

G-6590174  
Replaced  
C-6225202

|        |           |         |      |     |     |     |
|--------|-----------|---------|------|-----|-----|-----|
| naglet | 3/31/2009 | 1:29 PM | CAPS | NUM | INS | SCR |
|--------|-----------|---------|------|-----|-----|-----|

Sling

Model: M24 SWS



RE00165513

## INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R &amp; E NUMBER

165513

SERIAL NUMBER

G6590174

LOG-IN DATE

3-31-09

| OPERATION # | OPERATION NAME       | DATE       | INITIAL |
|-------------|----------------------|------------|---------|
| 500         | DIS-ASSEMBLE GUN     | 4-13-09    | RT      |
| 505         | RE-BARREL            | 4-15-09    | RT      |
| 420         | ASSEMBLE             | 4-15-09    | RT      |
| 440         | PROOF                | 4-15-09    | WV      |
| 460         | CHECK HEADSPACE      | 4-15-09    | WV      |
| 470         | DIS-ASSEMBLE GUN     | 4-15-09    | RT      |
| 480         | MAGNAFLUX            | 4-18-09    | WV      |
| 510         | DRILL AND TAP        | 4-15-09    | SP      |
| 500         | ROLLMARK CALIBER     | 4-15-09    | RT      |
| 520         | GOFF BLAST BBL / REC | 4-15-09    | Lim.    |
| 530 & 540   | APPLY COATINGS       | 4-15-09    | WV      |
| 560         | FINAL ASSEMBLY       | 4-23-09    | RT      |
| 640         | FUNCTION TEST AND    | 4-23-09    | RP      |
| 650         | TARGET               | 4-23-09    | RP      |
|             | MALFUNCTION          | CORRECTION |         |
|             | MALFUNCTION          | CORRECTION |         |
|             | MALFUNCTION          | CORRECTION |         |
|             | MALFUNCTION          | CORRECTION |         |
| 670         | FINAL INSPECTION     | 4-23-09    | WV      |
|             | A) HEADSPACE         | 4-23-09    | WV      |
|             | B) TRIGGER PULL      | 4-23-09    | WV      |
| 680         | F) SAFETY ON FORCE   | 4-23-09    | WV      |
|             | G) SAFETY OFF FORCE  | 4-23-09    | WV      |
|             | I) FIRING PIN INDENT | 4-23-09    | WV      |
| 690         | PACK                 | 5-14-09    | Eng     |

F006 REV 1/2009

## SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590174.\_\_1  
FILE DATE AND TIME: 04/24/2009 05:24

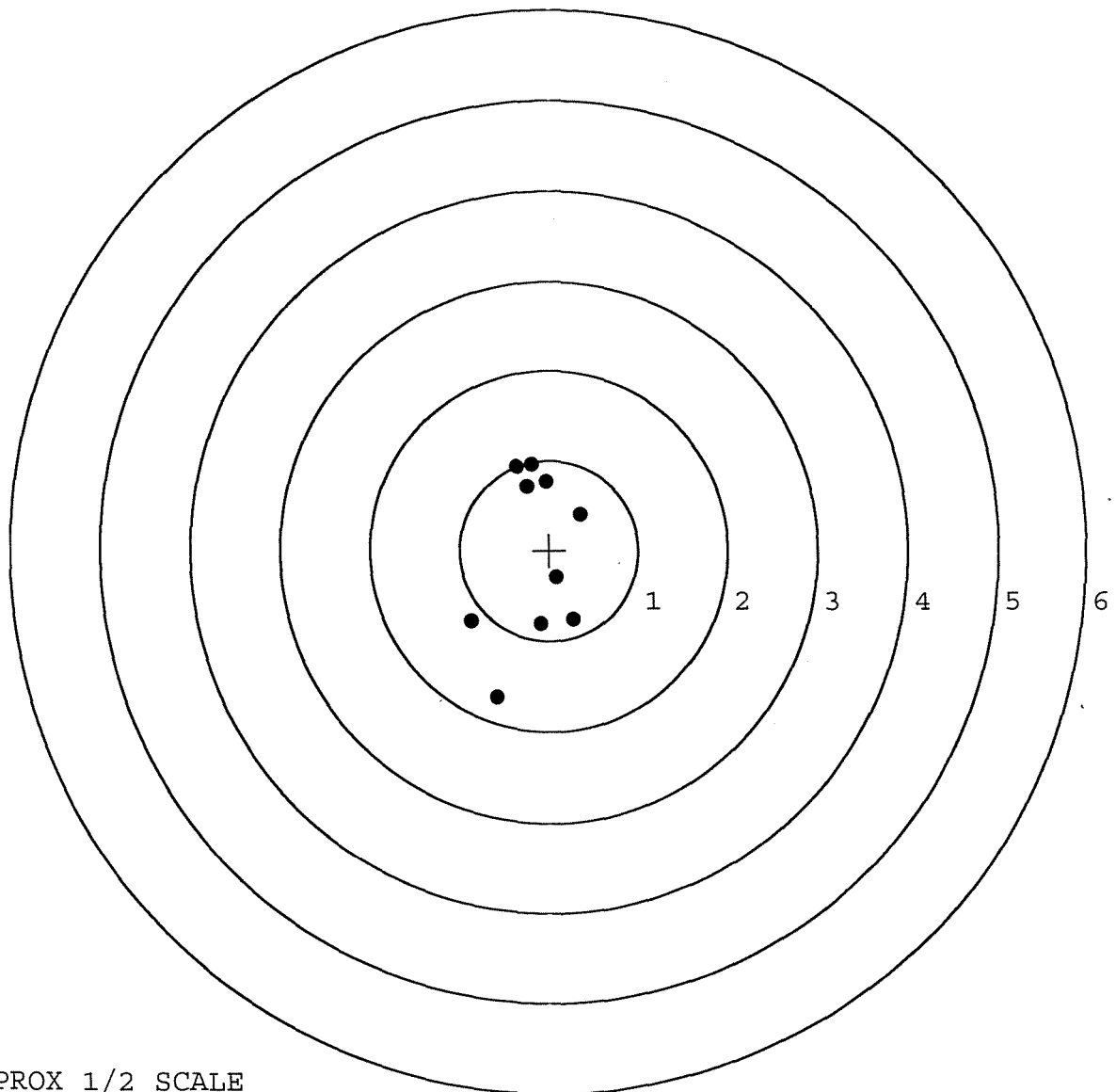
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.005 |
| The Average Y Centroid of the Five Target Set:              | 0.086 |
| The Average Point of Impact of the Five Target Set:         | 0.087 |
| The Average Mean Radius of the Five Target Set:             | 0.964 |
| The Distance from POA to Centroid Target #1:                | 0.181 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.405 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.329 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.469 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.462 |

SERIAL NUMBER: G6590174. 1  
 TARGET NUMBER: 1  
 FILE DATE: 04/24/2009  
 FILE TIME: 05:24

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.591 | -1.628 |
| 2:     | -0.868 | -0.783 |
| 3:     | -0.096 | -0.816 |
| 4:     | 0.272  | -0.764 |
| 5:     | 0.086  | -0.302 |
| 6:     | 0.350  | 0.400  |
| 7:     | -0.206 | 0.956  |
| 8:     | -0.372 | 0.929  |
| 9:     | -0.260 | 0.707  |
| 10:    | -0.043 | 0.764  |

X CENTROID: -0.173  
 Y CENTROID: -0.054  
 POA TO CENTROID: 0.181  
 HORZ SPREAD: 1.218  
 VERT SPREAD: 2.584  
 GROUP SPREAD: 2.613  
 MIN RADIUS: 0.359  
 MAX RADIUS: 1.629  
 MEAN RADIUS: 0.890  
 # IN 1 IN DIAMETER: 1  
 # IN 2 IN DIAMETER: 6  
 # in 3 IN DIAMETER: 9

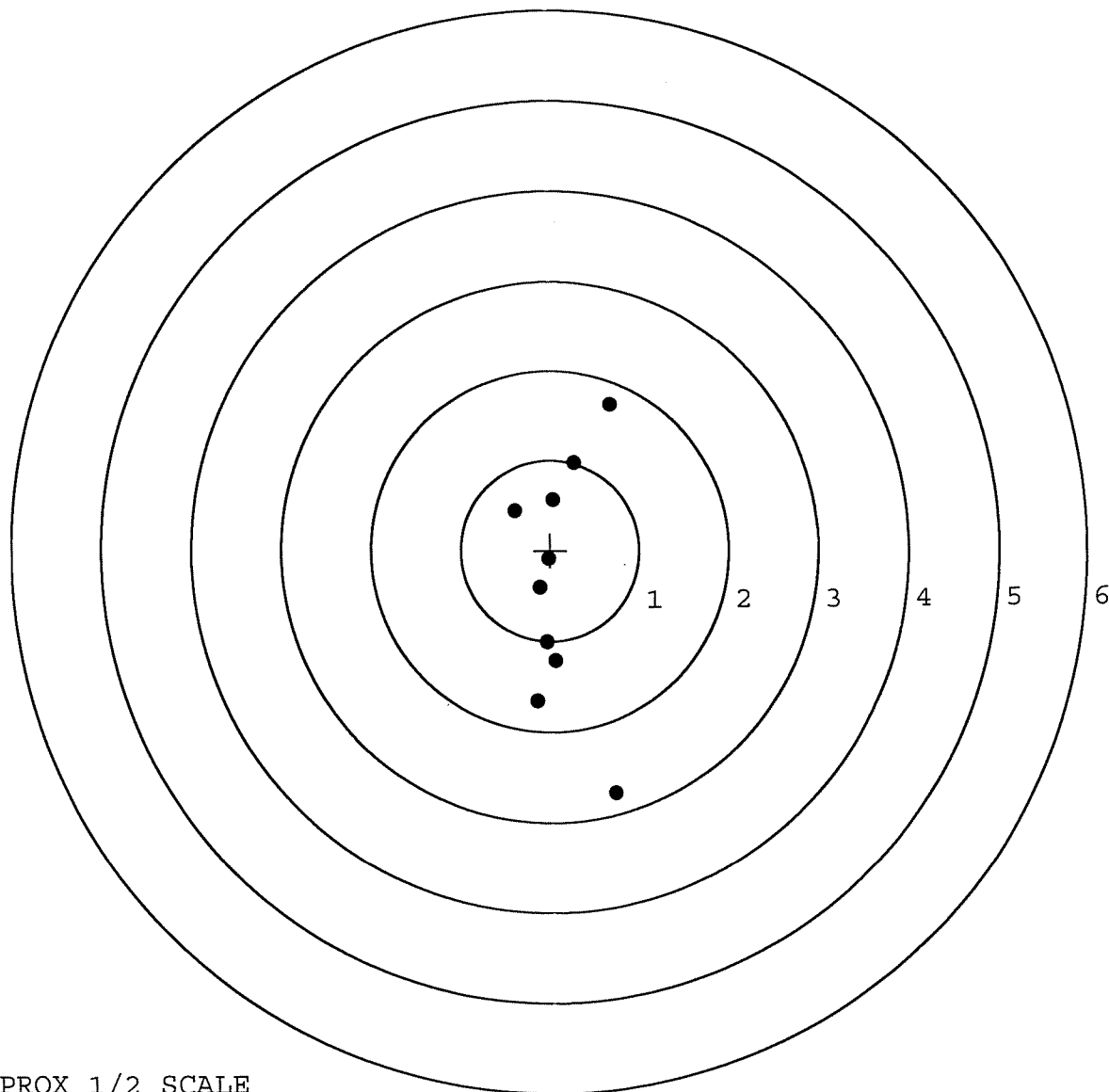


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590174. \_\_1  
 TARGET NUMBER: 2  
 FILE DATE: 04/24/2009  
 FILE TIME: 05:24

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.707  | -2.682 |
| 2:     | -0.163 | -1.672 |
| 3:     | 0.048  | -1.226 |
| 4:     | -0.053 | -1.018 |
| 5:     | -0.124 | -0.420 |
| 6:     | -0.023 | -0.099 |
| 7:     | 0.685  | 1.617  |
| 8:     | 0.279  | 0.968  |
| 9:     | 0.037  | 0.558  |
| 10:    | -0.397 | 0.439  |

X CENTROID: 0.100  
 Y CENTROID: -0.353  
 POA TO CENTROID: 0.367  
 HORZ SPREAD: 1.104  
 VERT SPREAD: 4.299  
 GROUP SPREAD: 4.299  
 MIN RADIUS: 0.233  
 MAX RADIUS: 2.406  
 MEAN RADIUS: 1.106  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 6  
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590174. \_\_1

TARGET NUMBER: 3

FILE DATE: 04/24/2009

FILE TIME: 05:24

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.089 | -1.515 |
| 2:     | -0.981 | -0.634 |
| 3:     | -0.194 | -0.680 |
| 4:     | -0.916 | 0.528  |
| 5:     | -0.172 | 0.920  |
| 6:     | 0.586  | 1.363  |
| 7:     | 1.176  | 3.085  |
| 8:     | 0.039  | -0.372 |
| 9:     | 0.250  | -0.110 |
| 10:    | -0.038 | -0.141 |

X CENTROID: -0.034

Y CENTROID: 0.244

POA TO CENTROID: 0.247

HORZ SPREAD: 2.157

VERT SPREAD: 4.600

GROUP SPREAD: 4.771

MIN RADIUS: 0.385

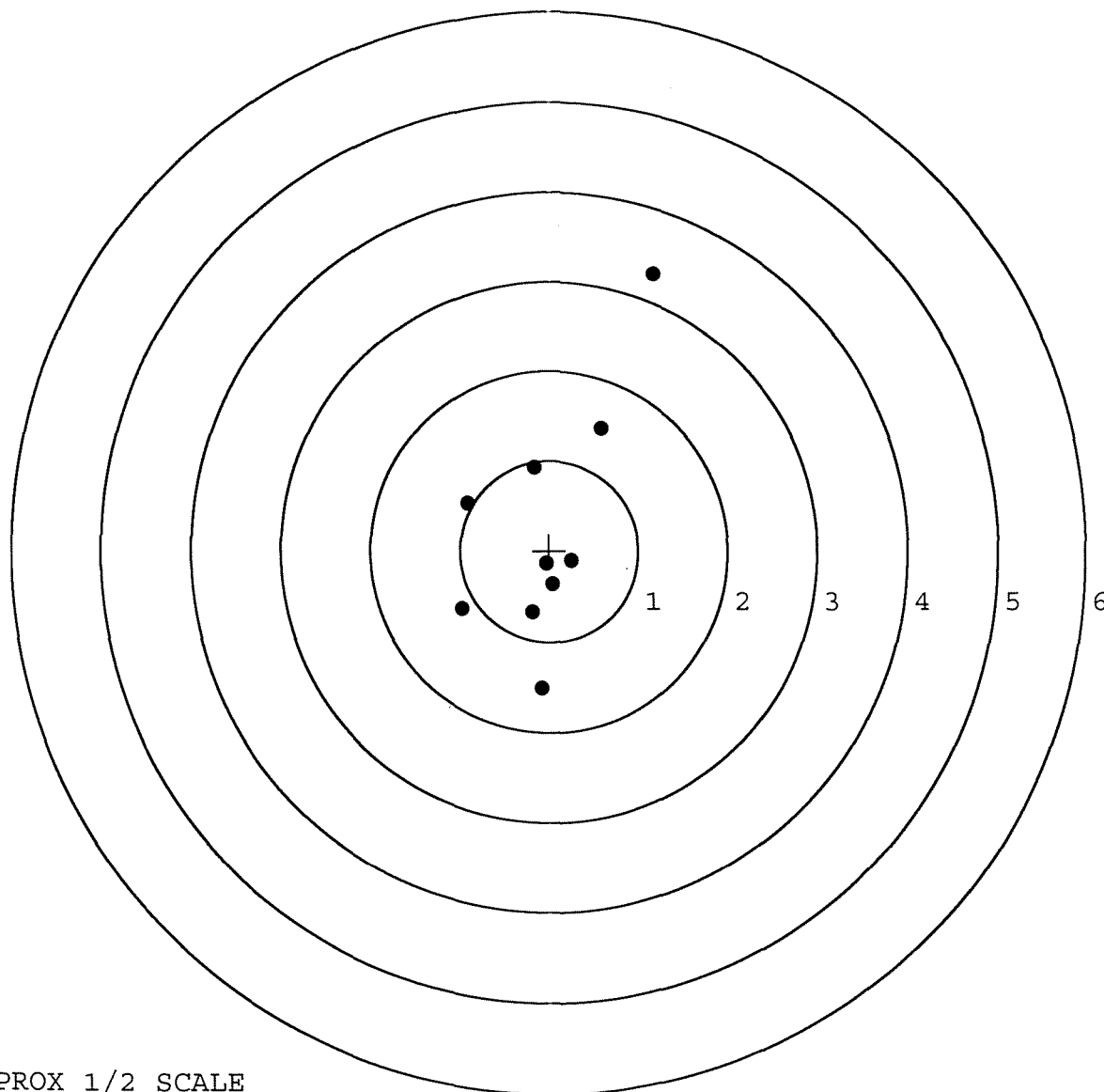
MAX RADIUS: 3.088

MEAN RADIUS: 1.143

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590174. \_\_1

TARGET NUMBER: 4

FILE DATE: 04/24/2009

FILE TIME: 05:24

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.482  | -1.517 |
| 2:     | 0.469  | -0.738 |
| 3:     | 0.104  | -0.386 |
| 4:     | 0.653  | 1.210  |
| 5:     | 0.776  | 0.841  |
| 6:     | -0.265 | 0.824  |
| 7:     | 0.187  | 0.560  |
| 8:     | 0.094  | 0.376  |
| 9:     | -0.113 | 0.108  |
| 10:    | -0.131 | 0.652  |

X CENTROID: 0.226

Y CENTROID: 0.193

POA TO CENTROID: 0.297

HORZ SPREAD: 1.041

VERT SPREAD: 2.727

GROUP SPREAD: 2.732

MIN RADIUS: 0.225

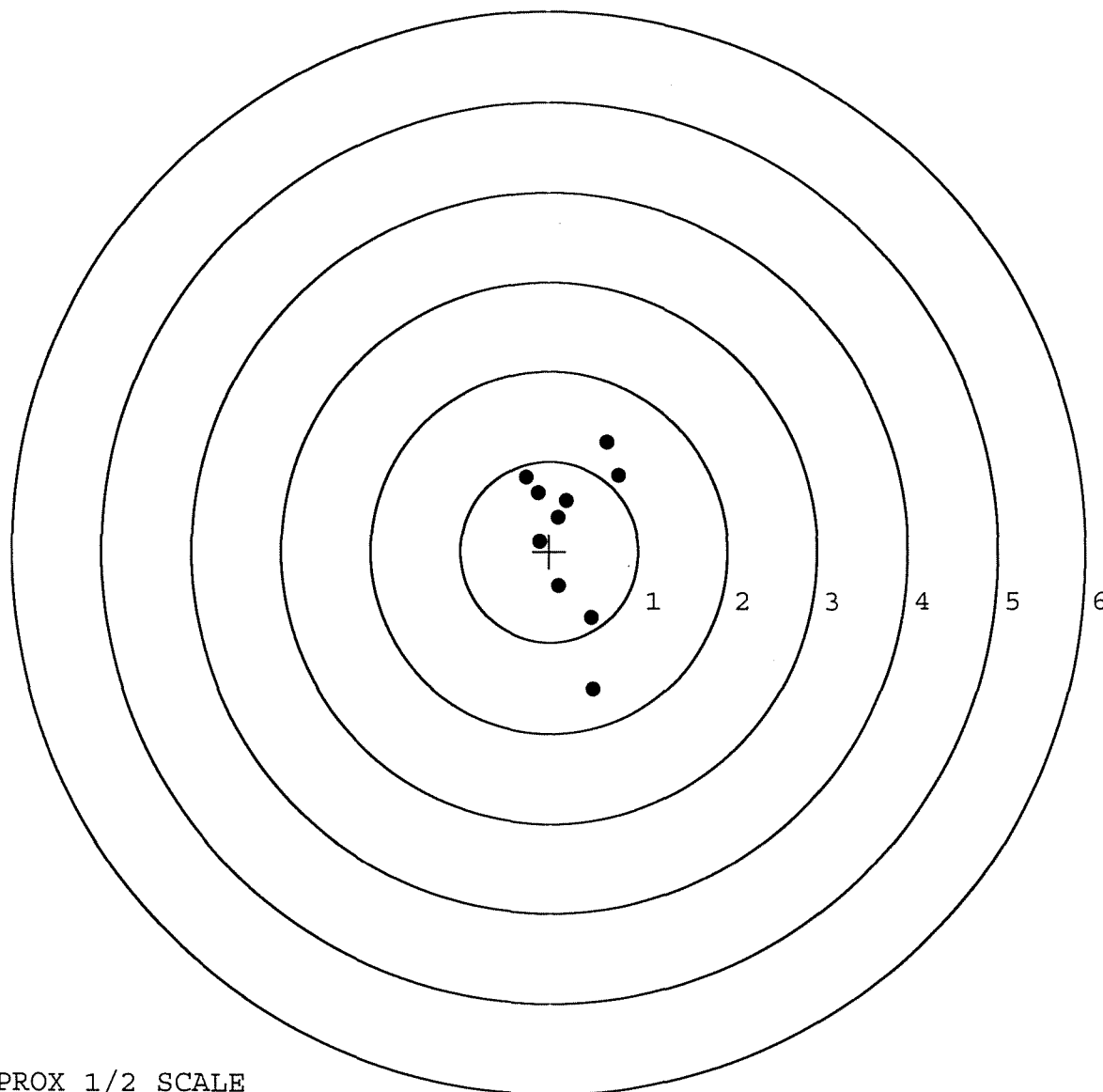
MAX RADIUS: 1.729

MEAN RADIUS: 0.756

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 9

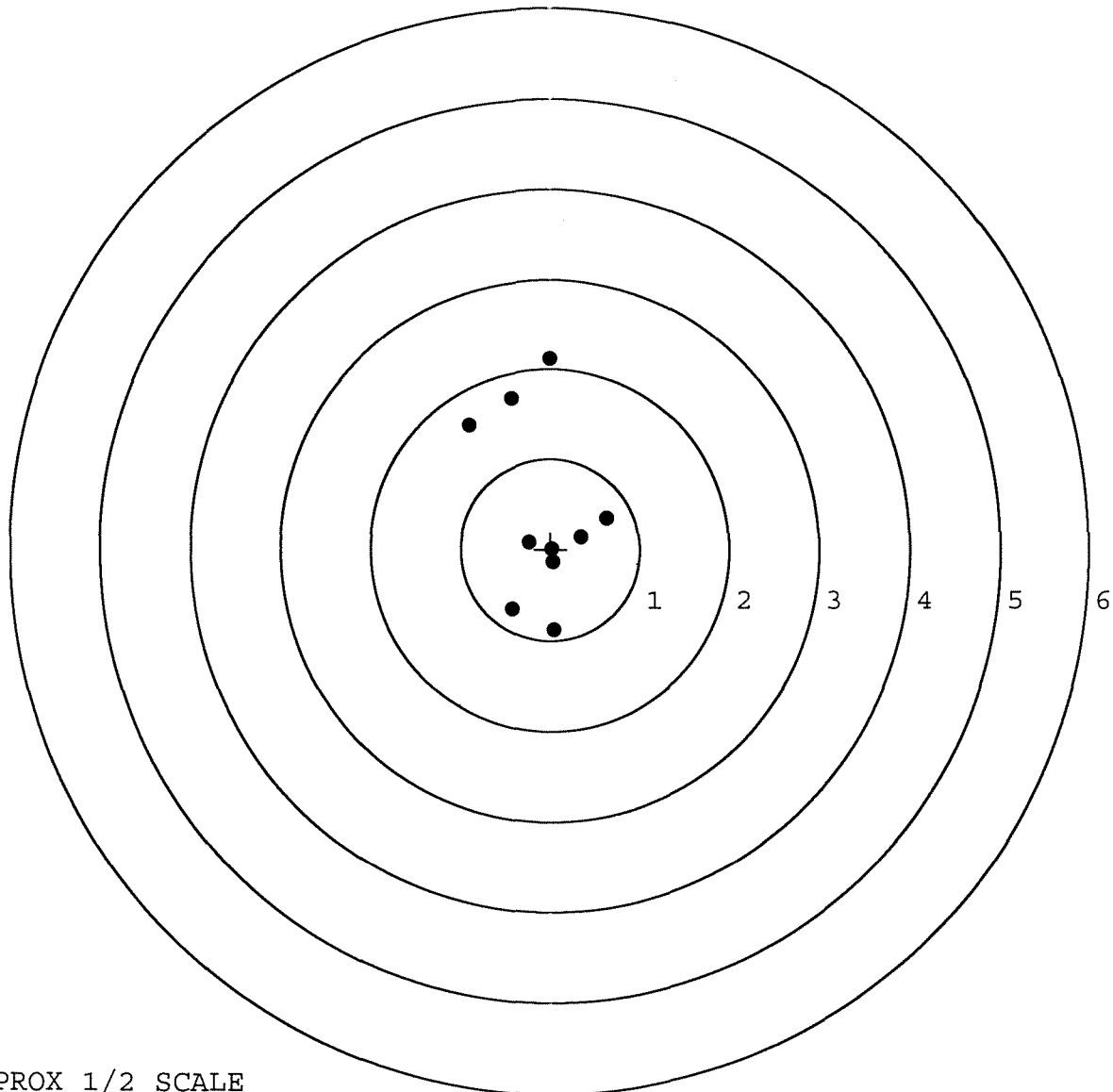


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590174. \_\_1  
 TARGET NUMBER: 5  
 FILE DATE: 04/24/2009  
 FILE TIME: 05:24

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.020  | 0.002  |
| 2:     | 0.000  | 2.108  |
| 3:     | -0.436 | 1.672  |
| 4:     | -0.900 | 1.369  |
| 5:     | 0.045  | -0.887 |
| 6:     | -0.428 | -0.658 |
| 7:     | 0.635  | 0.346  |
| 8:     | 0.341  | 0.137  |
| 9:     | 0.028  | -0.146 |
| 10:    | -0.246 | 0.077  |

X CENTROID: -0.094  
 Y CENTROID: 0.402  
 POA TO CENTROID: 0.413  
 HORZ SPREAD: 1.535  
 VERT SPREAD: 2.995  
 GROUP SPREAD: 2.995  
 MIN RADIUS: 0.359  
 MAX RADIUS: 1.709  
 MEAN RADIUS: 0.927  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 5  
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

## Repair Inquiry

Repair Number: RE00126842

Serial: C6225202 Model M24 SWS Center Fire  
Produced: 06/21/1989

Repairman:

Verify Repair

Status:

New 3/16/2007 3:06:40 PM

## 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:

State: KY

Zip Code: 42223

Country:

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   |

## Repair Search

Refresh

Close

nagletj

3/19/2007

8:50 AM

CAPS

NUM

INS

SCRL



2 Micros...

Part Sear...

2 Micros...

5 Intern...

Arms Ser...

8:50 AM

Serial  
Number:

C6225202

Model: M24 SWS



RE00126842

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

DA FORM 2404, APR 79 Replaces edition of 1 Jan 64, which will be used USAPPC V1.10

|                                                            |  |                                                                |  |                                                                                                                                                                             |  |                                                                                                        |  |                                                                                                                                     |  |
|------------------------------------------------------------|--|----------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------|--|
| 2a. SAMS-2 UIC/SAMS-I/TDA                                  |  | 2b. UTILIZATION CODE                                           |  | 2c. MCSR                                                                                                                                                                    |  | 4a. UIC SUPPORT UNIT                                                                                   |  | 4b. SUPPORT UNIT NAME<br><b>1 CO 526</b>                                                                                            |  |
| SECTION III - EQUIPMENT DATA                               |  |                                                                |  |                                                                                                                                                                             |  |                                                                                                        |  |                                                                                                                                     |  |
| 5. TYPE MNT REQ CODE                                       |  | 6. ID                                                          |  | 7. NSN<br><b>1005-011-24021136</b>                                                                                                                                          |  | 15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code)<br>See DA Pamphlets 738-750 and 738-751 |  |                                                                                                                                     |  |
| 8. MODEL<br><b>RIFLE M24</b>                               |  | 9. NOUN<br><b>RIFLE 7.62MM SNIPER</b>                          |  | 10a. ORG WON/DOC NO                                                                                                                                                         |  | 10b. EIC                                                                                               |  | 15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code)<br>See DA Pamphlets 738-750 and 738-751                           |  |
| 11. SERIAL NUMBER<br><b>C6225202</b>                       |  | 12. QTY<br><b>001</b>                                          |  | 13. PD                                                                                                                                                                      |  | 17. PROJECT CODE (if assigned)                                                                         |  | 18. ACCOUNT PROCESSING CODE                                                                                                         |  |
| 14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use) |  | 21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N) |  | 22. LEVEL OF WORK                                                                                                                                                           |  | 23. SIGNATURE                                                                                          |  | 16. MILES/KILOMETERS/HOURS/ROUNDS<br>M <input type="text"/> K <input type="text"/><br>H <input type="text"/> R <input type="text"/> |  |
| 19. IN WARRANTY (enter Y or N)                             |  | 20. ADMIN NO                                                   |  | 24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)<br><b>EXCEEDED ROUND COUNT</b> |  |                                                                                                        |  |                                                                                                                                     |  |
| 25. REMARKS                                                |  |                                                                |  |                                                                                                                                                                             |  |                                                                                                        |  |                                                                                                                                     |  |

### PREPARATION INSTRUCTIONS FOR THIS PAGE

#### SECTION I

Block 1a. Enter UIC of submitting organization.  
 Block 1b. Enter name of submitting organization.  
 Block 1c. Enter number to be called when maint. is completed.  
 Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit.  
 Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751.  
 Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.

#### SECTION II

Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.

#### SECTION III

Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751.  
 Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751.  
 Block 7. Enter the NSN or stock number of the item being submitted.  
 Block 8. Enter model of item being submitted.  
 Block 9. Enter noun/nomenclature of item being submitted.  
 Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank.  
 Block 10b. Enter End Item Code. See AMDF.  
 Block 11. Enter serial number of item being submitted.

#### SECTION III (Cont'd)

Block 12. Enter the quantity of items being submitted.  
 Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1.  
 Block 14. For DSU, GSU/AVIM, DEPOT use.  
 Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751.  
 Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751.  
 Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting.  
 Block 17. Enter the project code if one has been assigned. If not, leave blank.  
 Block 18. See DA Pamphlets 738-750 and 738-751.  
 Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty.  
 Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted.  
 Block 21. For DSU/GSU/AVIM/Depot use.  
 Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act.  
 Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank.  
 Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint.  
 Block 25. Self-explanatory.

|                                             |  |                  |  |           |  |
|---------------------------------------------|--|------------------|--|-----------|--|
| 34a. SUBMITTED BY<br><b>J. N. Henderson</b> |  | 35a. ACCEPTED BY |  | 35c. DATE |  |
| 34b. DATE<br><b>07067</b>                   |  | 35b. STATUS      |  | 35d. TIME |  |

Block 34a. Enter first initial and last name of submitter.  
 Block 34b. Enter ordinal date submitted (YYDDD).  
 Block 35a. Enter first initial and last name of person accepting maint. request.  
 Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751.  
 Block 35c. Enter ordinal date accepted (YYDDD).  
 Block 35d. Enter military time.

## SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590174.\_\_\_\_0

FILE DATE AND TIME: 04/12/2007 15:04

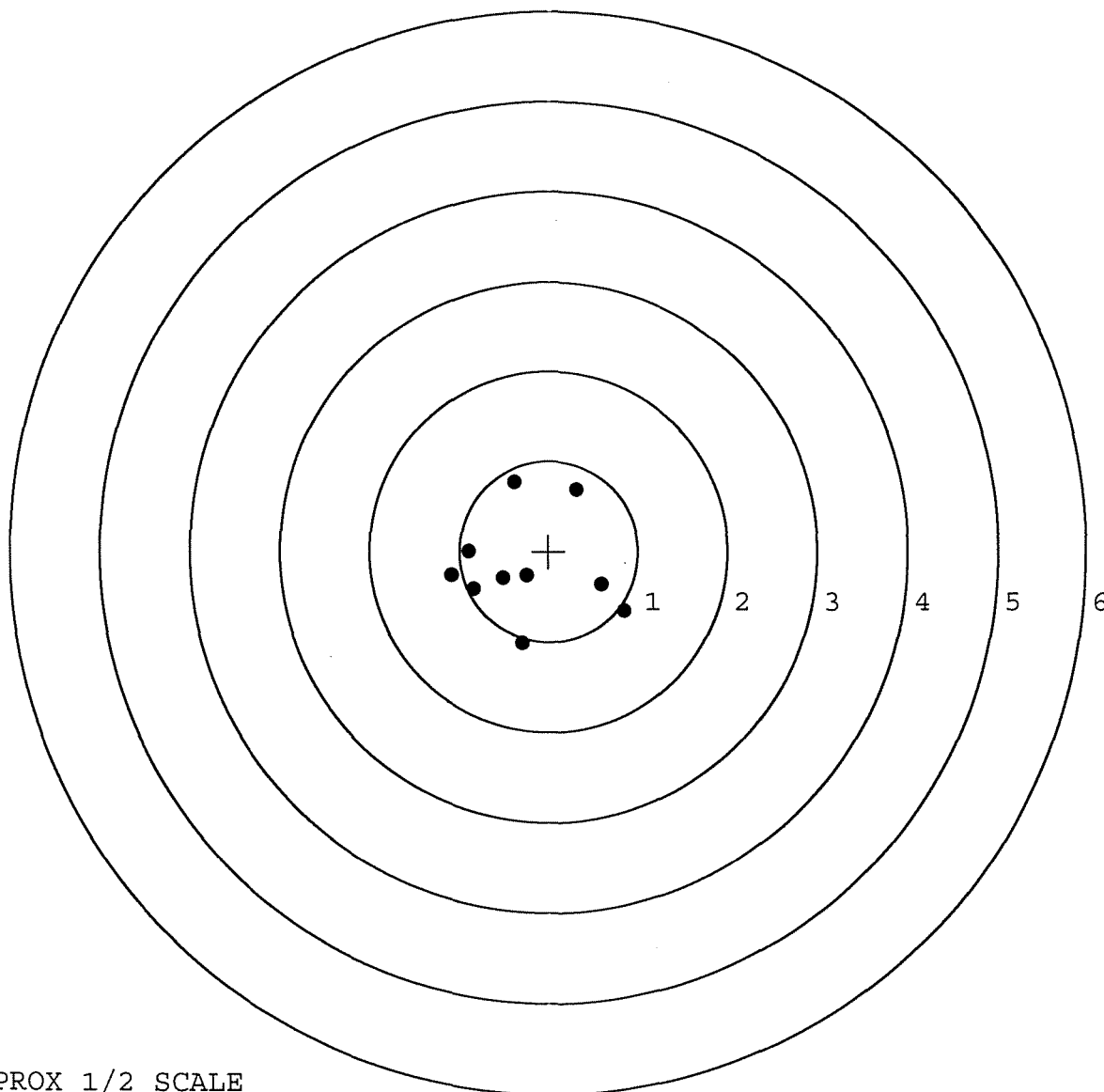
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.082 |
| The Average Y Centroid of the Five Target Set:              | -0.135 |
| The Average Point of Impact of the Five Target Set:         | 0.158  |
| The Average Mean Radius of the Five Target Set:             | 0.692  |
| The Distance from POA to Centroid Target #1:                | 0.316  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.420  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.257  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.216  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.114  |

SERIAL NUMBER: G6590174. \_\_0  
 TARGET NUMBER: 1  
 FILE DATE: 04/12/2007  
 FILE TIME: 15:04

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.841  | -0.660 |
| 2:     | 0.587  | -0.361 |
| 3:     | -0.299 | -1.021 |
| 4:     | -0.250 | -0.271 |
| 5:     | -0.515 | -0.294 |
| 6:     | -0.899 | -0.004 |
| 7:     | -1.087 | -0.273 |
| 8:     | -0.845 | -0.417 |
| 9:     | 0.310  | 0.681  |
| 10:    | -0.393 | 0.761  |

X CENTROID: -0.255  
 Y CENTROID: -0.186  
 POA TO CENTROID: 0.316  
 HORZ SPREAD: 1.928  
 VERT SPREAD: 1.782  
 GROUP SPREAD: 1.966  
 MIN RADIUS: 0.085  
 MAX RADIUS: 1.194  
 MEAN RADIUS: 0.739  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 10

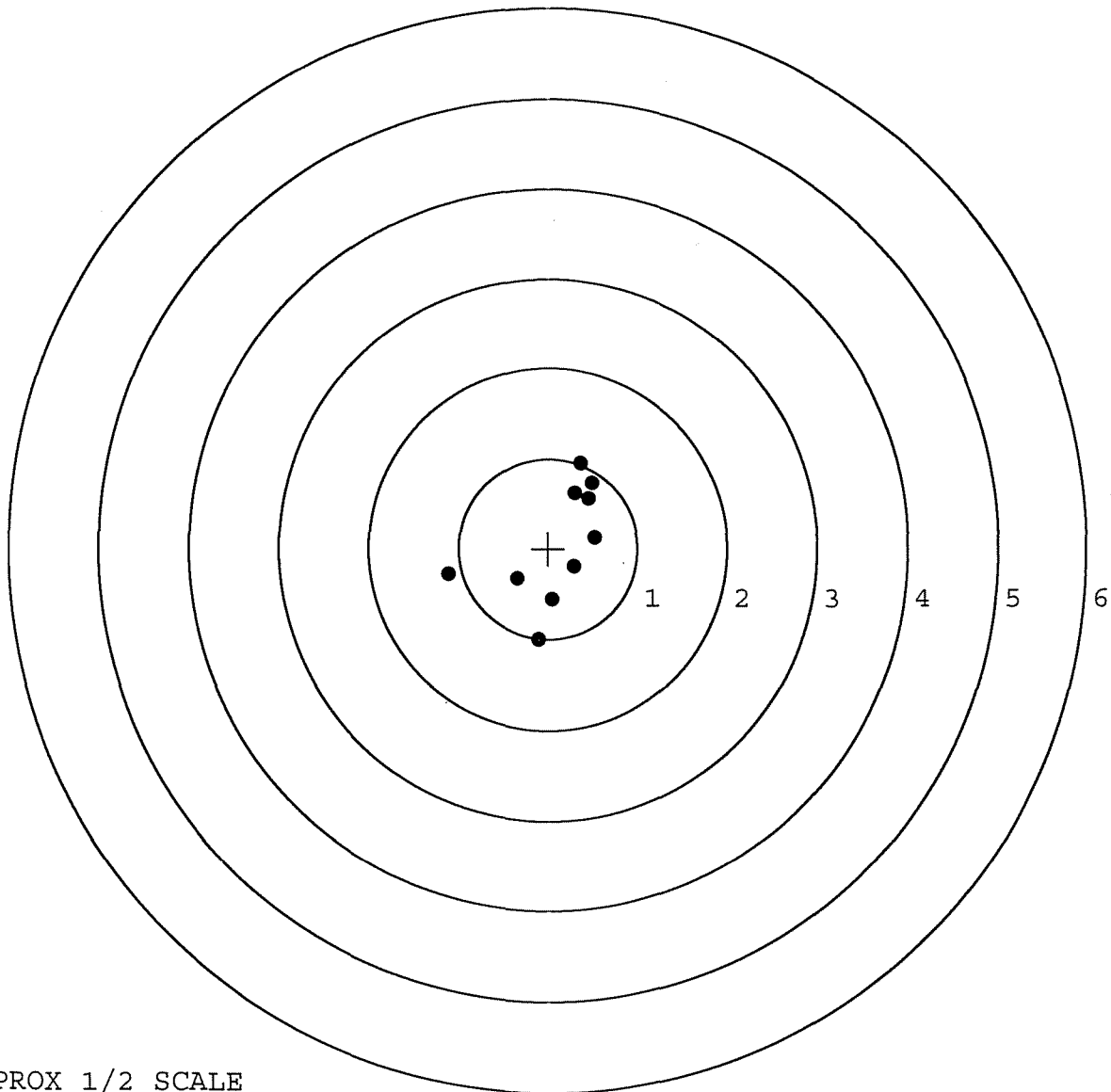


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590174. \_\_0  
 TARGET NUMBER: 2  
 FILE DATE: 04/12/2007  
 FILE TIME: 15:04

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.118 | -1.011 |
| 2:     | 0.042  | -0.567 |
| 3:     | 0.288  | -0.203 |
| 4:     | 0.523  | 0.125  |
| 5:     | 0.294  | 0.618  |
| 6:     | 0.491  | 0.729  |
| 7:     | 0.365  | 0.950  |
| 8:     | -0.347 | -0.339 |
| 9:     | -1.117 | -0.287 |
| 10:    | 0.452  | 0.560  |

X CENTROID: 0.087  
 Y CENTROID: 0.057  
 POA TO CENTROID: 0.105  
 HORZ SPREAD: 1.640  
 VERT SPREAD: 1.961  
 GROUP SPREAD: 1.930  
 MIN RADIUS: 0.329  
 MAX RADIUS: 1.253  
 MEAN RADIUS: 0.726  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590174. 0

TARGET NUMBER: 3

FILE DATE: 04/12/2007

FILE TIME: 15:04

X CENTROID: -0.015

Y CENTROID: -0.094

POA TO CENTROID: 0.095

HORZ SPREAD: 1.414

VERT SPREAD: 1.539

GROUP SPREAD: 1.601

MIN RADIUS: 0.186

MAX RADIUS: 0.830

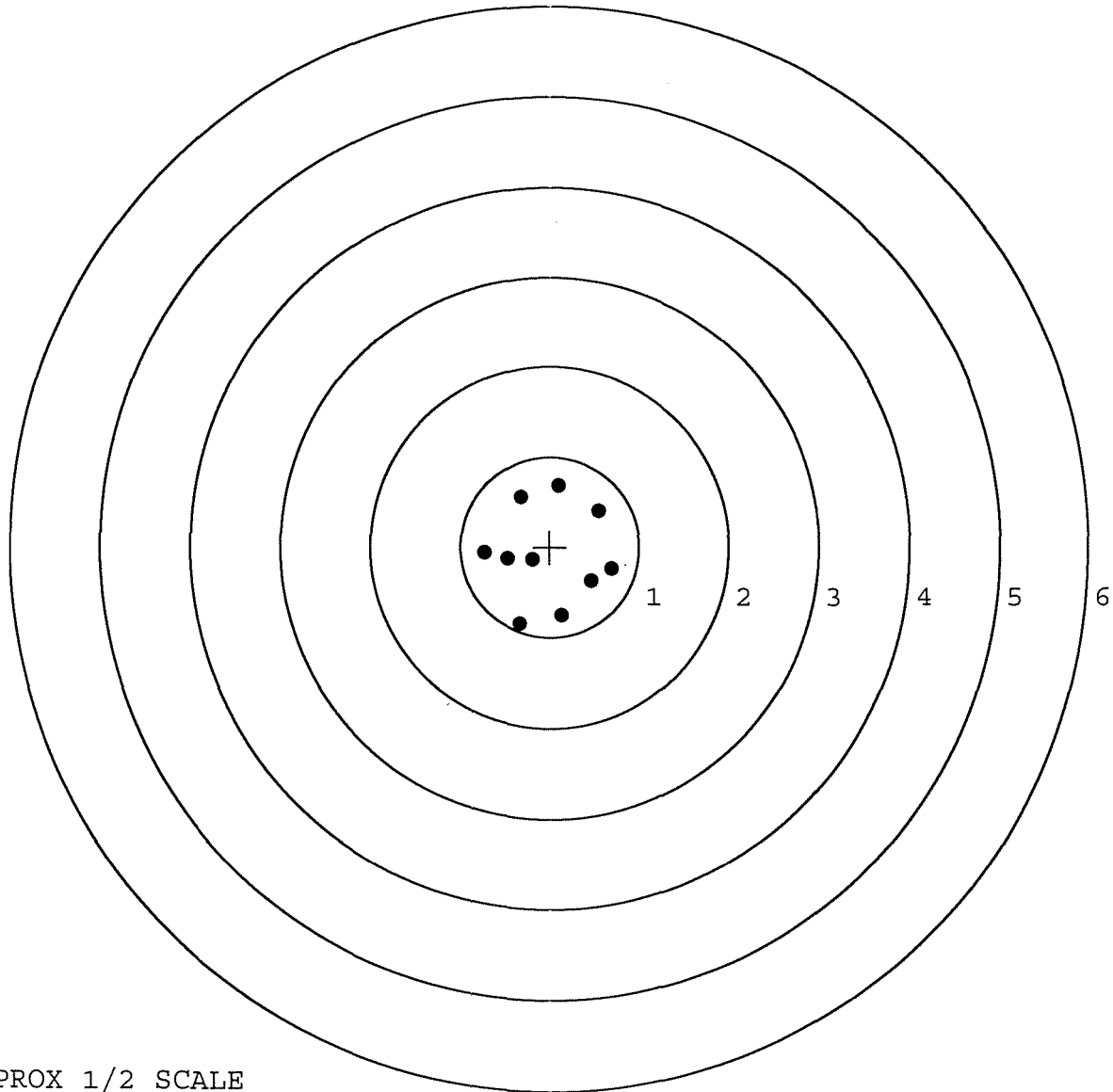
MEAN RADIUS: 0.640

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.687  | -0.244 |
| 2:     | 0.462  | -0.374 |
| 3:     | 0.131  | -0.760 |
| 4:     | -0.342 | -0.857 |
| 5:     | 0.545  | 0.401  |
| 6:     | 0.099  | 0.682  |
| 7:     | -0.333 | 0.555  |
| 8:     | -0.194 | -0.145 |
| 9:     | -0.480 | -0.127 |
| 10:    | -0.727 | -0.068 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590174. \_\_0

TARGET NUMBER: 4

FILE DATE: 04/12/2007

FILE TIME: 15:04

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.118  | 0.010  |
| 2:     | 0.906  | 0.491  |
| 3:     | 0.230  | -0.083 |
| 4:     | -1.101 | -0.846 |
| 5:     | -0.852 | -0.701 |
| 6:     | -0.332 | -0.807 |
| 7:     | -0.122 | -0.616 |
| 8:     | -0.241 | -0.472 |
| 9:     | -0.127 | -0.147 |
| 10:    | -0.253 | 0.074  |

X CENTROID: -0.077

Y CENTROID: -0.310

POA TO CENTROID: 0.319

HORZ SPREAD: 2.219

VERT SPREAD: 1.337

GROUP SPREAD: 2.412

MIN RADIUS: 0.170

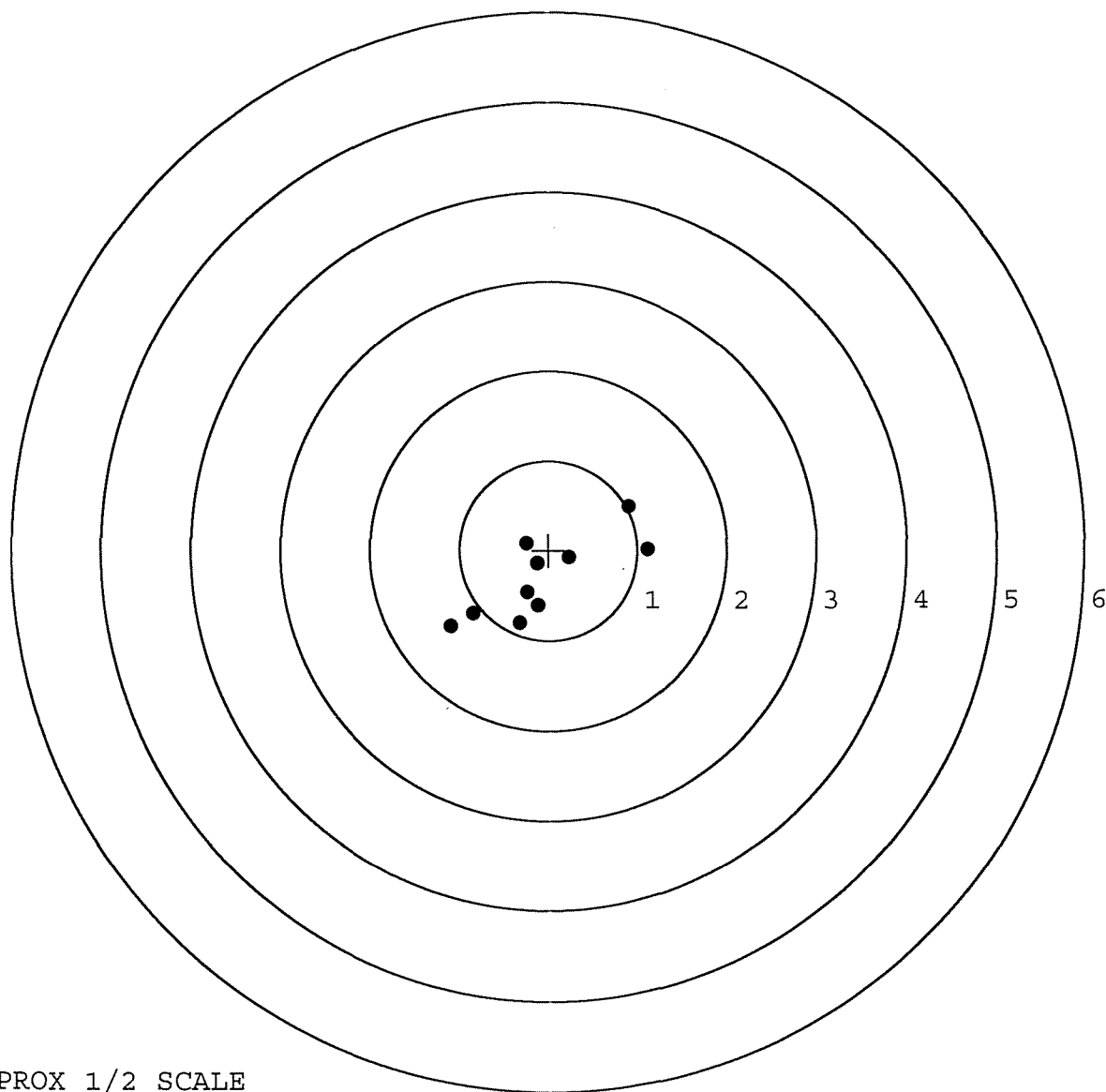
MAX RADIUS: 1.268

MEAN RADIUS: 0.660

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10

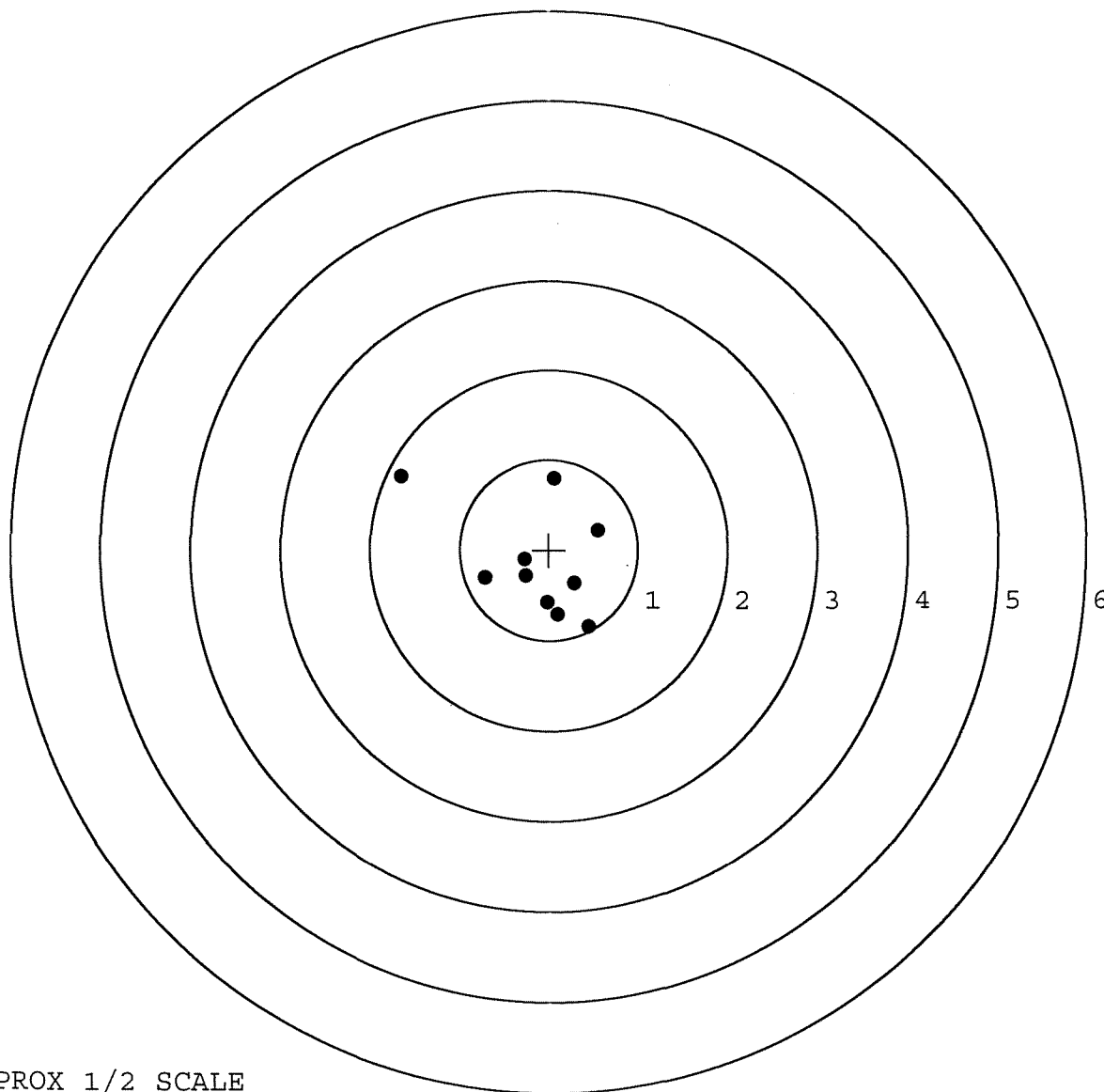


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590174. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 04/12/2007  
FILE TIME: 15:04

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.655 | 0.818  |
| 2:     | 0.058  | 0.793  |
| 3:     | 0.546  | 0.218  |
| 4:     | 0.446  | -0.853 |
| 5:     | 0.283  | -0.372 |
| 6:     | 0.095  | -0.720 |
| 7:     | -0.022 | -0.585 |
| 8:     | -0.261 | -0.288 |
| 9:     | -0.276 | -0.112 |
| 10:    | -0.717 | -0.311 |

X CENTROID: -0.150  
Y CENTROID: -0.141  
POA TO CENTROID: 0.206  
HORZ SPREAD: 2.201  
VERT SPREAD: 1.671  
GROUP SPREAD: 2.684  
MIN RADIUS: 0.129  
MAX RADIUS: 1.784  
MEAN RADIUS: 0.694  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

|               |                      |                                           |                             |         |
|---------------|----------------------|-------------------------------------------|-----------------------------|---------|
| R & E NUMBER  | 126842               |                                           |                             |         |
| SERIAL NUMBER | C6225202             |                                           | C6590174 (New)              |         |
| LOG-IN DATE   | 3-16-07              |                                           |                             |         |
| OPERATION #   | OPERATION NAME       |                                           | DATE                        | INITIAL |
| 500           | DIS-ASSEMBLE GUN     |                                           | 3-28-07                     | RTL     |
| 505           | RE-BARREL            |                                           | 4-3-07                      | RTL     |
| 560           | ASSEMBLE             |                                           | 4-3-07                      | RTL     |
| 600           | PROOF                |                                           | 4-3-07                      | TRW     |
| 605           | CHECK HEADSPACE      | INSPECTED                                 | 4-3-07                      | TRW     |
| 610           | DIS-ASSEMBLE GUN     | APR 05 2007                               | 4-4-07                      | RTL     |
| 612           | MAGNAFLUX            | OPERATOR <u>APD</u>                       | 4-5-07                      |         |
| 510           | DRILL AND TAP        |                                           | 4-4-07                      | TRW     |
| 615           | ROLLMARK CALIBER     |                                           | 4-5-07                      | CW      |
| 618           | ROTO-BLAST           |                                           | 4-5-07                      | UB      |
| 620           | APPLY COATINGS       |                                           | 4/9/07                      | ZS      |
| 625           | FINAL ASSEMBLY       |                                           | 4-12-07                     | RTL     |
| 640           | FUNCTION TEST AND    | PASS FAIL                                 | 4-12-07                     | TRW     |
| 650           | TARGET               | PASS FAIL                                 | 4-12-07                     | TRW     |
|               | MALFUNCTION          | CORRECTION                                |                             |         |
|               | MALFUNCTION          | CORRECTION                                |                             |         |
|               | MALFUNCTION          | CORRECTION                                |                             |         |
|               | MALFUNCTION          | CORRECTION                                | 4-12-07                     | Fm      |
| 670           | FINAL INSPECTION     |                                           |                             |         |
|               | A) HEADSPACE         | PASS FAIL                                 |                             |         |
|               | B) TRIGGER PULL      | +/- .5 LBS<br>MIN 2.50 LBS<br>MAX 4.0 LBS | 255 255 239 244 249 4/19/07 | non     |
| 680           | F) SAFETY ON FORCE   | 2 LBS MIN<br>10 LBS MAX                   | 5.5 5.0 5.25 4/19/07        | non     |
|               | G) SAFETY OFF FORCE  | 2 LBS<br>MIN                              | 3.0 3.0 3.75 4/19/07        | non     |
|               | I) FIRING PIN INDENT | .020                                      | .023 .022 .022 4/19/07      | non     |
| 690           | PACK                 |                                           | 4-24-07                     | EA      |

**Remington**<sup>®</sup>

**MODEL 700<sup>TM</sup> H24**

**UPONT**  
REG. U.S. PAT. & TM. OFF.

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

**SERIAL NO.**  
C6225202

**ORDER NO.**  
**5716**

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

Ø1

5716 C6225202

**UPC**

0 47700 25716 7

RECEIVING AND ESTIMATING REPORT

ORDER  
R 99-16330

BARBER - M24 M160099

WOG 1 OF 4  
W/HARD CASE

INITIAL  
SWS

CUSTOMER ORDER NO.

DATE RECEIVED  
08/20/99

DATE OPENED  
08/24/99

DATE CODE  
AJ 3/89

SERIAL NUMBER  
C6225202

NEW SERIAL NUMBER

MODEL AND GRADE  
700 7.62NAT M24 SWS

ACCESSORIES  
W/STUDS

SCOPE BASE  
W/ADJ BUTT PLATE

FROM:

SHIP TO:

COMMANDER  
101ST ABN DIV (AASLT)  
ATTN: AFZB-DL-S-P-S  
FORT CAMPBELL  
KY 42223

COMMANDER  
101ST ABN DIV (AASLT)  
ATTN: AFZB-DL-S-P-S  
FORT CAMPBELL  
KY 42223

CUST NO:061543 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA  
UPS

GUN CONDITION

☐ NEW

☐ LIGHTLY WORN

☐ WORN

☐ VERY WORN

☐ UNREPAIRABLE

☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

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

MAIN FAULT

PARTS

COMMENTS

BBL  
Stock

96003  
96018

REPAIRMAN  
RW

PROOF  
L

CLEAN  
L

TEST  
L

TARGET  
L

PATTERN

GALLERY TESTER  
RW

DATE

DATE

DATE

DATE

DATE

11-22-99

11-23-99

11-23-99

DATE: 19990802

MAINTENANCE REQUEST

DA FORM 5990-E

----- CUSTOMER -----  
UIC: WACQAA 2/502 INF PHONE: (502) 798-2433  
UTIL CODE: 0

-----  
SUP WON: 2690 AC B C  
SUP UIC: WFFJ3B0 PHONE: 798-2871  
SHOP SEC: A

TYPE MNT REQ: 1

MODEL: M24

NOUN: RIFLE, 7.62

QTY: 00001

ORG WON:

ED: F

MI/

UNDS:

IN WAR

IN NUM:

DEPARTMENT OF THE ARMY  
COMMAUNDER 101 ST ABN  
Ft CAMPBELL, KY 42223-5000  
OFFICIAL BUSINESS  
PENALTY FOR PRIVATE USE, \$300

REMINGTON ARMS Co. INC  
14 HOEFER AVE  
P.O. BOX 179  
ILION, NY 13357

SUBMITTED

DATE: 99215

MIL TIME: \_\_\_\_\_

ACCEPTED BY: \_\_\_\_\_

ORD DATE: 99215

MIL TIME: \_\_\_\_\_

TION DATA

WORK STARTED BY: 05

STATUS: E

ORD DATE: \_\_\_\_\_

MIL TIME: \_\_\_\_\_

INSPECTED BY: 053

STATUS: R

ORD DATE: \_\_\_\_\_

MIL TIME: \_\_\_\_\_

PICKED UP BY: Ridge-Adkins

STATUS: L

ORD DATE: \_\_\_\_\_

MIL TIME: \_\_\_\_\_

COMPLETION DATA

QTY RPR: \_\_\_\_\_

QTY CONDEMNED: \_\_\_\_\_

NRTS: \_\_\_\_\_

EVAC WON: \_\_\_\_\_

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

[illegible]

[illegible]

## 21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&amp;E NO.

SERIAL NO. C6225202

| LOG IN DATE: / /  |                          | DATE     | INIT. |
|-------------------|--------------------------|----------|-------|
| INSPECT & VERIFY: |                          | 8-24-99  | RW    |
| OP. #             | OP. NAME                 |          |       |
| 550               | DIS-ASSEMBLE GUN         | 8-24-99  | RW    |
| 560 A             | RE-BARREL AT CUSTOM SHOP |          |       |
| B                 | DRILL & TAP              |          |       |
| C                 | POLISH                   |          |       |
| 575               | ASSEMBLE                 |          |       |
| 600               | PROOF                    | 10-20-99 | RW    |
| 605               | CHECK HEADSPACE          | 10-20-99 | RW    |
| 610               | DIS-ASSEMBLE             |          |       |
| 612               | MAGNAFLUX                | 10-21-99 | RW    |
| 615               | ROLLMARK CALIBER         |          |       |
| 618               | ROTO-BLAST               |          |       |
| 620               | APPLY COATINGS           |          |       |
| 625 A             | FINAL ASSEMBLY           | 11-18-99 | RW    |
| B                 | TRIGGER PULL TEST        |          |       |
| C                 | SAFETY ON FORCE          |          |       |
| D                 | SAFETY OFF FORCE         |          |       |
| E                 | FIRING PIN INDENT        |          |       |
| 640               | TARGET                   | 11-23-99 | RW    |
| 655               | FINAL INSPECT            | 12-7-99  | RW    |
| 660               | PACK                     |          |       |

QAR INSPECTION

SHIP DATE

## Final Inspection

Sn: C6225202

DATE REC'D: 8-20-99

DATE RET'D:

Auditor: RW

Item:

Barrel Assy.

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

Scope Assy.

☐ Scope☐ Scope Rings☒ Mounting Screws☒ Mounting Base☒ SCREWS☐ FINISH☐ Looseness☐ CLARITY

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

☒ Stock☒ Sling Swivel Studs☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☐ Scope Case☐ Inon SIGHTS☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments:

Remington Test Lab, Ilion, N.Y.

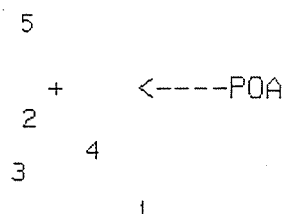
Centroidal distance calculations for Rifle # c6225202  
6 Dec 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0386  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3026  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .305052

THE AMR FOR THIS RIFLE IS: 1.225

### CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .96696  |
| 1 TO | 2 | .940496 |
| 1 TO | 3 | .848156 |
| 1 TO | 4 | .505128 |
| 1 TO | 5 | 1.41536 |

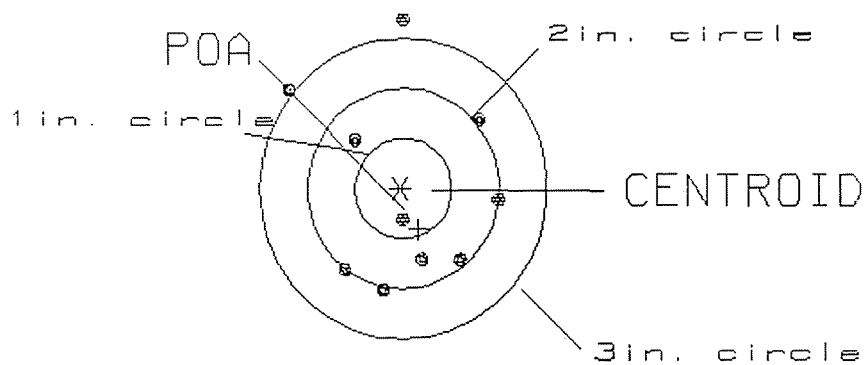


PATTERN #: ☐ 1 ☐  
 POA TO CENTROID: .454  
 MIN RADIUS : .300  
 MEAN RADIUS : .995  
 MAX RADIUS : 1.642  
 CENTROID X : -.194  
 CENTROID Y : .410

23 Nov 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225202

## CENTERFIRE PATTERN # 1



# OF SHOTS= 10

# IN CIRCLE

HS= 2.21

1

VS= 2.68

5

GS= 2.69

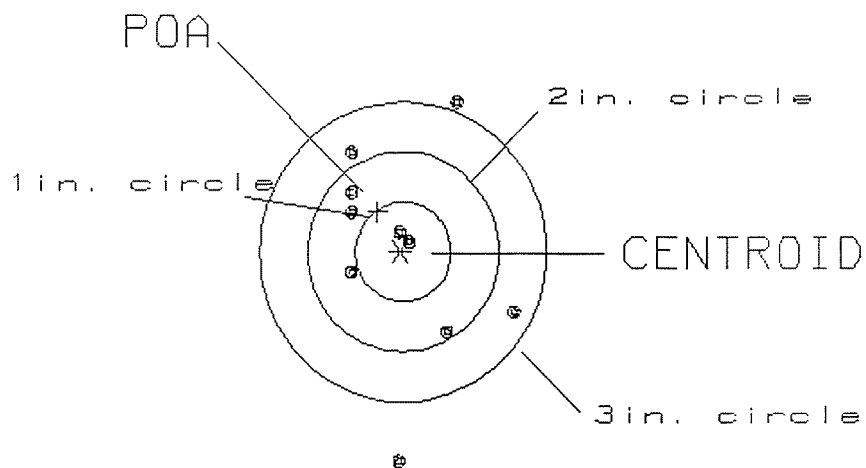
8

PATTERN #: ☐ 2 ☐  
 POA TO CENTROID: .465  
 MIN RADIUS : .129  
 MEAN RADIUS : .951  
 MAX RADIUS : 2.123  
 CENTROID X : .239  
 CENTROID Y : -.399

23 Nov 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225282

## CENTERFIRE PATTERN # 2



# OF SHOTS= 10

# IN CIRCLE

HS= 1.72  
 VS= 3.62  
 GS= 3.66

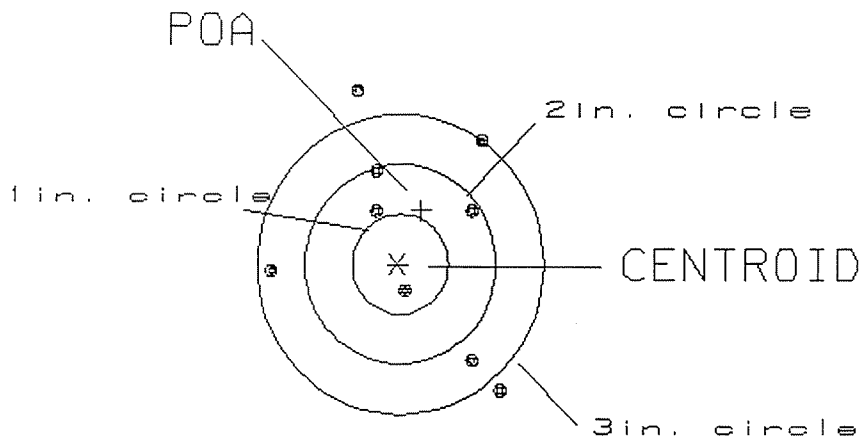
2  
 6  
 8

PATTERN #: ☐ 3 ☐  
 POA TO CENTROID: .593  
 MIN RADIUS : .322  
 MEAN RADIUS : 1.307  
 MAX RADIUS : 2.713  
 CENTROID X : -.246  
 CENTROID Y : -.539

23 Nov 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225202

## CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 2.41  
 VS= 4.19  
 GS= 4.26

1  
 4  
 7

PATTERN #: 4

POA TO CENTROID: .265

MIN RADIUS : .436

MEAN RADIUS : 1.364

MAX RADIUS : 2.324

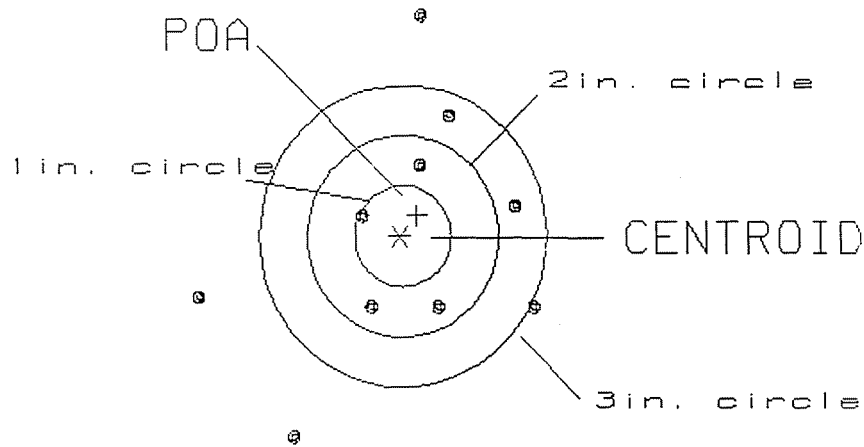
CENTROID X : -.172

CENTROID Y : -.201

23 Nov 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225202

## CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 3.53

1

VS= 4.27

4

GS= 4.48

6

PATTERN #: 5

POA TO CENTROID: .967

MIN RADIUS : .634

MEAN RADIUS : 1.509

MAX RADIUS : 2.359

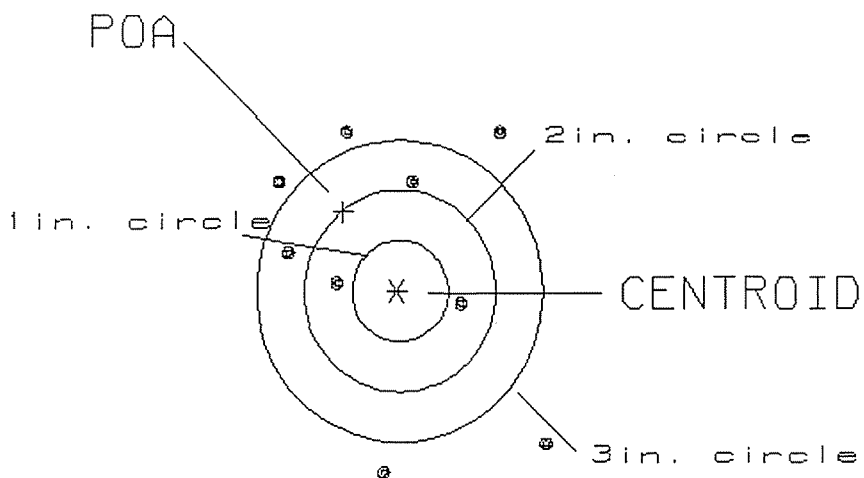
CENTROID X : .566

CENTROID Y : -.784

23 Nov 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225202

## CENTERFIRE PATTERN # 5



# OF SHOTS= 10

# IN CIRCLE

HS= 2.73

0

VS= 3.91

2

GS= 4.01

4

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225202

| OP. #        | OP. NAME                                                       | READINGS | DATE    | INIT |
|--------------|----------------------------------------------------------------|----------|---------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 3 17     | 89      | RW   |
| 600          | Proof                                                          | 3 17     | 89      | RW   |
| 607          | Check Headspace                                                | 2 17     | 89      | RW   |
| 610          | Dis-assemble Gun                                               | 3 17     | 89      | RW   |
| 612          | Magnaflux Barrel<br>Action                                     |          | 3/21    | KCR  |
|              | Magnaflux Bolt                                                 |          | 3/21    | KCR  |
| 615          | Rollmark Caliber                                               |          | 3/21    | LS   |
| 617          | Drill and Tap Sight Holes                                      | 3 22     | 89      | FB   |
| 618          | Polish Barrel                                                  | 3 22     | 89      | BT   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 3-31-89 | ISA  |
|              | Apply Coating (Bolt)                                           |          |         |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 4/3/89  | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 4/3/89  | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 4/3/89  | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 4/3/89  | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 4-3-89  | LS   |

| op. #        | OP. NAME                                                    | READINGS |      |      |      |      | DATE        | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|------|------|-------------|------|
| 625<br>cont. | F) Safety On Force                                          | 7        | 7    | 7    |      |      | 4-7-89      | JH   |
|              | G) Safety Off Force                                         | 3        | 3    | 3    |      |      | 4-7-89      | JH   |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |      |      | 4-3-89      | E.S. |
|              | I) Firing Pin Indent                                        | .020     | .020 | .021 |      |      | 4-7-89      | JH   |
|              | J) Assemble Stock                                           |          |      |      |      |      | 4/12/89     | RW   |
|              | K) Assemble Swivel Studs                                    |          |      |      |      |      | 17 April 89 | JS   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |      |      |      | 4/12/89     | RW   |
|              | M) Iron Sight Alignment                                     |          |      |      |      |      | 4/12/89     | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |      |      |      | 4/12/89     | RW   |
|              | O) Attach Scope to Rifle                                    |          |      |      |      |      | 4/12/89     | JH   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |      |      |      | 4/13/89     | JH   |
| 640          | Gallery Target & Test                                       | 58 R     | 93 L |      |      |      | 4/14/89     | DH   |
|              | A) Time                                                     |          |      |      |      |      | 4/14/89     | DH   |
|              | B) Malfunctions                                             |          |      |      |      |      | 4/14/89     | DH   |
|              | C) Pierced Primers                                          |          |      |      |      |      | 4/14/89     | DH   |
|              | D) Optical Clarity of Scope                                 |          |      |      |      |      | 4/14/89     | DH   |
| 645          | Inspect for Live Ammo                                       |          |      |      |      |      | 4/14/89     | DH   |
| 655          | Final Inspection                                            |          |      |      |      |      |             |      |
|              | A) Headspace                                                |          |      |      |      |      | 17 April 89 | JS   |
|              | B) Trigger Pull                                             | 2.18     | 2.37 | 2.27 | 2.34 | 2.30 | 17 April 89 | JS   |
|              | C) Function                                                 |          |      |      |      |      | 17 April 89 | JS   |
| 660          | Pack                                                        |          |      |      |      |      | 20 April 89 | JS   |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225202DATE 4-4-90TESTER JH

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-------|------------------------------------------------------------------------|
| PULL #1 | 2.41             | 2.38                     |                                | 2.49  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.30             | 2.34                     |                                | 2.31  |                                                                        |
| PULL #3 | 2.33             | 2.34                     |                                | 2.21  |                                                                        |
| PULL #4 | 2.32             | 2.44                     |                                | 2.36  |                                                                        |
| PULL #5 | 2.40             | 2.32                     |                                | 2.30  |                                                                        |
| TOTAL   | 11.76            | 11.82                    |                                | 11.67 |                                                                        |
| AVG.    | 2.352            | 2.364                    |                                | 2.334 |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.52             | 3.25                     |  |          |
| PULL #2 | 3.54             | 3.43                     |  |          |
| PULL #3 | 3.56             | 3.34                     |  |          |
| PULL #4 | 3.45             | 3.32                     |  |          |
| PULL #5 | 3.44             | 3.41                     |  |          |
| TOTAL   | 17.45            | 16.75                    |  |          |
| AVG.    | 3.49             | 3.35                     |  |          |

|         | 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 | 4.27             | 4.11                     |                                |                                      |
| PULL #2 | 4.18             | 4.25                     |                                |                                      |
| PULL #3 | 4.38             | 4.35                     |                                |                                      |
| PULL #4 | 4.33             | 4.30                     |                                |                                      |
| PULL #5 | 4.33             | 4.37                     |                                |                                      |
| TOTAL   | 21.49            | 21.38                    |                                |                                      |
| AVG.    | 4.298            | 4.276                    |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6225202  
17 Apr 1989

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| Ø TO | 1 | .876316 |
| 1 TO | 2 | .405098 |
| 1 TO | 3 | .171143 |
| 1 TO | 4 | .244659 |
| 1 TO | 5 | .310696 |

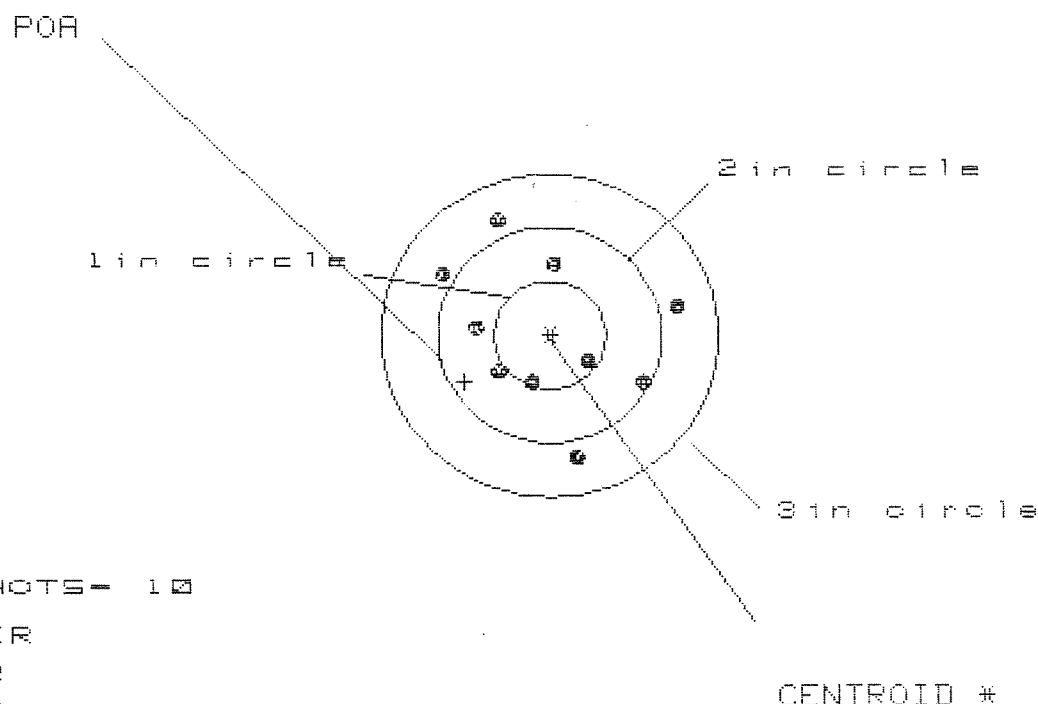
+  <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .5778  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .4034  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .704687  
THE AMR FOR THIS RIFLE IS: .9982

14 Apr 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C68225202

## CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 5

3 in = 10

HS= 2.140

VS= 2.223

GS= 2.339

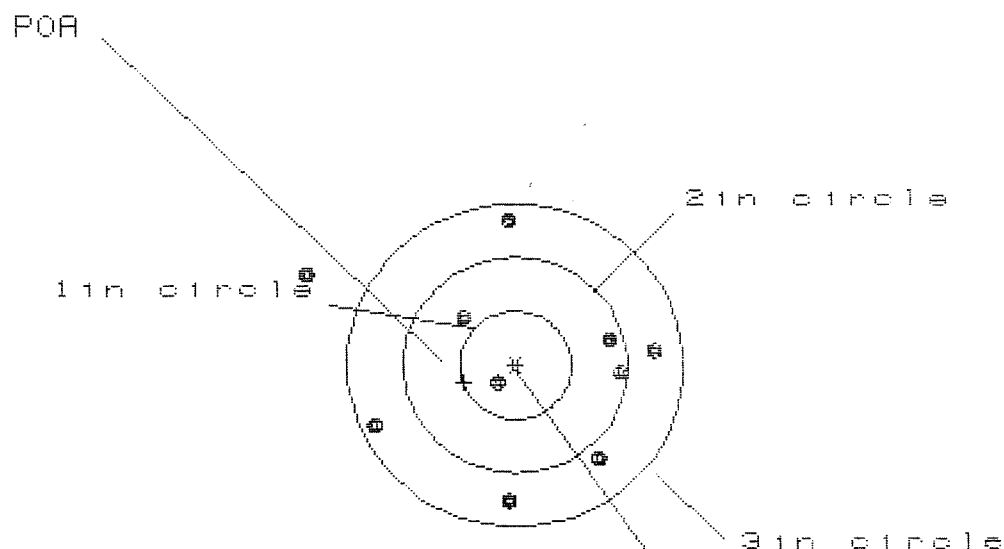
| PATTERN #                   | : | 1      | 9      | 8     |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.180  | 1.012  | .970  |
| MINIMUM X                   | : | -.960  | -.829  | -.871 |
| MAXIMUM Y                   | : | 1.098  | 1.126  | .832  |
| MINIMUM Y                   | : | -1.125 | -1.097 | -.956 |
| CENTROID X                  | : | .763   | .632   | .674  |
| CENTROID Y                  | : | .431   | .403   | .262  |
| POA TO CENTROID in.         | : | .876   | .749   | .723  |
| MIN RADIUS                  | : | .370   | .409   | .270  |
| MEAN RADIUS                 | : | .840   | .784   | .712  |
| MAX RADIUS                  | : | 1.207  | 1.176  | 1.124 |
| HORIZONTAL SPREAD           | : | 2.140  | 1.841  | 1.841 |
| VERTICAL SPREAD             | : | 2.223  | 2.223  | 1.788 |
| EXTREME SPREAD              | : | 2.339  | 2.339  | 2.105 |
| NUMBER IN ONE INCH CIRCLE   | = | 2      |        |       |
| NUMBER IN TWO INCH CIRCLE   | = | 5      |        |       |
| NUMBER IN THREE INCH CIRCLE | = | 10     |        |       |

14 Apr 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/06225202

## CENTERFIRE PATTERNS

# 2



# OF SHOTS- 10

# IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 3.110

VS= 2.576

GS= 3.177

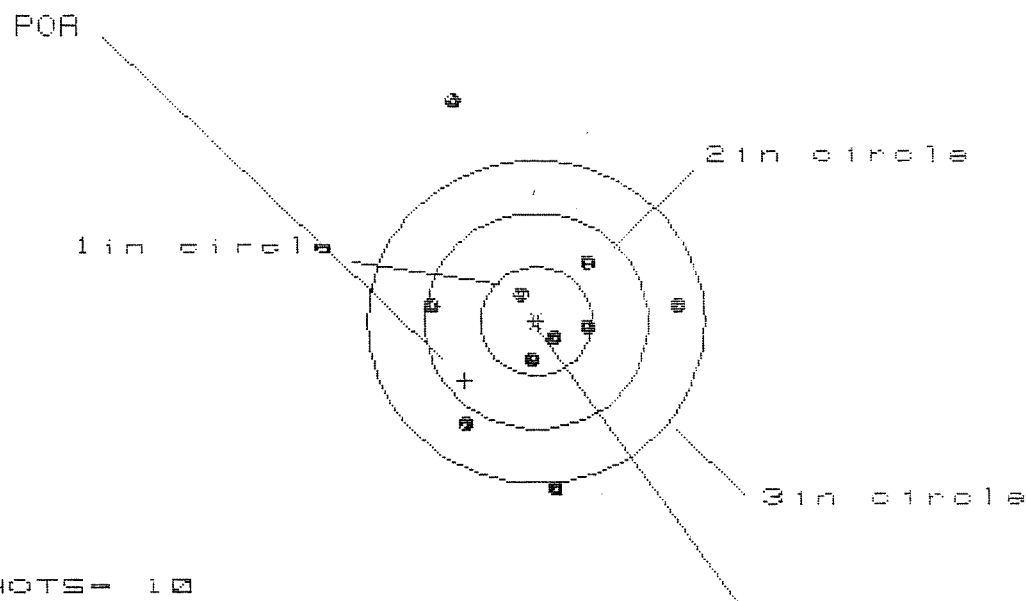
| PATTERN #                   | : | 2      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.224  | 1.015  | .837   |
| MINIMUM X                   | : | -1.886 | -1.422 | -.845  |
| MAXIMUM Y                   | : | 1.308  | 1.397  | 1.334  |
| MINIMUM Y                   | : | -1.268 | -1.179 | -1.242 |
| CENTROID X                  | : | .461   | .670   | .848   |
| CENTROID Y                  | : | .161   | .072   | .135   |
| POA TO CENTROID in.         | : | .488   | .674   | .859   |
| MIN RADIUS                  | : | .242   | .404   | .558   |
| MEAN RADIUS                 | : | 1.111  | .987   | .898   |
| MAX RADIUS                  | : | 2.048  | 1.509  | 1.415  |
| HORIZONTAL SPREAD           | : | 3.110  | 2.437  | 1.682  |
| VERTICAL SPREAD             | : | 2.576  | 2.576  | 2.576  |
| EXTREME SPREAD              | : | 3.177  | 2.577  | 2.577  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

14 Apr 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C6225202

## CENTERFIRE PATTERNS

# 3



# OF SHOTS- 10

# IN CIR

1 in = 4

2 in = 6

3 in = 8

HS= 2.178

VS= 3.640

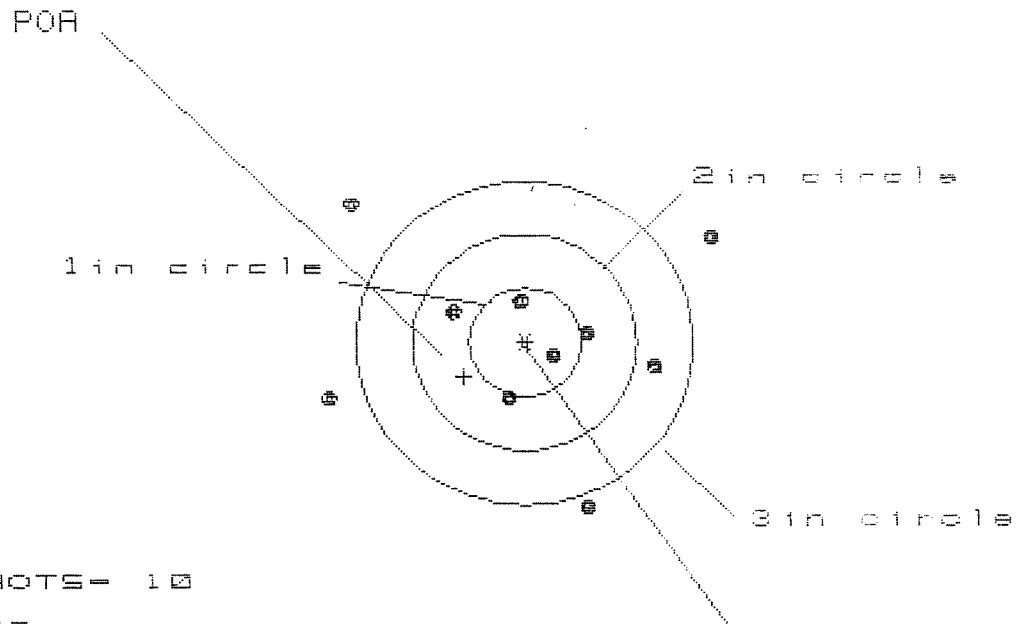
GS= 3.741

| PATTERN #                     | 3      |
|-------------------------------|--------|
| SHOTS (BEST OF)               | 10     |
| MAXIMUM X                     | 1.236  |
| MINIMUM X                     | -.942  |
| MAXIMUM Y                     | 2.064  |
| MINIMUM Y                     | -1.576 |
| CENTROID X                    | .640   |
| CENTROID Y                    | .550   |
| POA TO CENTROID in.           | .844   |
| MIN RADIUS                    | .253   |
| MEAN RADIUS                   | .985   |
| MAX RADIUS                    | 2.188  |
| HORIZONTAL SPREAD             | 2.178  |
| VERTICAL SPREAD               | 3.640  |
| EXTREME SPREAD                | 3.741  |
| NUMBER IN ONE INCH CIRCLE =   | 4      |
| NUMBER IN TWO INCH CIRCLE =   | 6      |
| NUMBER IN THREE INCH CIRCLE = | 8      |

14 Apr 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C62252B2

## CENTERFIRE PATTERNS # 4



# OF SHOTS= 10

# IN CIR

1 in = 2

2 in = 5

3 in = 6

HS= 3.318

VS= 2.796

GS= 3.649

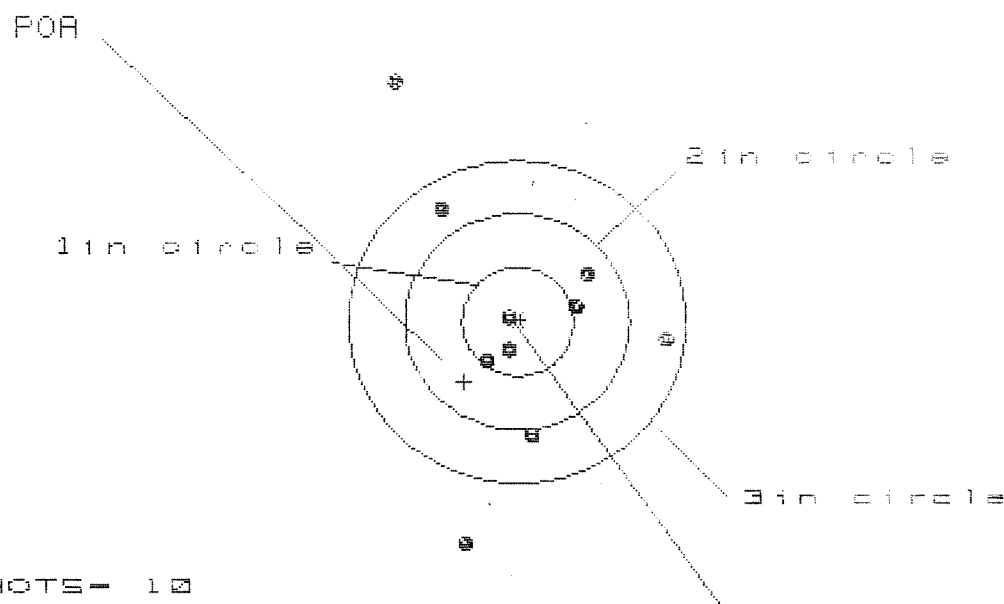
CENTROID #

| PATTERN #                     | 4      |        |        |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.612  | 1.437  | 1.199  |
| MINIMUM X                     | -1.706 | -1.881 | -1.702 |
| MAXIMUM Y                     | 1.256  | 1.134  | .663   |
| MINIMUM Y                     | -1.540 | -1.401 | -1.259 |
| CENTROID X                    | .546   | .721   | .542   |
| CENTROID Y                    | .318   | .179   | .037   |
| POA TO CENTROID in.           | .632   | .743   | .543   |
| MIN RADIUS                    | .262   | .038   | .247   |
| MEAN RADIUS                   | 1.110  | .975   | .838   |
| MAX RADIUS                    | 2.020  | 1.920  | 1.719  |
| HORIZONTAL SPREAD             | 3.318  | 3.318  | 2.901  |
| VERTICAL SPREAD               | 2.796  | 2.535  | 1.922  |
| EXTREME SPREAD                | 3.649  | 3.649  | 2.914  |
| NUMBER IN ONE INCH CIRCLE =   |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 6      |        |

14 Apr 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/08225282

## CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1 in = 4

2 in = 5

3 in = 8

HS= 2.346

VS= 4.309

GS= 4.346

CENTROID #

| PATTERN #                     | 5      | 9      | 8      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.294  | 1.177  | 1.102  |
| MINIMUM X                     | -1.052 | -0.760 | -0.835 |
| MAXIMUM Y                     | 2.256  | 1.264  | 1.038  |
| MINIMUM Y                     | -2.053 | -1.802 | -1.022 |
| CENTROID X                    | .479   | .596   | .671   |
| CENTROID Y                    | .557   | .306   | .532   |
| POA TO CENTROID in.           | .734   | .670   | .856   |
| MIN RADIUS                    | .098   | .168   | .262   |
| MEAN RADIUS                   | 1.025  | .852   | .701   |
| MAX RADIUS                    | 2.489  | 1.899  | 1.332  |
| HORIZONTAL SPREAD             | 2.346  | 1.937  | 1.937  |
| VERTICAL SPREAD               | 4.309  | 3.066  | 2.060  |
| EXTREME SPREAD                | 4.346  | 3.070  | 2.274  |
| NUMBER IN ONE INCH CIRCLE =   | 4      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 5      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 8      |        |        |