

C6225455

MODEL 700<sup>TM</sup> M24

Model **SMS**<sup>TM</sup>

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.

**Remington**<sup>®</sup>

# Remington®



VERY IMPORTANT:  
Instruction Book  
enclosed to assure  
safe use of this  
firearm.

MODEL 700™ H24

SERIAL NO.

C6225455

ORDER NO.

5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.

20



5716 C6225455

UPC



0 47700 25716 7

Repair Inquiry

Repair Number: RE00124583

Serial: C6225455 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

New 1/31/2007 2:54:46 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: B2/7 SFG(A)

B2/7 SFG(A)

Address 1:

Address 2:

PO Box:

City: FT. BRAGG

State: NC

Zip Code: 28310

Country: US

FT. BRAGG

PO Box:

State: NC

Zip Code: 28310

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition

Notes:

CSR

Notes:

Accessories Received

| Code | Desc                  | Qty |
|------|-----------------------|-----|
| A007 | With Stud             | 3   |
| A010 | Hard Case             | 1   |
| A017 | Scope Base            | 1   |
| A026 | Scope                 | 1   |
| A045 | Bi Pod                | 1   |
| A057 | Fit and Rear Sgt Base | 2   |

Repair Search

Refresh

Close

nagletj

1/31/2007

3:05 PM

CAPS

NUM

INS

SCPL



Serial Number: C6225455

Model: M24 SWS



RE00124583

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

**M2400061208**

**M2400061209**

DD FORM 1348-1A, JUL 91 (EG) ISSUE RELEASE/RECEIPT DOCUMENT

**PREVIOUS EDITION MAY BE USED**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225455.\_\_0  
FILE DATE AND TIME: 03/06/2007 11:50

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.013 |
| The Average Y Centroid of the Five Target Set:              | 0.062  |
| The Average Point of Impact of the Five Target Set:         | 0.063  |
| The Average Mean Radius of the Five Target Set:             | 0.957  |
| The Distance from POA to Centroid Target #1:                | 0.019  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.121  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.185  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.305  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.130  |

SERIAL NUMBER: C6225455. \_\_0

TARGET NUMBER: 1

FILE DATE: 03/06/2007

FILE TIME: 11:50

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

|    |        |       |
|----|--------|-------|
| 1: | -0.348 | 1.135 |
|----|--------|-------|

|    |       |        |
|----|-------|--------|
| 2: | 1.280 | -0.244 |
|----|-------|--------|

|    |        |        |
|----|--------|--------|
| 3: | -0.034 | -0.569 |
|----|--------|--------|

|    |        |        |
|----|--------|--------|
| 4: | -0.513 | -0.476 |
|----|--------|--------|

|    |        |        |
|----|--------|--------|
| 5: | -0.432 | -0.293 |
|----|--------|--------|

|    |        |       |
|----|--------|-------|
| 6: | -0.715 | 0.263 |
|----|--------|-------|

|    |       |       |
|----|-------|-------|
| 7: | 0.454 | 0.386 |
|----|-------|-------|

|    |        |       |
|----|--------|-------|
| 8: | -0.092 | 0.275 |
|----|--------|-------|

|    |       |        |
|----|-------|--------|
| 9: | 0.270 | -0.191 |
|----|-------|--------|

|     |        |        |
|-----|--------|--------|
| 10: | -0.046 | -0.205 |
|-----|--------|--------|

X CENTROID: -0.018

Y CENTROID: 0.008

POA TO CENTROID: 0.019

HORZ SPREAD: 1.995

VERT SPREAD: 1.704

GROUP SPREAD: 2.134

MIN RADIUS: 0.215

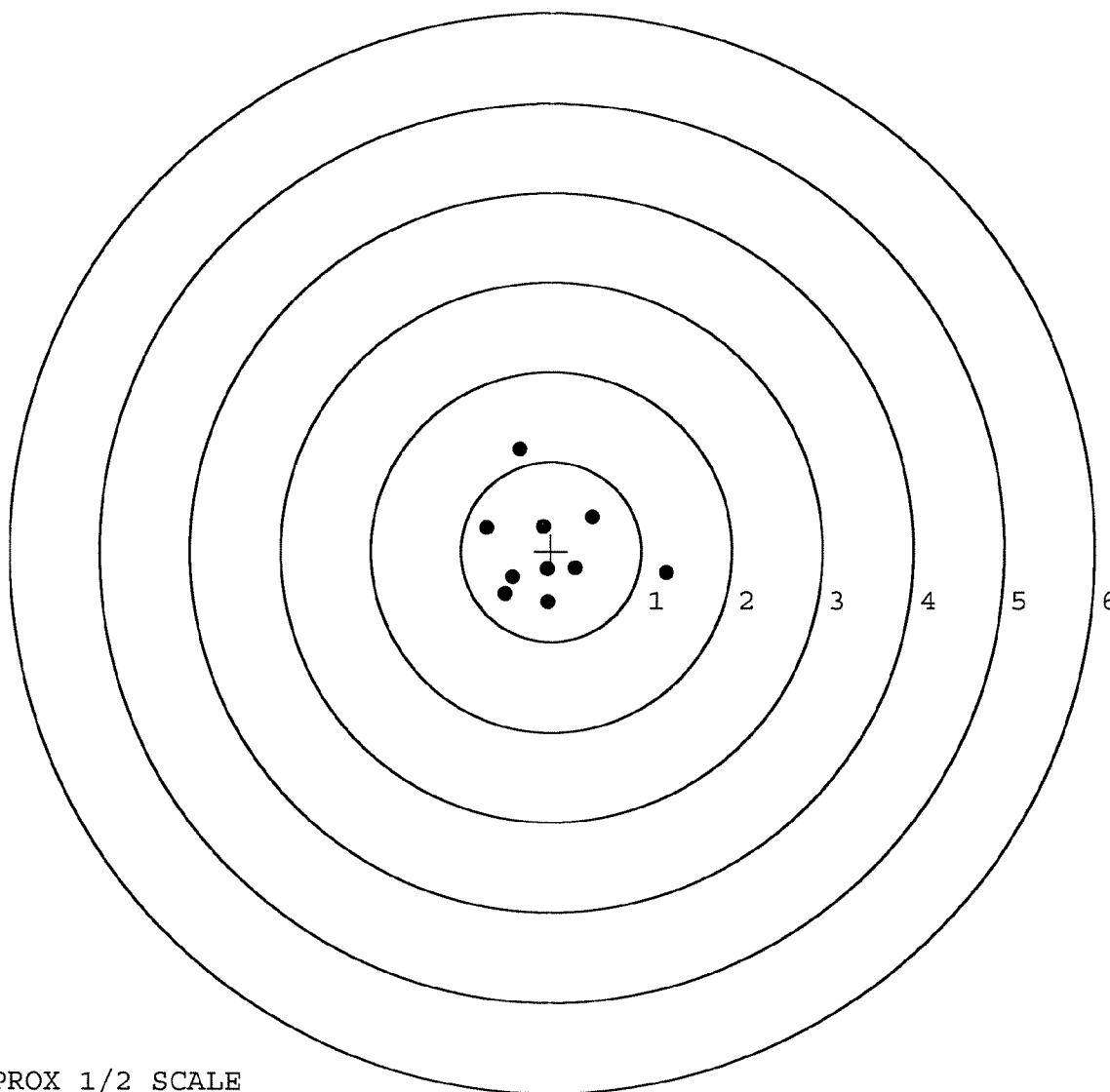
MAX RADIUS: 1.322

MEAN RADIUS: 0.647

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225455. \_\_0

TARGET NUMBER: 2

FILE DATE: 03/06/2007

FILE TIME: 11:50

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.578 | 1.155  |
| 2:     | -1.209 | 0.656  |
| 3:     | -0.813 | 0.338  |
| 4:     | -0.249 | 0.311  |
| 5:     | 0.586  | 0.399  |
| 6:     | -0.321 | -0.160 |
| 7:     | -0.610 | -0.556 |
| 8:     | 0.927  | -0.938 |
| 9:     | 1.374  | -0.915 |
| 10:    | 1.524  | -1.116 |

X CENTROID: 0.063

Y CENTROID: -0.083

POA TO CENTROID: 0.104

HORZ SPREAD: 2.733

VERT SPREAD: 2.271

GROUP SPREAD: 3.257

MIN RADIUS: 0.392

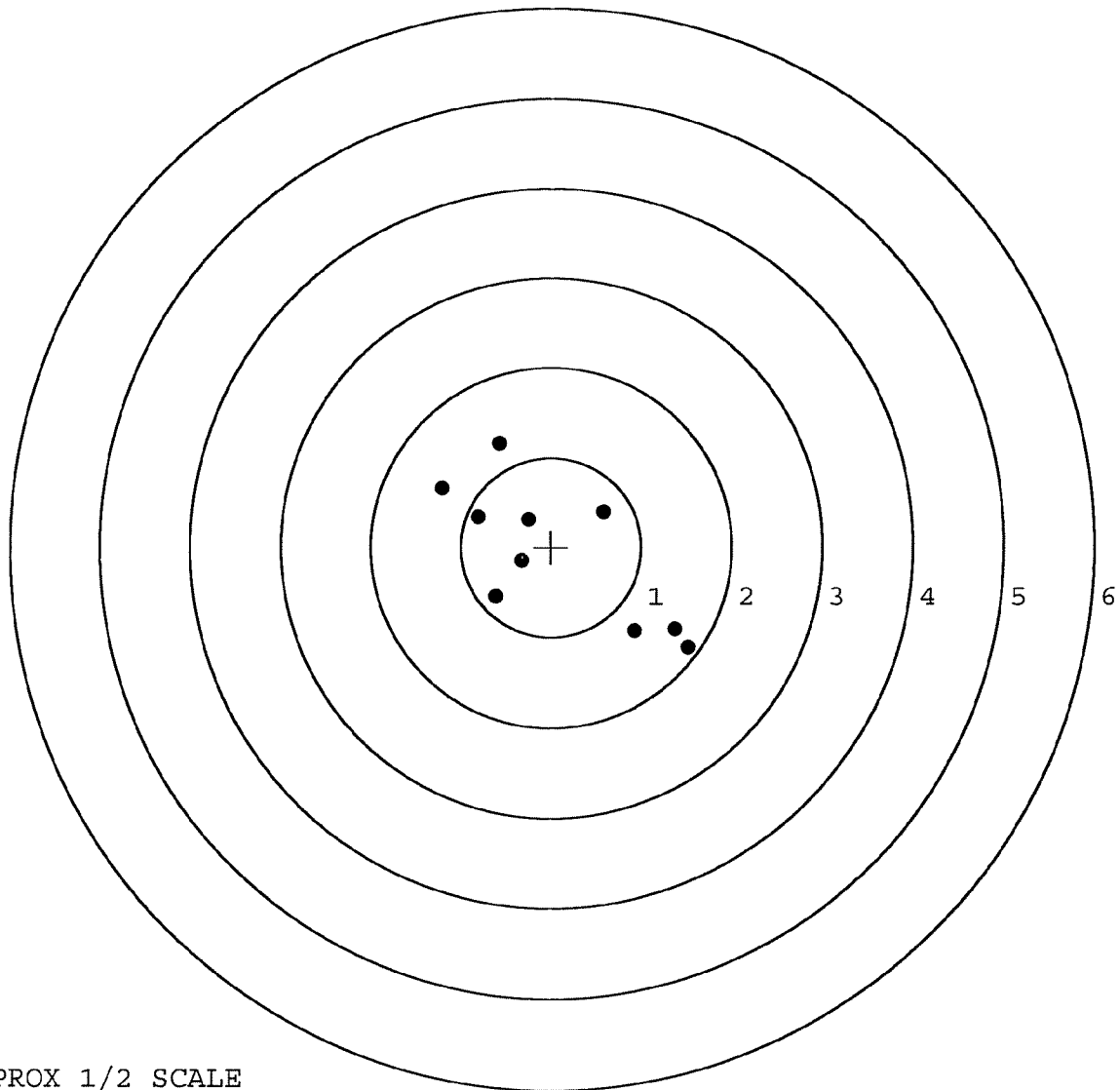
MAX RADIUS: 1.789

MEAN RADIUS: 1.082

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 5

# in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE



SERIAL NUMBER: C6225455. \_\_0

TARGET NUMBER: 3

FILE DATE: 03/06/2007

FILE TIME: 11:50

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

|    |       |        |
|----|-------|--------|
| 1: | 1.302 | -0.657 |
|----|-------|--------|

|    |       |        |
|----|-------|--------|
| 2: | 0.450 | -0.524 |
|----|-------|--------|

|    |       |        |
|----|-------|--------|
| 3: | 0.835 | -0.236 |
|----|-------|--------|

|    |       |        |
|----|-------|--------|
| 4: | 0.298 | -0.073 |
|----|-------|--------|

|    |        |       |
|----|--------|-------|
| 5: | -0.099 | 0.242 |
|----|--------|-------|

|    |        |        |
|----|--------|--------|
| 6: | -0.210 | -0.114 |
|----|--------|--------|

|    |        |       |
|----|--------|-------|
| 7: | -0.865 | 0.114 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 8: | -1.633 | 0.866 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 9: | -2.215 | 1.126 |
|----|--------|-------|

|     |       |       |
|-----|-------|-------|
| 10: | 0.274 | 0.101 |
|-----|-------|-------|

X CENTROID: -0.186

Y CENTROID: 0.085

POA TO CENTROID: 0.205

HORZ SPREAD: 3.517

VERT SPREAD: 1.783

GROUP SPREAD: 3.943

MIN RADIUS: 0.180

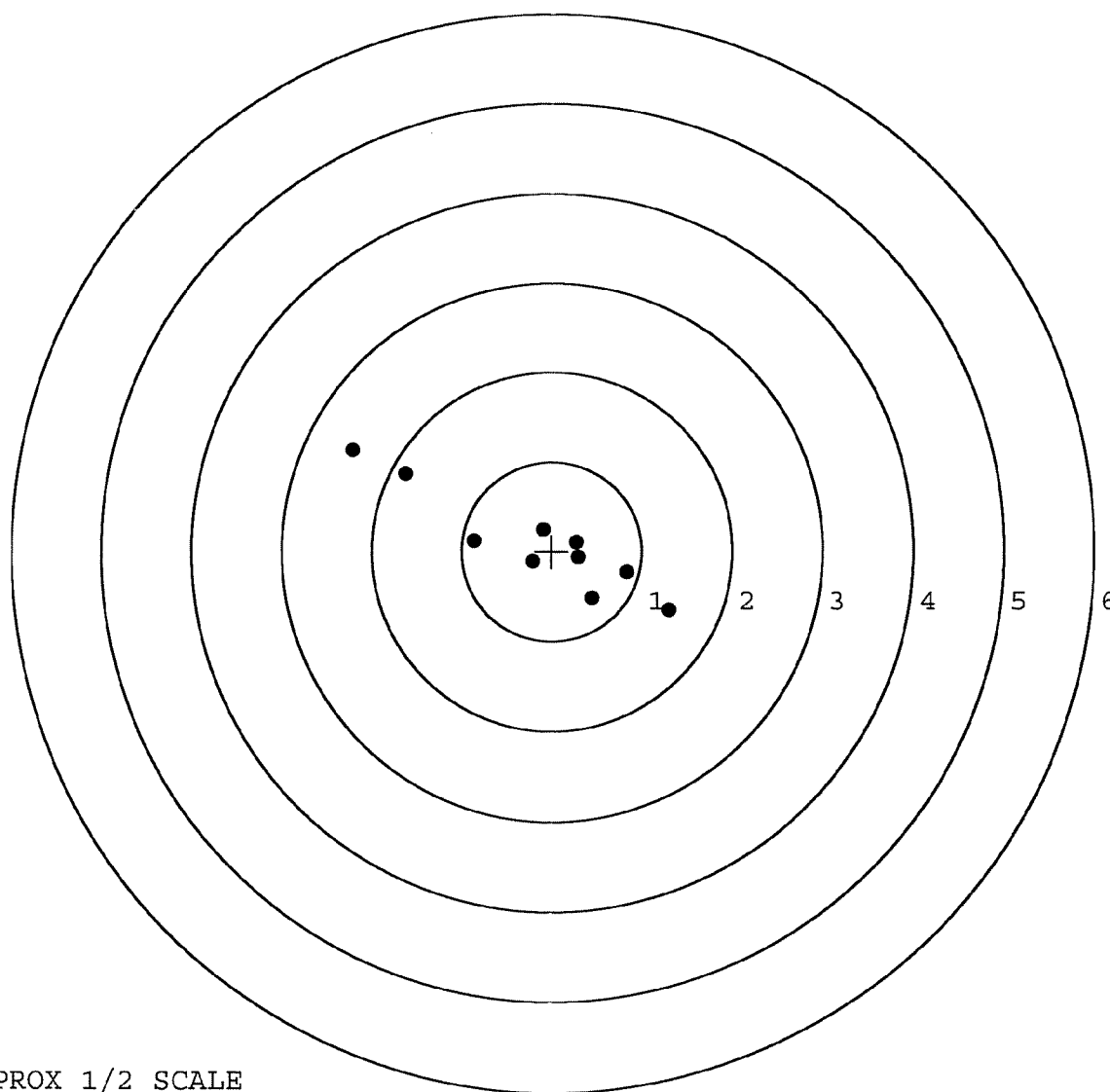
MAX RADIUS: 2.280

MEAN RADIUS: 0.957

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225455. \_\_0

TARGET NUMBER: 4

FILE DATE: 03/06/2007

FILE TIME: 11:50

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

|    |        |       |
|----|--------|-------|
| 1: | -0.405 | 1.248 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 2: | -0.497 | 1.097 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 3: | -0.045 | 0.895 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 4: | -0.479 | 0.622 |
|----|--------|-------|

|    |       |       |
|----|-------|-------|
| 5: | 0.058 | 0.455 |
|----|-------|-------|

|    |       |        |
|----|-------|--------|
| 6: | 0.056 | -0.042 |
|----|-------|--------|

|    |        |        |
|----|--------|--------|
| 7: | -0.438 | -0.159 |
|----|--------|--------|

|    |       |        |
|----|-------|--------|
| 8: | 0.565 | -0.885 |
|----|-------|--------|

|    |       |        |
|----|-------|--------|
| 9: | 0.963 | -0.653 |
|----|-------|--------|

|     |       |        |
|-----|-------|--------|
| 10: | 2.253 | -0.396 |
|-----|-------|--------|

X CENTROID: 0.203

Y CENTROID: 0.218

POA TO CENTROID: 0.298

HORZ SPREAD: 2.750

VERT SPREAD: 2.133

GROUP SPREAD: 3.129

MIN RADIUS: 0.278

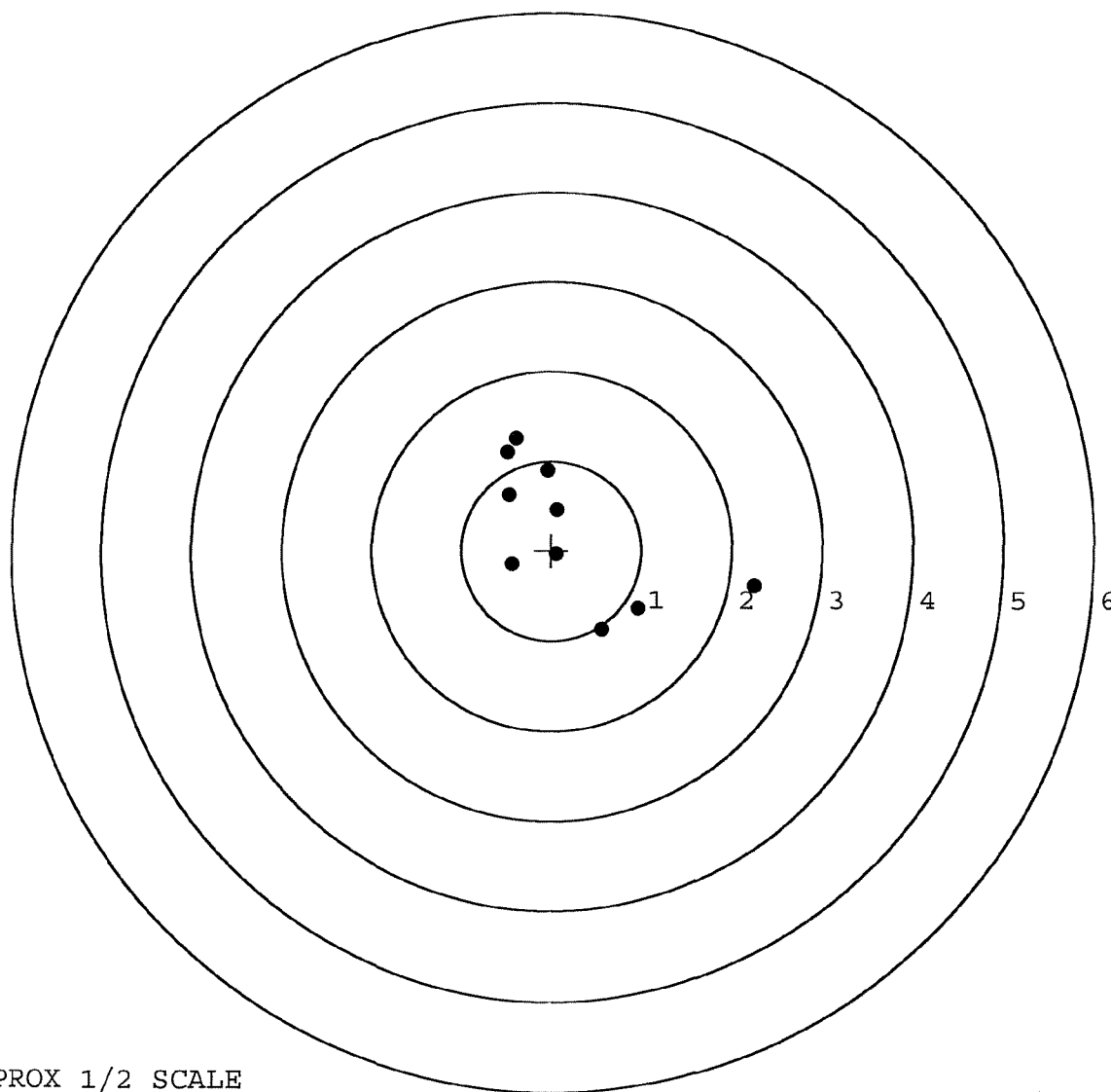
MAX RADIUS: 2.140

MEAN RADIUS: 0.961

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 5

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225455. \_\_0

TARGET NUMBER: 5

FILE DATE: 03/06/2007

FILE TIME: 11:50

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

|    |       |        |
|----|-------|--------|
| 1: | 0.465 | -1.073 |
|----|-------|--------|

|    |       |        |
|----|-------|--------|
| 2: | 0.349 | -0.820 |
|----|-------|--------|

|    |       |        |
|----|-------|--------|
| 3: | 1.093 | -0.631 |
|----|-------|--------|

|    |        |        |
|----|--------|--------|
| 4: | -0.062 | -0.593 |
|----|--------|--------|

|    |       |        |
|----|-------|--------|
| 5: | 0.309 | -0.309 |
|----|-------|--------|

|    |       |       |
|----|-------|-------|
| 6: | 0.747 | 0.142 |
|----|-------|-------|

|    |        |       |
|----|--------|-------|
| 7: | -0.797 | 0.589 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 8: | -0.883 | 1.102 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 9: | -0.488 | 1.326 |
|----|--------|-------|

|     |        |       |
|-----|--------|-------|
| 10: | -2.002 | 1.060 |
|-----|--------|-------|

X CENTROID: -0.127

Y CENTROID: 0.079

POA TO CENTROID: 0.150

HORZ SPREAD: 3.095

VERT SPREAD: 2.399

GROUP SPREAD: 3.527

MIN RADIUS: 0.584

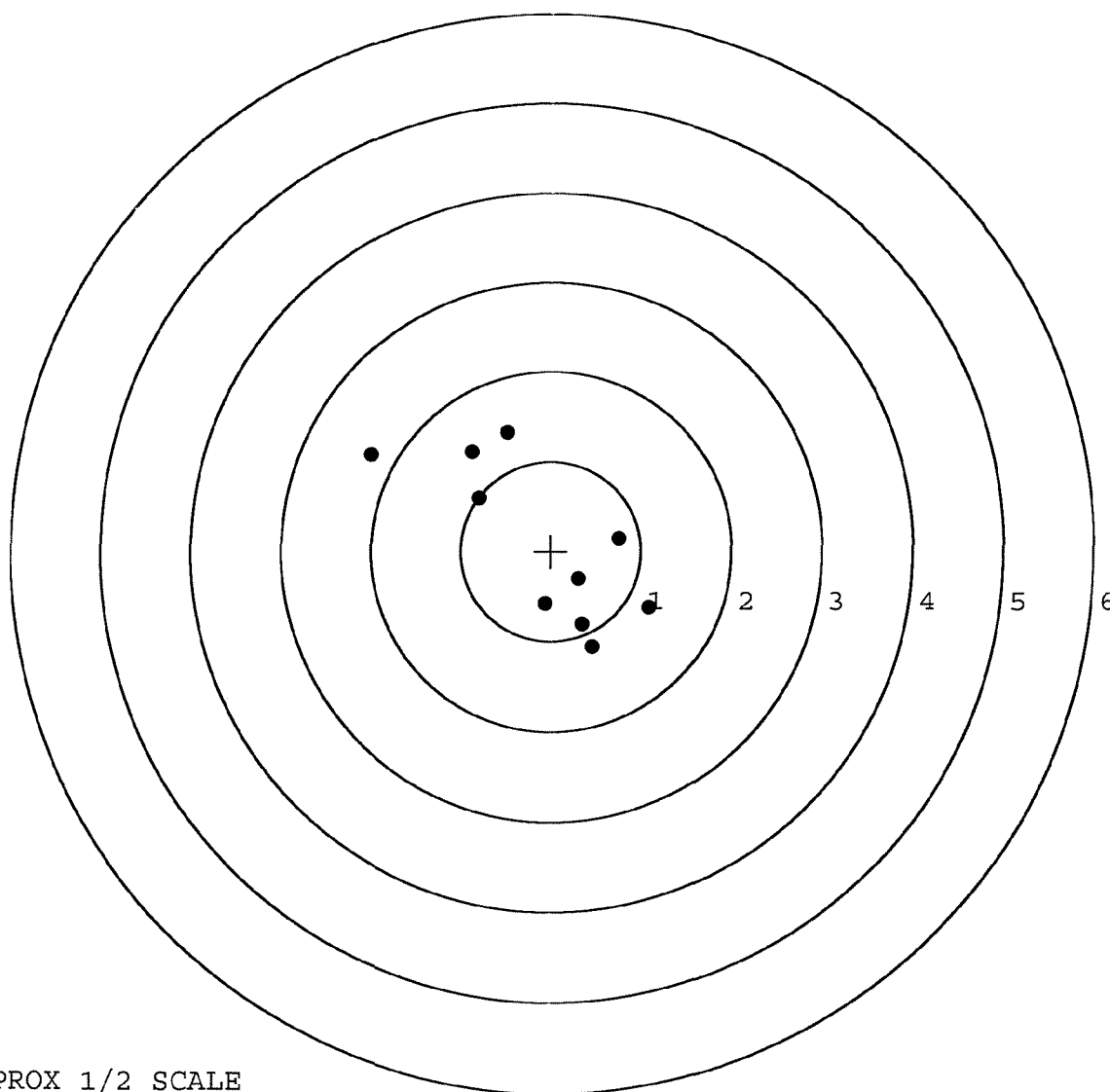
MAX RADIUS: 2.116

MEAN RADIUS: 1.139

# IN 1 IN DIAMETER: 0

# IN 2 IN DIAMETER: 4

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

|               |                      |                                                                                                                                                                        |                                |  |
|---------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--|
| R & E NUMBER  | 124583               |                                                                                                                                                                        |                                |  |
| SERIAL NUMBER | 06225455             |                                                                                                                                                                        |                                |  |
| LOG-IN DATE   | 1-31-07              |                                                                                                                                                                        |                                |  |
| OPERATION #   | OPERATION NAME       | DATE                                                                                                                                                                   | INITIAL                        |  |
| 500           | DIS-ASSEMBLE GUN     | 2-5-07                                                                                                                                                                 | RTZ                            |  |
| 505           | RE-BARREL            | 2-7-07                                                                                                                                                                 | RTZ                            |  |
| 560           | ASSEMBLE             | 2-7-07                                                                                                                                                                 | RTZ                            |  |
| 600           | PROOF                | 2-7-07                                                                                                                                                                 | FM                             |  |
| 605           | CHECK HEADSPACE      | INSPECTED                                                                                                                                                              | FM                             |  |
| 610           | DIS-ASSEMBLE GUN     | FEB 13 2007                                                                                                                                                            | RTZ                            |  |
| 612           | MAGNAFLUX            | OPERATOR <u>APD</u>                                                                                                                                                    | 2-13-07 AFD                    |  |
| 510           | DRILL AND TAP        | 2-12-07                                                                                                                                                                | TRW                            |  |
| 615           | ROLLMARK CALIBER     | 2-13-07                                                                                                                                                                | CW                             |  |
| 618           | ROTO-BLAST           | 2-13-07                                                                                                                                                                | LB                             |  |
| 620           | APPLY COATINGS       | 2-15-07                                                                                                                                                                | WJ                             |  |
| 625           | FINAL ASSEMBLY       | 3-5-07                                                                                                                                                                 | RTZ                            |  |
| 640           | FUNCTION TEST AND    | <u>PASS</u> FAIL                                                                                                                                                       | 3-5-07 nom                     |  |
| 650           | TARGET               | <u>PASS</u> FAIL                                                                                                                                                       | 3-5-07 nom                     |  |
|               | MALFUNCTION          | CORRECTION                                                                                                                                                             |                                |  |
|               | MALFUNCTION          | CORRECTION                                                                                                                                                             |                                |  |
|               | MALFUNCTION          | CORRECTION                                                                                                                                                             |                                |  |
|               | MALFUNCTION          | CORRECTION                                                                                                                                                             |                                |  |
| 670           | FINAL INSPECTION     |                                                                                                                                                                        | 3/6/07 nom                     |  |
|               | A) HEADSPACE         | <u>PASS</u> FAIL                                                                                                                                                       | 3/6/07 nom                     |  |
|               | B) TRIGGER PULL      | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           +/- .5 LBS<br/>           MIN 2.50 LBS<br/>           MAX 4.0 LBS         </div> | 289 242 238 255 277 3/6/07 nom |  |
| 680           | F) SAFETY ON FORCE   | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           2 LBS MIN<br/>           10 LBS MAX         </div>                               | 5.0 5.0 5.0 3/6/07 nom         |  |
|               | G) SAFETY OFF FORCE  | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           2 LBS<br/>           MIN         </div>                                          | 4.0 4.0 4.0 3/6/07 nom         |  |
|               | I) FIRING PIN INDENT | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           .020         </div>                                                              | .023 .024 .023 3/6/07 nom      |  |
| 690           | PACK                 |                                                                                                                                                                        | 3-9-07 RTZ                     |  |

**Arms Services Repair & Estimate System**

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

**Repair Inquiry**

Repair Number: **RE00047887** Serial: **C6225455** Model: **700** Center Fire Caliber: **7.62 NATO M 24 (SWS)** Repairman:  Status: **Closed 6/11/02 7:26:10 AM**

Verify Repair

**Address Information**

Customer: **COMMANDER** Received From: **COMMANDER** Return To: **COMMANDER** Received From:

Address 1: **HSC 2/7 SFG A** Address 2:  PO Box:  City: **FORT BRAGG** State: **NC** Zip Code: **28310** Country: **US**

FFL:

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

**Contact Information**

Phone:  Fax:  Email:  Comments:

**Received Condition**

Condition Notes:  GSR Notes:

**Accessories Received**

| Code | Description | Qty |
|------|-------------|-----|
| A007 | With Stud   | 3   |
| A017 | Scope Base  | 1   |
| X    | SGT BASES   | 2   |

Repair Search Refresh Close

nacler 6/11/02 7:33 AM LAPD NUM NS SERL

Start Inbox Score Google Arms Part S RAC1 7:33 AM

Serial Number: **C6225455**

Model: **700**



**RE00047887**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

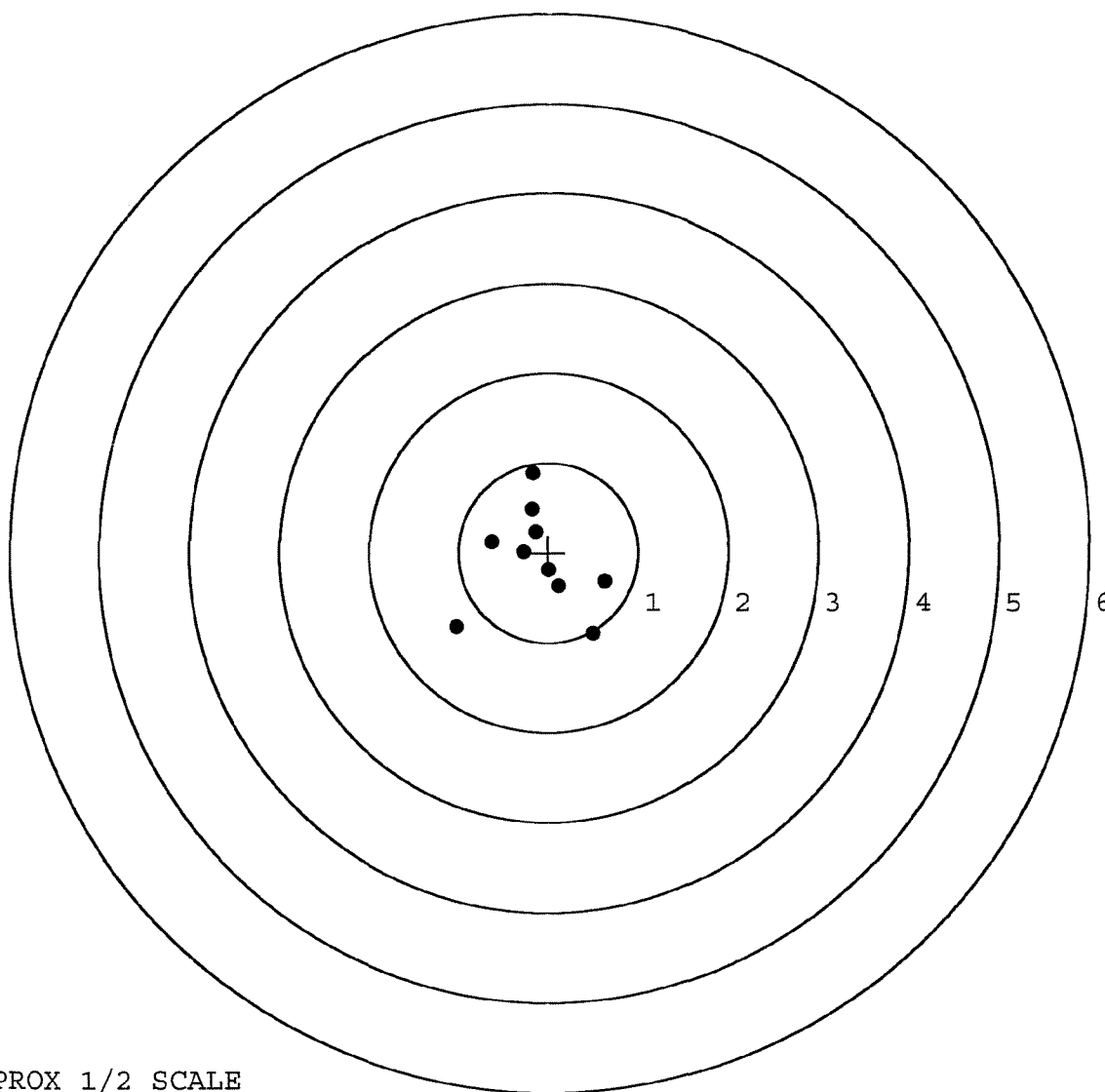
FIREARM SERIAL NUMBER / DATASET NAME: C6225455.\_\_0

FILE DATE AND TIME: 06/28/2002 14:02

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.003 |
| The Average Y Centroid of the Five Target Set:              | -0.058 |
| The Average Point of Impact of the Five Target Set:         | 0.058  |
| The Average Mean Radius of the Five Target Set:             | 0.534  |
| The Distance from POA to Centroid Target #1:                | 0.150  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.267  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.248  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.215  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.091  |

|                              |        |        |        |
|------------------------------|--------|--------|--------|
| SERIAL NUMBER: C6225455. __0 | POINT# | X      | Y      |
| TARGET NUMBER: 1             | 1:     | 0.500  | -0.904 |
| FILE DATE: 06/28/2002        | 2:     | 0.627  | -0.323 |
| FILE TIME: 14:02             | 3:     | 0.116  | -0.377 |
|                              | 4:     | 0.006  | -0.194 |
| X CENTROID: -0.119           | 5:     | -1.021 | -0.830 |
| Y CENTROID: -0.091           | 6:     | -0.629 | 0.118  |
| POA TO CENTROID: 0.150       | 7:     | -0.275 | 0.011  |
| HORZ SPREAD: 1.648           | 8:     | -0.148 | 0.228  |
| VERT SPREAD: 1.786           | 9:     | -0.192 | 0.482  |
| GROUP SPREAD: 1.910          | 10:    | -0.175 | 0.882  |
| MIN RADIUS: 0.162            |        |        |        |
| MAX RADIUS: 1.166            |        |        |        |
| MEAN RADIUS: 0.611           |        |        |        |
| # IN 1 IN DIAMETER: 4        |        |        |        |
| # IN 2 IN DIAMETER: 8        |        |        |        |
| # in 3 IN DIAMETER: 10       |        |        |        |

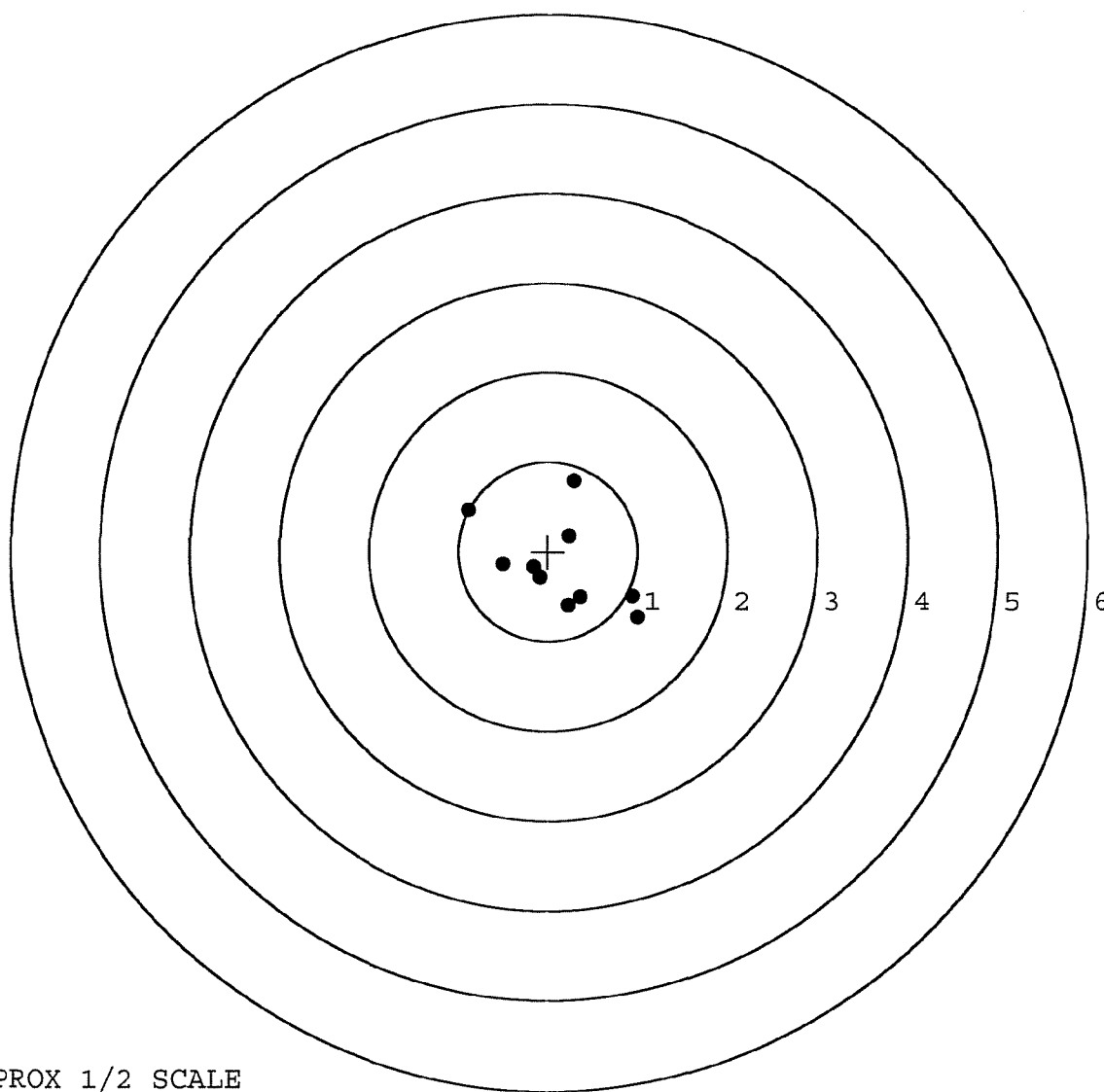


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225455. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 06/28/2002  
FILE TIME: 14:02

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.003  | -0.739 |
| 2:     | 0.944  | -0.500 |
| 3:     | 0.363  | -0.509 |
| 4:     | 0.231  | -0.603 |
| 5:     | -0.090 | -0.293 |
| 6:     | -0.164 | -0.178 |
| 7:     | -0.505 | -0.141 |
| 8:     | 0.227  | 0.174  |
| 9:     | 0.283  | 0.790  |
| 10:    | -0.890 | 0.466  |

X CENTROID: 0.140  
Y CENTROID: -0.153  
POA TO CENTROID: 0.208  
HORZ SPREAD: 1.893  
VERT SPREAD: 1.529  
GROUP SPREAD: 2.244  
MIN RADIUS: 0.269  
MAX RADIUS: 1.202  
MEAN RADIUS: 0.651  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE



SERIAL NUMBER: C6225455. \_\_0

TARGET NUMBER: 3

FILE DATE: 06/28/2002

FILE TIME: 14:02

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.955  | 0.408  |
| 2:     | -0.269 | 0.813  |
| 3:     | -0.154 | -0.572 |
| 4:     | 0.153  | -0.404 |
| 5:     | -0.104 | -0.312 |
| 6:     | 0.301  | 0.013  |
| 7:     | 0.152  | 0.272  |
| 8:     | -0.100 | 0.305  |
| 9:     | -0.061 | -0.024 |
| 10:    | 0.078  | -0.153 |

X CENTROID: 0.095

Y CENTROID: 0.035

POA TO CENTROID: 0.101

HORZ SPREAD: 1.224

VERT SPREAD: 1.385

GROUP SPREAD: 1.480

MIN RADIUS: 0.167

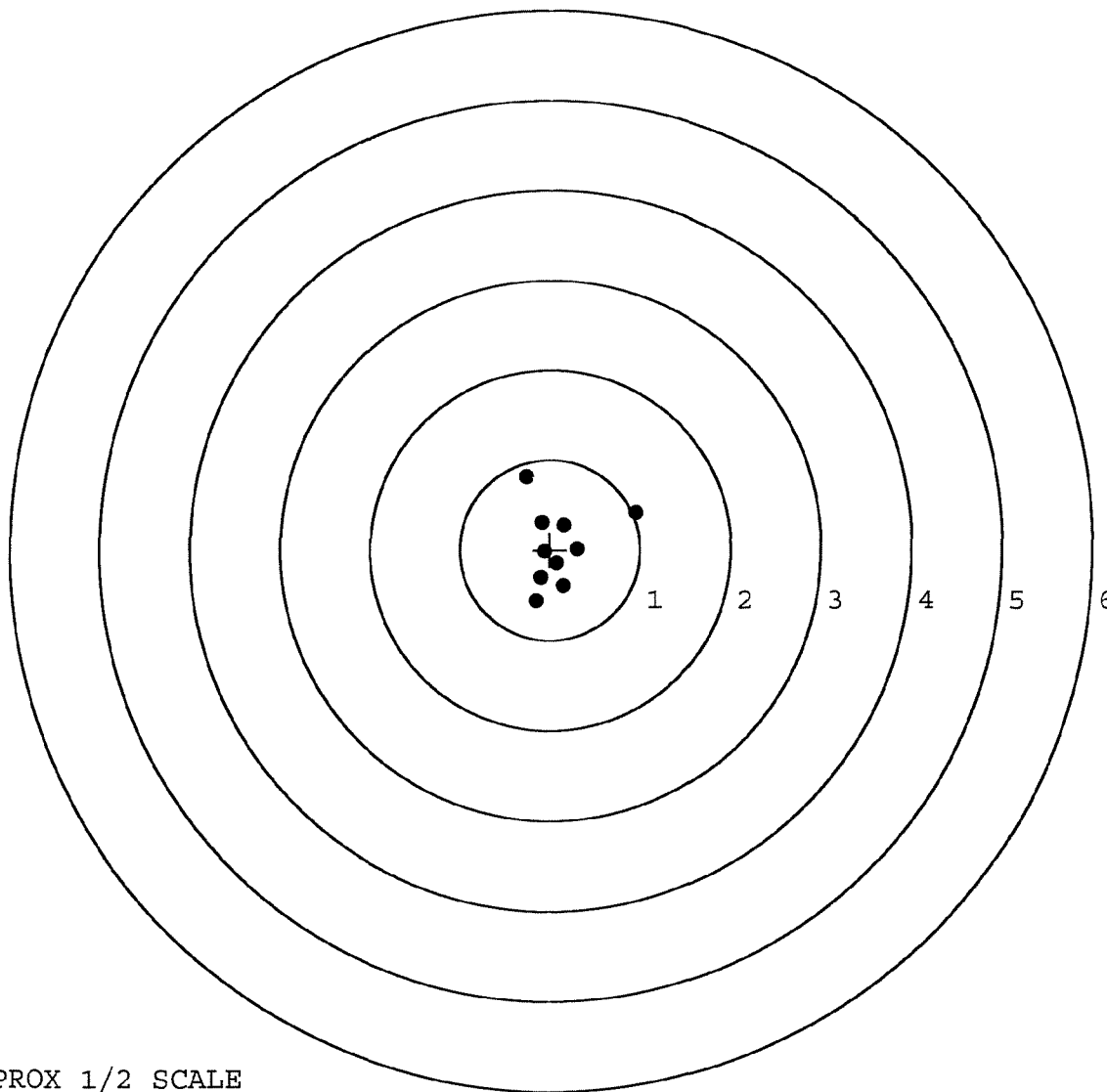
MAX RADIUS: 0.937

MEAN RADIUS: 0.443

# IN 1 IN DIAMETER: 7

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10

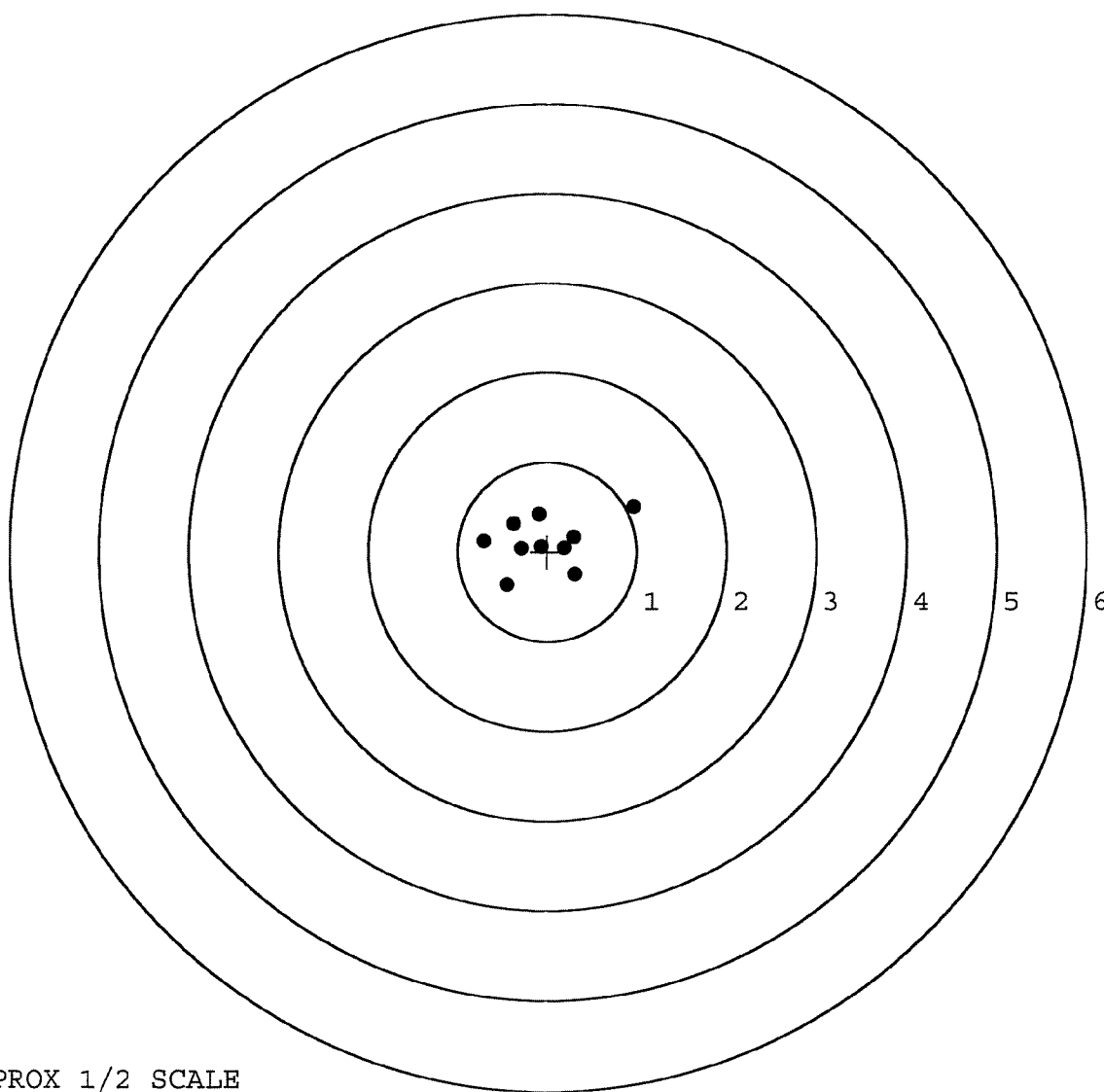


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225455. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 06/28/2002  
FILE TIME: 14:02

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.961  | 0.503  |
| 2:     | -0.709 | 0.118  |
| 3:     | -0.447 | -0.377 |
| 4:     | 0.310  | -0.256 |
| 5:     | 0.298  | 0.165  |
| 6:     | -0.099 | 0.416  |
| 7:     | -0.374 | 0.312  |
| 8:     | -0.287 | 0.037  |
| 9:     | -0.073 | 0.060  |
| 10:    | 0.189  | 0.044  |

X CENTROID: -0.023  
Y CENTROID: 0.102  
POA TO CENTROID: 0.105  
HORZ SPREAD: 1.670  
VERT SPREAD: 0.880  
GROUP SPREAD: 1.714  
MIN RADIUS: 0.065  
MAX RADIUS: 1.063  
MEAN RADIUS: 0.449  
# IN 1 IN DIAMETER: 7  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

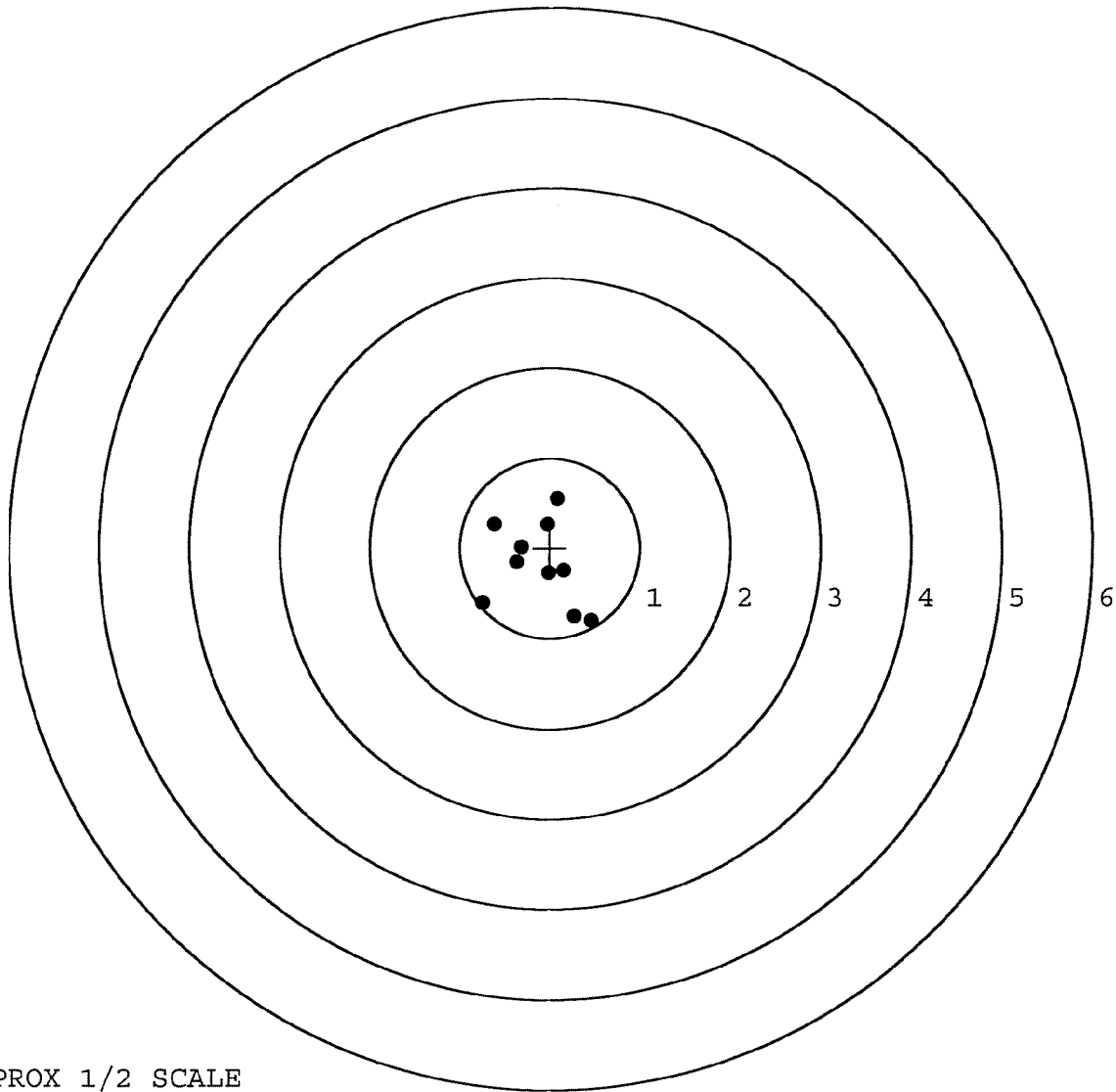


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225455.\_\_\_0  
TARGET NUMBER: 5  
FILE DATE: 06/28/2002  
FILE TIME: 14:02

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.465  | -0.812 |
| 2:     | 0.279  | -0.763 |
| 3:     | 0.159  | -0.257 |
| 4:     | -0.015 | -0.282 |
| 5:     | -0.744 | -0.616 |
| 6:     | -0.368 | -0.164 |
| 7:     | -0.314 | 0.012  |
| 8:     | -0.617 | 0.260  |
| 9:     | -0.031 | 0.262  |
| 10:    | 0.082  | 0.549  |

X CENTROID: -0.110  
Y CENTROID: -0.181  
POA TO CENTROID: 0.212  
HORZ SPREAD: 1.209  
VERT SPREAD: 1.361  
GROUP SPREAD: 1.523  
MIN RADIUS: 0.139  
MAX RADIUS: 0.854  
MEAN RADIUS: 0.516  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

620P

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

|                               |                          |                            |                |
|-------------------------------|--------------------------|----------------------------|----------------|
| <b>R &amp; E NUMBER</b> 47887 |                          |                            |                |
| <b>SERIAL NUMBER</b> C6225455 |                          |                            |                |
| <b>LOG-IN DATE</b> 6/11/02    |                          |                            |                |
| <b>INSPECT AND VERIFY:</b>    |                          |                            |                |
| <b>OPERATION #</b>            | <b>OPERATION NAME</b>    | <b>DATE</b>                | <b>INITIAL</b> |
| 550                           | DIS-ASSEMBLE GUN         | 6/14/02                    | RL             |
| 560 A                         | RE-BARREL AT CUSTOM SHOP | 6/17/02                    | BWT            |
| B                             | DRILL AND TAP            | 6/17/02                    | BWT            |
| C                             | POLISH                   |                            |                |
| 575                           | ASSEMBLE                 | 6/17/02                    | RL             |
| 600                           | PROOF                    | 6/17/02                    | RW             |
| 605                           | CHECK HEADSPACE          | 6/17/02                    | RW             |
| 610                           | DIS-ASSEMBLE GUN         | 6/17/02                    | RW             |
| 612                           | MAGNAFLUX                |                            |                |
| 615                           | ROLLMARK CALIBER         | 6/17/02                    | RW             |
| 618                           | ROTO-BLAST               | 6/19/02                    | RO             |
| 620                           | APPLY COATINGS           | 6-24                       | TA             |
| 625 A                         | FINAL ASSEMBLY           | 6/21/02                    | RL             |
| B                             | TRIGGER PULL TEST        |                            |                |
| C                             | SAFETY "ON" FORCE        |                            |                |
| D                             | SAFETY "OFF" FORCE       |                            |                |
| E                             | FIRING PIN INDENT        |                            |                |
| 640                           | TARGET                   | 6-27-02                    | TRW            |
| 655                           | FINAL INSPECT            | 6/28/02                    | RL             |
| 660                           | PACK                     | 6/28/02                    | TA             |
|                               |                          | <b>SHIP DATE</b>           |                |
|                               |                          | <b>QAR INSPECTION DATE</b> |                |

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225455

| OP. #        | OP. NAME                                                       | READINGS | DATE      | INITIAL |
|--------------|----------------------------------------------------------------|----------|-----------|---------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 9 12     | 8 8       | 1TB     |
| 600          | Proof                                                          | 9 19     | 8 8       | RW      |
| 607          | Check Headspace                                                | 9 19     | 8 8       | RW      |
| 610          | Dis-assemble Gun                                               | 9 19     | 8 8       | RW      |
| 612          | Magnaflux Barrel<br>Action                                     |          | 9/22/88   | RK.     |
|              | Magnaflux Bolt                                                 |          | 9/22/88   | RK.     |
| 615          | Rollmark Caliber                                               |          | 9/26/88   | GS      |
| 617          | Drill and Tap Sight Holes                                      |          | 10/12/88  | FS      |
| 618          | Polish Barrel                                                  |          | 11/12/88  | BT      |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 10-3-88   | TJA     |
|              | Apply Coating (Bolt)                                           |          | 10-31-88  | TJA     |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 1/12/89   | RW      |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 1/12/89   | RW      |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 1/12/89   | RW      |
|              | D) Oil Firing Pin Ass'y                                        |          | 1/12/89   | RW      |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 11 Jan 89 | GS      |

| op. #        | OP. NAME                                                    | READINGS |       |       |      |      | DATE      | INITIAL |
|--------------|-------------------------------------------------------------|----------|-------|-------|------|------|-----------|---------|
| 625<br>cont. | F) Safety On Force                                          | 5        | 5     | 5     |      |      | 11 Jan 89 | QJL     |
|              | G) Safety Off Force                                         | 3        | 3     | 3     |      |      | 11 Jan 89 | QJL     |
|              | H) Trigger Pull Test & Retainability                        |          |       |       |      |      | 11 Jan 89 | QJL     |
|              | I) Firing Pin Indent                                        | .022     | .0215 | .0215 |      |      | 11 Jan 89 | QJL     |
|              | J) Assemble Stock                                           |          |       |       |      |      | 1/12/89   | RW      |
|              | K) Assemble Swivel Studs                                    |          |       |       |      |      | 31 Jan 89 | QJL     |
|              | L) Attach Front and Rear Sight Assemblies                   |          |       |       |      |      | 1/12/89   | RW      |
|              | M) Iron Sight Alignment                                     |          |       |       |      |      | 1/12/89   | RW      |
|              | N) Detach Front & Rear Sights & place in numbered container |          |       |       |      |      | 1/12/89   | RW      |
|              | O) Attach Scope to Rifle                                    |          |       |       |      |      | 13 Jan 89 | QJL     |
|              | P) Detach & Attach Scope 20 Times                           |          |       |       |      |      | 13 Jan 89 | QJL     |
| 640          | Gallery Target & Test                                       | 510      | 103L  |       |      |      | 1/24/89   | AC      |
|              | A) Time                                                     |          |       |       |      |      |           |         |
|              | B) Malfunctions                                             |          |       |       | NONE |      |           | AC      |
|              | C) Pierced Primers                                          |          |       |       | NONE |      |           | AC      |
|              | D) Optical Clarity of Scope                                 |          |       |       | OK   |      | 1/24/89   | AC      |
| 645          | Inspect for Live Ammo                                       |          |       |       | NONE |      | 1/24/89   | AC      |
| 655          | Final Inspection                                            |          |       |       |      |      |           |         |
|              | A) Headspace                                                |          |       |       |      |      | 31 Jan 89 | QJL     |
|              | B) Trigger Pull                                             | 2.56     | 2.56  | 2.61  | 2.56 | 2.57 | 31 Jan 89 | QJL     |
|              | C) Function                                                 |          |       |       |      |      | 31 Jan 89 | QJL     |
| 660          | Pack                                                        |          |       |       |      |      | 22 Mar 89 | QJL     |

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS  
2.50# + .50#  
3.00# + .75#  
4.00# + 1.00#

SERIAL NO. 5455  
DATE 8/17/90  
TESTER JH

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------------------------------------------------------------------------|
| PULL #1 | 2.26             | 2.26                     | 2.48                           | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.36             | 2.28                     | 2.38                           |                                                                        |
| PULL #3 | 2.20             | 2.32                     | 2.32                           |                                                                        |
| PULL #4 | 2.44             | 2.35                     | 2.35                           |                                                                        |
| PULL #5 | 2.35             | 2.26                     | 2.30                           |                                                                        |
| TOTAL   | 11.61            | 11.47                    | 11.83                          |                                                                        |
| AVG.    | 2.322            | 2.294                    | 2.366                          |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.33             | 3.21                     |  |          |
| PULL #2 | 3.16             | 3.14                     |  |          |
| PULL #3 | 3.20             | 3.16                     |  |          |
| PULL #4 | 3.11             | 3.26                     |  |          |
| PULL #5 | 3.30             | 3.22                     |  |          |
| TOTAL   | 16.10            | 15.99                    |  |          |
| AVG.    | 3.22             | 3.198                    |  |          |

|         | 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 | 4.33             | 4.27                     |                                | 4.17                                 |
| PULL #2 | 4.27             | 4.18                     |                                | 4.29                                 |
| PULL #3 | 4.27             | 4.19                     |                                | 4.26                                 |
| PULL #4 | 4.24             | 4.23                     |                                | 4.28                                 |
| PULL #5 | 4.26             | 4.25                     |                                | 4.26                                 |
| TOTAL   | 21.37            | 21.12                    |                                | 21.26                                |
| AVG.    | 4.274            | 4.224                    |                                | 4.252                                |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06225455  
26 Jan 1989

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .27074  |
| 1 TO | 2 | .443244 |
| 1 TO | 3 | .961223 |
| 1 TO | 4 | .406785 |
| 1 TO | 5 | .467372 |

$\begin{matrix} 4 \\ 2+5 \\ 3 \end{matrix}$  <----POA

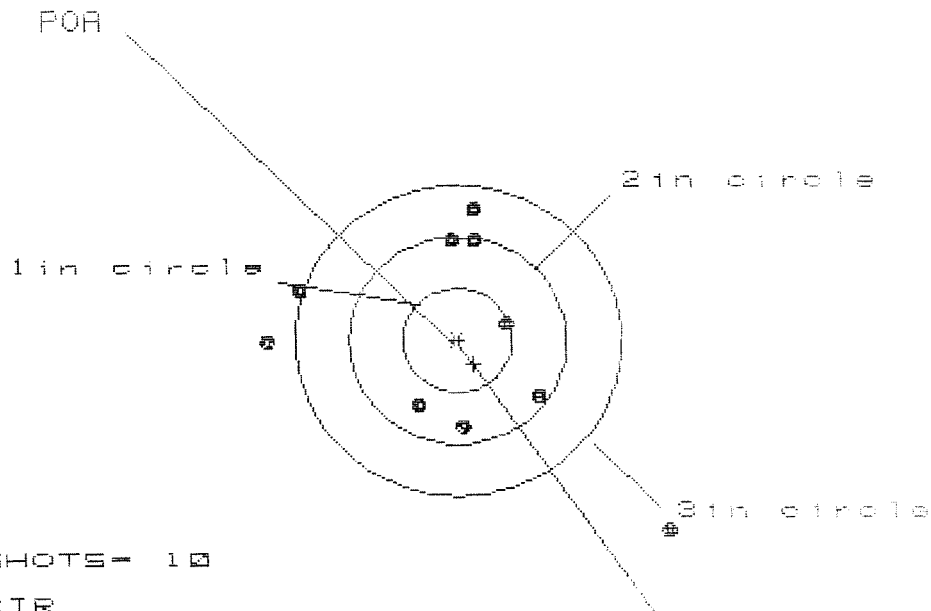
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0342  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0244  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0420119  
THE AMR FOR THIS RIFLE IS: 1.00



25 Jan 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C6225455

# CENTERFIRE PATTERNS # 1



# OF SHOTS = 10

# IN CIR

1 in = 1

2 in = 5

3 in = 7

HS = 3.649

VS = 3.025

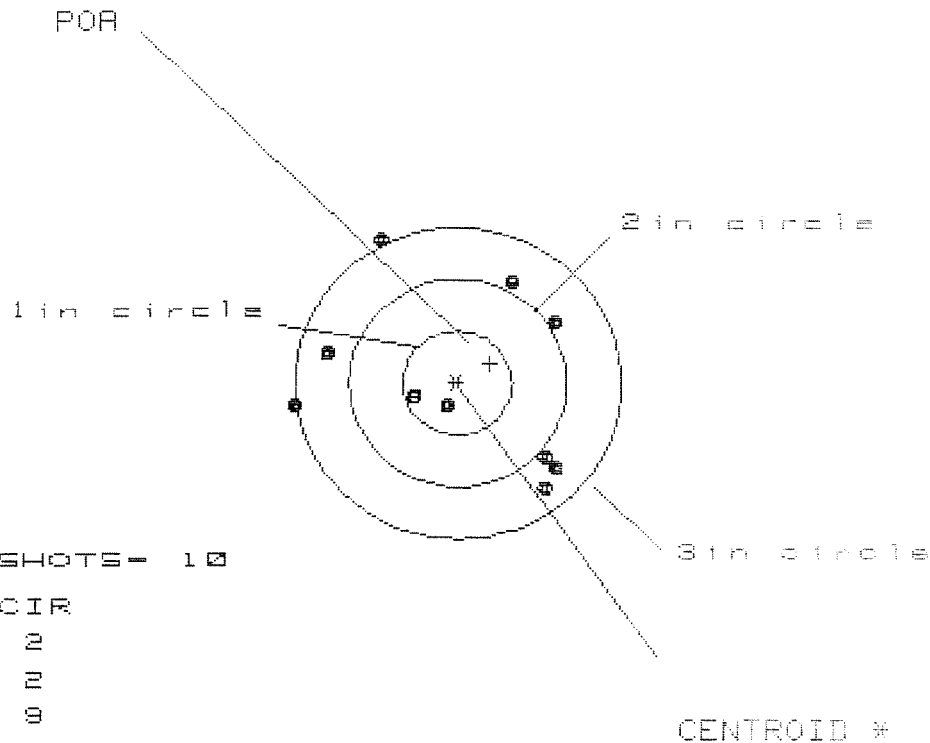
GS = 4.069

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.925  | 1.000  | .812   |
| MINIMUM X                     | -1.724 | -1.510 | -1.436 |
| MAXIMUM Y                     | 1.236  | 1.037  | 1.014  |
| MINIMUM Y                     | -1.789 | -1.076 | -1.099 |
| CENTROID X                    | -.146  | -.359  | -.171  |
| CENTROID Y                    | .228   | .427   | .451   |
| POA TO CENTROID in.           | .271   | .558   | .482   |
| MIN RADIUS                    | .465   | .653   | .467   |
| MEAN RADIUS                   | 1.212  | 1.046  | .952   |
| MAX RADIUS                    | 2.629  | 1.521  | 1.451  |
| HORIZONTAL SPREAD             | 3.649  | 2.510  | 2.248  |
| VERTICAL SPREAD               | 3.025  | 2.113  | 2.113  |
| EXTREME SPREAD                | 4.069  | 2.564  | 2.435  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 5      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 7      |        |        |

25 Jan 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225455

# CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 2

3 in = 9

HS= 2.369

VS= 2.397

GS= 2.855

| PATTERN #                   | : | 2      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | .890   | .888   | .613   |
| MINIMUM X                   | : | -1.479 | -1.561 | -1.436 |
| MAXIMUM Y                   | : | 1.354  | 1.111  | 1.106  |
| MINIMUM Y                   | : | -1.043 | -.893  | -.898  |
| CENTROID X                  | : | -.299  | -.217  | -.022  |
| CENTROID Y                  | : | -.188  | -.338  | -.333  |
| POA TO CENTROID in.         | : | .353   | .402   | .334   |
| MIN RADIUS                  | : | .249   | .196   | .384   |
| MEAN RADIUS                 | : | 1.061  | .988   | .914   |
| MAX RADIUS                  | : | 1.542  | 1.562  | 1.494  |
| HORIZONTAL SPREAD           | : | 2.369  | 2.369  | 2.049  |
| VERTICAL SPREAD             | : | 2.397  | 2.004  | 2.004  |
| EXTREME SPREAD              | : | 2.855  | 2.479  | 2.367  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

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FILE:/PATTERNING/CENTERFIRE\_PATT/08225455

# CENTERFIRE PATTERNS

# 3

POA

1 in circle

2 in circle

3 in circle

# OF SHOTS- 10

# IN CIR

1 in = 0

2 in = 4

3 in = 9

HS= 2.734

VS= 2.449

GS= 3.049

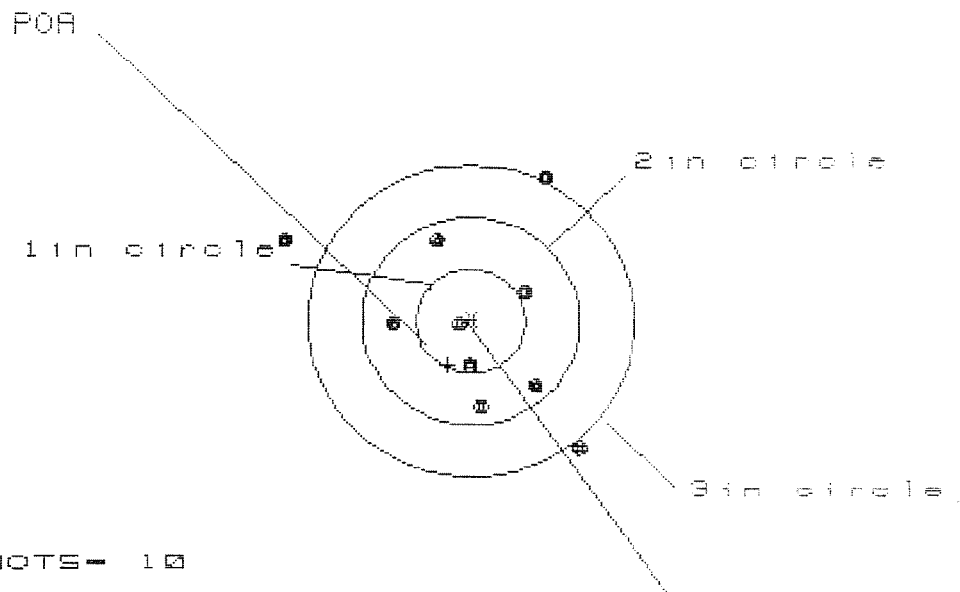
CENTROID #

| PATTERN #                   | : | 3      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.791  | .851   | .837   |
| MINIMUM X                   | : | -.943  | -.744  | -.758  |
| MAXIMUM Y                   | : | 1.252  | 1.172  | 1.133  |
| MINIMUM Y                   | : | -1.197 | -1.277 | -1.130 |
| CENTROID X                  | : | .097   | -.102  | -.088  |
| CENTROID Y                  | : | -.702  | -.622  | -.769  |
| POA TO CENTROID in.         | : | .709   | .631   | .774   |
| MIN RADIUS                  | : | .533   | .320   | .425   |
| MEAN RADIUS                 | : | 1.045  | .905   | .875   |
| MAX RADIUS                  | : | 1.930  | 1.299  | 1.152  |
| HORIZONTAL SPREAD           | : | 2.734  | 1.595  | 1.595  |
| VERTICAL SPREAD             | : | 2.449  | 2.449  | 2.263  |
| EXTREME SPREAD              | : | 3.049  | 2.474  | 2.268  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 0      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

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FILE:/PATTERNING/CENTERFIRE\_PATT/C6225435

# CENTERFIRE PATTERNS # 4



# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 7

3 in = 8

HS= 2.682

VS= 2.532

GS= 3.312

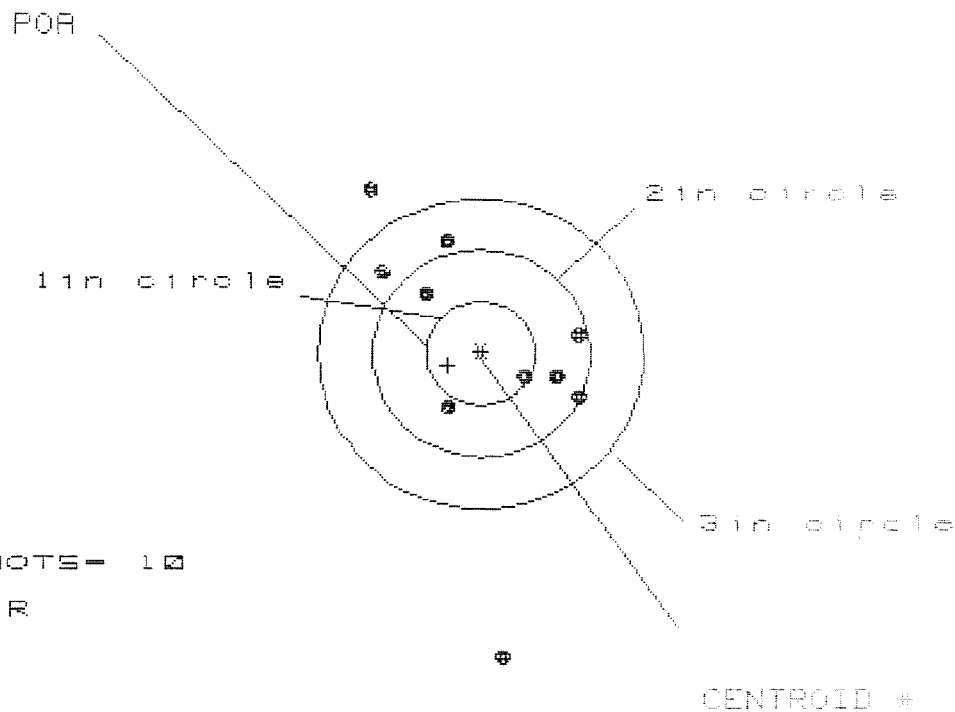
CENTROID #

| PATTERN #                   | : | 4      |        |       |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.015  | .829   | .564  |
| MINIMUM X                   | : | -1.667 | -.938  | -.834 |
| MAXIMUM Y                   | : | 1.344  | 1.428  | 1.296 |
| MINIMUM Y                   | : | -1.188 | -1.104 | -.897 |
| CENTROID X                  | : | .211   | .397   | .293  |
| CENTROID Y                  | : | .423   | .339   | .477  |
| POR TO CENTROID in.         | : | .473   | .522   | .560  |
| MIN RADIUS                  | : | .114   | .294   | .211  |
| MEAN RADIUS                 | : | .927   | .825   | .746  |
| MAX RADIUS                  | : | 1.830  | 1.500  | 1.408 |
| HORIZONTAL SPREAD           | : | 2.682  | 1.767  | 1.398 |
| VERTICAL SPREAD             | : | 2.532  | 2.532  | 2.187 |
| EXTREME SPREAD              | : | 3.312  | 2.559  | 2.246 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |       |

25 Jan 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/06225455

# CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 6

3in = 8

HS= 1.854

VS= 4.576

GS= 4.729

|                               |   |        |       |        |
|-------------------------------|---|--------|-------|--------|
| PATTERN #                     | : | 5      |       |        |
| SHOTS (BEST OF)               | : | 10     | 9     | 8      |
| MAXIMUM X                     | : | .884   | .909  | .791   |
| MINIMUM X                     | : | -.970  | -.945 | -1.029 |
| MAXIMUM Y                     | : | 1.622  | 1.294 | .877   |
| MINIMUM Y                     | : | -2.954 | -.798 | -.636  |
| CENTROID X                    | : | .308   | .283  | .401   |
| CENTROID Y                    | : | .117   | .445  | .283   |
| POA TO CENTROID in.:          | : | .329   | .528  | .491   |
| MIN RADIUS                    | : | .463   | .592  | .482   |
| MEAN RADIUS                   | : | 1.153  | .937  | .823   |
| MAX RADIUS                    | : | 2.962  | 1.602 | 1.183  |
| HORIZONTAL SPREAD             | : | 1.854  | 1.854 | 1.820  |
| VERTICAL SPREAD               | : | 4.576  | 2.092 | 1.513  |
| EXTREME SPREAD                | : | 4.729  | 2.714 | 2.122  |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 1     |        |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 6     |        |
| NUMBER IN THREE INCH CIRCLE = |   |        | 8     |        |