

C6349073

MODEL 700™ M24

Model **S&S**™

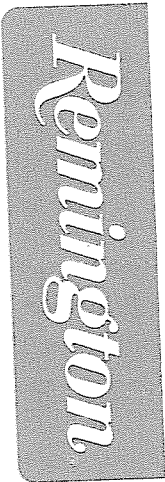
Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.



# Arms Services Repair & Estimate System

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

## Repair Inquiry

Repair Number: **RE00128535**

Serial: C6349073 Model M24 SWS Center Fire  
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

New 4/24/2007 7:48:39 AM

### Address Information

Customer:

Received From

Return To:

Received From

Name: ISSD ARMSROOM

ISSD ARMSROOM

Address 1: 8TH DESERT STORM

8TH DESERT STORM

Address 2: BLDG 5210 BAY DOOR #30

PO Box:

BLDG 5210 BAY DOOR #30

PO Box:

City: FORT CAMPBELL

FORT CAMPBELL

State: KY

Zip Code: 42223

Country: US

State: KY

Zip Code: 42223

Country: US

FFL:

### Contact / Condition

### Problems

### Estimate

### History / Status

### Shipping / Billing

#### Contact Information

Phone: NN

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 | Frt and Rear Sgt Base | 1   |

### Repair Search

### Refresh

### Close

nagletj

4/24/2007

8:10 AM

CAPS

NUM

INS

SCRL



3 Mi...

5 In...

Arms ...

Part ...

6 Mi...

2 W...



8:10 AM

Serial Number:

**C6349073**

Model: M24 SWS



**RE00128535**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349073.\_\_\_0  
FILE DATE AND TIME: 06/01/2007 15:40

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.056 |
| The Average Y Centroid of the Five Target Set:              | -0.027 |
| The Average Point of Impact of the Five Target Set:         | 0.062  |
| The Average Mean Radius of the Five Target Set:             | 0.580  |
| The Distance from POA to Centroid Target #1:                | 0.175  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.409  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.220  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.166  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.352  |

**BARBER - M24 0107199**

SERIAL NUMBER: C6349073. \_\_0

TARGET NUMBER: 1

FILE DATE: 06/01/2007

FILE TIME: 15:40

X CENTROID: 0.139

Y CENTROID: -0.107

POA TO CENTROID: 0.175

HORZ SPREAD: 1.444

VERT SPREAD: 3.582

GROUP SPREAD: 3.595

MIN RADIUS: 0.301

MAX RADIUS: 2.257

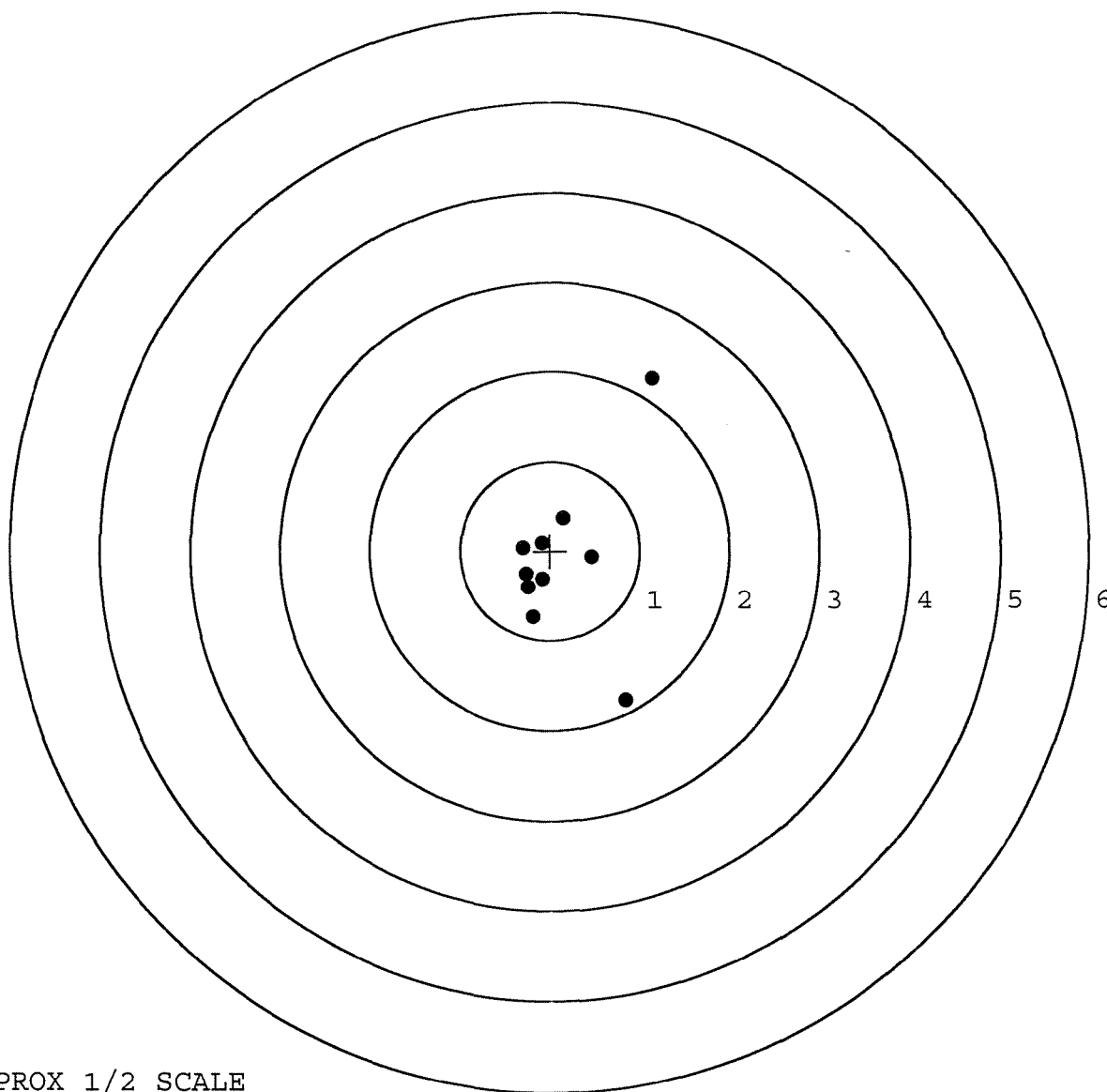
MEAN RADIUS: 0.749

# IN 1 IN DIAMETER: 7

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 8

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.143  | 0.362  |
| 2:     | 0.469  | -0.073 |
| 3:     | -0.089 | 0.089  |
| 4:     | -0.304 | 0.034  |
| 5:     | -0.267 | -0.264 |
| 6:     | -0.092 | -0.320 |
| 7:     | -0.251 | -0.407 |
| 8:     | -0.196 | -0.741 |
| 9:     | 0.834  | -1.667 |
| 10:    | 1.140  | 1.915  |



TARGET APPROX 1/2 SCALE

**BARBER - M24 0107200**

SERIAL NUMBER: C6349073. \_\_0

TARGET NUMBER: 2

FILE DATE: 06/01/2007

FILE TIME: 15:40

X CENTROID: -0.270

Y CENTROID: -0.099

POA TO CENTROID: 0.287

HORZ SPREAD: 1.633

VERT SPREAD: 1.345

GROUP SPREAD: 1.831

MIN RADIUS: 0.058

MAX RADIUS: 1.017

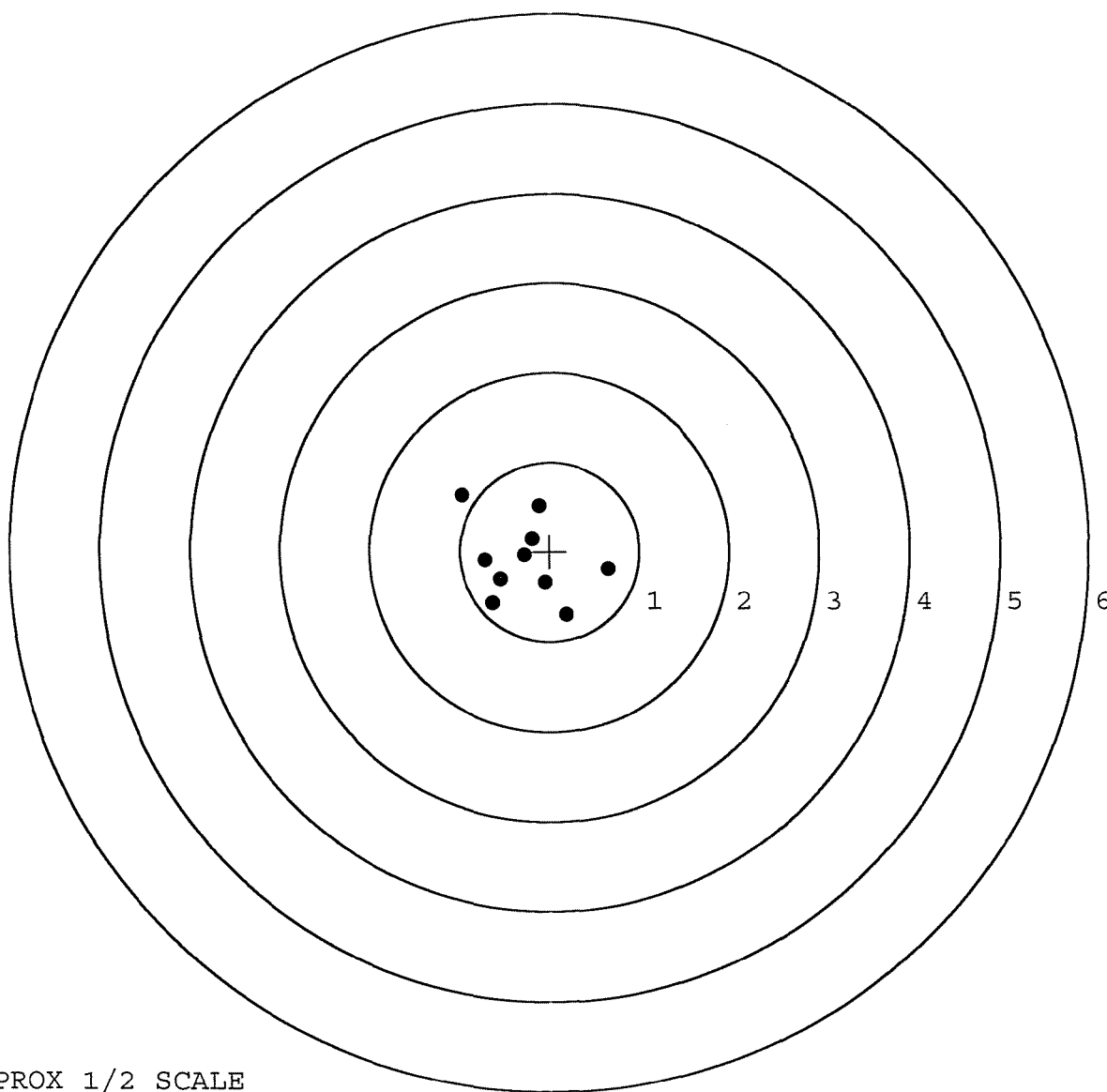
MEAN RADIUS: 0.537

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.123 | 0.511  |
| 2:     | -0.199 | 0.145  |
| 3:     | -0.714 | -0.098 |
| 4:     | -0.549 | -0.307 |
| 5:     | -0.284 | -0.043 |
| 6:     | -0.055 | -0.347 |
| 7:     | 0.657  | -0.197 |
| 8:     | 0.180  | -0.713 |
| 9:     | -0.635 | -0.575 |
| 10:    | -0.976 | 0.632  |

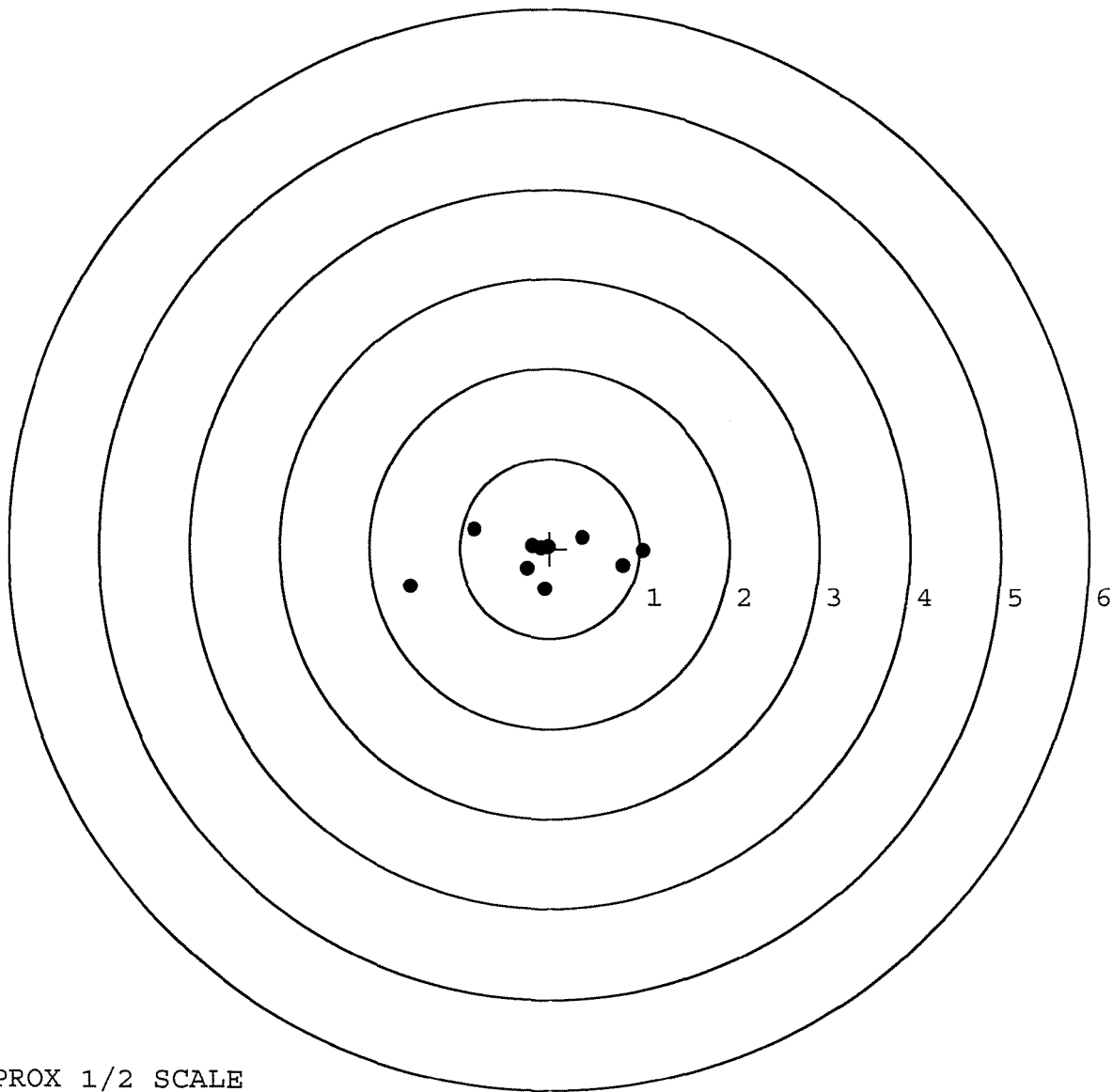


TARGET APPROX 1/2 SCALE

**BARBER - M24 0107201**

SERIAL NUMBER: C6349073. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 06/01/2007  
FILE TIME: 15:40

|                     | POINT# | X      | Y      |
|---------------------|--------|--------|--------|
|                     | 1:     | -0.838 | 0.217  |
|                     | 2:     | -1.541 | -0.425 |
|                     | 3:     | 0.362  | 0.126  |
|                     | 4:     | -0.026 | 0.021  |
|                     | 5:     | -0.198 | 0.036  |
|                     | 6:     | -0.255 | -0.228 |
|                     | 7:     | -0.056 | -0.454 |
|                     | 8:     | 0.812  | -0.197 |
|                     | 9:     | 1.038  | -0.031 |
|                     | 10:    | -0.102 | 0.013  |
| X CENTROID:         |        | -0.080 |        |
| Y CENTROID:         |        | -0.092 |        |
| POA TO CENTROID:    |        | 0.122  |        |
| HORZ SPREAD:        |        | 2.579  |        |
| VERT SPREAD:        |        | 0.671  |        |
| GROUP SPREAD:       |        | 2.609  |        |
| MIN RADIUS:         |        | 0.107  |        |
| MAX RADIUS:         |        | 1.498  |        |
| MEAN RADIUS:        |        | 0.582  |        |
| # IN 1 IN DIAMETER: |        | 6      |        |
| # IN 2 IN DIAMETER: |        | 8      |        |
| # in 3 IN DIAMETER: |        | 10     |        |



TARGET APPROX 1/2 SCALE

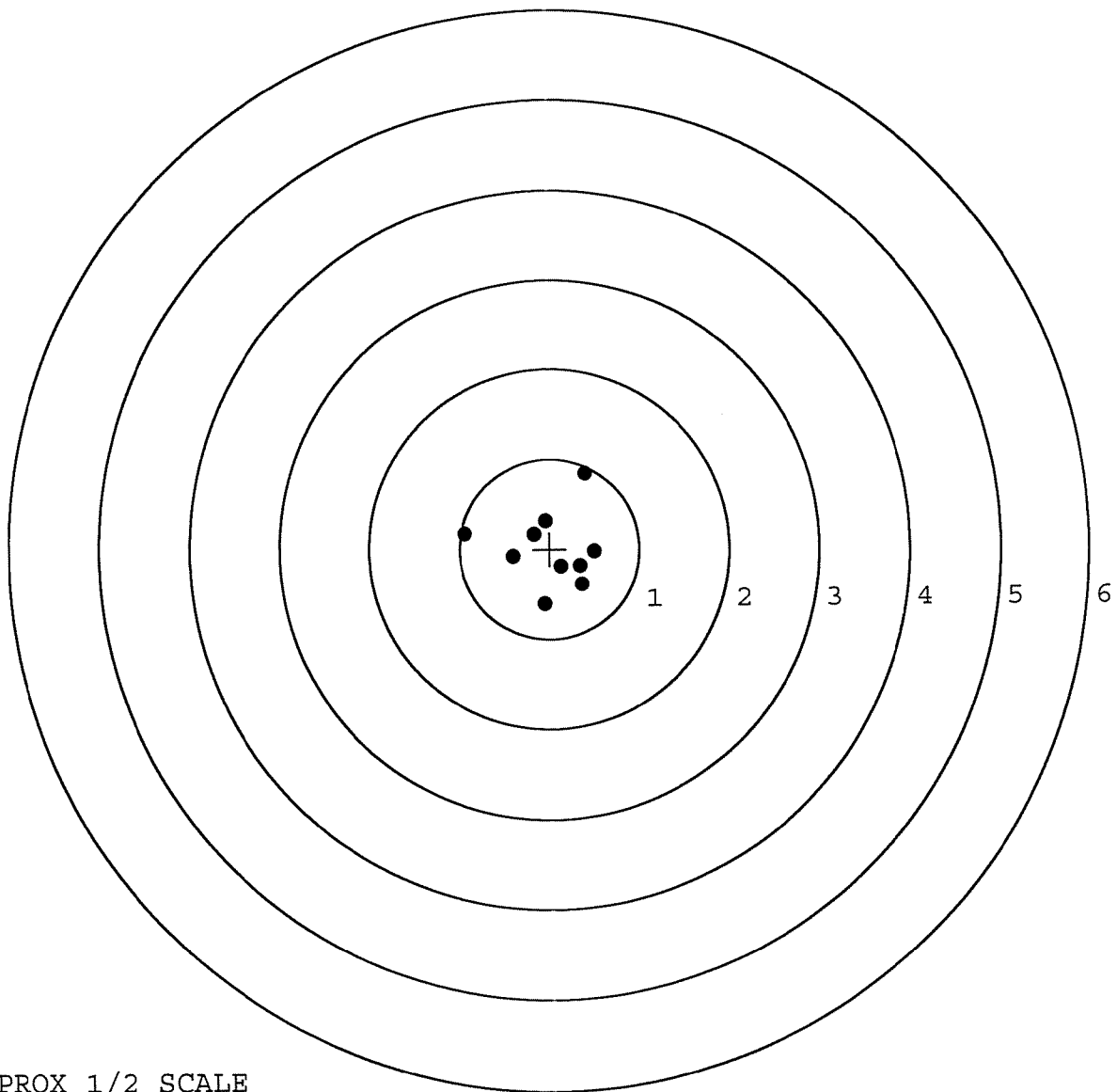
**BARBER - M24 0107202**

SERIAL NUMBER: C6349073. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 06/01/2007  
FILE TIME: 15:40

X CENTROID: 0.010  
Y CENTROID: -0.003  
POA TO CENTROID: 0.010  
HORZ SPREAD: 1.447  
VERT SPREAD: 1.452  
GROUP SPREAD: 1.500  
MIN RADIUS: 0.227  
MAX RADIUS: 0.970  
MEAN RADIUS: 0.514

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

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.405  | 0.835  |
| 2:     | -0.053 | 0.311  |
| 3:     | -0.174 | 0.161  |
| 4:     | -0.409 | -0.083 |
| 5:     | -0.943 | 0.177  |
| 6:     | -0.061 | -0.617 |
| 7:     | 0.125  | -0.199 |
| 8:     | 0.362  | -0.398 |
| 9:     | 0.342  | -0.191 |
| 10:    | 0.504  | -0.028 |

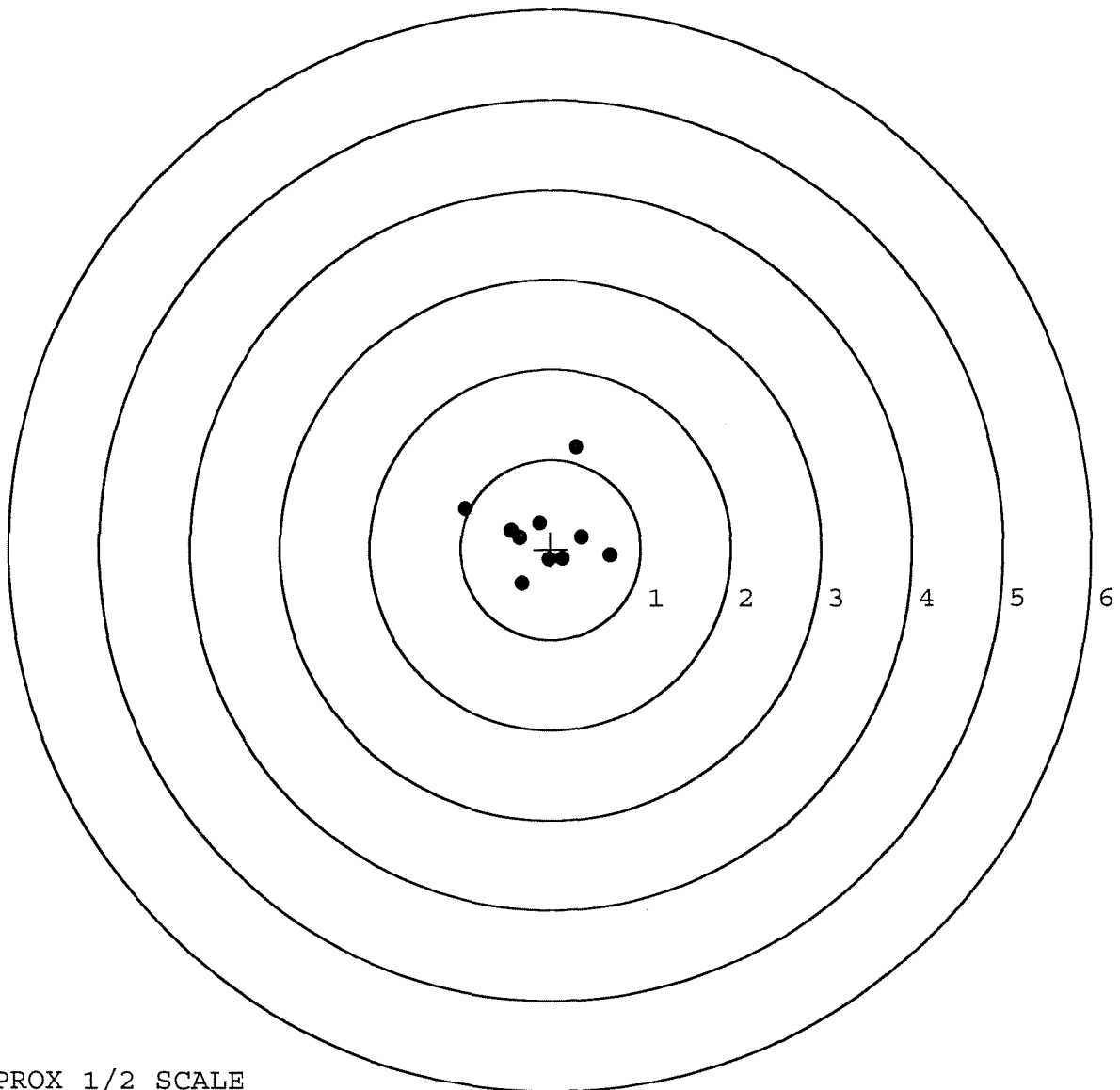


TARGET APPROX 1/2 SCALE

**BARBER - M24 0107203**

SERIAL NUMBER: C6349073. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 06/01/2007  
FILE TIME: 15:40

|                     | POINT# | X      | Y      |
|---------------------|--------|--------|--------|
|                     | 1:     | -0.952 | 0.449  |
|                     | 2:     | -0.444 | 0.213  |
|                     | 3:     | -0.127 | 0.293  |
|                     | 4:     | -0.351 | 0.131  |
| X CENTROID:         | 5:     | -0.026 | -0.118 |
| Y CENTROID:         | 6:     | 0.129  | -0.109 |
| POA TO CENTROID:    | 7:     | 0.352  | 0.136  |
| HORZ SPREAD:        | 8:     | 0.663  | -0.068 |
| VERT SPREAD:        | 9:     | -0.324 | -0.382 |
| GROUP SPREAD:       | 10:    | 0.289  | 1.143  |
| MIN RADIUS:         |        | 0.133  |        |
| MAX RADIUS:         |        | 1.041  |        |
| MEAN RADIUS:        |        | 0.519  |        |
| # IN 1 IN DIAMETER: |        | 6      |        |
| # IN 2 IN DIAMETER: |        | 9      |        |
| # in 3 IN DIAMETER: |        | 10     |        |



TARGET APPROX 1/2 SCALE

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

| R & E NUMBER  | 128535               |                                 |            |
|---------------|----------------------|---------------------------------|------------|
| SERIAL NUMBER | C6349073             |                                 |            |
| LOG-IN DATE   | 4-24-07              |                                 |            |
| OPERATION #   | OPERATION NAME       | DATE                            | INITIAL    |
| 500           | DIS-ASSEMBLE GUN     | 5-16-07                         | RTZ        |
| 505           | RE-BARREL            | 5-18-07                         | RTZ        |
| 560           | ASSEMBLE             | 5-18-07                         | RTZ        |
| 600           | PROOF                | 5-18-07                         | TRW        |
| 605           | CHECK HEADSPACE      | 5-18-07                         | TRW        |
| 610           | DIS-ASSEMBLE GUN     | 5-21-07                         | RTZ        |
| 612           | MAGNAFLUX            | 5/21/07                         | WMA        |
| 510           | DRILL AND TAP        | 5-21-07                         | TRW        |
| 615           | ROLLMARK CALIBER     | 5-21-07                         | CW         |
| 618           | ROTO-BLAST           | 5-22-07                         | UB         |
| 620           | APPLY COATINGS       | 5-24-07                         | W          |
| 625           | FINAL ASSEMBLY       | 5-31-07                         | RTZ        |
| 640           | FUNCTION TEST AND    | PASS FAIL                       | 6-1-07 TRW |
| 650           | TARGET               | PASS FAIL                       | 6-1-07 TRW |
|               | MALFUNCTION          | CORRECTION                      |            |
|               | MALFUNCTION          | CORRECTION                      |            |
|               | MALFUNCTION          | CORRECTION                      |            |
|               | MALFUNCTION          | CORRECTION                      |            |
| 670           | FINAL INSPECTION     |                                 | 6-1-07 Fin |
|               | A) HEADSPACE         | PASS FAIL                       | 6-7-07 RTZ |
|               | B) TRIGGER PULL      | 2.77 2.73 2.84 2.88 2.91 6-4-07 | DA         |
| 680           | F) SAFETY ON FORCE   | 4.5 4.5 4.5 6-4-07              | DA         |
|               | G) SAFETY OFF FORCE  | 2.5 2.5 2.5 6-4-07              | DA         |
|               | I) FIRING PIN INDENT | .0245 .024 .024 6-4-07          | DA         |
| 690           | PACK                 |                                 | 6-8-07 DA  |

| MAINTENANCE REQUEST                                                                                                                                      |  |                                               |                                       | PAGE NO.                                                                                    | NO. OF PAGES                             | REQUIREMENTS CONTROL SYMBOL                  |                                              |                                                |            |            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------|----------------------------------------------|------------------------------------------------|------------|------------|
| For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG                                                                                 |  |                                               |                                       | 1                                                                                           | 1                                        | CSGLD - 1047(R1)                             |                                              |                                                |            |            |
| SECTION I - EQUIPMENT DATA                                                                                                                               |  |                                               |                                       |                                                                                             |                                          |                                              |                                              |                                                |            |            |
| CONTROL NUMBER                                                                                                                                           |  | WORK ORDER NO.                                |                                       | WESDC                                                                                       | ORG PD                                   | PD AUTHENTICATION                            |                                              |                                                |            |            |
| <input type="checkbox"/> Work Request<br><input type="checkbox"/> MWO<br><input checked="" type="checkbox"/> Warranty Claim                              |  | 1A. ORGANIZATION<br>Cco 3/5 SFG (A)           |                                       | B. LOCATION<br>Ft Campbell Ky 42223                                                         |                                          | C. UNIT IDENT CODE<br>WH06CO                 |                                              |                                                |            |            |
| 2. SERIAL NO.<br>C6349073                                                                                                                                |  | 3. NOUN NOMENCLATURE<br>7.62 Sniper Rifle M24 |                                       | 4. LINE NO.<br>R45387                                                                       | 5. MODEL                                 | 6. NATIONAL STOCK NUMBER<br>1005-01-240-2136 |                                              |                                                |            |            |
| 7A. MAINTENANCE ACTIVITY<br>IMO                                                                                                                          |  | B. LEVEL                                      | 8. UTILIZATION CODE                   | 9A. MCSR ITEM                                                                               | 9B. ERC                                  | 9C. PACING ITEM                              | 10. HOURS                                    | 11. MILES                                      | 12. ROUNDS | 13. STARTS |
| 14. FAILURE DETECTED DURING (Select one - use <input checked="" type="checkbox"/> or X)                                                                  |  |                                               |                                       | 15. FIRST INDICATION OF TROUBLE (Select one - use <input checked="" type="checkbox"/> or X) |                                          |                                              |                                              |                                                |            |            |
| <input type="checkbox"/> A Sch. Main.                                                                                                                    |  | <input type="checkbox"/> C Test               | <input type="checkbox"/> E Storage    | <input type="checkbox"/> G Flight                                                           | <input type="checkbox"/> 068 Inoperative |                                              | <input type="checkbox"/> 258 Overheating     | <input type="checkbox"/> 790 Out of Adjustment |            |            |
| <input type="checkbox"/> B Handling                                                                                                                      |  | <input type="checkbox"/> D Normal Op          | <input type="checkbox"/> F Inspection | <input checked="" type="checkbox"/> H Other                                                 | <input type="checkbox"/> 008 Noisy       |                                              | <input type="checkbox"/> 387 Low Performance | <input checked="" type="checkbox"/> Other      |            |            |
| 16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs)             |  |                                               |                                       |                                                                                             |                                          |                                              |                                              |                                                |            |            |
| 5,400 Rnds Fired                                                                                                                                         |  |                                               |                                       |                                                                                             |                                          |                                              |                                              |                                                |            |            |
| B. REMARKS                                                                                                                                               |  |                                               |                                       |                                                                                             |                                          |                                              |                                              |                                                |            |            |
| W524095345H245                                                                                                                                           |  |                                               |                                       |                                                                                             |                                          |                                              |                                              |                                                |            |            |
| PREPARATION INSTRUCTIONS (Prior to using this form, read DA PAM 738-750 for detailed preparation instructions)                                           |  |                                               |                                       |                                                                                             |                                          |                                              |                                              |                                                |            |            |
| 1. Place a "✓" or an "X" in the box for the type of action required.                                                                                     |  |                                               |                                       | 13. Block 7. Enter the name of the support activity.                                        |                                          |                                              |                                              |                                                |            |            |
| 2. Enter the WESDC if the item is Materiel Condition Status Reportable.                                                                                  |  |                                               |                                       | 14. Block 7A. Enter the symbol of the maintenance category (O, F, H, D, or L).              |                                          |                                              |                                              |                                                |            |            |
| 3. Enter the priority designator as determined from the urgency of need and force activity designator.                                                   |  |                                               |                                       | 15. Block 8. Enter the utilization code.                                                    |                                          |                                              |                                              |                                                |            |            |
| 4. The Unit Commander, Chief of TDA activity or their designated representative will authenticate, by signature, a priority of 01 through 08.            |  |                                               |                                       | 16. Block 9A. Enter the word "yes" if the item is Materiel Condition Status Reportable.     |                                          |                                              |                                              |                                                |            |            |
| 5. Block 1A. Enter the name of the organization submitting the request.                                                                                  |  |                                               |                                       | 17. Block 9B. Enter the equipment readiness code, if applicable.                            |                                          |                                              |                                              |                                                |            |            |
| 6. Block 1B. Enter the unit submitting the request; units overseas enter APO only.                                                                       |  |                                               |                                       | 18. Block 9C. Enter the word "yes" if the item is a pacing item.                            |                                          |                                              |                                              |                                                |            |            |
| 7. Block 1C. Enter the unit identification code of the unit in block 1A.                                                                                 |  |                                               |                                       | 19. Block 10. Enter the hour reading, if applicable.                                        |                                          |                                              |                                              |                                                |            |            |
| 8. Block 2. Enter the equipment serial number. For ammunition, enter the lot number. For administrative-use vehicles, enter the USA registration number. |  |                                               |                                       | 20. Block 11. Enter the mileage from the odometer, if applicable.                           |                                          |                                              |                                              |                                                |            |            |
| 9. Block 3. Enter the noun abbreviation of the item.                                                                                                     |  |                                               |                                       | 21. Block 12. Enter the total rounds fired, if applicable.                                  |                                          |                                              |                                              |                                                |            |            |
| 10. Block 4. Enter the item line number, if applicable.                                                                                                  |  |                                               |                                       | 22. Block 13. For turbine engines, enter the number of hot starts.                          |                                          |                                              |                                              |                                                |            |            |
| 11. Block 5. Enter the model number.                                                                                                                     |  |                                               |                                       | 23. Block 14. Enter a "✓" or "X" in the proper block.                                       |                                          |                                              |                                              |                                                |            |            |
| 12. Block 6. Enter the National Stock Number of the item listed in Block 3.                                                                              |  |                                               |                                       | 24. Block 15. Enter a "✓" or "X" in the proper block.                                       |                                          |                                              |                                              |                                                |            |            |
| 25. Block 16. Describe briefly the fault or symptoms needing correction.                                                                                 |  |                                               |                                       |                                                                                             |                                          |                                              |                                              |                                                |            |            |
| 23. SUBMITTED BY<br>[Signature]                                                                                                                          |  | 24. RECEIVED BY                               |                                       |                                                                                             |                                          |                                              |                                              |                                                |            |            |
| JULIAN DATE                                                                                                                                              |  | JULIAN DATE                                   |                                       |                                                                                             |                                          |                                              |                                              |                                                |            |            |

NMP COPY 2

RECEIVING BARBER M24 0107207

COMMENTS

ORDER

R 95-30909

INITIAL  
JJM

CUSTOMER ORDER NO.

W/LEUPOLD 10X SCOPE

SCOPE 88-0556

DATE RECEIVED

12/04/95

DATE OPENED

12/05/95

DATE CODE

SERIAL NUMBER

C6349073

NEW SERIAL NUMBER

MODEL AND GRADE

700 7.62

NATO

ACCESSORIES

HARD CASE

SCOPE MNTS

SCOPE BASE

FROM:

TRANSPORTATION OFFICE  
FT CAMPBELL

KY 42223

SHIP TO:

TRANSPORTATION OFFICE  
FT CAMPBELLKY  
42223

Night Vision Base

CUST NO: 087942 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

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Barrel - 96003  
Stock - 96018  
Mag Spring - 15677

Repowder Coat Trigger Guard  
Assy, Front & Rear Sight Bases  
Retine Scope Base, Rings &  
Swivel Studs

Scope Sent Back to Vendor  
to be Checked

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

BARBER - M24 0107207  
0107246

*New Barrel*

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6349073*

| OP. #        | OP. NAME                                                       | READINGS | DATE            | INITIAL   |
|--------------|----------------------------------------------------------------|----------|-----------------|-----------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   |          | <i>12/21/95</i> | <i>AW</i> |
| 600          | Proof                                                          |          | <i>12/21/95</i> | <i>AW</i> |
| 607          | Check Headspace                                                |          | <i>12/21/95</i> | <i>AW</i> |
| 610          | Dis-assemble Gun                                               |          | <i>12/21/95</i> | <i>AW</i> |
| 612          | Magnaflux Barrel<br>Action                                     |          |                 |           |
|              | Magnaflux Bolt                                                 |          |                 |           |
| 615          | Rollmark Caliber                                               |          |                 |           |
| 617          | Drill and Tap Sight Holes                                      |          |                 |           |
| 618          | Polish Barrel                                                  |          |                 |           |
| 620          | Apply Coatings<br>(Barrel Action)                              |          |                 |           |
|              | Apply Coating (Bolt)                                           |          |                 |           |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | <i>1/5/96</i>   | <i>AW</i> |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | <i>1/5/96</i>   | <i>AW</i> |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | <i>1/5/96</i>   | <i>AW</i> |
|              | D) Oil Firing Pin Ass'y                                        |          | <i>1/5/96</i>   | <i>AW</i> |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | <i>1/5/96</i>   | <i>AW</i> |

| op. #        | BARBER - M24 0107209<br>OP. NAME                                  | READINGS |      |      |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------------|----------|------|------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                                |          |      |      |      |      |         |      |
|              | G) Safety Off Force                                               |          |      |      |      |      |         |      |
|              | H) Trigger Pull Test &<br>Retainability                           |          |      |      |      |      |         |      |
|              | I) Firing Pin Indent                                              |          |      |      |      |      |         |      |
|              | J) Assemble Stock                                                 |          |      |      |      |      |         |      |
|              | K) Assemble Swivel Studs                                          |          |      |      |      |      |         |      |
|              | L) Attach Front and Rear<br>Sight Assemblies                      |          |      |      |      |      |         |      |
|              | M) Iron Sight Alignment                                           |          |      |      |      |      |         |      |
|              | N) Detach Front & Rear<br>Sights & place in<br>numbered container |          |      |      |      |      |         |      |
|              | O) Attach Scope to Rifle                                          |          |      |      |      |      |         |      |
|              | P) Detach & Attach Scope<br>20 Times                              |          |      |      |      |      |         |      |
| 640          | Gallery Target & Test                                             |          |      |      |      |      | 1/8/96  | RW   |
|              | A) Time                                                           |          |      |      |      |      |         |      |
|              | B) Malfunctions                                                   |          |      |      |      |      |         |      |
|              | C) Pierced Primers                                                |          |      |      |      |      |         |      |
|              | D) Optical Clarity of Scope                                       |          |      |      |      |      |         |      |
| 645          | Inspect for Live Ammo                                             |          |      |      |      |      | 1/8/96  | RW   |
| 655          | Final Inspection                                                  |          |      |      |      |      |         |      |
|              | A) Headspace                                                      |          |      |      |      |      | 1/10/96 | RW   |
|              | B) Trigger Pull                                                   | 2.15     | 2.10 | 2.15 | 2.25 | 2.24 | 1/10/96 | RW   |
|              | C) Function                                                       |          |      |      |      |      | 1/10/96 | RW   |
| 660          | Pack                                                              |          |      |      |      |      |         |      |

## Final Inspection

|              |                      |             |
|--------------|----------------------|-------------|
| Sr: C6349073 | DATE REC'D: 12/04/95 | 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☐ IRON SIGHTS☐ DEPLOYMENT KIT

TRIGGER

☒ SAFETY OPERATION☒ SET

Comments: \_\_\_\_\_

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06349073  
7 Jan 1900

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .864751 |
| 1 TO | 2 | .666521 |
| 1 TO | 3 | .215281 |
| 1 TO | 4 | .546759 |
| 1 TO | 5 | .393412 |

$\frac{1}{5}$   
+<sup>2</sup> <----POA

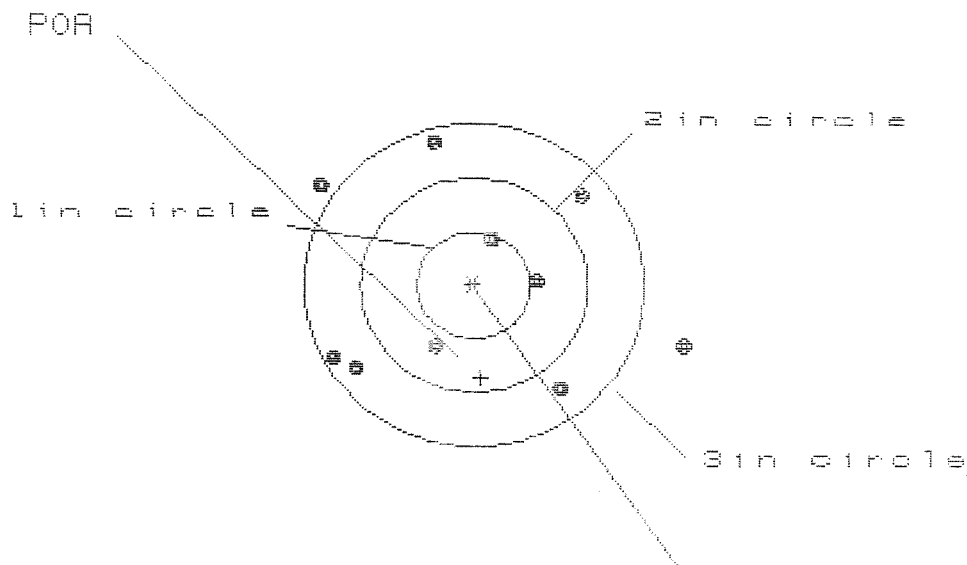
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .065  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .9874  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .989537

THE AMR FOR THIS RIFLE IS: 1.243

7 Jan 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/08348073

## CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1 in = 1

2 in = 3

3 in = 8

HS= 2.197

VS= 2.261

GS= 3.543

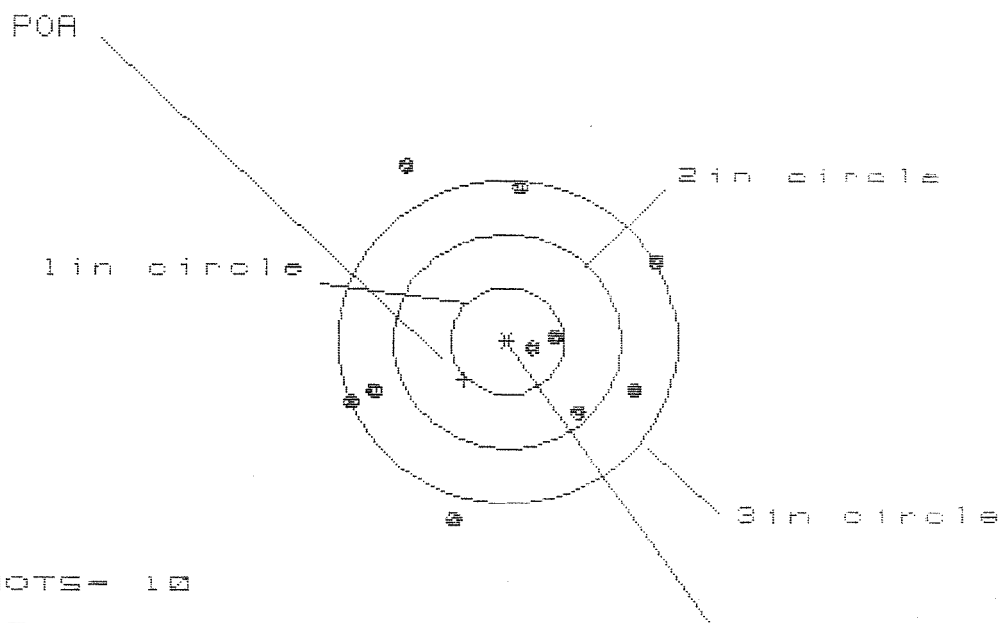
CENTROID \*

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.858  | 1.203  | 1.061  |
| MINIMUM X                     | -1.339 | -1.132 | -1.207 |
| MAXIMUM Y                     | 1.296  | 1.232  | 1.343  |
| MINIMUM Y                     | -0.965 | -1.029 | -0.918 |
| CENTROID X                    | -0.055 | -0.262 | -0.120 |
| CENTROID Y                    | .863   | .927   | .816   |
| POA TO CENTROID in.           | .865   | .963   | .825   |
| MIN RADIUS                    | .437   | .490   | .504   |
| MEAN RADIUS                   | 1.185  | 1.101  | 1.036  |
| MAX RADIUS                    | 1.945  | 1.439  | 1.368  |
| HORIZONTAL SPREAD             | 3.197  | 2.335  | 2.268  |
| VERTICAL SPREAD               | 2.261  | 2.261  | 2.261  |
| EXTREME SPREAD                | 3.543  | 2.867  | 2.713  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 3      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 8      |        |        |

7 Jan 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C8349073

## CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 3

3 in = 5

HS= 2.667

VS= 3.290

GS= 3.308

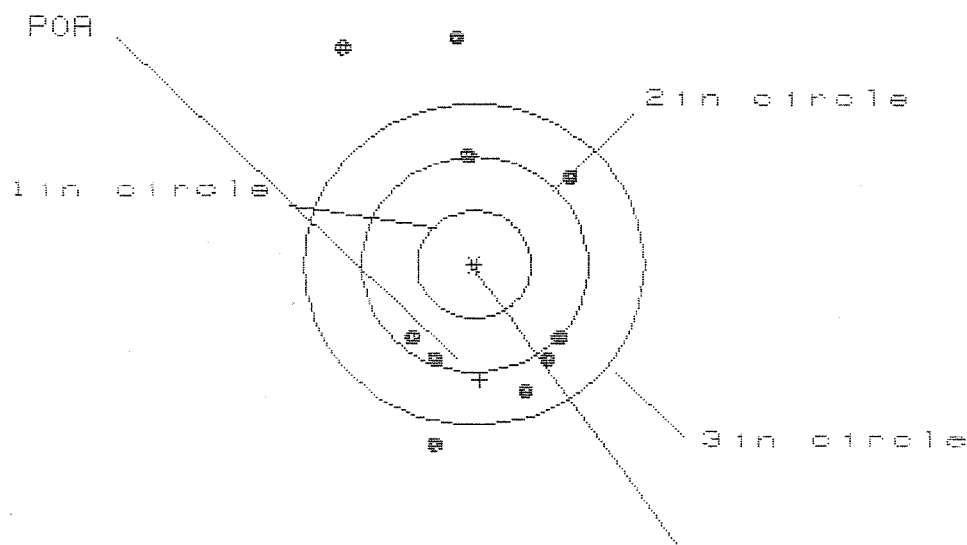
CENTROID \*

| PATTERN #                   | : | 2      | 9      | 8      |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.301  | 1.208  | 1.137  |
| MINIMUM X                   | : | -1.366 | -1.459 | -1.530 |
| MAXIMUM Y                   | : | 1.592  | 1.661  | 1.471  |
| MINIMUM Y                   | : | -1.698 | -1.521 | -1.640 |
| CENTROID X                  | : | .380   | .473   | .544   |
| CENTROID Y                  | : | .358   | .181   | .371   |
| POA TO CENTROID in.         | : | .522   | .506   | .659   |
| MIN RADIUS                  | : | .270   | .191   | .133   |
| MEAN RADIUS                 | : | 1.212  | 1.112  | 1.021  |
| MAX RADIUS                  | : | 1.796  | 1.661  | 1.648  |
| HORIZONTAL SPREAD           | : | 2.667  | 2.667  | 2.667  |
| VERTICAL SPREAD             | : | 3.290  | 3.182  | 2.111  |
| EXTREME SPREAD              | : | 3.309  | 3.231  | 2.970  |
| NUMBER IN ONE INCH CIRCLE   | = | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE   | = | 3      |        |        |
| NUMBER IN THREE INCH CIRCLE | = | 8      |        |        |

7 Jan 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C6349073

## CENTERFIRE PATTERNS # 3



# OF SHOTS= 10

# IN CIR

1 in = 0

2 in = 3

3 in = 7

HS= 2.018

VS= 3.880

GS= 3.891

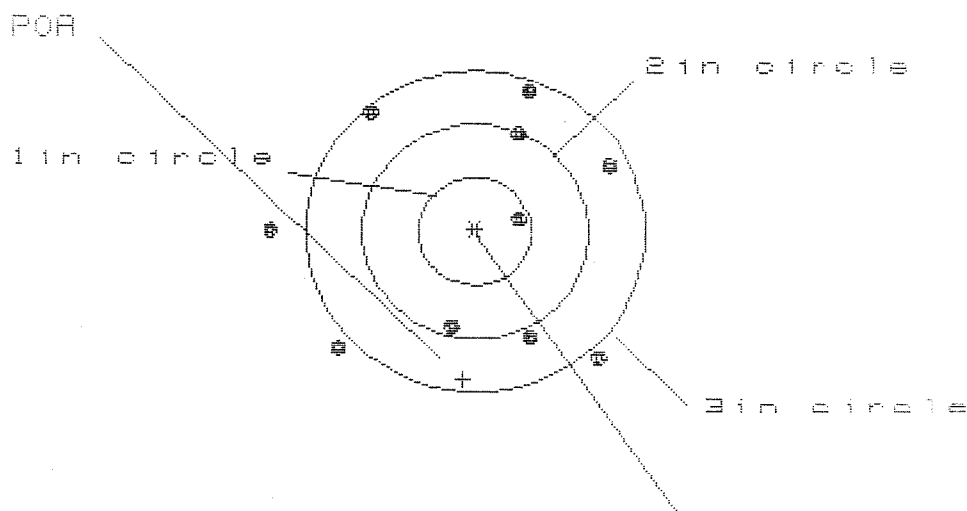
CENTROID \*

| PATTERN #                     | 3      | 3      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | .848   | .718   | .688   |
| MINIMUM X                     | -1.170 | -.636  | -.666  |
| MAXIMUM Y                     | 2.156  | 2.384  | 1.513  |
| MINIMUM Y                     | -1.724 | -1.496 | -1.198 |
| CENTROID X                    | -.044  | .086   | .116   |
| CENTROID Y                    | 1.078  | .850   | .552   |
| POA TO CENTROID in.           | 1.079  | .855   | .564   |
| MIN RADIUS                    | .809   | .753   | .593   |
| MEAN RADIUS                   | 1.356  | 1.181  | .944   |
| MAX RADIUS                    | 2.363  | 2.396  | 1.530  |
| HORIZONTAL SPREAD             | 2.018  | 1.354  | 1.354  |
| VERTICAL SPREAD               | 3.880  | 3.880  | 2.711  |
| EXTREME SPREAD                | 3.891  | 3.891  | 2.820  |
| NUMBER IN ONE INCH CIRCLE =   |        | 0      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 3      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 7      |        |

7 Jan 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/08349073

## CENTERFIRE PATTERNS # 4



# OF SHOTS- 10

CENTROID #

# IN CIR

1 in = 1

2 in = 3

3 in = 7

HS= 2.978

VS= 2.486

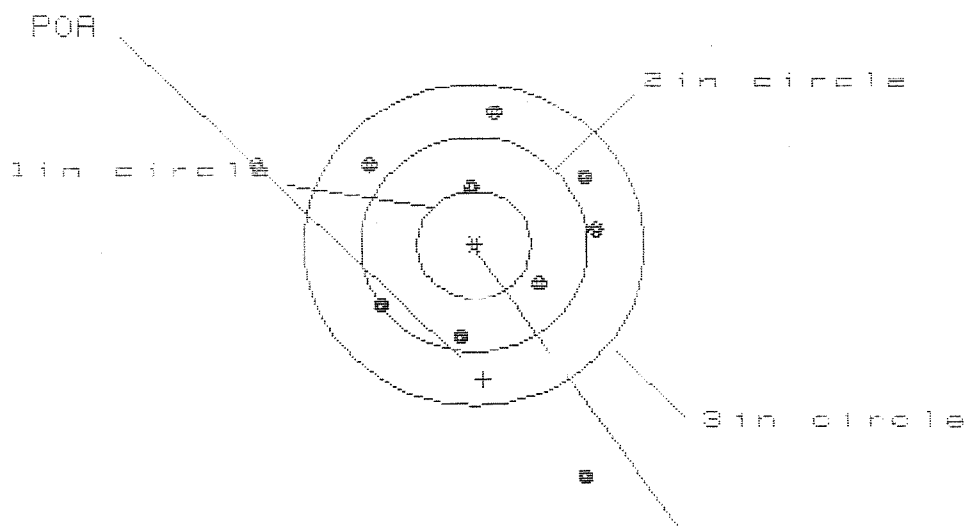
GS= 3.105

| PATTERN #                   | : | 4      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.211  | 1.015  | 1.128  |
| MINIMUM X                   | : | -1.767 | -1.369 | -1.256 |
| MAXIMUM Y                   | : | 1.321  | 1.324  | 1.178  |
| MINIMUM Y                   | : | -1.165 | -1.162 | -1.227 |
| CENTROID X                  | : | .117   | .313   | .200   |
| CENTROID Y                  | : | 1.382  | 1.379  | 1.525  |
| POA TO CENTROID in.         | : | 1.387  | 1.415  | 1.538  |
| MIN RADIUS                  | : | .341   | .155   | .261   |
| MEAN RADIUS                 | : | 1.250  | 1.155  | 1.119  |
| MAX RADIUS                  | : | 1.767  | 1.745  | 1.756  |
| HORIZONTAL SPREAD           | : | 2.978  | 2.384  | 2.384  |
| VERTICAL SPREAD             | : | 2.486  | 2.486  | 2.405  |
| EXTREME SPREAD              | : | 3.105  | 3.063  | 2.950  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 3      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 7      |        |

7 Jan 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C6849873

## CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1 in = 0

2 in = 3

3 in = 8

HS= 2.990

VS= 3.413

GS= 4.058

CENTROID #

| PATTERN #                     | 5      |
|-------------------------------|--------|
| SHOTS (BEST OF)               | 10     |
| MAXIMUM X                     | 1.104  |
| MINIMUM X                     | -1.886 |
| MAXIMUM Y                     | 1.234  |
| MINIMUM Y                     | -2.179 |
| CENTROID X                    | -.073  |
| CENTROID Y                    | 1.256  |
| POA TO CENTROID in.           | 1.258  |
| MIN RADIUS                    | .505   |
| MEAN RADIUS                   | 1.210  |
| MAX RADIUS                    | 2.374  |
| HORIZONTAL SPREAD             | 2.990  |
| VERTICAL SPREAD               | 3.413  |
| EXTREME SPREAD                | 4.058  |
| NUMBER IN ONE INCH CIRCLE =   | 0      |
| NUMBER IN TWO INCH CIRCLE =   | 3      |
| NUMBER IN THREE INCH CIRCLE = | 8      |

|                                                                                                                                                                        |  |                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------|
|   |  | <p>VERY IMPORTANT:<br/>Instruction Book<br/>enclosed to assure<br/>safe use of this<br/>firearm.</p> |
| <p>MODEL 700<sup>TM</sup> M24</p>                                                                                                                                      |  | <p>SERIAL NO.<br/>C6349073</p>                                                                       |
| <p>MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat &amp; Tm. Off, Marca Registrada Marque Deposee.</p>                                                                        |  | <p>ORDER NO.<br/>5716</p>                                                                            |
| <p>01</p>                                                                                                                                                              |  |                                                                                                      |
|  <p>5716 C6349073</p>                                                                |  |                                                                                                      |

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6349073

| OP. #        | OP. NAME                                                       | READINGS | DATE    | INIT |
|--------------|----------------------------------------------------------------|----------|---------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 4 12 90  |         | RW   |
| 600          | Proof                                                          | 4 12 90  |         | K    |
| 607          | Check Headspace                                                | 4 12 90  |         | K    |
| 610          | Dis-assemble Gun                                               | 4 12 90  |         | RW   |
| 612          | Magnaflux Barrel<br>Action                                     | 4-19-90  |         | KER  |
|              | Magnaflux Bolt                                                 | 4-19-90  |         | KER  |
| 615          | Rollmark Caliber                                               | 4-19-90  |         | SL   |
| 617          | Drill and Tap Sight Holes                                      |          | 4/23/90 | FB   |
| 618          | Polish Barrel RB                                               |          | 4/24/90 | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 4/30/90 | JA   |
|              | Apply Coating (Bolt)                                           |          |         |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 5/1/90  | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 5/1/90  | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 5/1/90  | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 5/1/90  | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 5/8/90  | WB   |

**BARBER - M24 0107219**

| BARBER - M24 0107219 |                                                             |          |       |      |           |      |           |    |
|----------------------|-------------------------------------------------------------|----------|-------|------|-----------|------|-----------|----|
| op. #                | OP. NAME                                                    | READINGS |       |      | DATE      | INIT |           |    |
| 625<br>cont.         | F) Safety On Force                                          | 5 1/4    | 5 1/4 | 5    | 5/18/90   | WB   |           |    |
|                      | G) Safety Off Force                                         | 2 1/4    | 2     | 2    | 5/18/90   | WB   |           |    |
|                      | H) Trigger Pull Test & Retainability                        |          |       |      | 5/18/90   | WB   |           |    |
|                      | I) Firing Pin Indent                                        | .024     | .0735 | .024 | 5/18/90   | WB   |           |    |
|                      | J) Assemble Stock                                           |          |       |      | 5/19/90   | RW   |           |    |
|                      | K) Assemble Swivel Studs                                    |          |       |      | 25 May 90 | JD   |           |    |
|                      | L) Attach Front and Rear Sight Assemblies                   |          |       |      | 5/19/90   | RW   |           |    |
|                      | M) Iron Sight Alignment                                     |          |       |      | 5/19/90   | RW   |           |    |
|                      | N) Detach Front & Rear Sights & place in numbered container |          |       |      | 5/19/90   | RW   |           |    |
|                      | O) Attach Scope to Rifle                                    |          |       |      | 5/19/90   | RW   |           |    |
|                      | P) Detach & Attach Scope 20 Times                           |          |       |      | 5/19/90   | RW   |           |    |
| 640                  | Gallery Target & Test                                       |          |       |      | 5-19-90   | AC   |           |    |
|                      | A) Time                                                     |          |       |      | 5-19-90   | AC   |           |    |
|                      | B) Malfunctions                                             |          |       |      | 5-19-90   | AC   |           |    |
|                      | C) Pierced Primers                                          |          |       |      | 5-19-90   | AC   |           |    |
|                      | D) Optical Clarity of Scope                                 |          |       |      | 5-19-90   | AC   |           |    |
| 645                  | Inspect for Live Ammo                                       |          |       |      | 5-19-90   | AC   |           |    |
| 655                  | Final Inspection                                            |          |       |      |           |      |           |    |
|                      | A) Headspace                                                |          |       |      | 25 May 90 | JD   |           |    |
|                      | B) Trigger Pull                                             | 279      | 273   | 269  | 272       | 276  | 25 May 90 | JD |
|                      | C) Function                                                 |          |       |      |           |      | 25 May 90 | JD |
| 660                  | Pack                                                        |          |       |      |           |      | 6/20/90   | PH |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6349073  
21 May 1990

CENTROIDAL DISTANCES

|        |         |
|--------|---------|
| 0 TO 1 | .725668 |
| 1 TO 2 | .13222  |
| 1 TO 3 | .720605 |
| 1 TO 4 | .337627 |
| 1 TO 5 | 1.06598 |

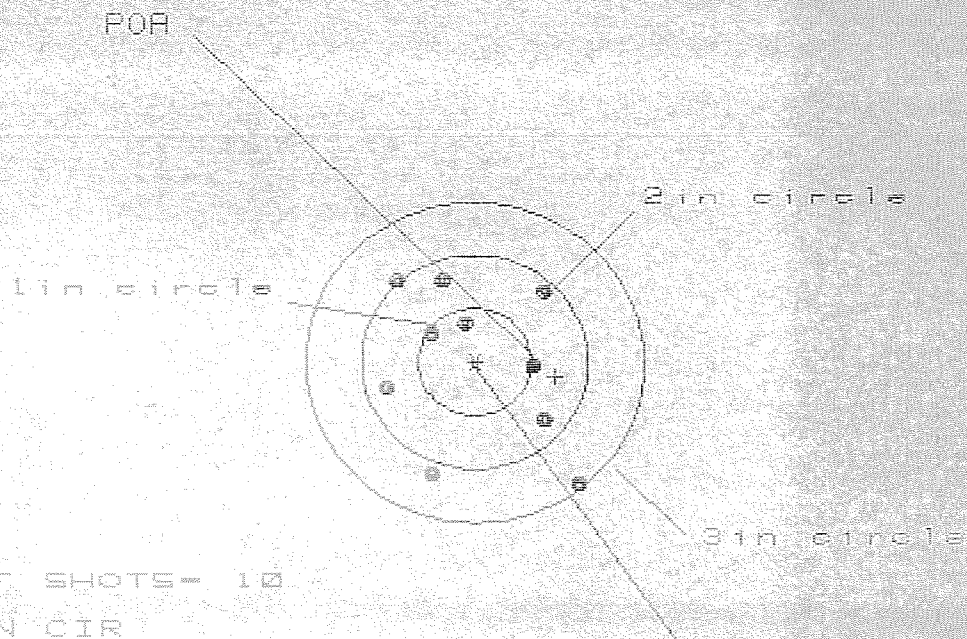
5  
4+ <----POA  
3

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3796  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0522  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .883172  
THE AMR FOR THIS RIFLE IS: .7372

21 May 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/06345073

## CENTERFIRE PATTERNS # 1



# OF SHOTS = 10

# IN CIR

1 in = 3

2 in = 7

3 in = 10

HS = 1.694

VS = 1.899

GS = 2.470

PATTERN #

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.888

.734

.697

MINIMUM X

-.806

-.708

-.745

MAXIMUM Y

.811

.690

.556

MINIMUM Y

-1.088

-1.116

-.811

CENTROID X

-.713

-.811

-.774

CENTROID Y

.135

.256

.396

POA TO CENTROID in.

.725

.851

.869

MIN RADIUS

.401

.283

.139

MEAN RADIUS

.824

.730

.644

MAX RADIUS

1.404

1.155

1.069

HORIZONTAL SPREAD

1.694

1.442

1.442

VERTICAL SPREAD

1.899

1.806

1.361

EXTREME SPREAD

2.470

1.914

1.982

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

7

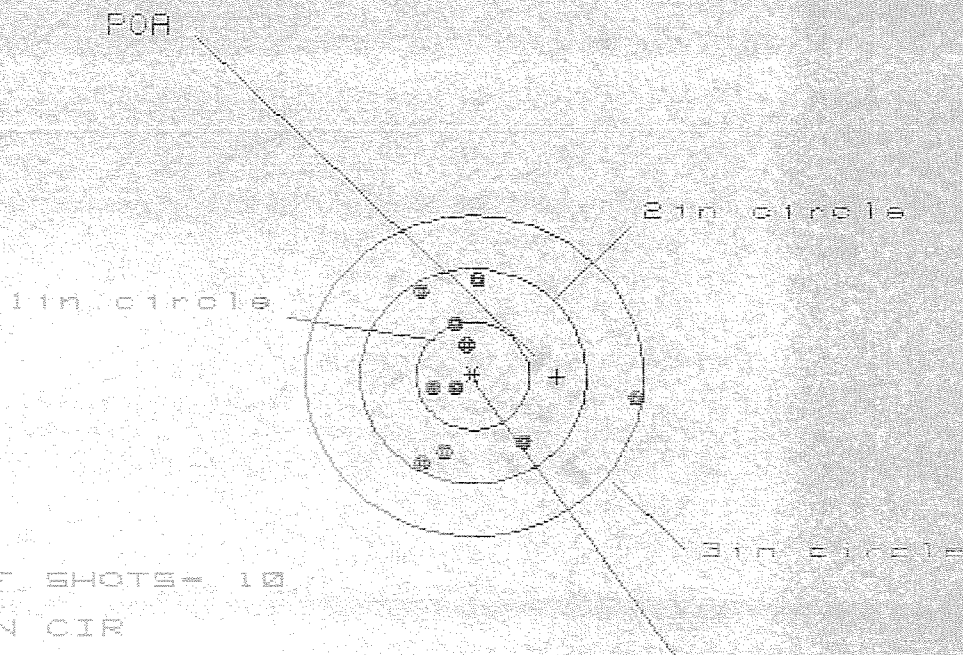
NUMBER IN THREE INCH CIRCLE =

10

21 May 1990

FILE:/PATTERNING/CENTERFIRE\_PATT/05349073

## CENTERFIRE PATTERNS # 2



# OF SHOTS= 10

# IN CIR

1 in = 3

2 in = 9

3 in = 10

HS= 1.892

VS= 1.690

GS= 2.126

## PATTERN #

## SHOTS (BEST OF)

|                               | 10    | 9     | 8     |
|-------------------------------|-------|-------|-------|
| MAXIMUM X                     | 1.416 | .590  | .555  |
| MINIMUM X                     | -.476 | -.319 | -.354 |
| MAXIMUM Y                     | .884  | .861  | .963  |
| MINIMUM Y                     | -.806 | -.829 | -.727 |
| CENTROID X                    | -.742 | -.899 | -.864 |
| CENTROID Y                    | .006  | .029  | -.073 |
| POA TO CENTROID in.           | .742  | .899  | .867  |
| MIN RADIUS                    | .201  | .100  | .066  |
| MEAN RADIUS                   | .714  | .599  | .563  |
| MAX RADIUS                    | 1.430 | .888  | .976  |
| HORIZONTAL SPREAD             | 1.892 | .909  | .909  |
| VERTICAL SPREAD               | 1.690 | 1.690 | 1.690 |
| EXTREME SPREAD                | 2.126 | 1.767 | 1.767 |
| NUMBER IN ONE INCH CIRCLE =   |       | 3     |       |
| NUMBER IN TWO INCH CIRCLE =   |       | 9     |       |
| NUMBER IN THREE INCH CIRCLE = |       | 10    |       |

21 May 1990

FILE:/PATTERNING/CENTERFIRE\_PATT/08349073

## CENTERFIRE PATTERNS

# 3

POA

1 in circle

2 in circle

3 in circle

CENTROID +

# OF SHOTS= 10

# IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 1.881

VS= 1.944

GS= 2.359

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.961

.696

.594

MINIMUM X

-.920

-.813

-.919

MAXIMUM Y

1.018

.915

.803

MINIMUM Y

-.926

-.898

-.725

CENTROID X

-.147

-.254

-.152

CENTROID Y

-.311

-.208

-.096

POA TO CENTROID in.

.344

.328

.180

MIN RADIUS

.231

.092

.191

MEAN RADIUS

.730

.641

.565

MAX RADIUS

1.335

1.211

.999

HORIZONTAL SPREAD

1.881

1.509

.913

VERTICAL SPREAD

1.944

1.813

1.528

EXTREME SPREAD

2.359

2.359

1.727

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

10

21 May 1990

FILE:/PATTERNING/CENTERFIRE\_PATT/08349073

## CENTERFIRE PATTERNS # 4

POA

2in circle

1in circle

3in circle

# OF SHOTS = 10

# IN CIR

1in = 1

2in = 8

3in = 10

CENTROID #

HS= 1.456

VS= 1.985

GS= 2.004

| PATTERN #                     | 1      | 2      | 3     |
|-------------------------------|--------|--------|-------|
| SHOTS (BEST OF)               | 10     | 9      | 8     |
| MAXIMUM X                     | .629   | .678   | .667  |
| MINIMUM X                     | -.827  | -.778  | -.789 |
| MAXIMUM Y                     | .863   | .742   | .587  |
| MINIMUM Y                     | -1.122 | -1.243 | -.802 |
| CENTROID X                    | -.547  | -.596  | -.585 |
| CENTROID Y                    | -.159  | -.038  | .117  |
| POA TO CENTROID in.           | .570   | .598   | .596  |
| MIN RADIUS                    | .438   | .480   | .367  |
| MEAN RADIUS                   | .776   | .708   | .607  |
| MAX RADIUS                    | 1.175  | 1.246  | 1.043 |
| HORIZONTAL SPREAD             | 1.456  | 1.456  | 1.456 |
| VERTICAL SPREAD               | 1.985  | 1.985  | 1.389 |
| EXTREME SPREAD                | 2.004  | 2.004  | 1.652 |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |       |
| NUMBER IN TWO INCH CIRCLE =   | 8      |        |       |
| NUMBER IN THREE INCH CIRCLE = | 10     |        |       |

21 May 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C6349073

## CENTERFIRE PATTERNS

# 5

POA

1 in circle

2 in circle

3 in circle

# OF SHOTS- 10

# IN CIR

1 in = 3

2 in = 9

3 in = 9

HS= 1.769

VS= 1.872

GS= 2.498

CENTROID #

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.196

.451

.398

MINIMUM X

-.573

-.440

-.493

MAXIMUM Y

.711

.582

.643

MINIMUM Y

-1.161

-.695

-.634

CENTROID X

.251

.118

.171

CENTROID Y

.590

.719

.658

POA TO CENTROID in

.641

.728

.680

MIN RADIUS

.090

.096

.015

MEAN RADIUS

.642

.495

.470

MAX RADIUS

1.667

.784

.742

HORIZONTAL SPREAD

1.769

.891

.891

VERTICAL SPREAD

1.872

1.277

1.277

EXTREME SPREAD

2.498

1.430

1.387

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

9

NUMBER IN THREE INCH CIRCLE =

9

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

SERIAL NO. C6349073  
DATE 5/19/90  
TESTER WLB

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.21             | 2.10                     | 2.15                           | 2.79 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.28             | 2.14                     | 2.13                           | 2.73 |                                                                        |
| PULL #3 | 2.19             | 2.13                     | 2.10                           | 2.69 |                                                                        |
| PULL #4 | 2.18             | 2.17                     | 2.08                           | 2.72 |                                                                        |
| PULL #5 | 2.19             | 2.12                     | 2.13                           | 2.76 |                                                                        |
| TOTAL   | 11.05            | 10.66                    | 10.59                          |      |                                                                        |
| AVG.    | 2.21             | 2.13                     | 2.12                           |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.24             | 3.17                     |  |          |
| PULL #2 | 3.23             | 3.18                     |  |          |
| PULL #3 | 3.26             | 3.02                     |  |          |
| PULL #4 | 3.18             | 3.02                     |  |          |
| PULL #5 | 3.21             | 3.05                     |  |          |
| TOTAL   | 16.12            | 15.44                    |  |          |
| AVG.    | 3.22             | 3.09                     |  |          |

|         | 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 | 4.31             | 4.45                     |                                | 3.94                                 |
| PULL #2 | 4.44             | 4.53                     |                                | 4.19                                 |
| PULL #3 | 4.36             | 4.49                     |                                | 4.23                                 |
| PULL #4 | 4.39             | 4.57                     |                                | 4.20                                 |
| PULL #5 | 4.36             | 4.55                     |                                | 4.16                                 |
| TOTAL   | 21.86            | 22.59                    |                                | 20.72                                |
| AVG.    | 4.37             | 4.52                     |                                | 4.14                                 |