238               |                                                                                                                                                 |                                     |            |
| SERIAL NUMBER | G6296708             |                                                                                                                                                 | G6577136 (NEW)                      |            |
| LOG-IN DATE   | 6-5-06               |                                                                                                                                                 |                                     |            |
| OPERATION #   | OPERATION NAME       |                                                                                                                                                 | DATE                                | INITIAL    |
| 500           | DIS-ASSEMBLE GUN     |                                                                                                                                                 | 7-5-06                              | BLC        |
| 505           | RE-BARREL            |                                                                                                                                                 | 7-5-06                              | BLC        |
| 560           | ASSEMBLE             |                                                                                                                                                 | 7-5-06                              | BLC        |
| 600           | PROOF                | MAGNA-FLUX<br>INSPECTED                                                                                                                         | 7-5-06                              | WJH        |
| 605           | CHECK HEADSPACE      |                                                                                                                                                 | 7-5-06                              | WJH        |
| 610           | DIS-ASSEMBLE GUN     |                                                                                                                                                 | 7-6-06                              | BLC        |
| 612           | MAGNAFLUX            | OPERATOR <i>WJH</i>                                                                                                                             | 7/6/06                              | <i>WJH</i> |
| 510           | DRILL AND TAP        |                                                                                                                                                 | 7-6-06                              | TRG        |
| 615           | ROLLMARK CALIBER     |                                                                                                                                                 | 7-7-06                              | WJ         |
| 618           | ROTO-BLAST           |                                                                                                                                                 | 7-7-06                              | WJ         |
| 620           | APPLY COATINGS       |                                                                                                                                                 | 7/7                                 | HP         |
| 625           | FINAL ASSEMBLY       |                                                                                                                                                 | 7-11-06                             | BLC        |
| 640           | FUNCTION TEST AND    | PASS FAIL                                                                                                                                       | 7-14-06                             | R.P.D.     |
| 650           | TARGET               | PASS FAIL                                                                                                                                       | 7-14-06                             | R.P.D.     |
|               | MALFUNCTION          | CORRECTION                                                                                                                                      |                                     |            |
|               | MALFUNCTION          | CORRECTION                                                                                                                                      |                                     |            |
|               | MALFUNCTION          | CORRECTION                                                                                                                                      |                                     |            |
|               | MALFUNCTION          | CORRECTION                                                                                                                                      |                                     |            |
| 670           | FINAL INSPECTION     |                                                                                                                                                 | 7-27-06                             | AC         |
|               | A) HEADSPACE         | PASS FAIL                                                                                                                                       | 7-27-06                             | AC         |
|               | B) TRIGGER PULL      | <div style="border: 1px solid black; padding: 2px;">           +/- .5 LBS<br/>           MIN 2.50 LBS<br/>           MAX 4.0 LBS         </div> | 2.42 2.60 2.68 2.79 2.65<br>7-17-06 | RA         |
| 680           | F) SAFETY ON FORCE   | <div style="border: 1px solid black; padding: 2px;">           2 LBS MIN<br/>           10 LBS MAX         </div>                               | 7.0 7.0 7.0 7-17-06                 | RA         |
|               | G) SAFETY OFF FORCE  | <div style="border: 1px solid black; padding: 2px;">           2 LBS<br/>           MIN         </div>                                          | 5.0 5.0 5.0 7-17-06                 | RA         |
|               | I) FIRING PIN INDENT | .020                                                                                                                                            | .022 .023 .023 7-17-06              | RA         |
| 690           | PACK                 |                                                                                                                                                 | 8-1-06                              | RA         |

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)  
 BOLT ACTION CENTERFIRE RIFLE  
 24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker



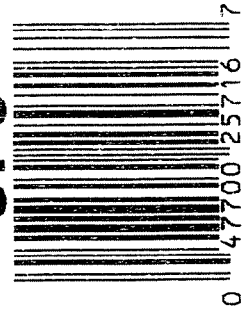
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6296708

UPC



VERY IMPORTANT  
(INSTRUMENT) - REMINGTON  
BOLT ACTION CENTERFIRE RIFLE  
24" BARREL 7.62 NATO

**Remington**

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)  
BOLT ACTION CENTERFIRE RIFLE  
24" BARREL 7.62 NATO

Serial No. 66296708  
Order No. 25716  
DD

5716 66296708

09XX

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC



ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC



SERIAL NO.



## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # 66296708

| OP #         | OPERATION NAME                                                 | READINGS            | DATE     | INITIAL |
|--------------|----------------------------------------------------------------|---------------------|----------|---------|
| 575 &<br>580 | ASSEMBLE ACTION<br>AND STOCK                                   |                     | 11-12-03 | RTL     |
| 600          | PROOF                                                          |                     |          |         |
| 607          | CHECK HEADSPACE                                                |                     |          |         |
| 610          | DIS-ASSEMBLE GUN                                               |                     | 11-13-03 | RTL     |
| 612          | MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT                         | BS                  |          |         |
| 615          | ROLLMARK CALIBER                                               |                     | 11-14-03 | BS      |
| 617          | DRILL AND TAP<br>SIGHT HOLES                                   |                     | 11-13-03 | TRL     |
| 620          | APPLY COATINGS<br>(BARREL ACTION)                              |                     |          |         |
|              | (BOLT)                                                         |                     |          |         |
| 625          | FINAL ASSEMBLY                                                 |                     |          |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                            |                     | 12-1-03  | DA      |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD |                     | 12-1-03  | DA      |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                         |                     | 12-1-03  | DA      |
|              | D) OIL FIRING PIN ASSEMBLY                                     |                     | 12-1-03  | DA      |
|              | E) ADJUST TRIGGER PULL<br>TO MIN. SETTING AND<br>STAKE         | 2.50 LBS +/- .5 LBS |          |         |



| OP #  | OPERATION NAME                                                           | READINGS                                                    | DATE    | INITIAL |
|-------|--------------------------------------------------------------------------|-------------------------------------------------------------|---------|---------|
| 625   | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>8.5</u> <u>8</u> <u>8</u>                                | 12/4/03 | RCW     |
| CONT. |                                                                          |                                                             |         |         |
|       | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>2</u> <u>2</u> <u>2</u>                                  | 12/4/03 | RCW     |
|       | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             |         |         |
|       | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>1.0735</u> <u>1.074</u> <u>1.074</u>                     | 12/4/03 | RCW     |
|       | J) ASSEMBLE STOCK                                                        |                                                             | 12-1-03 | RTC     |
|       | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 12-8-03 | RTC     |
|       | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 12-1-03 | RTC     |
|       | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 12-1-03 | RTC     |
|       | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 12-1-03 | RTC     |
| 640   | GALLERY TEST AND<br>TARGET                                               | PASS FAIL                                                   | 12-2-03 | A       |
|       | MALFUNCTION                                                              | CORRECTION                                                  | 12-2-03 | A       |
|       | MALFUNCTION                                                              | CORRECTION                                                  | 12-2-03 | A       |
|       | MALFUNCTION                                                              | CORRECTION                                                  | 12-2-03 | A       |
|       | MALFUNCTION                                                              | CORRECTION                                                  | 12-2-03 | A       |
| 645   | INSPECT FOR LIVE AMMO                                                    |                                                             | 12-2-03 | A       |
| 655   | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 12-8-03 | RTC     |
|       | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.82</u> <u>2.81</u> <u>2.80</u> <u>2.76</u> <u>2.57</u> | 12/4/03 | RCW     |
|       | C) FUNCTION                                                              |                                                             | 12-8-03 | RTC     |
| 660   | PACK                                                                     |                                                             | 12/8/03 | RTA     |

INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

DATE 11-5-03

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 | 2.39                | 2.51                        |                                   | 2.35  |          |
| PULL #2 | 2.32                | 2.39                        |                                   | 2.27  |          |
| PULL #3 | 2.57                | 2.29                        |                                   | 2.35  |          |
| PULL #4 | 2.64                | 2.43                        |                                   | 2.18  |          |
| PULL #5 | 2.32                | 2.18                        |                                   | 2.20  |          |
| TOTAL   | 12.24               | 11.80                       |                                   | 11.35 |          |
| AVERAGE | 2.44                | 2.36                        |                                   | 2.27  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.40                | 3.05                        |  |          |
| PULL #2 | 3.29                | 3.01                        |  |          |
| PULL #3 | 3.15                | 3.06                        |  |          |
| PULL #4 | 3.19                | 2.93                        |  |          |
| PULL #5 | 3.10                | 2.99                        |  |          |
| TOTAL   | 16.13               | 15.04                       |  |          |
| AVERAGE | 3.22                | 3.00                        |  |          |

|         | 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 | 4.33                | 4.35                        |                                   | 4.27                                    |
| PULL #2 | 4.10                | 4.20                        |                                   | 4.30                                    |
| PULL #3 | 4.03                | 4.19                        |                                   | 4.45                                    |
| PULL #4 | 4.04                | 4.16                        |                                   | 4.19                                    |
| PULL #5 | 4.14                | 4.29                        |                                   | 4.10                                    |
| TOTAL   | 20.64               | 21.19                       |                                   | 21.31                                   |
| AVERAGE | 4.12                | 4.23                        |                                   | 4.26                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296708.\_\_\_0  
FILE DATE AND TIME: 12/02/2003 11:31

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.020 |
| The Average Y Centroid of the Five Target Set:              | 0.242  |
| The Average Point of Impact of the Five Target Set:         | 0.243  |
| The Average Mean Radius of the Five Target Set:             | 0.823  |
| The Distance from POA to Centroid Target #1:                | 0.145  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.303  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.242  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.182  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.127  |



SERIAL NUMBER: G6296708. \_\_0

TARGET NUMBER: 1

FILE DATE: 12/02/2003

FILE TIME: 11:31

X CENTROID: -0.052

Y CENTROID: 0.135

POA TO CENTROID: 0.145

HORZ SPREAD: 1.851

VERT SPREAD: 1.801

GROUP SPREAD: 2.302

MIN RADIUS: 0.270

MAX RADIUS: 1.203

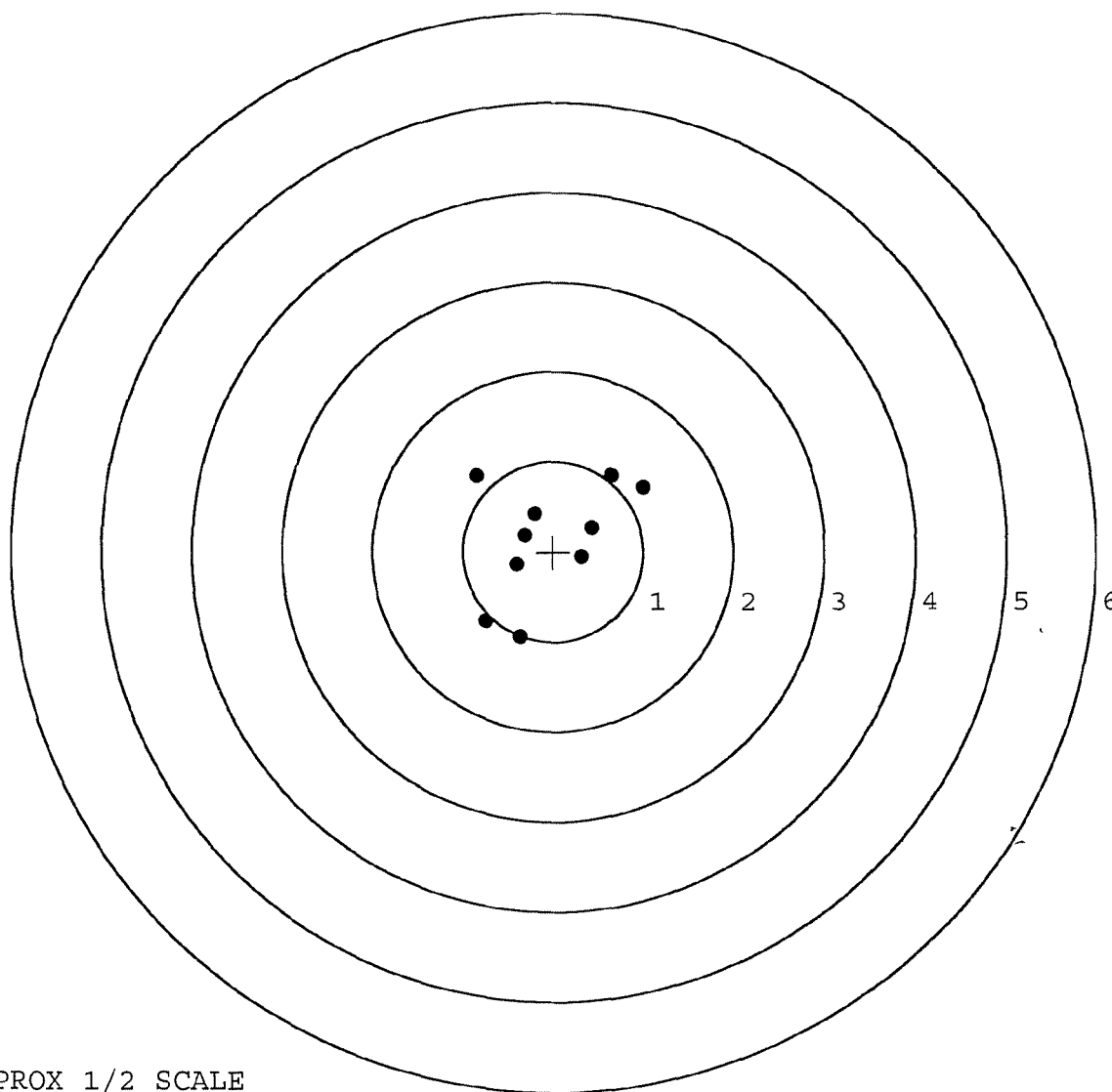
MEAN RADIUS: 0.752

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 5

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.650  | -0.850 |
| 2:     | 1.000  | 0.719  |
| 3:     | 0.430  | 0.273  |
| 4:     | 0.314  | -0.056 |
| 5:     | -0.213 | 0.426  |
| 6:     | -0.318 | 0.183  |
| 7:     | -0.411 | -0.146 |
| 8:     | -0.851 | 0.834  |
| 9:     | -0.748 | -0.779 |
| 10:    | -0.372 | -0.951 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296708. \_\_0

TARGET NUMBER: 2

FILE DATE: 12/02/2003

FILE TIME: 11:31

X CENTROID: -0.181

Y CENTROID: 0.409

POA TO CENTROID: 0.448

HORZ SPREAD: 2.142

VERT SPREAD: 2.797

GROUP SPREAD: 2.837

MIN RADIUS: 0.327

MAX RADIUS: 1.433

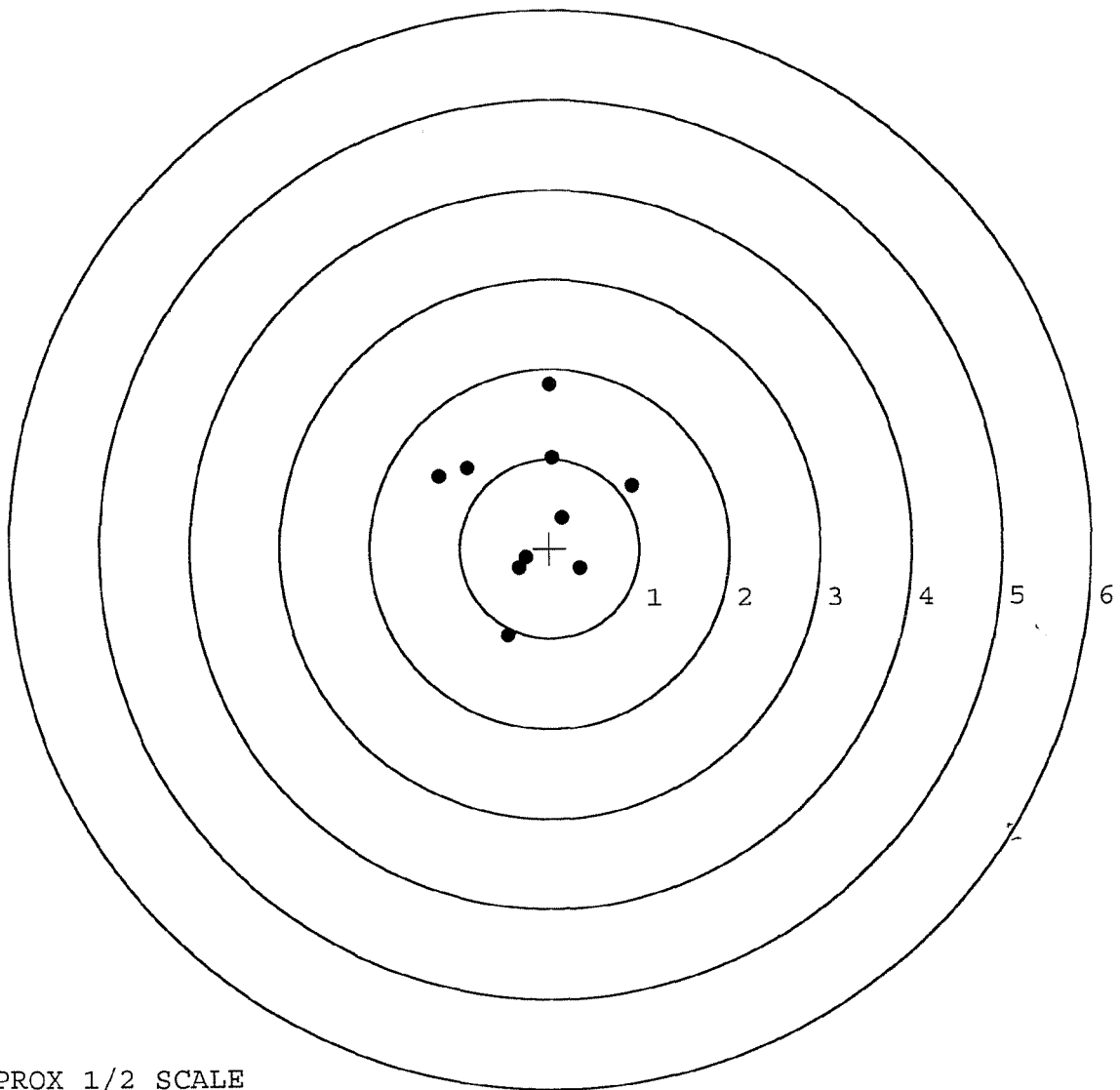
MEAN RADIUS: 0.892

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.914  | -0.701 |
| 2:     | 0.005  | 1.830  |
| 3:     | 0.028  | 1.016  |
| 4:     | -0.917 | 0.901  |
| 5:     | -1.228 | 0.805  |
| 6:     | -0.470 | -0.967 |
| 7:     | -0.345 | -0.217 |
| 8:     | 0.336  | -0.217 |
| 9:     | -0.273 | -0.102 |
| 10:    | 0.139  | 0.343  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296708. \_\_0

TARGET NUMBER: 3

FILE DATE: 12/02/2003

FILE TIME: 11:31

X CENTROID: 0.113

Y CENTROID: 0.312

POA TO CENTROID: 0.332

HORZ SPREAD: 2.096

VERT SPREAD: 2.707

GROUP SPREAD: 2.753

MIN RADIUS: 0.112

MAX RADIUS: 1.661

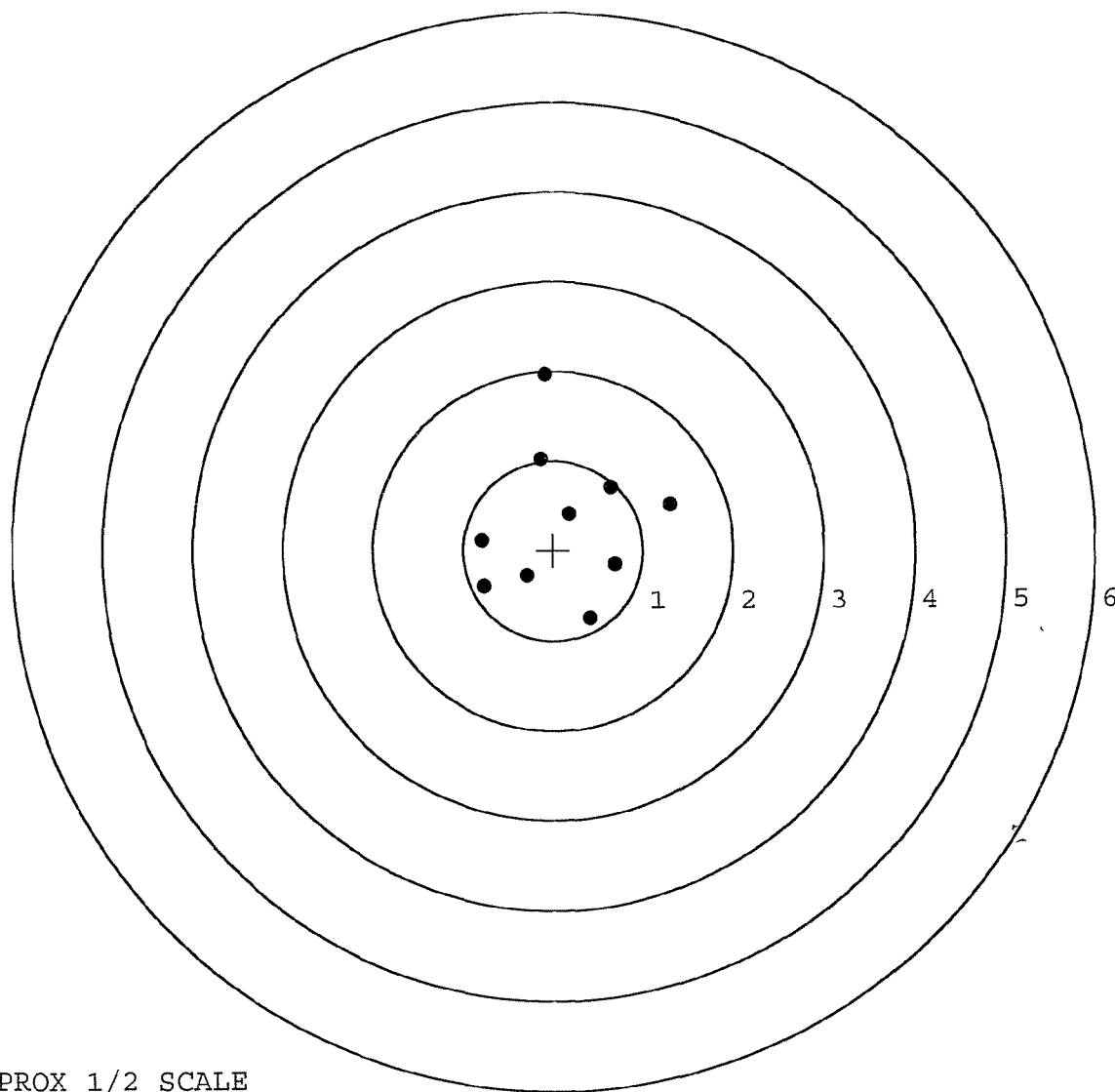
MEAN RADIUS: 0.901

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.091 | -1.960 |
| 2:     | -0.136 | 1.014  |
| 3:     | 0.641  | 0.704  |
| 4:     | 1.304  | 0.502  |
| 5:     | 0.174  | 0.406  |
| 6:     | 0.692  | -0.160 |
| 7:     | 0.412  | -0.747 |
| 8:     | -0.297 | -0.282 |
| 9:     | -0.773 | -0.398 |
| 10:    | -0.792 | 0.117  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296708. \_\_0

TARGET NUMBER: 4

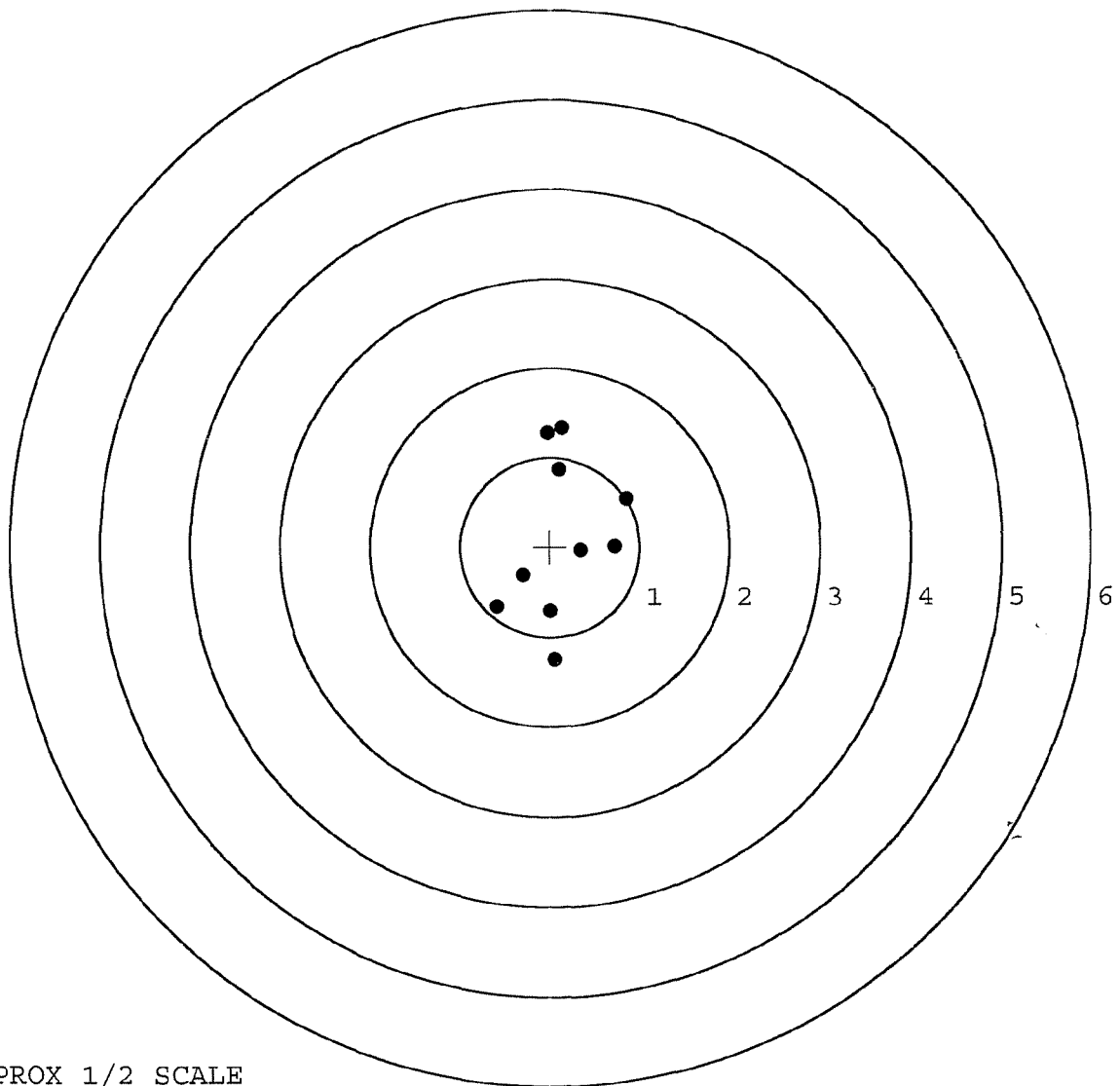
FILE DATE: 12/02/2003

FILE TIME: 11:31

X CENTROID: 0.128  
 Y CENTROID: 0.103  
 POA TO CENTROID: 0.164  
 HORZ SPREAD: 1.447  
 VERT SPREAD: 2.587  
 GROUP SPREAD: 2.588  
 MIN RADIUS: 0.260  
 MAX RADIUS: 1.361  
 MEAN RADIUS: 0.872

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.137  | -1.331 |
| 2:     | 0.101  | 0.864  |
| 3:     | 0.849  | 0.544  |
| 4:     | 0.722  | 0.012  |
| 5:     | 0.346  | -0.038 |
| 6:     | -0.306 | -0.317 |
| 7:     | -0.598 | -0.664 |
| 8:     | -0.004 | -0.715 |
| 9:     | 0.055  | -1.256 |
| 10:    | -0.027 | 1.267  |

# IN 1 IN DIAMETER: 1  
 # IN 2 IN DIAMETER: 6  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296708. \_\_0

TARGET NUMBER: 5

FILE DATE: 12/02/2003

FILE TIME: 11:31

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.009  | -1.082 |
| 2:     | 0.106  | 0.798  |
| 3:     | 0.638  | 0.589  |
| 4:     | -0.487 | 1.051  |
| 5:     | -0.193 | 0.296  |
| 6:     | -0.894 | 0.249  |
| 7:     | -0.517 | -0.141 |
| 8:     | -0.273 | -0.225 |
| 9:     | 0.113  | -0.252 |
| 10:    | 0.433  | -0.949 |

X CENTROID: -0.106

Y CENTROID: 0.250

POA TO CENTROID: 0.272

HORZ SPREAD: 1.532

VERT SPREAD: 2.031

GROUP SPREAD: 2.201

MIN RADIUS: 0.098

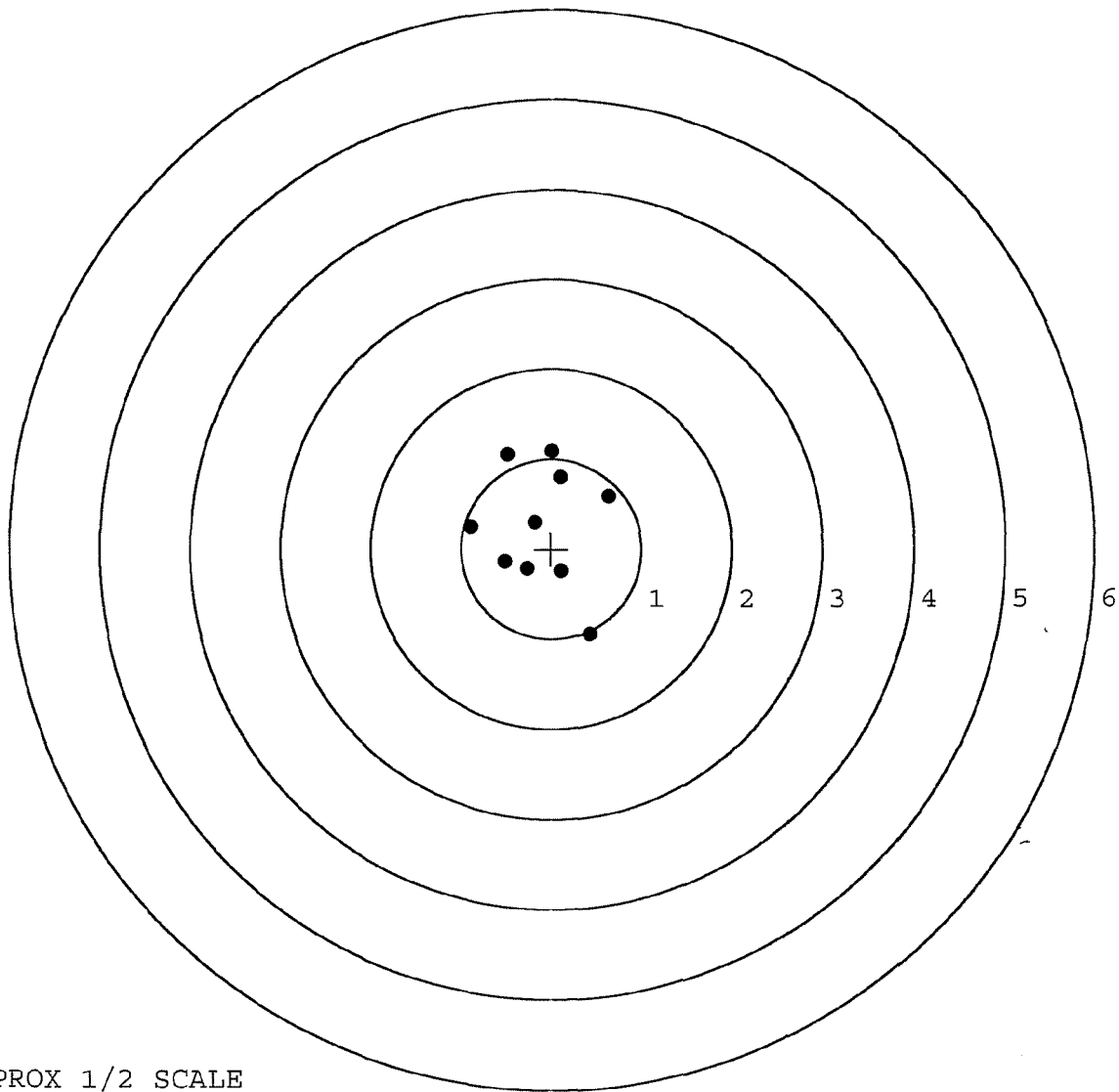
MAX RADIUS: 1.315

MEAN RADIUS: 0.695

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE