

C6349190

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.



|                                                                                                                                                                                                                                                                |                                                                                            |                             |                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------|---------------------------------------|
| Repair Number: <b>RE00074627</b>                                                                                                                                                                                                                               | Serial: C6349190 Model: 700 Center Fire Caliber: 7<br>62 NATO M24 SWS Produced: 06/19/1990 | Repairman:                  | Status: Closed 12/29/2003 10:37:26 AM |
| Verify Repair:                                                                                                                                                                                                                                                 |                                                                                            |                             |                                       |
| <b>Address Information</b>                                                                                                                                                                                                                                     |                                                                                            |                             |                                       |
| Customer: Name: <b>HHC 3/327</b>                                                                                                                                                                                                                               | Received From: <b>HHC 3/327</b>                                                            | Return To: <b>HHC 3/327</b> | Received From:                        |
| Address 1:                                                                                                                                                                                                                                                     | Address 2:                                                                                 | PO Box:                     | PO Box:                               |
| City: <b>FORT CAMPBELL</b>                                                                                                                                                                                                                                     | City: <b>FORT CAMPBELL</b>                                                                 | State: <b>KY</b>            | State: <b>KY</b>                      |
| Zip Code: <b>42223</b>                                                                                                                                                                                                                                         | Zip Code: <b>42223</b>                                                                     | Country: <b>US</b>          | Country: <b>US</b>                    |
| FFL: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |                                                                                            |                             |                                       |
| Contact / Condition                                                                                                                                                                                                                                            | Problems                                                                                   | Estimate                    | History / Status                      |
| Shipping / Billing                                                                                                                                                                                                                                             |                                                                                            |                             |                                       |
| Contact Information                                                                                                                                                                                                                                            | Received Condition                                                                         | Accessories Received        |                                       |
| Phone:                                                                                                                                                                                                                                                         | Fair                                                                                       | Code Desc Qty               |                                       |
| Fax:                                                                                                                                                                                                                                                           | Condition Notes:                                                                           | A007 With Studs 3           |                                       |
| Email:                                                                                                                                                                                                                                                         | CSR Notes:                                                                                 | A010 Hard Case 1            |                                       |
| Comments:                                                                                                                                                                                                                                                      |                                                                                            | A017 Scope Bases 3          |                                       |
|                                                                                                                                                                                                                                                                |                                                                                            | A026 Scope 1                |                                       |
| Repair Search                                                                                                                                                                                                                                                  |                                                                                            | Refresh                     | Close                                 |

Serial Number: **C6349190**Model: **700****RE00074627**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349190.\_\_\_0  
FILE DATE AND TIME: 01/26/2004 08:57

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

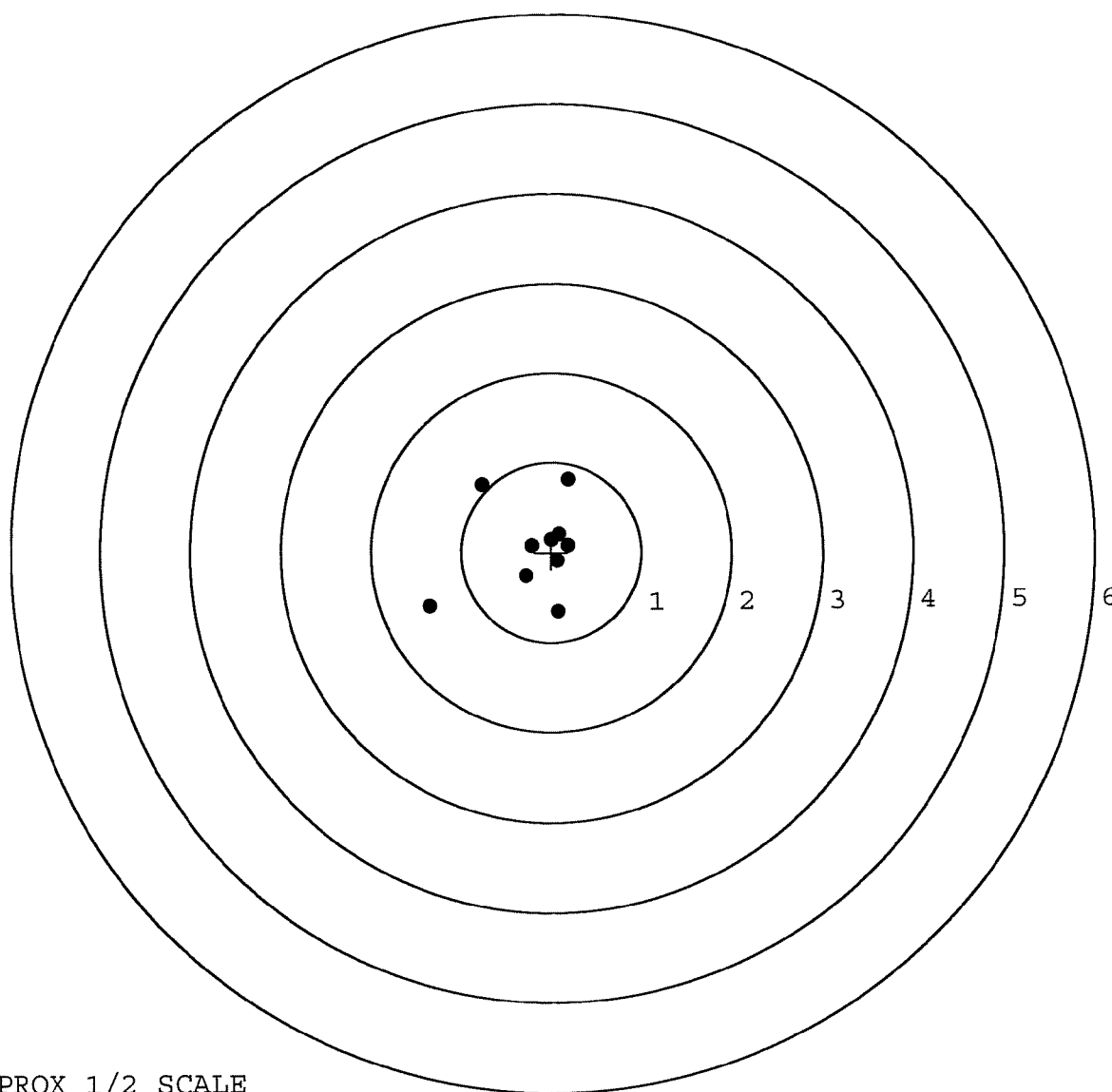
|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.043 |
| The Average Y Centroid of the Five Target Set:              | 0.156  |
| The Average Point of Impact of the Five Target Set:         | 0.162  |
| The Average Mean Radius of the Five Target Set:             | 0.611  |
| The Distance from POA to Centroid Target #1:                | 0.204  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.398  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.278  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.238  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.497  |

**BARBER - M24 0109758**

SERIAL NUMBER: C6349190. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 01/26/2004  
FILE TIME: 08:57

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.198  | 0.808  |
| 2:     | -0.769 | 0.756  |
| 3:     | -1.350 | -0.600 |
| 4:     | 0.077  | -0.665 |
| 5:     | -0.281 | -0.265 |
| 6:     | -0.216 | 0.077  |
| 7:     | 0.089  | 0.206  |
| 8:     | 0.193  | 0.078  |
| 9:     | 0.067  | -0.097 |
| 10:    | -0.003 | 0.144  |

X CENTROID: -0.199  
Y CENTROID: 0.044  
POA TO CENTROID: 0.204  
HORZ SPREAD: 1.548  
VERT SPREAD: 1.473  
GROUP SPREAD: 2.093  
MIN RADIUS: 0.037  
MAX RADIUS: 1.319  
MEAN RADIUS: 0.546  
# IN 1 IN DIAMETER: 6  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

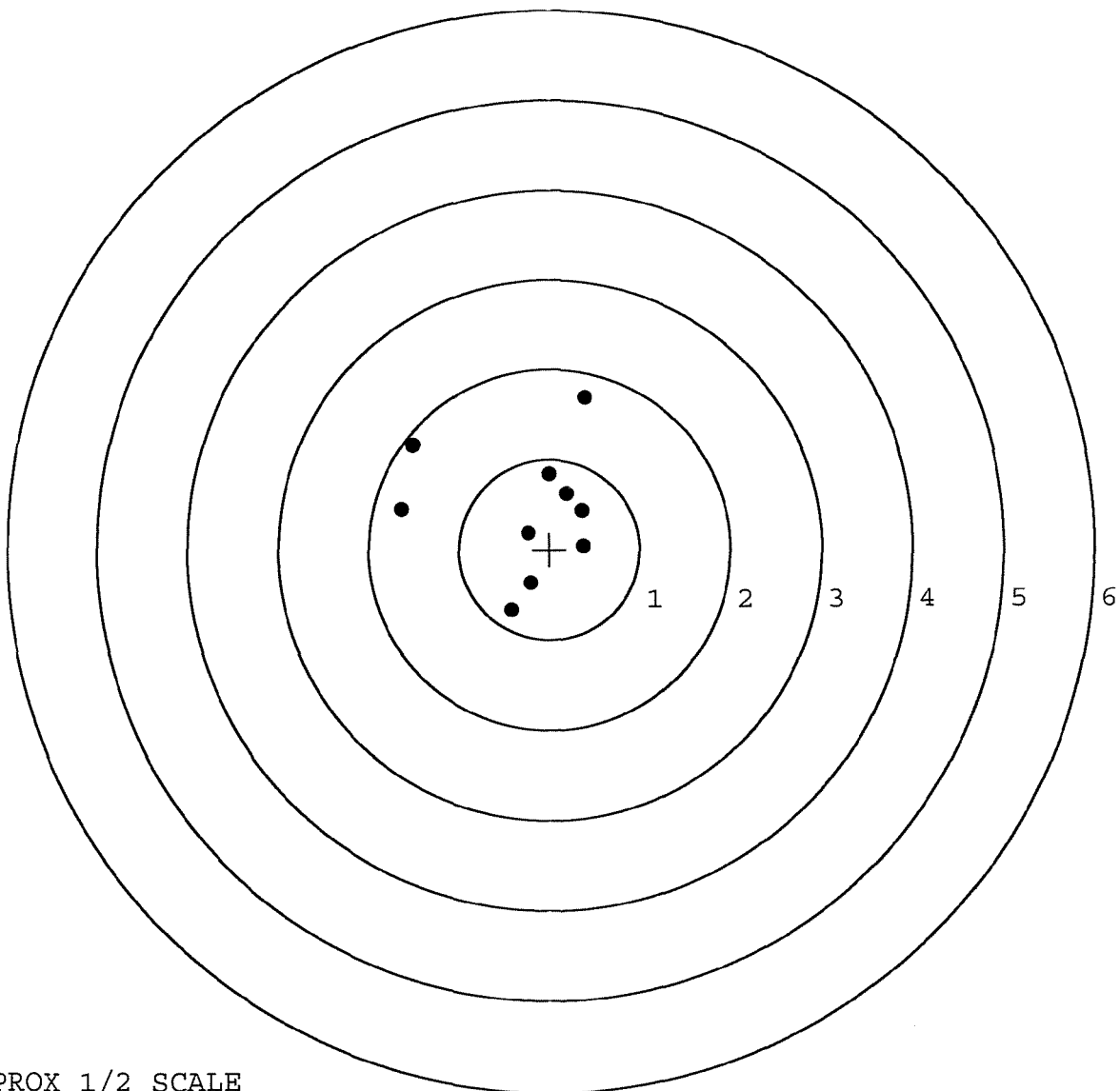
**BARBER - M24 0109759**

SERIAL NUMBER: C6349190. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 01/26/2004  
FILE TIME: 08:57

X CENTROID: -0.267  
Y CENTROID: 0.436  
POA TO CENTROID: 0.512  
HORZ SPREAD: 2.029  
VERT SPREAD: 2.360  
GROUP SPREAD: 2.195  
MIN RADIUS: 0.252  
MAX RADIUS: 1.438  
MEAN RADIUS: 0.878

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

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.001  | 0.836  |
| 2:     | 0.196  | 0.623  |
| 3:     | 0.365  | 0.436  |
| 4:     | 0.378  | 0.041  |
| 5:     | -0.235 | 0.186  |
| 6:     | -0.204 | -0.380 |
| 7:     | -0.424 | -0.674 |
| 8:     | -1.634 | 0.453  |
| 9:     | -1.512 | 1.157  |
| 10:    | 0.395  | 1.686  |



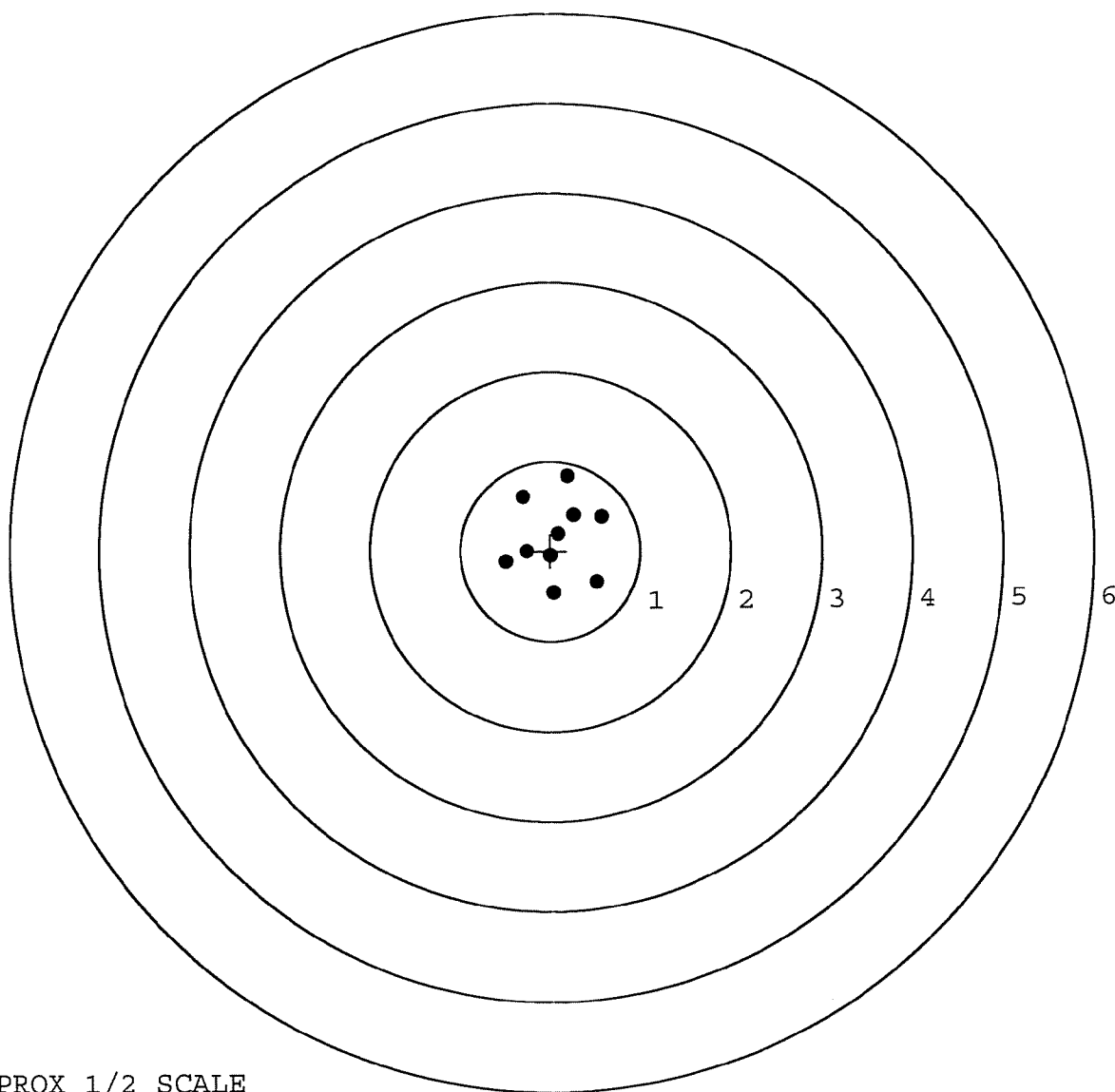
TARGET APPROX 1/2 SCALE

**BARBER - M24 0109760**

SERIAL NUMBER: C6349190. \_\_0  
 TARGET NUMBER: 3  
 FILE DATE: 01/26/2004  
 FILE TIME: 08:57

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.195  | 0.835  |
| 2:     | -0.302 | 0.605  |
| 3:     | 0.575  | 0.383  |
| 4:     | 0.266  | 0.403  |
| 5:     | 0.091  | 0.192  |
| 6:     | -0.500 | -0.122 |
| 7:     | -0.265 | -0.009 |
| 8:     | 0.036  | -0.467 |
| 9:     | 0.518  | -0.351 |
| 10:    | 0.002  | -0.060 |

X CENTROID: 0.062  
 Y CENTROID: 0.141  
 POA TO CENTROID: 0.154  
 HORZ SPREAD: 1.075  
 VERT SPREAD: 1.302  
 GROUP SPREAD: 1.312  
 MIN RADIUS: 0.059  
 MAX RADIUS: 0.707  
 MEAN RADIUS: 0.472  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 10  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

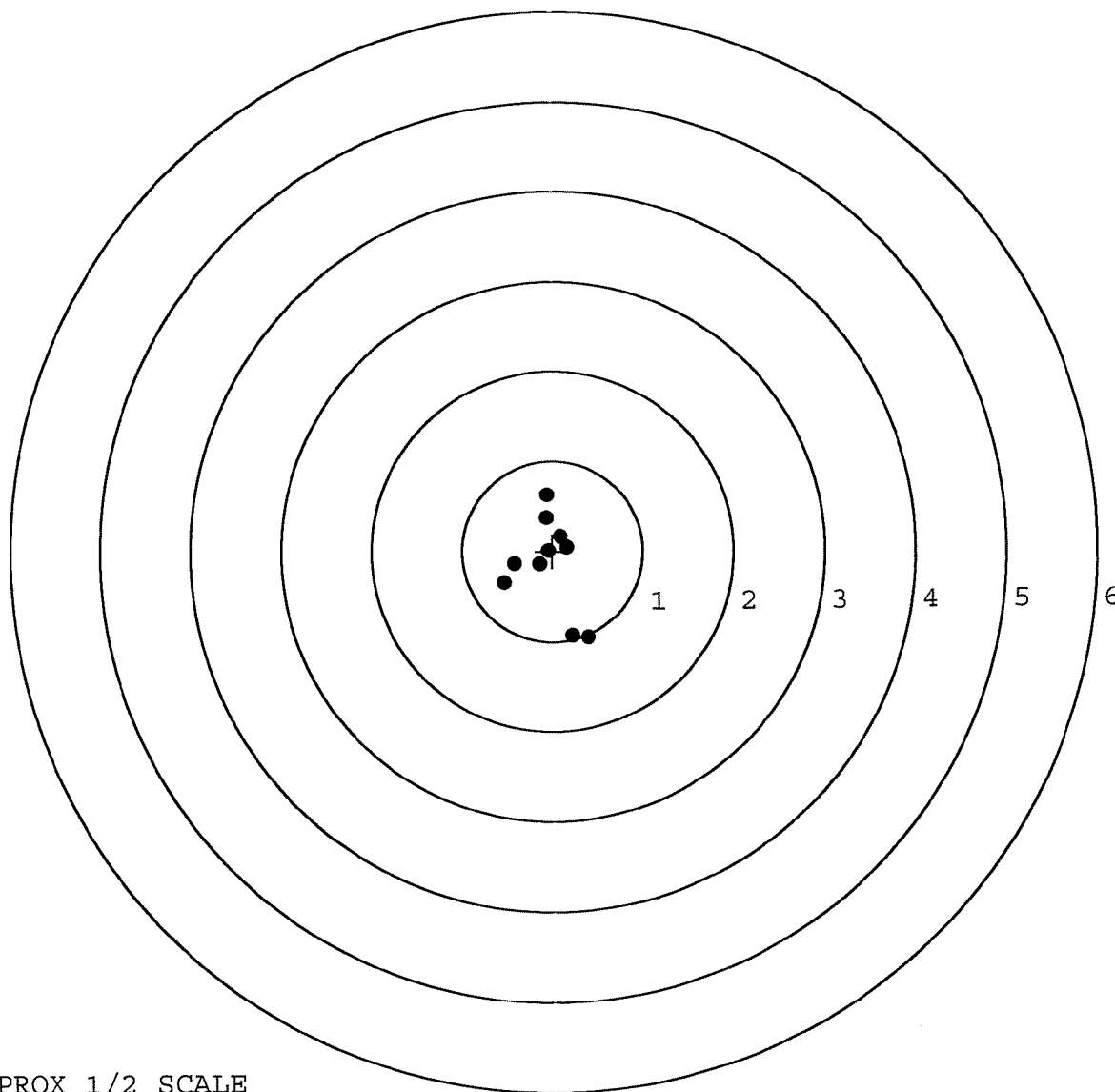
**BARBER - M24 0109761**

SERIAL NUMBER: C6349190. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 01/26/2004  
FILE TIME: 08:57

X CENTROID: -0.041  
Y CENTROID: -0.134  
POA TO CENTROID: 0.140  
HORZ SPREAD: 0.934  
VERT SPREAD: 1.577  
GROUP SPREAD: 1.643  
MIN RADIUS: 0.102  
MAX RADIUS: 0.933  
MEAN RADIUS: 0.478

# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.226  | -0.934 |
| 2:     | 0.400  | -0.956 |
| 3:     | -0.534 | -0.347 |
| 4:     | -0.425 | -0.143 |
| 5:     | -0.142 | -0.149 |
| 6:     | -0.060 | 0.621  |
| 7:     | -0.071 | 0.369  |
| 8:     | 0.087  | 0.162  |
| 9:     | 0.164  | 0.040  |
| 10:    | -0.053 | -0.001 |



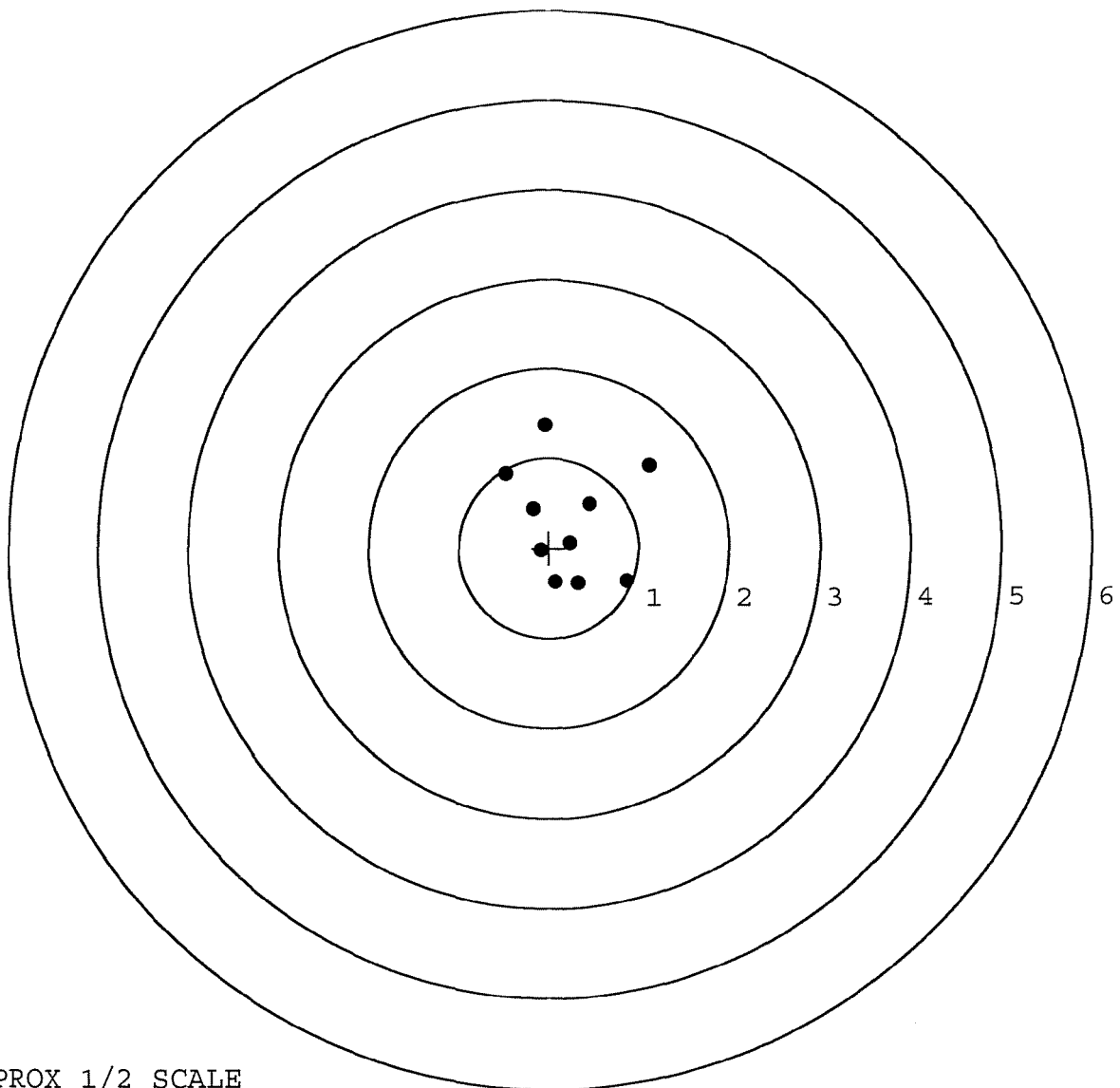
TARGET APPROX 1/2 SCALE

**BARBER - M24 0109762**

SERIAL NUMBER: C6349190. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 01/26/2004  
FILE TIME: 08:57

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.118  | 0.916  |
| 2:     | -0.044 | 1.366  |
| 3:     | -0.478 | 0.832  |
| 4:     | -0.173 | 0.435  |
| 5:     | 0.456  | 0.499  |
| 6:     | 0.873  | -0.371 |
| 7:     | 0.329  | -0.389 |
| 8:     | 0.079  | -0.385 |
| 9:     | -0.093 | -0.032 |
| 10:    | 0.236  | 0.059  |

X CENTROID: 0.230  
Y CENTROID: 0.293  
POA TO CENTROID: 0.373  
HORZ SPREAD: 1.596  
VERT SPREAD: 1.755  
GROUP SPREAD: 1.964  
MIN RADIUS: 0.234  
MAX RADIUS: 1.108  
MEAN RADIUS: 0.682  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

|                     |                    |           |         |
|---------------------|--------------------|-----------|---------|
| R & E NUMBER        | 74627              |           |         |
| SERIAL NUMBER       | C6349190           |           |         |
| LOG-IN DATE         | 12-29-03           |           |         |
| INSPECT AND VERIFY: |                    |           |         |
| OPERATION #         | OPERATION NAME     | DATE      | INITIAL |
| 550                 | DIS-ASSEMBLE GUN   | 1-5-04    | RTL     |
| 560 A               | RE-BARREL          | 1-7-04    | RTL     |
| B                   | DRILL AND TAP      | 1-9-04    | TRW     |
| 575                 | ASSEMBLE           | 1-8-04    | RTL     |
| 600                 | PROOF              | 1-8-04    | RW      |
| 605                 | CHECK HEADSPACE    | 1-8-04    | RW      |
| 610                 | DIS-ASSEMBLE GUN   | 1-8-04    | RW      |
| 612                 | MAGNAFLUX OPERATOR |           |         |
| 615                 | ROLLMARK CALIBER   | 1-13-04   | B       |
| 618                 | ROTO-BLAST         | 1/13/2004 | Dans    |
| 620                 | APPLY COATINGS     | 1-15      | TR      |
| 625 A               | FINAL ASSEMBLY     | 1-19-04   | RTL     |
| B                   | TRIGGER PULL TEST  |           |         |
| C                   | SAFETY "ON" FORCE  |           |         |
| D                   | SAFETY "OFF" FORCE |           |         |
| E                   | FIRING PIN INDENT  |           |         |
| 640                 | TARGET             | 1-20-04   | AK      |
| 655                 | FINAL INSPECT      | 1-28-04   | RTL     |
| 660                 | PACK               | 1-29-04   | DA      |
|                     |                    | SHIP DATE |         |
| QAR INSPECTION DATE |                    |           |         |

## RECEIVING AND ESTIMATE REPORT

COMMENTS

ORDER

R 96-04783

INITIAL  
FPS

CUSTOMER ORDER NO.

M-24 SNIPER W/10X LEUPOLD SCOPE, & SCOPE CASE  
W/1 SWIVELDATE RECEIVED  
02/12/96DATE OPENED  
02/12/96

DATE CODE

SERIAL NUMBER  
C6349190

NEW SERIAL NUMBER

MODEL AND GRADE  
700 7.62

NATO

ACCESSORIES

HARD CASE

SCOPE MNTS

SCOPE BASE

W/STUDS

FROM:

U S ARMY  
C CO. 3/5 SFG (A)  
FT CAMPBELL

KY 42223

SHIP TO:

U S ARMY  
C CO. 3/5 SFG (A)  
FT CAMPBELLKY  
42223

CUST NO:137790 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

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 010998409803

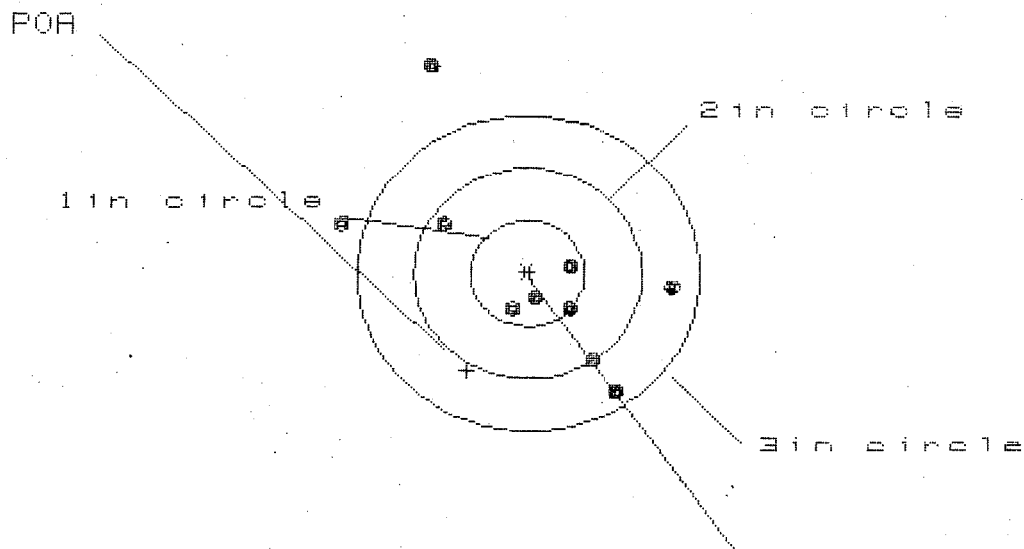


2/13/96

13 Jan 1900

FILE:/PATTERNING/CENTERFIRE\_PATT/06349190

## CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1 in = 3

2 in = 5

3 in = 8

HS= 2.916

VS= 3.070

GS= 3.434

| PATTERN #           | 1      | 2      | 3      |
|---------------------|--------|--------|--------|
| SHOTS (BEST OF)     | 10     | 9      | 8      |
| MAXIMUM X           | 1.237  | 1.149  | .928   |
| MINIMUM X           | -1.679 | -1.767 | -1.061 |
| MAXIMUM Y           | 1.930  | .705   | .747   |
| MINIMUM Y           | -1.140 | -.926  | -.838  |
| CENTROID X          | .537   | .626   | .847   |
| CENTROID Y          | .922   | .708   | .620   |
| POA TO CENTROID in. | 1.067  | .945   | 1.049  |
| MIN RADIUS          | .238   | .012   | .102   |
| MEAN RADIUS         | .985   | .790   | .628   |
| MAX RADIUS          | 2.087  | 1.902  | 1.297  |
| HORIZONTAL SPREAD   | 2.916  | 2.916  | 1.989  |
| VERTICAL SPREAD     | 3.070  | 1.631  | 1.585  |
| EXTREME SPREAD      | 3.434  | 2.975  | 2.179  |

PREVIOUS  
ARR  
8448

| NUMBER IN ONE INCH CIRCLE     | 2 | 3 |
|-------------------------------|---|---|
| NUMBER IN TWO INCH CIRCLE =   | 5 |   |
| NUMBER IN THREE INCH CIRCLE = | 8 |   |

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349190

| OP. #     | OP. NAME                                                 | READINGS | DATE    | INIT |
|-----------|----------------------------------------------------------|----------|---------|------|
| 575 & 580 | Assemble Action and Stock                                | 3 31     | 90      | RW   |
| 600       | Proof                                                    | 3 31     | 90      | RW   |
| 607       | Check Headspace                                          | 3 31     | 90      | RW   |
| 610       | Dis-assemble Gun                                         | 3 31     | 90      | RW   |
| 612       | Magnaflux Barrel Action                                  | 4-2-90   |         | KCR  |
|           | Magnaflux Bolt                                           | 4-2-90   |         | KCR  |
| 615       | Rollmark Caliber                                         | 4-2-90   |         | SL   |
| 617       | Drill and Tap Sight Holes                                |          | 4/4/90  | FB   |
| 618       | Polish Barrel RB                                         |          | 4/5/90  | WB   |
| 620       | Apply Coatings (Barrel Action)                           |          | 4-9-90  | TH   |
|           | Apply Coating (Bolt)                                     |          |         |      |
| 625       | Final Assembly                                           |          |         |      |
|           | A) Clean inside of Bolt Assembly                         |          | 4/18/90 | RW   |
|           | B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head |          | 4/18/90 | RW   |
|           | C) Inspect Ejector Hole for Chamfer                      |          | 4/18/90 | RW   |
|           | D) Oil Firing Pin Ass'y                                  |          | 4/18/90 | RW   |
|           | E) Adjust Trigger Pull to Min Setting and Stake          |          | 5/1/90  | SL   |

**BARBER - M24 0109768**

| op. #        | OP. NAME                                                    | READINGS |      |      |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                          | 4        | 4    | 4    |      |      | 5/2/90  | JH   |
|              | G) Safety Off Force                                         | 3        | 3    | 3    |      |      | 5/2/90  | JH   |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |      |      | 5/1/90  | JH   |
|              | I) Firing Pin Indent                                        | .0215    | .022 | .022 |      |      | 5/2/90  | JH   |
|              | J) Assemble Stock                                           |          |      |      |      |      | 5/3/90  | RW   |
|              | K) Assemble Swivel Studs                                    |          |      |      |      |      | 5/8/90  | WB   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |      |      |      | 5/3/90  | RW   |
|              | M) Iron Sight Alignment                                     |          |      |      |      |      | 5/3/90  | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |      |      |      | 5/3/90  | RW   |
|              | O) Attach Scope to Rifle                                    |          |      |      |      |      | 5/3/90  | JH   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |      |      |      | 5/3/90  | JH   |
| 640          | Gallery Target & Test                                       |          |      |      |      |      | 5-3-90  | AC   |
|              | A) Time                                                     |          |      |      |      |      | 5-3-90  | AC   |
|              | B) Malfunctions                                             |          |      |      |      |      | 5-3-90  | AC   |
|              | C) Pierced Primers                                          |          |      |      |      |      | 5-3-90  | AC   |
|              | D) Optical Clarity of Scope                                 |          |      |      |      |      | 5-3-90  | AC   |
| 645          | Inspect for Live Ammo                                       |          |      |      |      |      | 5-3-90  | AC   |
| 655          | Final Inspection                                            |          |      |      |      |      | 5/8/90  | WB   |
|              | A) Headspace                                                |          |      |      |      |      |         |      |
|              | B) Trigger Pull                                             | 2.34     | 2.32 | 2.32 | 2.30 | 2.36 | 5/7/90  | WB   |
|              | C) Function                                                 |          |      |      |      |      | 5/8/90  | WB   |
| 660          | Pack                                                        |          |      |      |      |      | 6-20-90 | DH   |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6349190DATE 5/1/90TESTER JH

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.44             | 2.37                     | 2.35                           | 2.34 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.31             | 2.35                     | 2.42                           | 2.32 |                                                                        |
| PULL #3 | 2.36             | 2.54                     | 2.45                           | 2.32 |                                                                        |
| PULL #4 | 2.45             | 2.48                     | 2.48                           | 2.30 |                                                                        |
| PULL #5 | 2.44             | 2.52                     | 2.40                           | 2.36 |                                                                        |
| TOTAL   | 12.00            | 12.26                    | 12.10                          |      |                                                                        |
| AVG.    | 2.4              | 2.452                    | 2.42                           |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.40             | 3.20                     |  |          |
| PULL #2 | 3.40             | 3.29                     |  |          |
| PULL #3 | 3.48             | 3.28                     |  |          |
| PULL #4 | 3.56             | 3.33                     |  |          |
| PULL #5 | 3.52             | 3.31                     |  |          |
| TOTAL   | 17.36            | 16.41                    |  |          |
| AVG.    | 3.472            | 3.282                    |  |          |

|         | 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 | 4.18             | 4.21                     |                                | 4.31                                 |
| PULL #2 | 4.48             | 4.25                     |                                | 4.21                                 |
| PULL #3 | 4.25             | 4.25                     |                                | 4.44                                 |
| PULL #4 | 4.19             | 4.20                     |                                | 4.28                                 |
| PULL #5 | 4.24             | 4.25                     |                                | 4.34                                 |
| TOTAL   | 21.34            | 21.16                    |                                | 21.58                                |
| AVG.    | 4.268            | 4.232                    |                                | 4.316                                |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6349190  
4 May 1990

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .826986 |
| 1 TO | 2 | .980666 |
| 1 TO | 3 | 1.02205 |
| 1 TO | 4 | 1.17944 |
| 1 TO | 5 | .958921 |

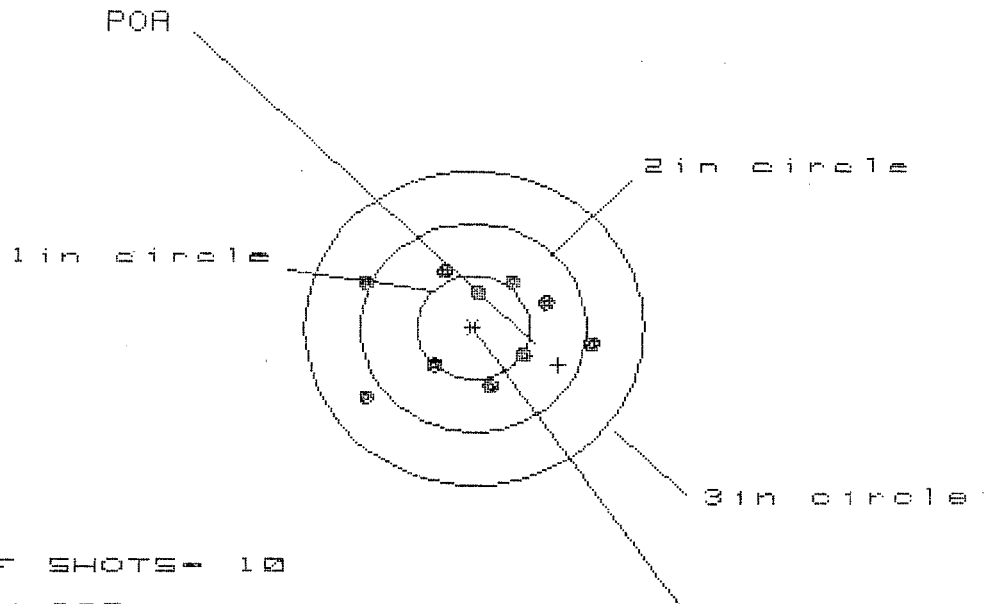
1  <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0044  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0232  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0236136  
THE AMR FOR THIS RIFLE IS: .8448

4 May 1990

FILE:/PATTERNING/CENTERFIRE\_PATT/C6349190

## CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1 in - 3

2 in - 7

3 in = 10

HS= 1.999

VS= 1.176

GS= 2.109

CENTROID #

| PATTERN #                   | : | 10    | 9      | 8     |
|-----------------------------|---|-------|--------|-------|
| SHOTS (BEST OF)             | : | 10    | 9      | 8     |
| MAXIMUM X                   | : | 1.004 | .893   | .755  |
| MINIMUM X                   | : | -.995 | -1.106 | -.584 |
| MAXIMUM Y                   | : | .503  | .428   | .477  |
| MINIMUM Y                   | : | -.673 | -.614  | -.565 |
| CENTROID X                  | : | -.745 | -.634  | -.496 |
| CENTROID Y                  | : | .359  | .434   | .385  |
| POR TO CENTROID in.         | : | .827  | .769   | .628  |
| MIN RADIUS                  | : | .371  | .316   | .315  |
| MEAN RADIUS                 | : | .702  | .627   | .545  |
| MAX RADIUS                  | : | 1.199 | 1.173  | .789  |
| HORIZONTAL SPREAD           | : | 1.999 | 1.999  | 1.339 |
| VERTICAL SPREAD             | : | 1.176 | 1.042  | 1.042 |
| EXTREME SPREAD              | : | 2.109 | 2.109  | 1.418 |
| NUMBER IN ONE INCH CIRCLE   | = |       | 3      |       |
| NUMBER IN TWO INCH CIRCLE   | = |       | 7      |       |
| NUMBER IN THREE INCH CIRCLE | = |       | 10     |       |

4 May 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C6349190

## CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

# OF SHOTS - 10

# IN CIR

1 in = 2

2 in = 5

3 in = 9

HS = 3.111

VS = 1.431

GS = 3.143

CENTROID \*

| PATTERN #                   | : | 2      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.790  | 1.220  | 1.079  |
| MINIMUM X                   | : | -1.321 | -1.122 | -1.139 |
| MAXIMUM Y                   | : | .837   | .831   | .767   |
| MINIMUM Y                   | : | -.594  | -.600  | -.664  |
| CENTROID X                  | : | .203   | .004   | .145   |
| CENTROID Y                  | : | .108   | .114   | .178   |
| POA TO CENTROID in.         | : | .230   | .115   | .229   |
| MIN RADIUS                  | : | .353   | .324   | .316   |
| MEAN RADIUS                 | : | 1.018  | .917   | .868   |
| MAX RADIUS                  | : | 1.791  | 1.338  | 1.189  |
| HORIZONTAL SPREAD           | : | 3.111  | 2.342  | 2.219  |
| VERTICAL SPREAD             | : | 1.431  | 1.431  | 1.431  |
| EXTREME SPREAD              | : | 3.143  | 2.550  | 2.227  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

4 May 1990

FILE:/PATTERNING/CENTERFIRE\_PATT/C6349190

## CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID \*

# OF SHOTS = 10

# IN CIR

1 in = 2

2 in = 7

3 in = 10

HS = 1.953

VS = 1.586

GS = 2.319

| PATTERN #                   | : | 3     |       |       |
|-----------------------------|---|-------|-------|-------|
| SHOTS (BEST OF)             | : | 10    | 9     | 8     |
| MAXIMUM X                   | : | 1.091 | .852  | .781  |
| MINIMUM X                   | : | -.862 | -.740 | -.811 |
| MAXIMUM Y                   | : | .988  | .926  | 1.033 |
| MINIMUM Y                   | : | -.598 | -.660 | -.553 |
| CENTROID X                  | : | .086  | -.036 | .035  |
| CENTROID Y                  | : | -.236 | -.174 | -.281 |
| POA TO CENTROID in.         | : | .251  | .177  | .284  |
| MIN RADIUS                  | : | .157  | .291  | .204  |
| MEAN RADIUS                 | : | .736  | .700  | .625  |
| MAX RADIUS                  | : | 1.228 | 1.032 | 1.114 |
| HORIZONTAL SPREAD           | : | 1.953 | 1.592 | 1.592 |
| VERTICAL SPREAD             | : | 1.586 | 1.586 | 1.586 |
| EXTREME SPREAD              | : | 2.319 | 1.795 | 1.705 |
| NUMBER IN ONE INCH CIRCLE   | = |       | 2     |       |
| NUMBER IN TWO INCH CIRCLE   | = |       | 7     |       |
| NUMBER IN THREE INCH CIRCLE | = |       | 10    |       |

4 May 1990

FILE:/PATTERNING/CENTERFIRE\_PATT/C6349190

## CENTERFIRE PATTERNS

# 4

POA

1in circle

2in circle

3in circle

CENTROID \*

# OF SHOTS- 10

# IN CIR

1in = 3

2in = 4

3in = 10

HS= 2.036

VS= 2.593

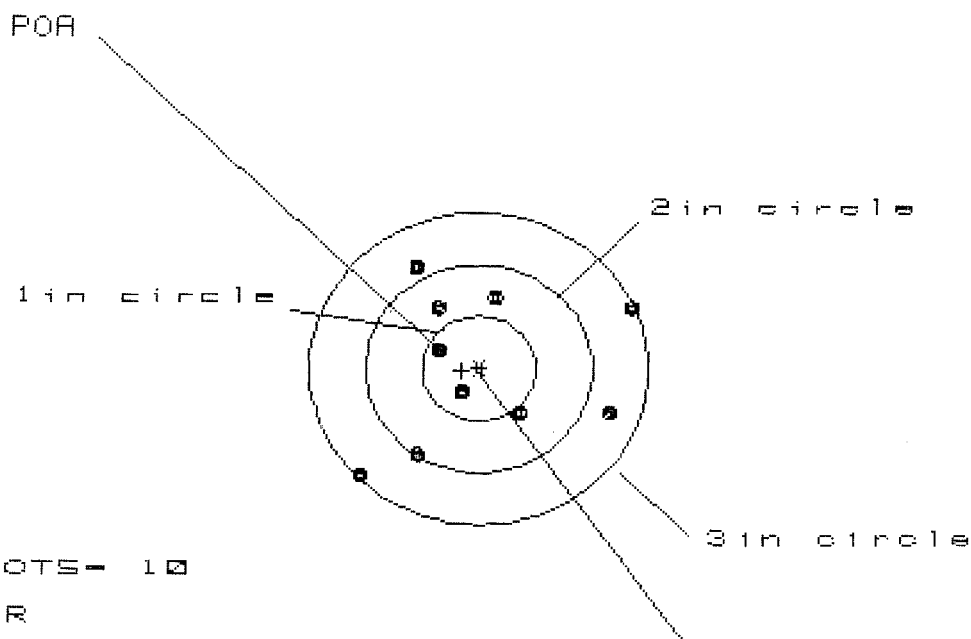
GS= 2.657

| PATTERN #                   | : | 4      |
|-----------------------------|---|--------|
| SHOTS (BEST OF)             | : | 10     |
| MAXIMUM X                   | : | .721   |
| MINIMUM X                   | : | -1.315 |
| MAXIMUM Y                   | : | 1.287  |
| MINIMUM Y                   | : | -1.306 |
| CENTROID X                  | : | .326   |
| CENTROID Y                  | : | -.135  |
| POA TO CENTROID in.         | : | .353   |
| MIN RADIUS                  | : | .239   |
| MEAN RADIUS                 | : | .894   |
| MAX RADIUS                  | : | 1.464  |
| HORIZONTAL SPREAD           | : | 2.036  |
| VERTICAL SPREAD             | : | 2.593  |
| EXTREME SPREAD              | : | 2.657  |
| NUMBER IN ONE INCH CIRCLE   | = | 3      |
| NUMBER IN TWO INCH CIRCLE   | = | 4      |
| NUMBER IN THREE INCH CIRCLE | = | 10     |

4 May 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C6349190

## CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.379

VS= 1.934

GS= 2.851

CENTROID #

| PATTERN #                   | : | 5      |       |       |
|-----------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | 1.315  | 1.197 | 1.156 |
| MINIMUM X                   | : | -1.064 | -.668 | -.518 |
| MAXIMUM Y                   | : | .952   | .843  | .903  |
| MINIMUM Y                   | : | -.982  | -.974 | -.914 |
| CENTROID X                  | : | .152   | .270  | .120  |
| CENTROID Y                  | : | .020   | .129  | .069  |
| POA TO CENTROID in.         | : | .153   | .299  | .138  |
| MIN RADIUS                  | : | .239   | .394  | .273  |
| MEAN RADIUS                 | : | .874   | .816  | .727  |
| MAX RADIUS                  | : | 1.447  | 1.290 | 1.257 |
| HORIZONTAL SPREAD           | : | 2.379  | 1.865 | 1.674 |
| VERTICAL SPREAD             | : | 1.934  | 1.817 | 1.817 |
| EXTREME SPREAD              | : | 2.851  | 2.336 | 2.180 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10    |       |

BARBER - M24 0109776

COMMENTS

ORDER  
R 97-06761

WOG 2 OF 3

CUSTOMER ORDER NO.

JJM

DATE RECEIVED  
03/20/97

DATE OPENED  
03/20/97

DATE CODE  
CK 4-90

SERIAL NUMBER  
C6349190

NEW SERIAL NUMBER

MODEL AND GRADE  
700 7.62

NATO

ACCESSORIES

HARD CASE

SCOPE BASE

W/STUDS

W/SWIVELS

FROM:

TRANSPORTATION OFFICER  
ATTN AFZB-DL-TO-BLDG 873  
FT CAMPBELL KY 42223

SHIP TO:

TRANSPORTATION OFFICER  
ATTN AFZB-DL-TO-BLDG 873  
FT CAMPBELL KY 42223

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

C1

D3

E5

F5

METAL

C2

MAIN FAULT

W52H097160#243

PARTS

COMMENTS

96003 - Barrel Assy  
96024 - Trigger Assy

Repowder Coat - Trigger Guard Assy  
Front & Rear Sight Bases  
Rezinc - Scope Base, Survival  
Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 6/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

BARBER - M24 01099109815

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6349190

DATE 4-12-97

TESTER DA

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-------|------------------------------------------------------------------------|
| PULL #1 | 2.65             | 2.61                     |                                | 2.84  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.52             | 2.59                     |                                | 2.72  |                                                                        |
| PULL #3 | 2.54             | 2.58                     |                                | 2.77  |                                                                        |
| PULL #4 | 2.50             | 2.50                     |                                | 2.69  |                                                                        |
| PULL #5 | 2.50             | 2.61                     |                                | 2.69  |                                                                        |
| TOTAL   | 12.71            | 12.89                    |                                | 13.71 |                                                                        |
| AVG.    | 2.54             | 2.57                     |                                | 2.74  |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.18             | 3.27                     |  |          |
| PULL #2 | 3.17             | 3.33                     |  |          |
| PULL #3 | 3.15             | 3.30                     |  |          |
| PULL #4 | 3.24             | 3.32                     |  |          |
| PULL #5 | 3.24             | 3.40                     |  |          |
| TOTAL   | 15.98            | 16.62                    |  |          |
| AVG.    | 3.19             | 3.32                     |  |          |

|         | 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 | 4.38             | 4.37                     |                                | 4.06                                 |
| PULL #2 | 4.43             | 4.37                     |                                | 4.02                                 |
| PULL #3 | 4.41             | 4.36                     |                                | 4.02                                 |
| PULL #4 | 4.33             | 4.22                     |                                | 4.00                                 |
| PULL #5 | 4.40             | 4.34                     |                                | 4.00                                 |
| TOTAL   | 21.95            | 21.64                    |                                | 20.10                                |
| AVG.    | 4.39             | 4.33                     |                                | 4.02                                 |

**BARBER - M24 0109778**

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6349190  
5 Jun 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1208  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0262  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .123609

THE AMR FOR THIS RIFLE IS: 1.152

**CENTROIDAL DISTANCES**

|   |    |   |         |
|---|----|---|---------|
| 0 | TO | 1 | .540926 |
| 1 | TO | 2 | .863245 |
| 1 | TO | 3 | 1.07297 |
| 1 | TO | 4 | .552001 |
| 1 | TO | 5 | 1.01833 |

2  
5      1  
      4      <----POA  
3

**BARBER - M24 0109779**

REMINGTON CENTERFIRE ACCURACY TEST

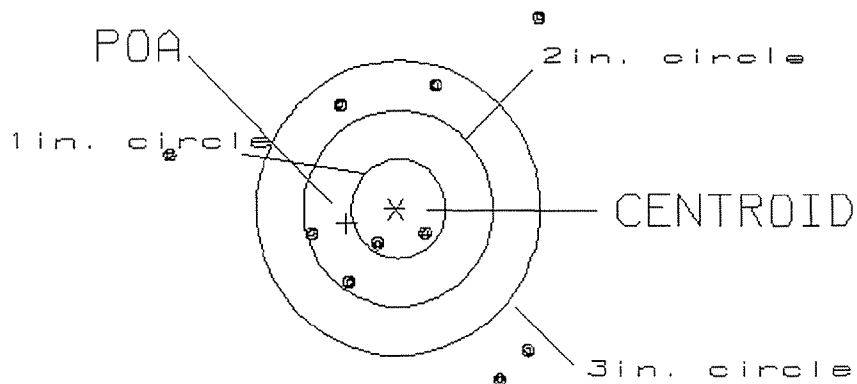
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐  
POA TO CENTROID: .540  
MIN RADIUS : .398  
MEAN RADIUS : 1.439  
MAX RADIUS : 2.497  
CENTROID X : .520  
CENTROID Y : .149

5 Jun 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6349190

CENTERFIRE PATTERN # 1



# OF SHOTS= 10

# IN CIRCLE

HS= 3.96

2

VS= 3.76

4

GS= 4.34

6

**BARBER - M24 0109780**

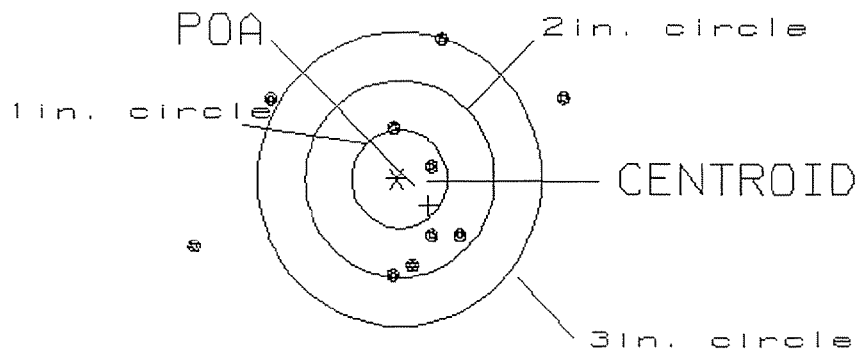
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐  
POA TO CENTROID: .433  
MIN RADIUS : .353  
MEAN RADIUS : 1.171  
MAX RADIUS : 2.320  
CENTROID X : -.334  
CENTROID Y : .275

5 Jun 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6349190

**CENTERFIRE PATTERN # 2**

# OF SHOTS= 10

# IN CIRCLE

HS= 3.94  
VS= 2.45  
GS= 4.22

1  
5  
6

**BARBER - M24 0109781**

REMINGTON CENTERFIRE ACCURACY TEST

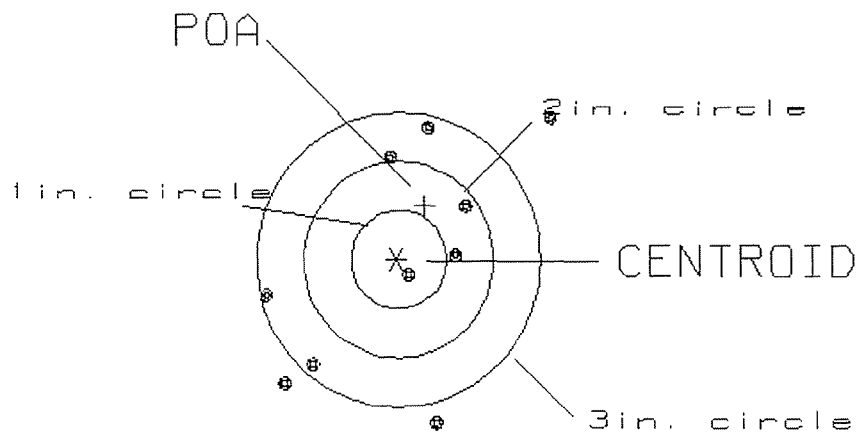
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3  
 POA TO CENTROID: .621  
 MIN RADIUS : .218  
 MEAN RADIUS : 1.273  
 MAX RADIUS : 2.184  
 CENTROID X : -.300  
 CENTROID Y : -.543

5 Jun 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6349190

CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 3.08  
 VS= 3.11  
 GS= 3.92

1  
 3  
 7

**BARBER - M24 0109782**

REMINGTON CENTERFIRE ACCURACY TEST

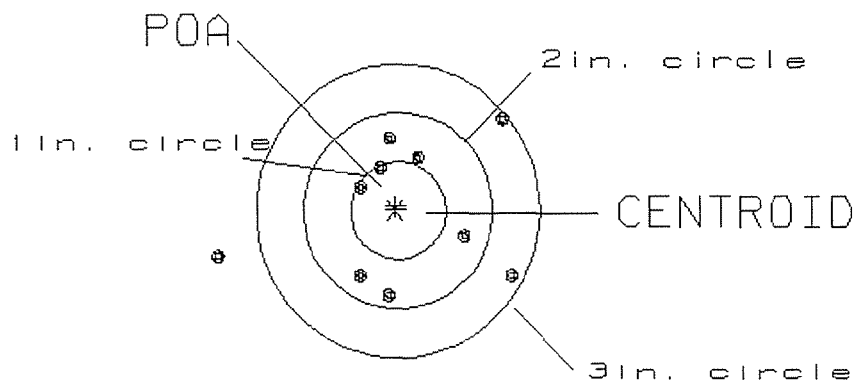
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4  
POA TO CENTROID: .039  
MIN RADIUS : .458  
MEAN RADIUS : .941  
MAX RADIUS : 1.999  
CENTROID X : .001  
CENTROID Y : -.039

5 Jun 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6349190

CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 3.10

1

VS= 1.81

7

GS= 3.37

9

**BARBER - M24 0109783**

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

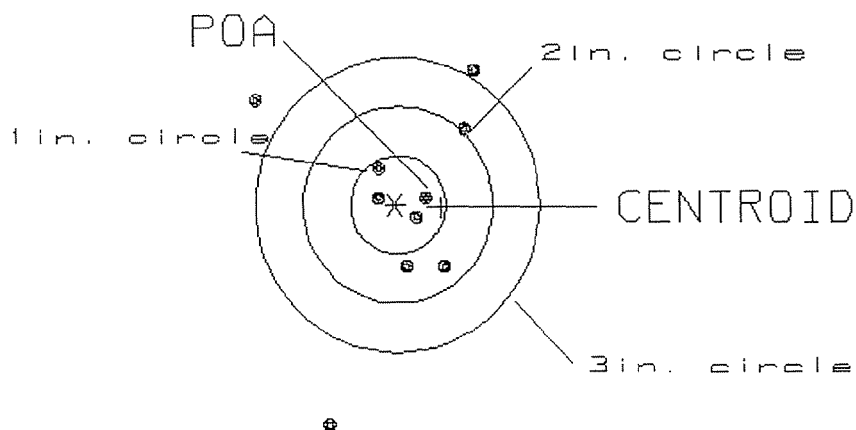
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .491  
MIN RADIUS : .220  
MEAN RADIUS : .937  
MAX RADIUS : 2.350  
CENTROID X : -.491  
CENTROID Y : .027

5 Jun 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6349198

CENTERFIRE PATTERN # 5



# OF SHOTS= 10

# IN CIRCLE

HS= 2.29

4

VS= 3.58

6

GS= 3.86

7

## 21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

Barrel

R&amp;E NO.

SERIAL NO.

C6349190

LOG IN DATE: / /

DATE

INIT.

INSPECT &amp; VERIFY:

OP. #

OP. NAME

550

DIS-ASSEMBLE GUN

560 A

RE-BARREL AT CUSTOM SHOP

B

DRILL &amp; TAP

C

POLISH

575

ASSEMBLE

600

PROOF

3/24/97

RW

605

CHECK HEADSPACE

610

DIS-ASSEMBLE

612

MAGNAFLUX

615

ROLLMARK CALIBER

618

ROTO-BLAST

620

APPLY COATINGS

625 A

FINAL ASSEMBLY

B

TRIGGER PULL TEST

C

SAFETY ON FORCE

D

SAFETY OFF FORCE

E

FIRING PIN INDENT

640

TARGET

6-4-97

TAD

655

FINAL INSPECT

660

PACK

QAR INSPECTION

SHIP DATE

## Final Inspection

Sn: C6349190

DATE REC'D: 3-20-97

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: