

C6349165

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5715

\*Includes 1 in chamber.

*Remington*

## Repair Inquiry

Repair Number: RE00129491

Serial: C6349165 Model M24 SWS Center Fire  
Caliber: 7.62 NATO

Repairman:

Status: New 5/18/2007 7:31:46 AM

Verify Repair

## Address Information

Customer:

Received From

Return To:

Received From

Name: FMC 25TH BSB (1-25TH SBCT)

FMC 25TH BSB (1-25TH SBCT)

Address 1: ATTN: CW3 A.J. AIYETORO

ATTN: CW3 A.J. AIYETORO

Address 2: 1060 GAFFNEY ROAD #9100

PO Box:

1060 GAFFNEY ROAD #9100

PO Box:

City: FORT WAINWRIGHT

FORT WAINWRIGHT

State: AK

Zip Code: 99703

Country: US

State: AK

Zip Code: 99703

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

Repair Search

Refresh

Close

naglej

5/18/2007

8:00 AM

CAPS

NUM

INS

SCRL

start

3 M...

2 M...

5 I...

Part ...

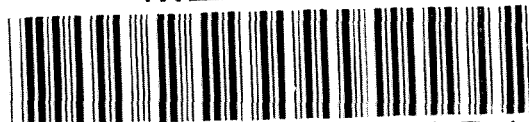
Arms...

Stoc...

8:00 AM

Serial Number: C6349165

Model: M24 SWS



RE00129491

|                                                                                                                                                                       |  |                                                    |  |                                        |                  |                                                                                                 |  |                                   |  |                                    |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------|--|----------------------------------------|------------------|-------------------------------------------------------------------------------------------------|--|-----------------------------------|--|------------------------------------|--|----------------------|--|-----------------|--|----------------------|--|--------------------------|--|-------------------|--|-----------------|--|
| MAINTENANCE REQUEST<br>For use of this form, see DA PAM 738-750 and 738-751;<br>the proponent agency is DCSLOG                                                        |  |                                                    |  | PAGE NO.<br>1                          | NO OF PAGES<br>3 | REQUIREMENT CONTROL SYMBOL<br>CSGLD-1047(R1)                                                    |  |                                   |  |                                    |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
| SECTION I - CUSTOMER DATA                                                                                                                                             |  |                                                    |  | SECTION II - MAINTENANCE ACTIVITY DATA |                  |                                                                                                 |  |                                   |  |                                    |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
| 1a. UIC CUSTOMER<br>WDPRB0                                                                                                                                            |  | 1b. CUSTOMER UNIT NAME<br>FMC 25 <sup>TH</sup> BSB |  | 1c. PHONE NO<br>907-353-1721           |                  | 3a. WORK ORDER NUMBER (WON)                                                                     |  | 3b. SHOP                          |  | 3c. PHONE NO                       |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
| 2a. SAMS-2 UIC/SAMS-I/TDA                                                                                                                                             |  | 2b. UTILIZATION CODE                               |  | 2c. MCSR                               |                  | 4a. UIC SUPPORT UNIT                                                                            |  | 4b. SUPPORT UNIT NAME             |  |                                    |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
| SECTION III - EQUIPMENT DATA                                                                                                                                          |  |                                                    |  |                                        |                  |                                                                                                 |  |                                   |  |                                    |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
| 5. TYPE MNT<br>REQ CODE                                                                                                                                               |  | 6. ID<br>A                                         |  | 7. NSN<br>1005-01-240-2136             |                  | 15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code)<br>- See Maintenance SOP         |  |                                   |  | F                                  |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
| 8. MODEL<br>M24                                                                                                                                                       |  |                                                    |  |                                        |                  | 15b. FIRST INDICATION OF TROUBLE/<br>HOW RECOGNIZED CODE (Enter Code)<br>See DA Maintenance SOP |  |                                   |  | 16. MILES/KILOMETERS/HOURS/ROUNDS  |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
| 9. NOUN<br>SNIPER WEAPON SYSTEM                                                                                                                                       |  |                                                    |  |                                        |                  |                                                                                                 |  |                                   |  |                                    |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
| 10a. ORG WON/DOC NO<br>DPRO3A700496                                                                                                                                   |  |                                                    |  | 10b. EIC                               |                  |                                                                                                 |  |                                   |  |                                    |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
| 11. SERIAL NUMBER<br>C6349165                                                                                                                                         |  |                                                    |  | 12. QTY<br>01                          |                  | 13. PD<br>02                                                                                    |  | 17. PROJECT CODE<br>(if assigned) |  | 18. ACCOUNT ROCESSING<br>CODE      |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
| 14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)                                                                                                            |  |                                                    |  |                                        |                  | 21. REIMBURSABLE CUSTOMER (if In transit customer enter Y or N)                                 |  |                                   |  | 19. IN WARRANTY?<br>(enter Y or N) |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
|                                                                                                                                                                       |  |                                                    |  |                                        |                  | 22. LEVEL OF WORK<br>D                                                                          |  | 23. SIGNATURE                     |  |                                    |  | 20. ADMIN NO         |  |                 |  |                      |  |                          |  |                   |  |                 |  |
| 24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not<br>prescribe repairs) FRONT SIGHT POST BENT |  |                                                    |  |                                        |                  |                                                                                                 |  |                                   |  |                                    |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
| 25. REMARKS                                                                                                                                                           |  |                                                    |  |                                        |                  |                                                                                                 |  |                                   |  |                                    |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
| 26. TECHNICAL REFERENCES                                                                                                                                              |  |                                                    |  |                                        |                  |                                                                                                 |  |                                   |  |                                    |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
| SECTION IV - TASK REQUIREMENTS DATA                                                                                                                                   |  |                                                    |  |                                        |                  |                                                                                                 |  |                                   |  |                                    |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
| 27a. FILE<br>INPUT<br>ACT CD                                                                                                                                          |  | 27b. TASK<br>NO                                    |  | 27c. ACT<br>CODE                       |                  | 27d. TASK DESCRIPTION                                                                           |  | 27e. QTY<br>TO BE RPR             |  | 27f. WORK<br>CENTER                |  | 27g. FAILURE<br>CODE |  | 27h. MH<br>PROJ |  | 27i. MH<br>EXP       |  |                          |  |                   |  |                 |  |
|                                                                                                                                                                       |  |                                                    |  |                                        |                  |                                                                                                 |  |                                   |  |                                    |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
|                                                                                                                                                                       |  |                                                    |  |                                        |                  |                                                                                                 |  |                                   |  |                                    |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
|                                                                                                                                                                       |  |                                                    |  |                                        |                  |                                                                                                 |  |                                   |  |                                    |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
|                                                                                                                                                                       |  |                                                    |  |                                        |                  |                                                                                                 |  |                                   |  |                                    |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
|                                                                                                                                                                       |  |                                                    |  |                                        |                  |                                                                                                 |  |                                   |  |                                    |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
| SECTION V - PART REQUIREMENTS                                                                                                                                         |  |                                                    |  |                                        |                  |                                                                                                 |  |                                   |  |                                    |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
| 28a. FILE<br>INPUT<br>ACT CD                                                                                                                                          |  | 28b. TASK<br>NO                                    |  | 28c. ID<br>NO                          |                  | 28d. NSN OR PART NUMBER                                                                         |  | 28e. SFX<br>CD                    |  | 28f. QTY<br>ROD                    |  | 28g. QTY<br>ISSUED   |  | 28h. NMCS<br>CD |  | 28i. FAILURE<br>CODE |  | 28j. STORAGE<br>LOCATION |  | 28k. INITIALS     |  | 28l. COST<br>\$ |  |
|                                                                                                                                                                       |  |                                                    |  |                                        |                  |                                                                                                 |  |                                   |  |                                    |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
|                                                                                                                                                                       |  |                                                    |  |                                        |                  |                                                                                                 |  |                                   |  |                                    |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
|                                                                                                                                                                       |  |                                                    |  |                                        |                  |                                                                                                 |  |                                   |  |                                    |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
|                                                                                                                                                                       |  |                                                    |  |                                        |                  |                                                                                                 |  |                                   |  |                                    |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
| 28m. TOTAL MANHOURS                                                                                                                                                   |  |                                                    |  | 28n. TOTAL MANHOURS COSTS \$           |                  |                                                                                                 |  | 28o. TOTAL PARTS COSTS\$          |  |                                    |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
| SECTION VI - COMPLETION DATA                                                                                                                                          |  |                                                    |  |                                        |                  |                                                                                                 |  |                                   |  |                                    |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
| 29. QTY RPR                                                                                                                                                           |  |                                                    |  | 30. QTY CONDEMN                        |                  |                                                                                                 |  | 31. QTY NRTS                      |  |                                    |  | 32. EVAC WON         |  |                 |  | 33. EVAC UNIT NAME   |  |                          |  |                   |  |                 |  |
| SECTION VII - ACTION SIGNATURES                                                                                                                                       |  |                                                    |  |                                        |                  |                                                                                                 |  |                                   |  |                                    |  |                      |  |                 |  |                      |  |                          |  |                   |  |                 |  |
| 34a. SUBMITTED BY<br>A5419                                                                                                                                            |  |                                                    |  | 35a. ACCEPTED BY                       |                  |                                                                                                 |  | 35c. DATE                         |  |                                    |  | 36a. WORK STARTED BY |  |                 |  | 37a. INSPECTION BY   |  |                          |  | 38a. PICKED UP BY |  |                 |  |
| 34b. DATE                                                                                                                                                             |  | 35b. STATUS                                        |  | 35d. TIME                              |                  | 36b. STATUS                                                                                     |  | 36c. DATE                         |  | 36d. TIME                          |  | 37b. STATUS          |  | 37c. DATE       |  | 37d. TIME            |  | 38b. STATUS              |  | 38c. DATE         |  | 38d. TIME       |  |





SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349165.\_\_0  
FILE DATE AND TIME: 07/09/2007 23:07

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

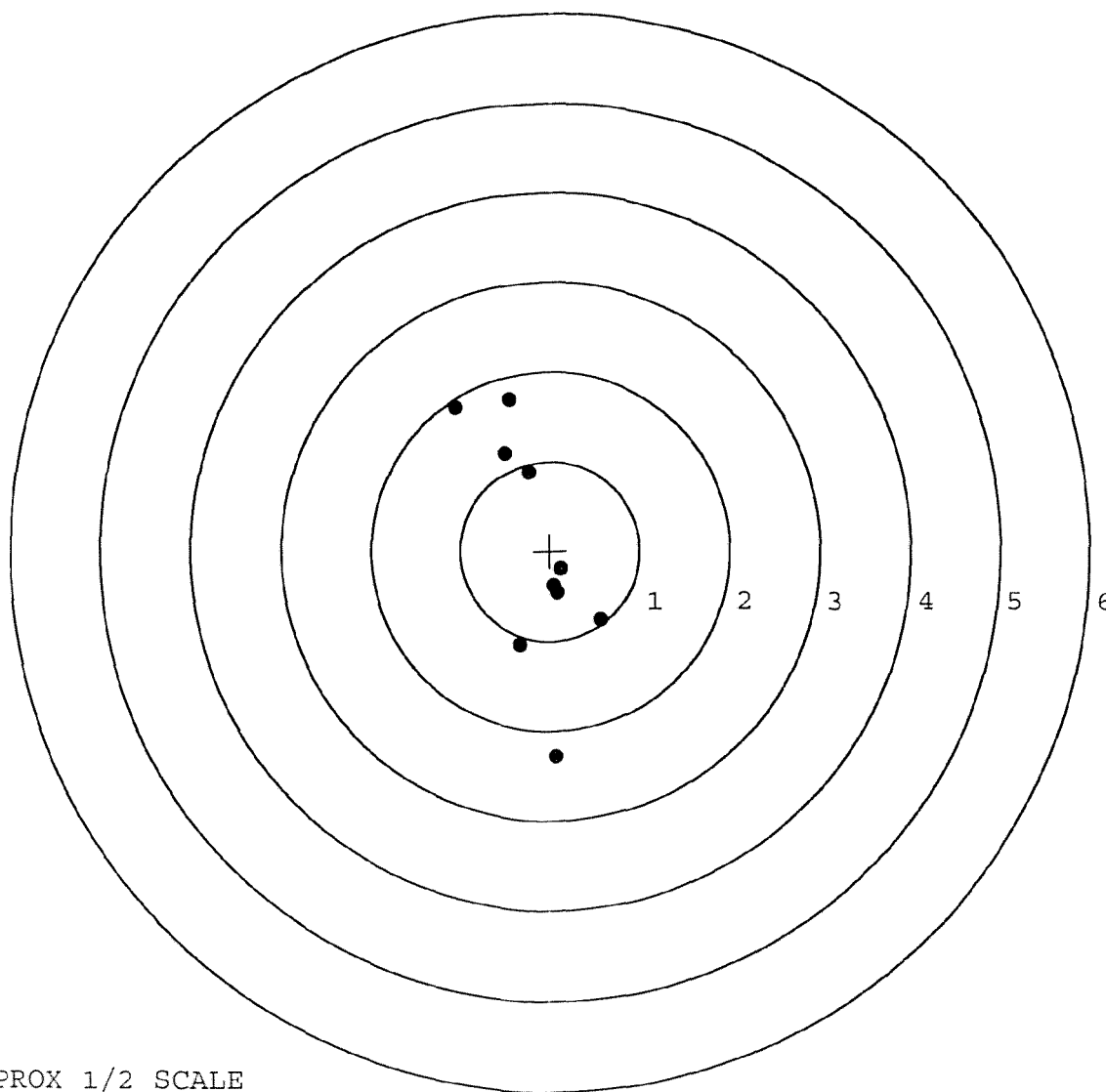
|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.057 |
| The Average Y Centroid of the Five Target Set:              | 0.045  |
| The Average Point of Impact of the Five Target Set:         | 0.072  |
| The Average Mean Radius of the Five Target Set:             | 0.877  |
| The Distance from POA to Centroid Target #1:                | 0.172  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.228  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.262  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.172  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.122  |

**BARBER - M24 0109192**

SERIAL NUMBER: C6349165. \_\_0  
 TARGET NUMBER: 1  
 FILE DATE: 07/09/2007  
 FILE TIME: 23:07

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.122  | -0.203 |
| 2:     | 0.080  | -0.473 |
| 3:     | 0.573  | -0.769 |
| 4:     | -0.336 | -1.046 |
| 5:     | -0.245 | 0.881  |
| 6:     | -0.510 | 1.088  |
| 7:     | -0.462 | 1.688  |
| 8:     | -1.062 | 1.593  |
| 9:     | 0.075  | -2.293 |
| 10:    | 0.044  | -0.393 |

X CENTROID: -0.172  
 Y CENTROID: 0.007  
 POA TO CENTROID: 0.172  
 HORZ SPREAD: 1.635  
 VERT SPREAD: 3.981  
 GROUP SPREAD: 4.049  
 MIN RADIUS: 0.362  
 MAX RADIUS: 2.314  
 MEAN RADIUS: 1.135  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 4  
 # in 3 IN DIAMETER: 7



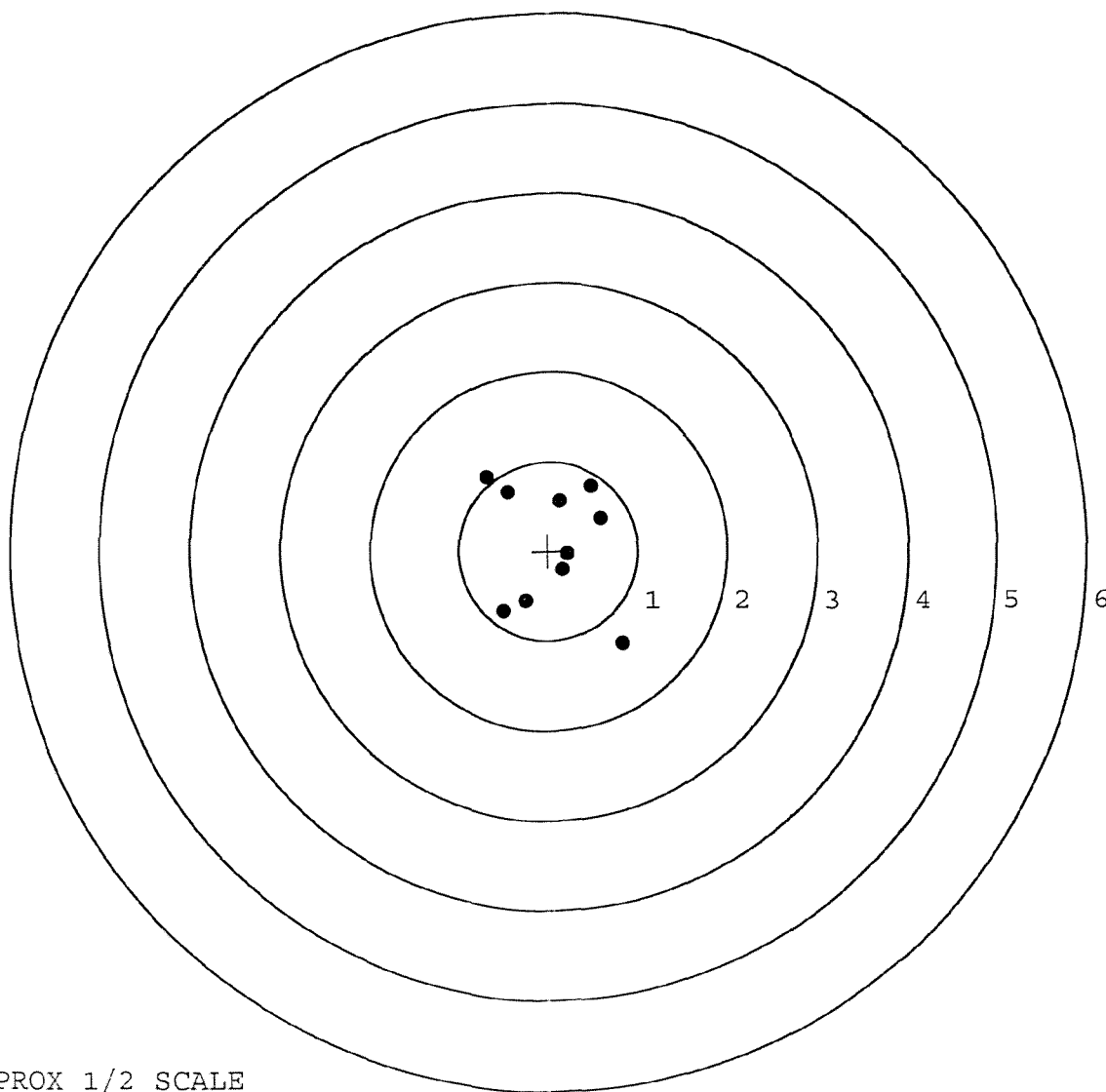
TARGET APPROX 1/2 SCALE

**BARBER - M24 0109193**

SERIAL NUMBER: C6349165. \_\_0  
 TARGET NUMBER: 2  
 FILE DATE: 07/09/2007  
 FILE TIME: 23:07

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.129  | 0.558  |
| 2:     | 0.479  | 0.725  |
| 3:     | 0.582  | 0.360  |
| 4:     | 0.162  | -0.219 |
| 5:     | 0.214  | -0.037 |
| 6:     | -0.256 | -0.563 |
| 7:     | -0.501 | -0.678 |
| 8:     | -0.460 | 0.664  |
| 9:     | -0.689 | 0.833  |
| 10:    | 0.831  | -1.037 |

X CENTROID: 0.049  
 Y CENTROID: 0.061  
 POA TO CENTROID: 0.078  
 HORZ SPREAD: 1.520  
 VERT SPREAD: 1.870  
 GROUP SPREAD: 2.410  
 MIN RADIUS: 0.192  
 MAX RADIUS: 1.348  
 MEAN RADIUS: 0.722  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0109194**

SERIAL NUMBER: C6349165. 0

TARGET NUMBER: 3

FILE DATE: 07/09/2007

FILE TIME: 23:07

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.475  | 0.117  |
| 2:     | 0.395  | -0.150 |
| 3:     | 1.126  | 0.061  |
| 4:     | 0.770  | -0.779 |
| 5:     | 0.534  | -1.003 |
| 6:     | -0.508 | -0.333 |
| 7:     | -0.593 | -0.066 |
| 8:     | -0.873 | 0.662  |
| 9:     | -0.384 | 0.852  |
| 10:    | -0.182 | 1.545  |

X CENTROID: 0.076

Y CENTROID: 0.091

POA TO CENTROID: 0.118

HORZ SPREAD: 1.999

VERT SPREAD: 2.548

GROUP SPREAD: 2.647

MIN RADIUS: 0.400

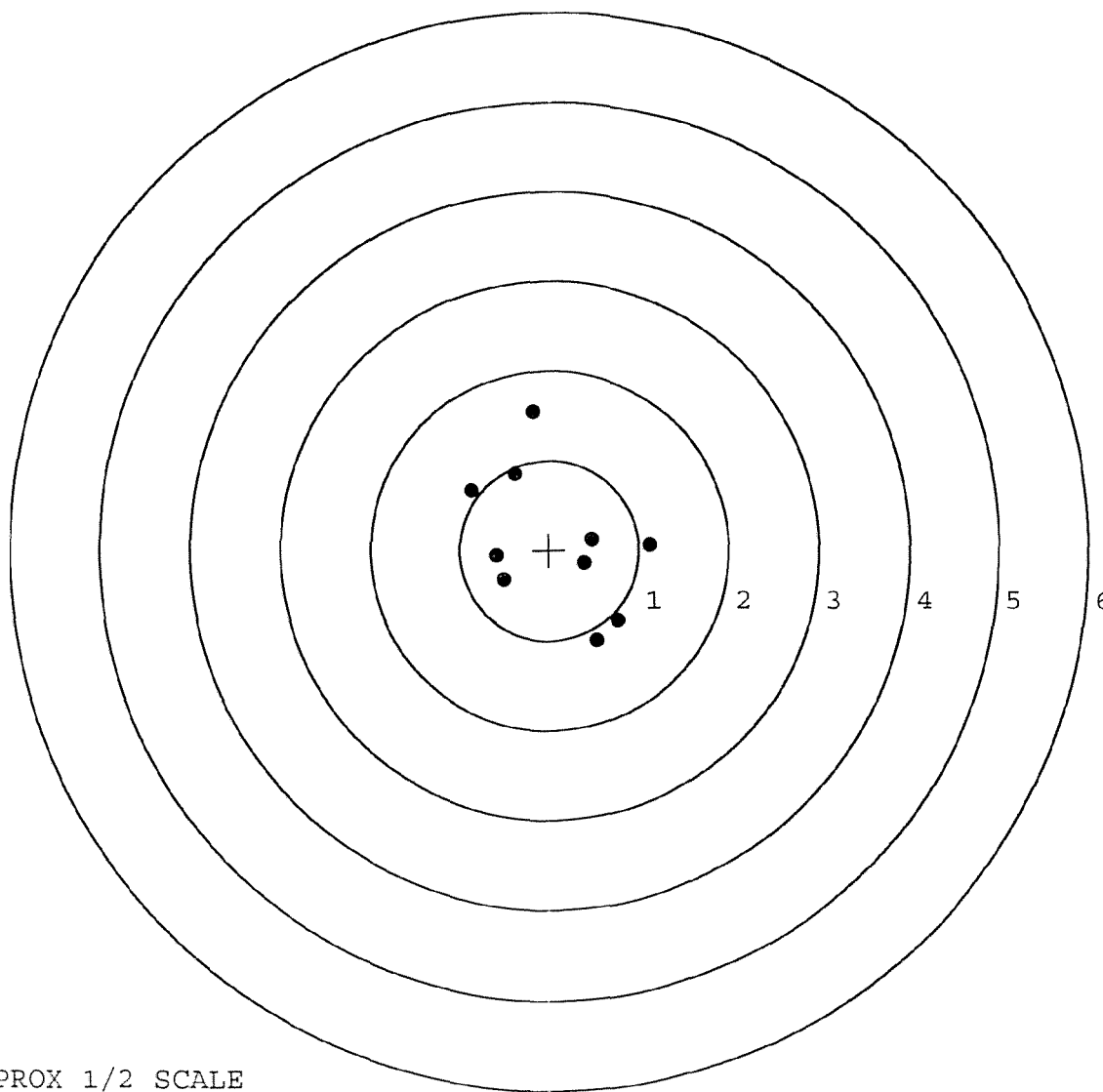
MAX RADIUS: 1.477

MEAN RADIUS: 0.903

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 5

# in 3 IN DIAMETER: 10



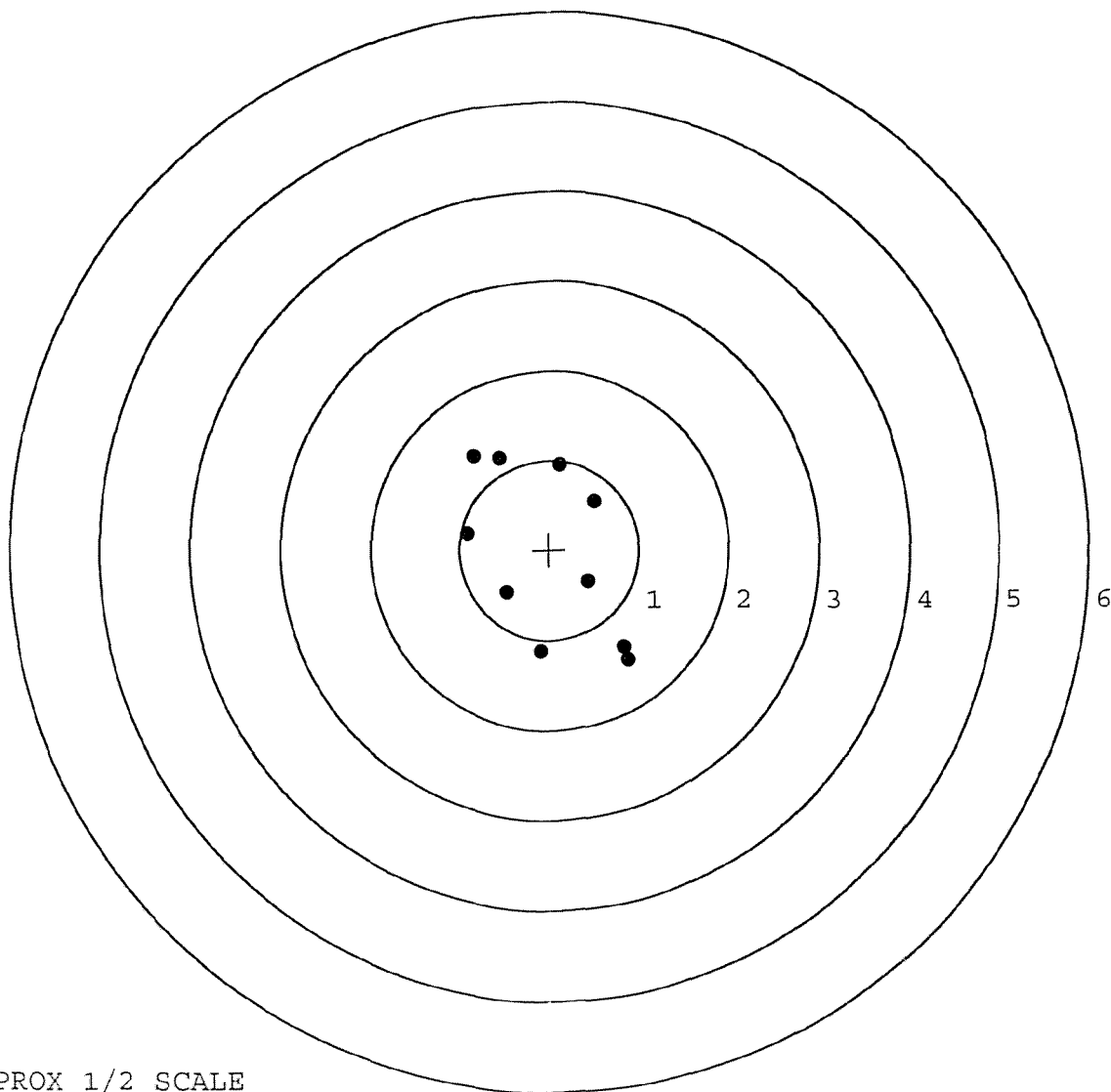
TARGET APPROX 1/2 SCALE

**BARBER - M24 0109195**

SERIAL NUMBER: C6349165. \_\_0  
 TARGET NUMBER: 4  
 FILE DATE: 07/09/2007  
 FILE TIME: 23:07

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.840 | 1.041  |
| 2:     | -0.559 | 1.028  |
| 3:     | 0.125  | 0.952  |
| 4:     | 0.501  | 0.539  |
| 5:     | 0.439  | -0.356 |
| 6:     | -0.478 | -0.471 |
| 7:     | -0.919 | 0.178  |
| 8:     | -0.096 | -1.127 |
| 9:     | 0.838  | -1.077 |
| 10:    | 0.883  | -1.219 |

X CENTROID: -0.011  
 Y CENTROID: -0.051  
 POA TO CENTROID: 0.052  
 HORZ SPREAD: 1.802  
 VERT SPREAD: 2.260  
 GROUP SPREAD: 2.842  
 MIN RADIUS: 0.543  
 MAX RADIUS: 1.470  
 MEAN RADIUS: 1.036  
 # IN 1 IN DIAMETER: 0  
 # IN 2 IN DIAMETER: 4  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0109196**

SERIAL NUMBER: C6349165. \_\_0

TARGET NUMBER: 5

FILE DATE: 07/09/2007

FILE TIME: 23:07

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.035  | 0.420  |
| 2:     | -0.368 | 0.669  |
| 3:     | -0.426 | 0.092  |
| 4:     | -0.797 | -0.071 |
| 5:     | -0.045 | -0.403 |
| 6:     | 0.062  | -0.481 |
| 7:     | 0.387  | -0.313 |
| 8:     | 0.151  | -0.235 |
| 9:     | -0.884 | 0.583  |
| 10:    | -0.378 | 0.907  |

X CENTROID: -0.226

Y CENTROID: 0.117

POA TO CENTROID: 0.255

HORZ SPREAD: 1.271

VERT SPREAD: 1.388

GROUP SPREAD: 1.555

MIN RADIUS: 0.201

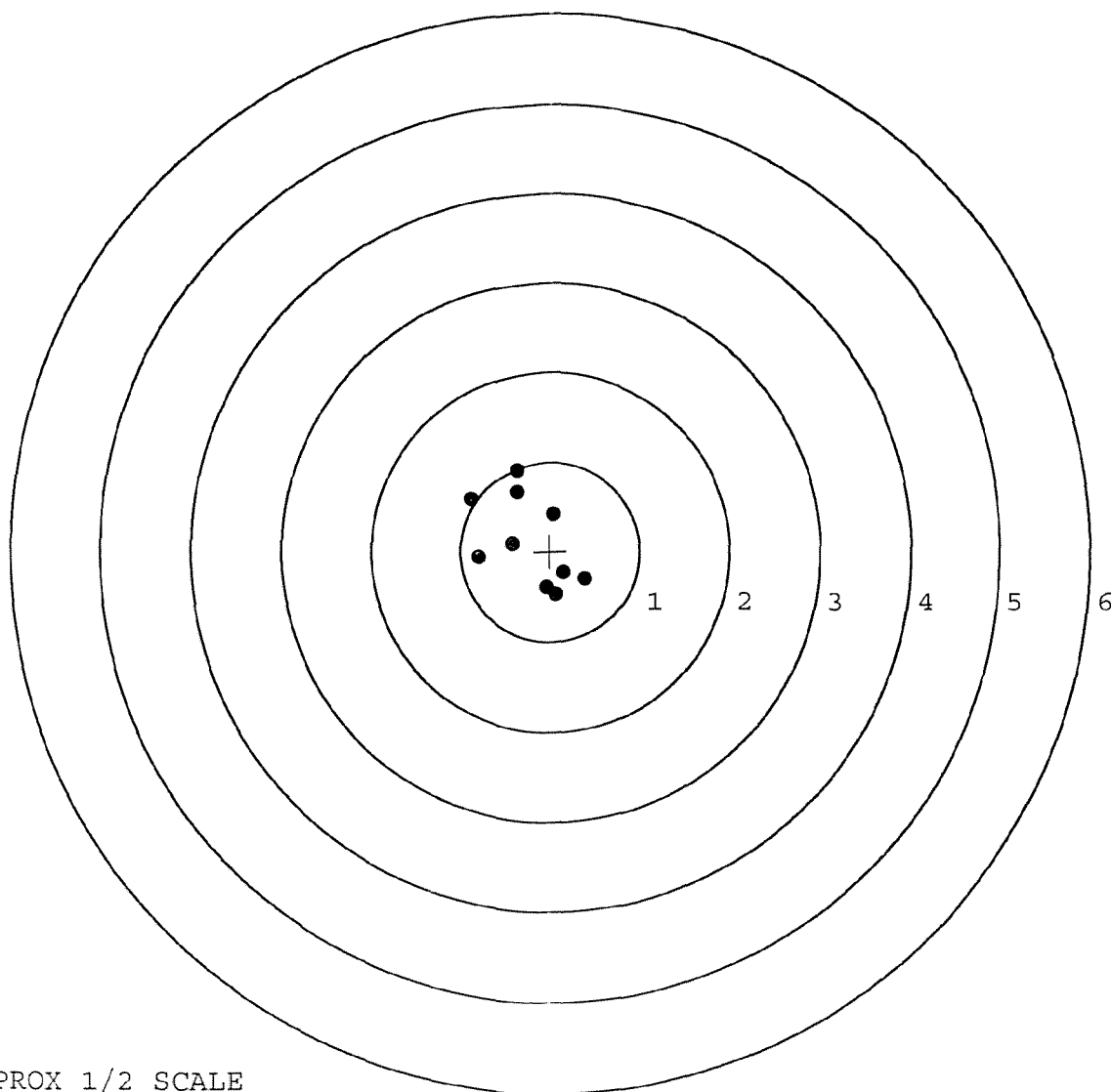
MAX RADIUS: 0.806

MEAN RADIUS: 0.586

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

| R & E NUMBER  | 129491               |                                           |                                  |         |
|---------------|----------------------|-------------------------------------------|----------------------------------|---------|
| SERIAL NUMBER | C6349165             |                                           |                                  |         |
| LOG-IN DATE   | 5-18-07              |                                           |                                  |         |
| OPERATION #   | OPERATION NAME       |                                           | DATE                             | INITIAL |
| 500           | DIS-ASSEMBLE GUN     |                                           | 6-12-07                          | RTR     |
| 505           | RE-BARREL            |                                           | 6-15-07                          | RTR     |
| 560           | ASSEMBLE             |                                           | 6-18-07                          | RTR     |
| 600           | PROOF                |                                           | 6-18-07                          | TRW     |
| 605           | CHECK HEADSPACE      |                                           | 6-18-07                          | TRW     |
| 610           | DIS-ASSEMBLE GUN     |                                           | 6-18-07                          | RTR     |
| 612           | MAGNAFLUX            | OPERATION WMS                             | 6-19-07                          | WMS     |
| 510           | DRILL AND TAP        |                                           | 6-18-07                          | SD      |
| 615           | ROLLMARK CALIBER     |                                           | 6-19-07                          | CW      |
| 618           | ROTO-BLAST           |                                           | 6-19-07                          | DG      |
| 620           | APPLY COATINGS       |                                           | 6-21-07                          | TS      |
| 625           | FINAL ASSEMBLY       |                                           | 7-5-07                           | SLP     |
| 640           | FUNCTION TEST AND    | PASS FAIL                                 | 7-11-07                          | WMS     |
| 650           | TARGET               | PASS FAIL                                 | 7-11-07                          | WMS     |
|               | MALFUNCTION          | CORRECTION                                |                                  |         |
|               | MALFUNCTION          | CORRECTION                                |                                  |         |
|               | MALFUNCTION          | CORRECTION                                |                                  |         |
|               | MALFUNCTION          | CORRECTION                                |                                  |         |
| 670           | FINAL INSPECTION     |                                           | 7-10-07                          | DA      |
|               | A) HEADSPACE         | PASS FAIL                                 | 7-10-07                          | DA      |
|               | B) TRIGGER PULL      | +/- .5 LBS<br>MIN 2.50 LBS<br>MAX 4.0 LBS | 2.57 2.57 2.34 2.43 2.39 7-10-07 | DA      |
| 680           | F) SAFETY ON FORCE   | 2 LBS MIN<br>10 LBS MAX                   | 4.0 4.0 4.0 7-10-07              | DA      |
|               | G) SAFETY OFF FORCE  | 2 LBS<br>MIN                              | 2.0 2.0 2.0 7-10-07              | DA      |
|               | I) FIRING PIN INDENT | .020                                      | .024 .023 .024 7-10-07           | DA      |
| 690           | PACK                 |                                           | 7-11-07                          | DA      |

**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: **RE00028683** Serial: C6349165 Model 700 Center Fire-Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 6/18/01 1:17:47 PM

Verify Repair

---

**Address Information**

Customer: ☒ Received From Return To: ☒ Received From

Name: TRANS OFFICER 256 235 6031 TRANS OFFICER 256 235 6031

Address 1: 7 FRANKFORD AVE BLDG 112 7 FRANKFORD AVE BLDG 112

Address 2: PO Box PO Box

City: ANNISTON ANNISTON

State: AL Zip Code: 36201 Country: US State: AL Zip Code: 36201 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

---

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

**Contact Information**

Phone: Fax: Email: Comments:

**Received Condition**

Condition: Poor

Notes: CSR Notes:

**Accessories Received**

| Code | Desc      | Qty |
|------|-----------|-----|
| A007 | With Stud | 1   |
| A010 | Hard Case | 1   |

Repair Search Refresh Close

---

naqet 6/18/01 2:36 PM CAPS NUM MS STH

Start Inbox Arm... Micro Amaz Part Free Lab SAP 2:36 PM

Serial Number:

**C6349165**Model: **700****RE00028683**

**BARBER - M24 0109199**

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6349165  
11 Jul 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.142  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0288  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .144891

THE AMR FOR THIS RIFLE IS: .9408

**CENTROIDAL DISTANCES**

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .571466 |
| 1 TO | 2 | .655515 |
| 1 TO | 3 | .464011 |
| 1 TO | 4 | .894685 |
| 1 TO | 5 | 1.00065 |

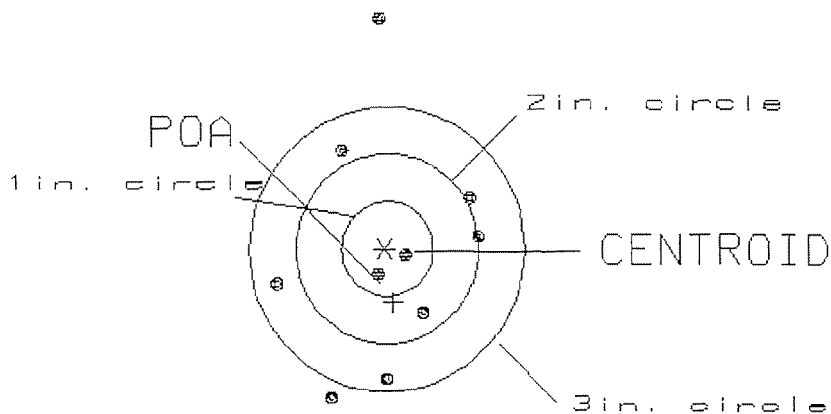
1  
2 3  
+ <----POA  
4  
5

PATTERN #: 010  
 POA TO CENTROID: .572  
 MIN RADIUS : .168  
 MEAN RADIUS : 1.103  
 MAX RADIUS : 2.419  
 CENTROID X : -.098  
 CENTROID Y : .563

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/e6349165

# CENTERFIRE PATTERN # 1



# OF SHOTS= 10

# IN CIRCLE

HS= 2.16

2

VS= 3.95

4

GS= 3.98

8

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

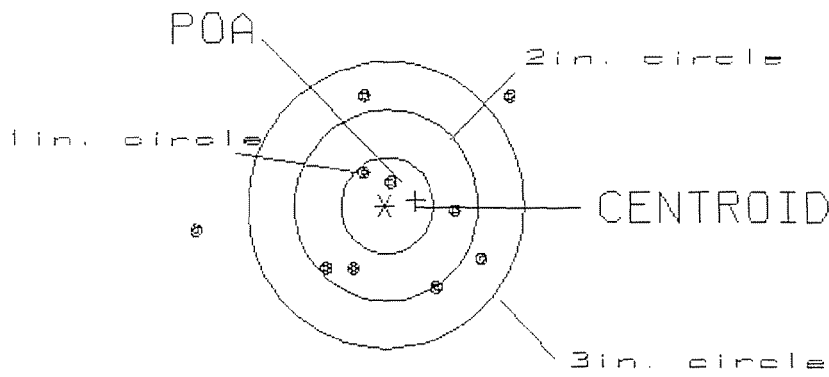
PATTERN #: 2

POA TO CENTROID: .341  
 MIN RADIUS : .265  
 MEAN RADIUS : 1.043  
 MAX RADIUS : 2.130  
 CENTROID X : -.338  
 CENTROID Y : -.047

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/e6349165

# CENTERFIRE PATTERN # 2



# OF SHOTS= 10

# IN CIRCLE

HS= 3.40  
 VS= 2.07  
 GS= 3.69

2  
 5  
 8

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

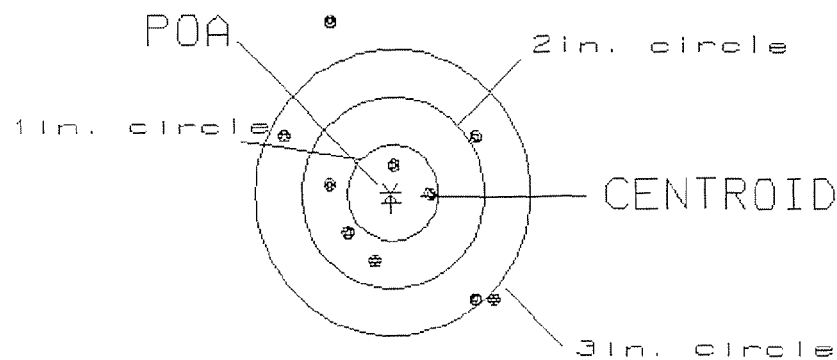
PATTERN #: 3

POA TO CENTROID: .108  
 MIN RADIUS : .306  
 MEAN RADIUS : 1.025  
 MAX RADIUS : 1.960  
 CENTROID X : -.007  
 CENTROID Y : .108

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/e6349165

# CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 2.36

2

VS= 2.99

5

GS= 3.47

8

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

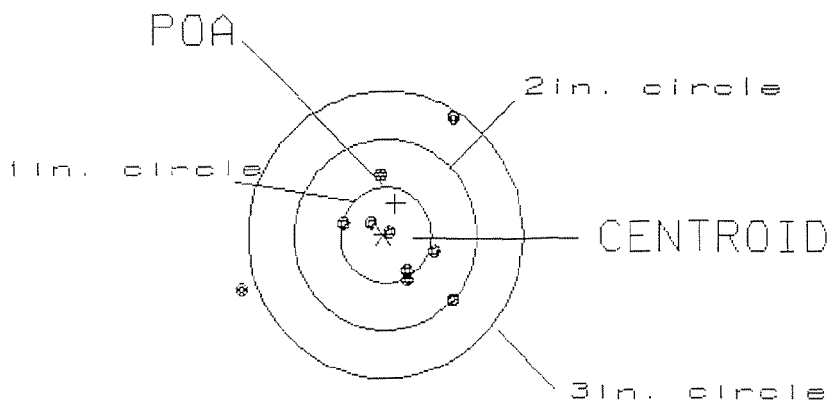
PATTERN #: 4

POA TO CENTROID: .357  
 MIN RADIUS : .028  
 MEAN RADIUS : .694  
 MAX RADIUS : 1.667  
 CENTROID X : -.133  
 CENTROID Y : -.331

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/e6349165

# CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 2.30

4

VS= 1.96

6

GS= 2.90

9

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

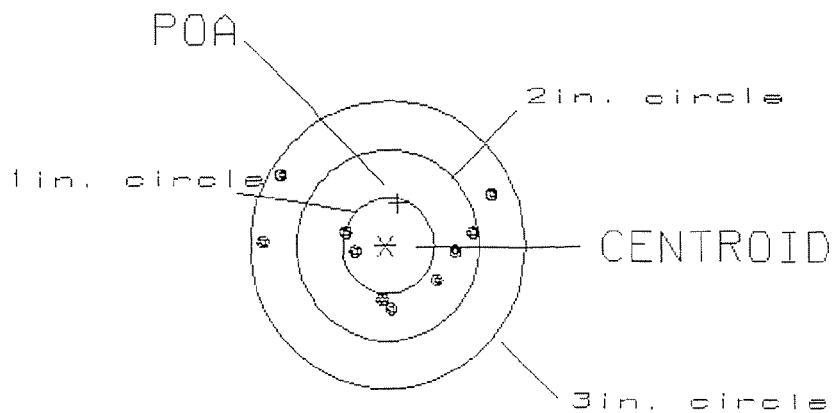
PATTERN #: 5

POA TO CENTROID: .457  
 MIN RADIUS : .388  
 MEAN RADIUS : .839  
 MAX RADIUS : 1.385  
 CENTROID X : -.134  
 CENTROID Y : -.437

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/e6349165

# CENTERFIRE PATTERN # 5



# OF SHOTS= 10

# IN CIRCLE

HS= 2.48

2

VS= 1.38

7

GS= 2.53

10

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# + .50#  
3.00# + .75#  
4.00# + 1.00#

SERIAL NO. \_\_\_\_\_

DATE 6/14/01TESTER BAK

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-------|------------------------------------------------------------------------|
| PULL #1 | 2.28             | 2.34                     |                                | 2.34  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.22             | 2.35                     |                                | 2.35  |                                                                        |
| PULL #3 | 2.15             | 2.37                     |                                | 2.36  |                                                                        |
| PULL #4 | 2.27             | 2.37                     |                                | 2.24  |                                                                        |
| PULL #5 | 2.17             | 2.37                     |                                | 2.27  |                                                                        |
| TOTAL   | 11.09            | 11.80                    |                                | 11.56 |                                                                        |
| AVG.    | 2.21             | 2.36                     |                                | 2.31  |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.23             | 3.16                     |  |          |
| PULL #2 | 3.27             | 3.25                     |  |          |
| PULL #3 | 3.29             | 3.18                     |  |          |
| PULL #4 | 3.22             | 3.25                     |  |          |
| PULL #5 | 3.17             | 3.09                     |  |          |
| TOTAL   | 16.18            | 15.93                    |  |          |
| AVG.    | 3.23             | 3.18                     |  |          |

|         | 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 | 4.36             | 4.04                     |                                | 4.13                                 |
| PULL #2 | 4.08             | 4.27                     |                                | 4.12                                 |
| PULL #3 | 4.08             | 4.15                     |                                | 4.04                                 |
| PULL #4 | 4.05             | 4.02                     |                                | 4.04                                 |
| PULL #5 | 4.11             | 4.15                     |                                | 4.20                                 |
| TOTAL   | 20.68            | 20.63                    |                                | 20.53                                |
| AVG.    | 4.13             | 4.12                     |                                | 4.10                                 |

RECEIVING BARBER - M24 1009245

COMMENTS

ORDER  
R 96-02609

INITIAL CUSTOMER ORDER NO.

W/LEUPOLD SCOPE W/BI-POD  
W/DEPLOYMENT KIT

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

01/16/96

01/17/96

C6349165

700 7.62

NATO

ACCESSORIES

HARD CASE

SCOPE MNTS

SCOPE BASE

FROM:

SHIP TO:

US ARMY  
HHC 4/9 INF  
FT WAINWRIGHT

AK 99703

US ARMY  
HHC 4/9 INF  
FT WAINWRIGHTAK  
99703

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

CUST NO: 135896 C.O.D.

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

Barrel - 96003

Stock - 96018

Scope Dust Covers Front &amp; Rear - 96043 &amp; 96044

Soft Carrying Case - 96076

Repowder Coat - Trigger Guard  
ASSY Front & Rear Sight Bases  
ReZinc Scope Base, Rings &  
Swivel Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD8925 REV. 1/84

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

BARBER - M24 1009245

CONTRACT # DAAA21-87-C-0086

*New Barrel  
Stock*

GUN SERIAL #

*C6349165*

| OP. #        | OP. NAME                                                       | READINGS | DATE           | INITIAL   |
|--------------|----------------------------------------------------------------|----------|----------------|-----------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   |          | <i>1/22/96</i> | <i>RW</i> |
| 600          | Proof                                                          |          | <i>1/22/96</i> | <i>RW</i> |
| 607          | Check Headspace                                                |          | <i>1/22/96</i> | <i>RW</i> |
| 610          | Dis-assemble Gun                                               |          | <i>1/22/96</i> | <i>RW</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>2/1/96</i>  | <i>RW</i> |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | <i>2/1/96</i>  | <i>RW</i> |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | <i>2/1/96</i>  | <i>RW</i> |
|              | D) Oil Firing Pin Ass'y                                        |          | <i>2/1/96</i>  | <i>RW</i> |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          |                |           |

| BARBER - M24 0109208 |                                                             |          |  |  |        |      |
|----------------------|-------------------------------------------------------------|----------|--|--|--------|------|
| op. #                | OP. NAME                                                    | READINGS |  |  | DATE   | INIT |
| 625<br>cont.         | F) Safety On Force                                          |          |  |  |        |      |
|                      | G) Safety Off Force                                         |          |  |  |        |      |
|                      | H) Trigger Pull Test & Retainability                        |          |  |  |        |      |
|                      | I) Firing Pin Indent                                        |          |  |  |        |      |
|                      | J) Assemble Stock                                           |          |  |  | 2/1/96 | Rw   |
|                      | K) Assemble Swivel Studs                                    |          |  |  |        |      |
|                      | L) Attach Front and Rear Sight Assemblies                   |          |  |  |        |      |
|                      | M) Iron Sight Alignment                                     |          |  |  |        |      |
|                      | N) Detach Front & Rear Sights & place in numbered container |          |  |  |        |      |
|                      | O) Attach Scope to Rifle                                    |          |  |  |        |      |
|                      | P) Detach & Attach Scope 20 Times                           |          |  |  |        |      |
| 640                  | Gallery Target & Test                                       |          |  |  | 2/1/96 | PC   |
|                      | A) Time                                                     |          |  |  |        |      |
|                      | B) Malfunctions                                             |          |  |  |        |      |
|                      | C) Pierced Primers                                          |          |  |  |        |      |
|                      | D) Optical Clarity of Scope                                 |          |  |  |        |      |
| 645                  | Inspect for Live Ammo                                       |          |  |  | 2/1/96 | PC   |
| 655                  | Final Inspection                                            |          |  |  |        |      |
|                      | A) Headspace                                                |          |  |  | 2/2/96 | Rw   |
|                      | B) Trigger Pull                                             |          |  |  |        |      |
|                      | C) Function                                                 |          |  |  | 2/2/96 | Rw   |
| 660                  | Pack                                                        |          |  |  |        |      |

## Final Inspection

S.N: C6349165

DATE REC'D: 1/17/96

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 # C6349165  
3 Jan 1900

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | 1.30462 |
| 1 TO | 2 | .553943 |
| 1 TO | 3 | .412923 |
| 1 TO | 4 | .140289 |
| 1 TO | 5 | .123548 |

2<sup>5</sup><sub>3</sub>

+ (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0394  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.119

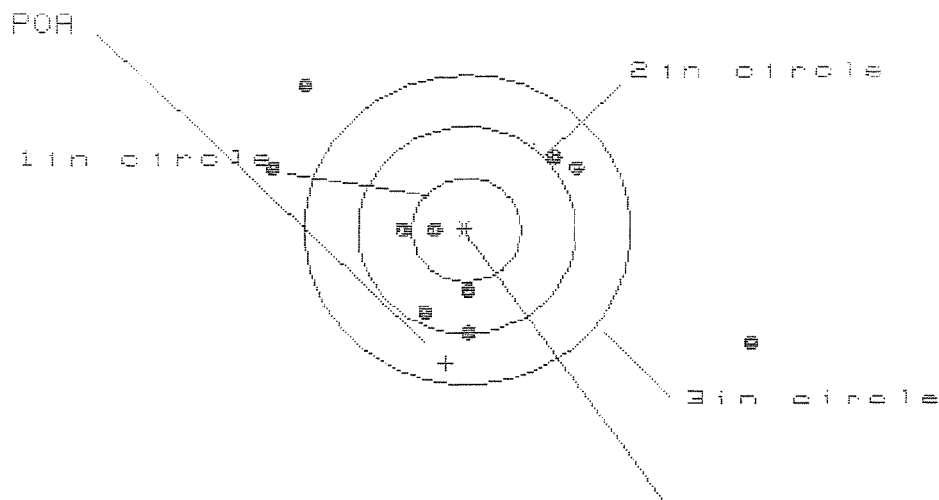
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.11969

THE AMR FOR THIS RIFLE IS: 1.099

3 Jan 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C8349165

## CENTERFIRE PATTERNS # 1



# OF SHOTS = 10

# IN CIRC

1 in = 1

2 in = 4

3 in = 7

HS = 4.048

VS = 2.523

GS = 4.888

CENTROID #

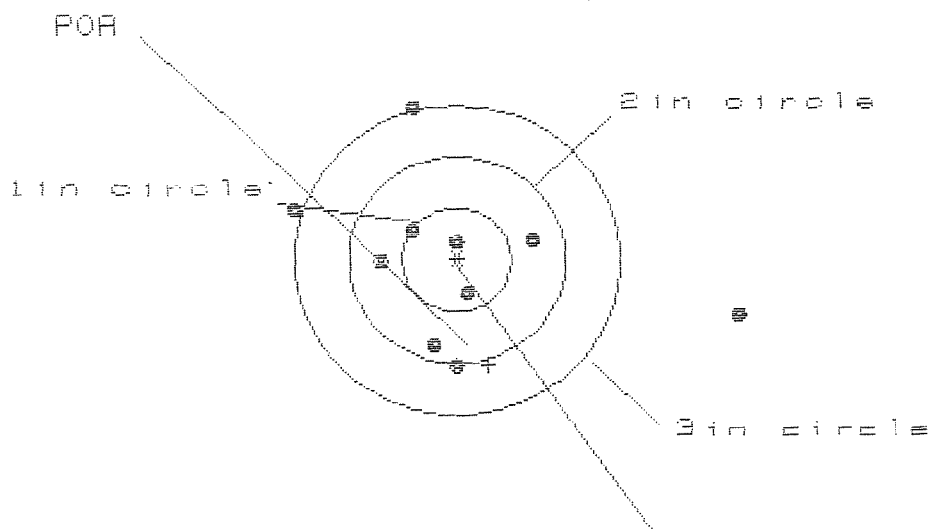
## PATTERN #

|                               | 10     | 9      | 8      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 2.583  | 1.336  | 1.183  |
| MINIMUM X                     | -1.762 | -1.476 | -1.629 |
| MAXIMUM Y                     | 1.402  | 1.278  | .737   |
| MINIMUM Y                     | -1.121 | -1.125 | -.966  |
| CENTROID X                    | .188   | -.098  | .055   |
| CENTROID Y                    | 1.291  | 1.415  | 1.256  |
| POA TO CENTROID in.           | 1.304  | 1.419  | 1.257  |
| MIN RADIUS                    | .292   | .094   | .170   |
| MEAN RADIUS                   | 1.240  | 1.031  | .913   |
| MAX RADIUS                    | 2.815  | 1.770  | 1.767  |
| HORIZONTAL SPREAD             | 4.345  | 2.812  | 2.812  |
| VERTICAL SPREAD               | 2.523  | 2.403  | 1.703  |
| EXTREME SPREAD                | 4.889  | 2.866  | 2.812  |
| NUMBER IN ONE INCH CIRCLE =   | 1      | 1      | 1      |
| NUMBER IN TWO INCH CIRCLE =   | 4      | 4      | 4      |
| NUMBER IN THREE INCH CIRCLE = | 7      | 7      | 7      |

3 Jan 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C6345165

# CENTERFIRE PATTERNS # 2



# OF SHOTS = 10

# IN CIR

1 in = 2

2 in = 7

3 in = 7

HE = 4.041

VS = 2.501

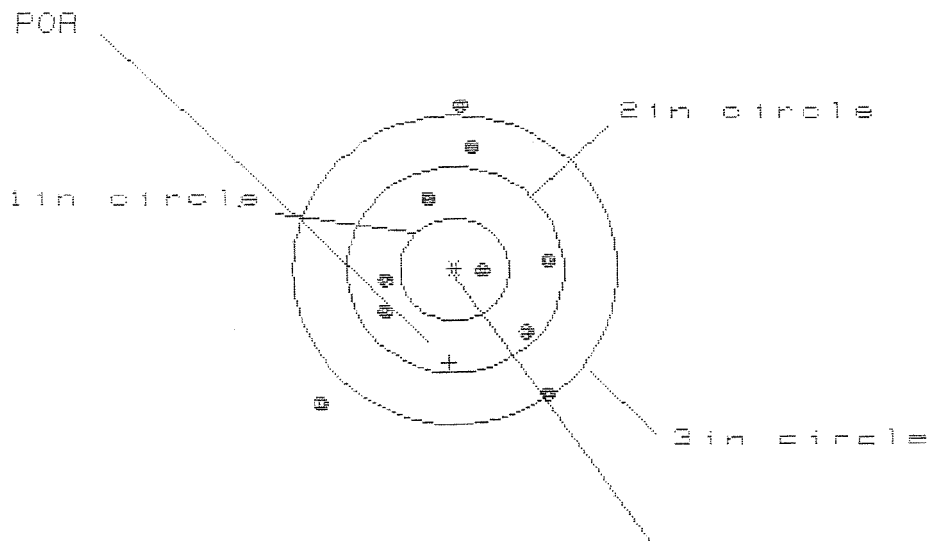
GS = 4.159

CENTROID #

| PATTERN #                   | : | 2      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 2.550  | .927   | .776   |
| MINIMUM X                   | : | -1.491 | -1.208 | -.577  |
| MAXIMUM Y                   | : | 1.503  | 1.444  | 1.494  |
| MINIMUM Y                   | : | -.998  | -1.057 | -1.007 |
| CENTROID X                  | : | -.294  | -.577  | -.426  |
| CENTROID Y                  | : | 1.018  | 1.077  | 1.027  |
| POR TO CENTROID in.         | : | 1.060  | 1.222  | 1.112  |
| MIN RADIUS                  | : | .145   | .284   | .181   |
| MEAN RADIUS                 | : | .993   | .794   | .715   |
| MAX RADIUS                  | : | 2.604  | 1.450  | 1.520  |
| HORIZONTAL SPREAD           | : | 4.041  | 2.135  | 1.353  |
| VERTICAL SPREAD             | : | 2.501  | 2.501  | 2.501  |
| EXTREME SPREAD              | : | 4.159  | 2.530  | 2.530  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 7      |        |

3 Jan 1988 \*\*\* FILE:/PATTERNING/CENTERFIRE\_PATT/C6349165

## CENTERFIRE PATTERNS # 3



# OF SHOTS= 10

# IN CIR

1 in = 1

2 in = 6

3 in = 8

HS= 2.072

VS= 2.050

GS= 3.103

CENTROID \*

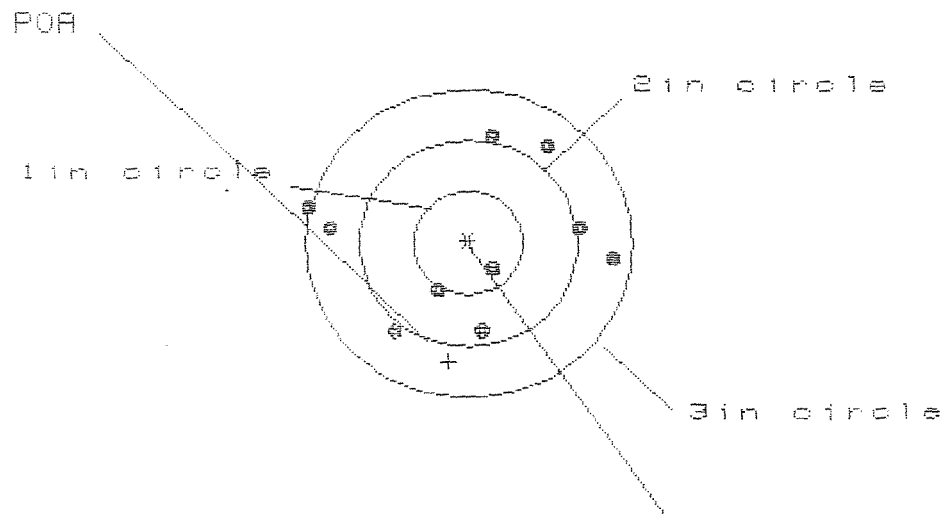
| PATTERN #                   | : | 3      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | .876   | .743   | .731   |
| MINIMUM X                   | : | -1.196 | -.783  | -.795  |
| MAXIMUM Y                   | : | 1.574  | 1.433  | 1.190  |
| MINIMUM Y                   | : | -1.276 | -1.325 | -1.146 |
| CENTROID X                  | : | .044   | .177   | .189   |
| CENTROID Y                  | : | .904   | 1.045  | .866   |
| POA TO CENTROID in.         | : | .905   | 1.060  | .887   |
| MIN RADIUS                  | : | .239   | .175   | .102   |
| MEAN RADIUS                 | : | 1.008  | .911   | .827   |
| MAX RADIUS                  | : | 1.748  | 1.498  | 1.336  |
| HORIZONTAL SPREAD           | : | 2.072  | 1.526  | 1.526  |
| VERTICAL SPREAD             | : | 2.850  | 2.758  | 2.336  |
| EXTREME SPREAD              | : | 3.103  | 2.871  | 2.428  |
| NUMBER IN ONE INCH CIRCLE   | = | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE   | = | 6      |        |        |
| NUMBER IN THREE INCH CIRCLE | = | 8      |        |        |

3 Jan 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C8349165

## CENTERFIRE PATTERNS

# 4



# OF SHOTS= 10

# IN CIR

1 in = 1

2 in = 3

3 in = 6

ME= 2.872

VS= 1.984

GS= 2.914

| PATTERN #                   | : | 10     | 9      | 8      |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.356  | 1.188  | 1.012  |
| MINIMUM X                   | : | -1.516 | -1.486 | -1.338 |
| MAXIMUM Y                   | : | 1.022  | 1.057  | 1.039  |
| MINIMUM Y                   | : | -.882  | -.847  | -.865  |
| CENTROID X                  | : | .179   | .347   | .199   |
| CENTROID Y                  | : | 1.151  | 1.116  | 1.134  |
| POA TO CENTROID in.         | : | 1.165  | 1.169  | 1.151  |
| MIN RADIUS                  | : | .382   | .267   | .356   |
| MEAN RADIUS                 | : | 1.048  | .967   | .941   |
| MAX RADIUS                  | : | 1.548  | 1.500  | 1.350  |
| HORIZONTAL SPREAD           | : | 2.872  | 2.674  | 2.350  |
| VERTICAL SPREAD             | : | 1.984  | 1.984  | 1.984  |
| EXTREME SPREAD              | : | 2.914  | 2.697  | 2.373  |
| NUMBER IN ONE INCH CIRCLE   | = | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE   | = | 3      |        |        |
| NUMBER IN THREE INCH CIRCLE | = | 6      |        |        |

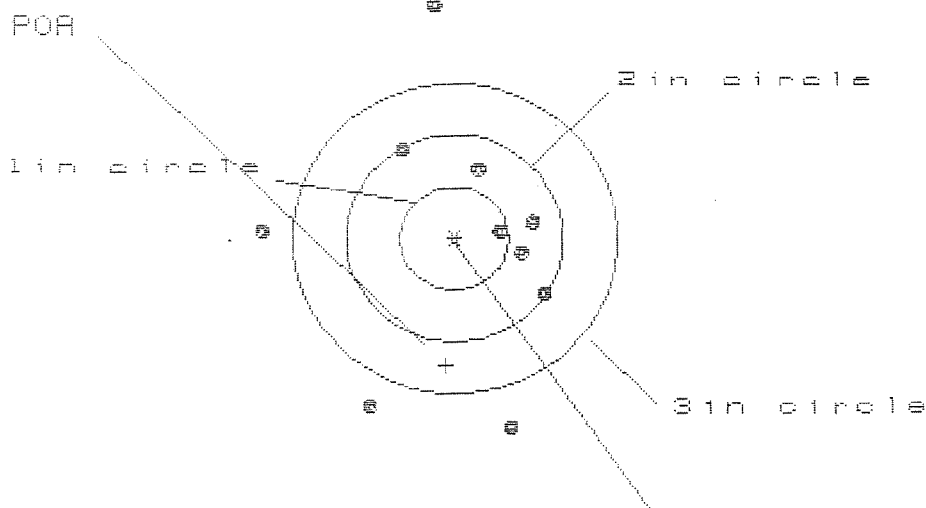
CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

BARBER - M24 0109214

3 Jan 1968

FILE:/PATTERNING/CENTERFIRE\_PATT/C6349163

## CENTERFIRE PATTERNS # 5



# OF SHOTS = 10

# IN CIR

1 in = 1

2 in = 6

3 in = 6

HS = 2.546

VS = 4.089

GS = 4.144

CENTROID #

| PATTERN #                     | 5      |        |        |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | .785   | .766   | .827   |
| MINIMUM X                     | -1.761 | -1.780 | -1.720 |
| MAXIMUM Y                     | 2.257  | 1.082  | .884   |
| MINIMUM Y                     | -1.832 | -1.581 | -1.585 |
| CENTROID X                    | .080   | .099   | .039   |
| CENTROID Y                    | 1.231  | .980   | 1.178  |
| POA TO CENTROID in.           | 1.234  | .985   | 1.179  |
| MIN RADIUS                    | .403   | .517   | .459   |
| MEAN RADIUS                   | 1.206  | 1.101  | 1.005  |
| MAX RADIUS                    | 2.263  | 1.802  | 1.760  |
| HORIZONTAL SPREAD             | 2.546  | 2.546  | 2.546  |
| VERTICAL SPREAD               | 4.089  | 2.663  | 2.469  |
| EXTREME SPREAD                | 4.144  | 2.933  | 2.685  |
| NUMBER IN ONE INCH CIRCLE =   |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 6      |        |

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349165

| OP. #        | OP. NAME                                                       | READINGS | DATE      | INIT |
|--------------|----------------------------------------------------------------|----------|-----------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 9 26     | 89        | RW   |
| 600          | Proof                                                          | 9 26     | 89        | RW   |
| 607          | Check Headspace                                                | 9 26     | 89        | RW   |
| 610          | Dis-assemble Gun                                               | 9 26     | 89        | RW   |
| 612          | Magnaflux Barrel<br>Action                                     | 9/29/89  |           | KCR  |
|              | Magnaflux Bolt                                                 | 9/29/89  |           | KCR  |
| 615          | Rollmark Caliber                                               | 9/29/89  |           | LB   |
| 7            | Drill and Tap Sight Holes                                      | 9 29 89  |           | LB   |
| 618          | Polish Barrel RB                                               | 9 29 89  |           | BT   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 10-11-89  | TSA  |
|              | Apply Coating (Bolt)                                           |          |           |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 10/12/89  | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 10/12/89  | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 10/12/89  | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 10/12/89  | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 25 Oct 89 | RL   |

**BARBER - M24 0109217**

| op. #        | OP. NAME                                                    | READINGS |       |      |     |     | DATE      | INIT |
|--------------|-------------------------------------------------------------|----------|-------|------|-----|-----|-----------|------|
| 625<br>cont. | F) Safety On Force                                          | 5        | 5     | 5    |     |     | 10/26/89  | 9cl  |
|              | G) Safety Off Force                                         | 3        | 3     | 3    |     |     | 10/26/89  | 9cl  |
|              | H) Trigger Pull Test & Retainability                        |          |       |      |     |     | 256/89    | 9cl  |
|              | I) Firing Pin Indent                                        | .022     | .0225 | .225 |     |     | 10/26/89  | 9cl  |
|              | J) Assemble Stock                                           |          |       |      |     |     | 10/31/89  | RW   |
|              | K) Assemble Swivel Studs                                    |          |       |      |     |     | 6/1/89    | 9cl  |
|              | L) Attach Front and Rear Sight Assemblies                   |          |       |      |     |     | 10/31/89  | RW   |
|              | M) Iron Sight Alignment                                     |          |       |      |     |     | 10/31/89  | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |       |      |     |     | 10/31/89  | RW   |
|              | O) Attach Scope to Rifle                                    |          |       |      |     |     | 10/31/89  | 9cl  |
|              | P) Detach & Attach Scope 20 Times                           |          |       |      |     |     | 10/31/89  | 9cl  |
| 640          | Gallery Target & Test                                       |          |       |      |     |     | 11-1-89   | AC   |
|              | A) Time                                                     |          |       |      |     |     | 11-1-89   | AC   |
|              | B) Malfunctions                                             |          |       |      |     |     | 11-1-89   | AC   |
|              | C) Pierced Primers                                          |          |       |      |     |     | 11-1-89   | AC   |
|              | D) Optical Clarity of Scope                                 |          |       |      |     |     | 11-1-89   | AC   |
| 645          | Inspect for Live Ammo                                       |          |       |      |     |     | 11-1-89   | AC   |
| 655          | Final Inspection                                            |          |       |      |     |     |           |      |
|              | A) Headspace                                                |          |       |      |     |     | 6/1/89    | 9cl  |
|              | B) Trigger Pull                                             | 225      | 230   | 229  | 235 | 229 | 6/1/89    | 9cl  |
|              | C) Function                                                 |          |       |      |     |     | 6/1/89    | 9cl  |
| 660          | Pack                                                        |          |       |      |     |     | 15 Dec 89 | 9cl  |

## SWS TRIGGER PULL TEST

BARBER - M24 0109218

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06349165DATE 3-13-90TESTER JEF

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------------------------------------------------------------------------|
| PULL #1 | 2.49             | 2.56                     | 2.47                           | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.44             | 2.47                     | 2.42                           |                                                                        |
| PULL #3 | 2.49             | 2.57                     | 2.40                           |                                                                        |
| PULL #4 | 2.54             | 2.61                     | 2.35                           |                                                                        |
| PULL #5 | 2.52             | 2.52                     | 2.38                           |                                                                        |
| TOTAL   | 12.48            | 12.73                    | 12.02                          |                                                                        |
| AVG.    | 2.496            | 2.546                    | 2.404                          |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES | COMMENTS |
|---------|------------------|--------------------------|----------|
| PULL #1 | 3.21             | 3.25                     |          |
| PULL #2 | 3.14             | 3.25                     |          |
| PULL #3 | 3.13             | 3.32                     |          |
| PULL #4 | 3.44             | 3.34                     |          |
| PULL #5 | 3.34             | 3.44                     |          |
| TOTAL   | 16.26            | 16.60                    |          |
| AVG.    | 3.252            | 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 | 4.46             | 4.28                     |                                |                                      |
| PULL #2 | 4.38             | 4.26                     |                                |                                      |
| PULL #3 | 4.26             | 4.25                     |                                |                                      |
| PULL #4 | 4.22             | 4.20                     |                                |                                      |
| PULL #5 | 4.07             | 4.17                     |                                |                                      |
| TOTAL   | 21.39            | 21.16                    |                                |                                      |
| AVG.    | 4.278            | 4.232                    |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06359165  
1 Nov 1989

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .816953 |
| 1 TO | 2 | .754488 |
| 1 TO | 3 | 1.12645 |
| 1 TO | 4 | .892121 |
| 1 TO | 5 | 1.2322  |

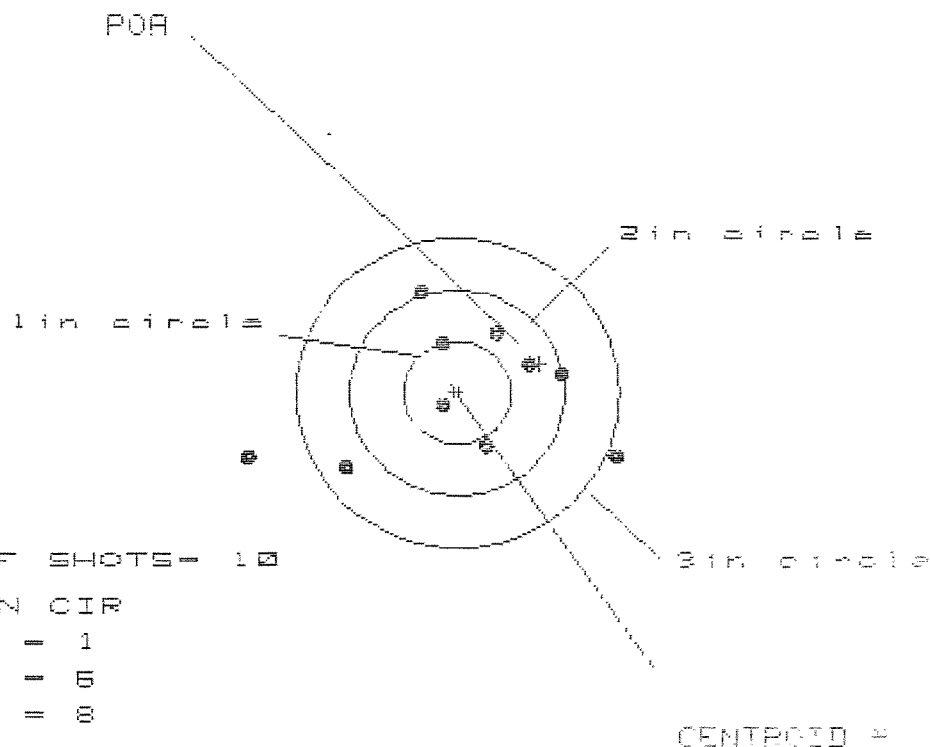
1  $\frac{2}{5}$  <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0096  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2018  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .202025  
THE AMR FOR THIS RIFLE IS: 1.015

1 May 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/06349185

## CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1 in = 1

2 in = 6

3 in = 8

HS= 3.379

VS= 1.661

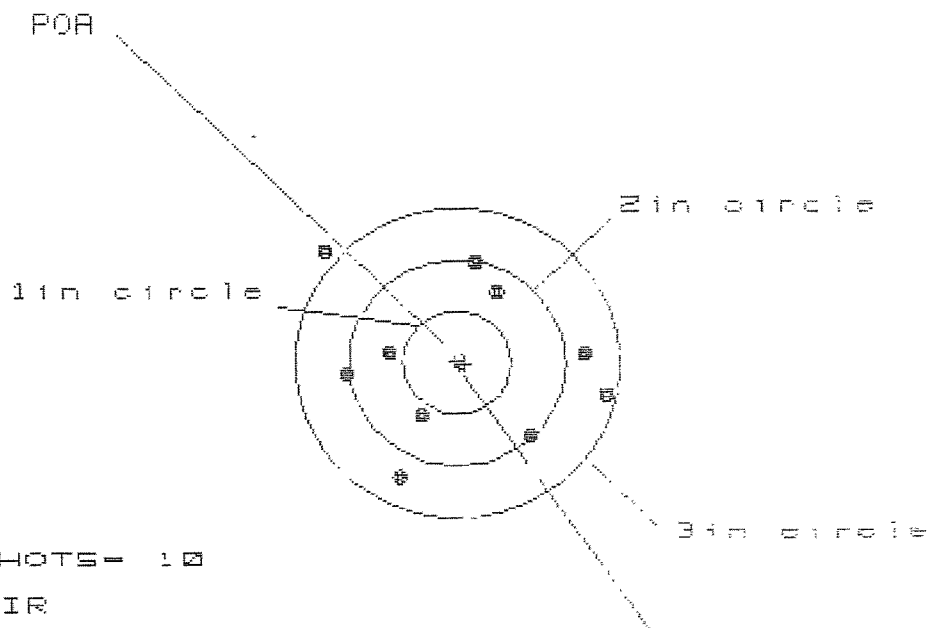
GS= 3.379

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.429  | 1.213  | 1.381  |
| MINIMUM X                     | -1.950 | -1.256 | -1.105 |
| MAXIMUM Y                     | .954   | .889   | .803   |
| MINIMUM Y                     | -.707  | -.772  | -.856  |
| CENTROID X                    | -.766  | -.550  | -.731  |
| CENTROID Y                    | -.284  | -.219  | -.133  |
| POR TO CENTROID in.           | .817   | .592   | .714   |
| MIN RADIUS                    | .190   | .413   | .344   |
| MEAN RADIUS                   | .956   | .910   | .703   |
| MAX RADIUS                    | 2.036  | 1.475  | 1.599  |
| HORIZONTAL SPREAD             | 3.379  | 2.469  | 1.966  |
| VERTICAL SPREAD               | 1.661  | 1.661  | 1.661  |
| EXTREME SPREAD                | 3.379  | 2.471  | 2.166  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 6      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 8      |        |        |

1 Nov 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/05345165

## CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1 in = 0

2 in = 6

3 in = 9

HS= 2.619

VS= 2.253

GS= 2.968

CENTROID +

| PATTERN #                   | : | 2      |
|-----------------------------|---|--------|
| SHOTS (BEST OF)             | : | 10     |
| MAXIMUM X                   | : | 1.384  |
| MINIMUM X                   | : | -1.235 |
| MAXIMUM Y                   | : | 1.103  |
| MINIMUM Y                   | : | -1.150 |
| CENTROID X                  | : | -.072  |
| CENTROID Y                  | : | .012   |
| POA TO CENTROID in.         | : | .073   |
| MIN RADIUS                  | : | .597   |
| MEAN RADIUS                 | : | 1.035  |
| MAX RADIUS                  | : | 1.656  |
| HORIZONTAL SPREAD           | : | 2.619  |
| VERTICAL SPREAD             | : | 2.253  |
| EXTREME SPREAD              | : | 2.968  |
| NUMBER IN ONE INCH CIRCLE   | = | 0      |
| NUMBER IN TWO INCH CIRCLE   | = | 6      |
| NUMBER IN THREE INCH CIRCLE | = | 9      |

1 Nov 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/06343185

## CENTERFIRE PATTERNS # 3

POA

1 in circle =

2 in circle =

3 in circle =

CENTROID =

# OF SHOTS= 10

# IN CIR

1 in = 0

2 in = 2

3 in = 6

HS= 3.057

VS= 2.791

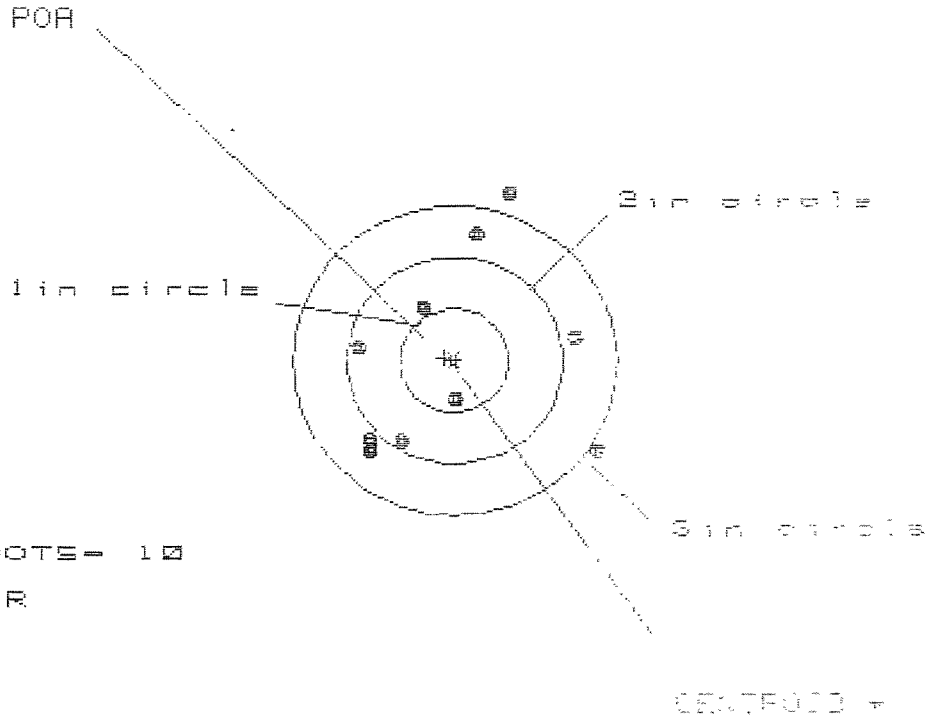
GS= 3.320

| PATTERN #                     | : | 3      |        |        |
|-------------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)               | : | 10     | 9      | 8      |
| MAXIMUM X                     | : | 1.281  | 1.084  | 1.173  |
| MINIMUM X                     | : | -1.776 | -1.187 | -1.039 |
| MAXIMUM Y                     | : | 1.446  | 1.501  | 1.747  |
| MINIMUM Y                     | : | -1.345 | -1.290 | -1.144 |
| CENTROID X                    | : | .356   | .553   | .464   |
| CENTROID Y                    | : | -.184  | -.239  | -.086  |
| POA TO CENTROID in.           | : | .401   | .603   | .472   |
| MIN RADIUS                    | : | .505   | .641   | .461   |
| MEAN RADIUS                   | : | 1.232  | 1.161  | 1.095  |
| MAX RADIUS                    | : | 1.844  | 1.519  | 1.477  |
| HORIZONTAL SPREAD             | : | 3.057  | 2.271  | 2.371  |
| VERTICAL SPREAD               | : | 2.791  | 2.791  | 2.791  |
| EXTREME SPREAD                | : | 3.320  | 2.811  | 2.811  |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 0      |        |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 2      |        |
| NUMBER IN THREE INCH CIRCLE = |   |        | 6      |        |

1 Nov 1985

FILE://PATTERNING/CENTERFIRE\_PATT/063451E5

## CENTERFIRE PATTERNS # 4



# OF SHOTS = 10

# IN CIR

1 in = 1

2 in = 4

3 in = 8

HS = 2.221

VS = 2.522

GS = 2.831

| PATTERN #                     | : | 4      | 9      | 8      |
|-------------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)               | : | 10     | 9      | 8      |
| MAXIMUM X                     | : | 1.342  | 1.400  | 1.328  |
| MINIMUM X                     | : | -1.879 | -1.821 | -1.848 |
| MAXIMUM Y                     | : | 1.610  | 1.397  | 1.096  |
| MINIMUM Y                     | : | -1.912 | -1.733 | -1.830 |
| CENTROID X                    | : | .028   | .030   | -1.145 |
| CENTROID Y                    | : | -1.026 | -1.205 | -1.114 |
| POA TO CENTROID in.           | : | .092   | .207   | .195   |
| MIN RADIUS                    | : | .419   | .246   | .401   |
| MEAN RADIUS                   | : | 1.077  | .975   | .809   |
| MAX RADIUS                    | : | 1.693  | 1.575  | 1.191  |
| HORIZONTAL SPREAD             | : | 2.221  | 2.221  | 1.474  |
| VERTICAL SPREAD               | : | 2.522  | 2.170  | 1.110  |
| EXTREME SPREAD                | : | 2.831  | 2.467  | 2.111  |
| NUMBER IN ONE INCH CIRCLE =   | : | 1      | 4      | 8      |
| NUMBER IN TWO INCH CIRCLE =   | : | 4      | 8      | 8      |
| NUMBER IN THREE INCH CIRCLE = | : | 8      | 8      | 8      |

1 Nov 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/CS345185

## CENTERFIRE PATTERNS

# 5

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= 2.212

VS= 1.322

GS= 2.567

| PATTERN #                   | : | 5      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.339  | 1.324  | 1.333  |
| MINIMUM X                   | : | -1.873 | -1.724 | -1.641 |
| MAXIMUM Y                   | : | .519   | .586   | .484   |
| MINIMUM Y                   | : | -1.793 | -1.736 | -1.494 |
| CENTROID X                  | : | .442   | .292   | .384   |
| CENTROID Y                  | : | -.527  | -.584  | -.492  |
| POA TO CENTROID in.         | : | .688   | .673   | .624   |
| MIN RADIUS                  | : | .489   | .301   | .413   |
| MEAN RADIUS                 | : | .775   | .697   | .711   |
| MAX. RADIUS                 | : | 1.431  | 1.324  | 1.375  |
| HORIZONTAL SPREAD           | : | 2.212  | 2.048  | 1.777  |
| VERTICAL SPREAD             | : | 1.322  | 1.322  | 1.322  |
| EXTREME SPREAD              | : | 2.567  | 2.197  | 2.177  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |        |

**Remington**  
MODEL 700<sup>TH</sup> H24

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

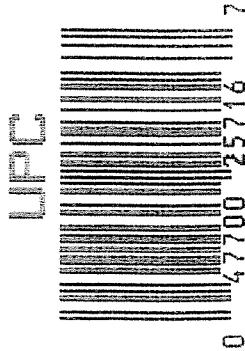
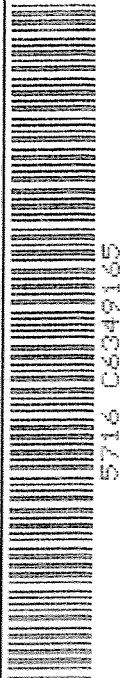
REG. U.S. PAT. & TM. OFF.

SERIAL NO.  
C6349165

ORDER NO.  
5716

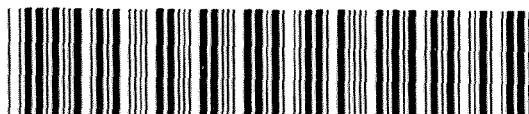
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off, Marca Registrada Marque Deposee.

01



LIPC

Model: 700



RE00015491

**BARBER - M24 0109227**

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6349165  
15 Nov 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .097  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0452  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .107014

THE AMR FOR THIS RIFLE IS: 1.118

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .21422  |
| 1 TO | 2 | .403897 |
| 1 TO | 3 | .540656 |
| 1 TO | 4 | .619225 |
| 1 TO | 5 | .378847 |

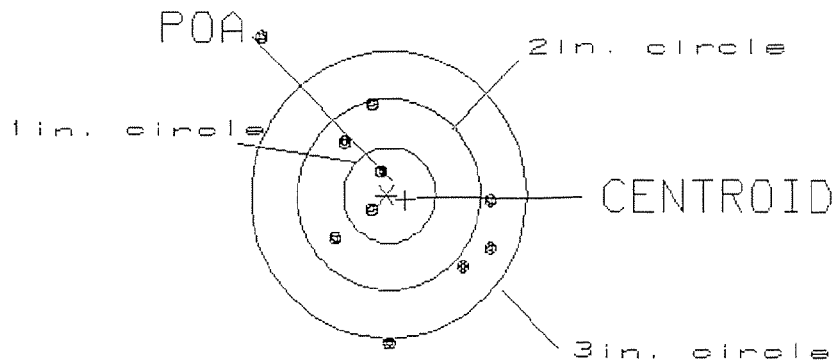
2 3  
1 + <----POA  
5 4

PATTERN #: 1  
 POA TO CENTROID: .214  
 MIN RADIUS : .255  
 MEAN RADIUS : 1.025  
 MAX RADIUS : 2.215  
 CENTROID X : -.209  
 CENTROID Y : .047

15 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6349165

CENTERFIRE PATTERN # 1



# OF SHOTS= 10

# IN CIRCLE

HS= 2.55

2

VS= 3.29

5

GS= 3.58

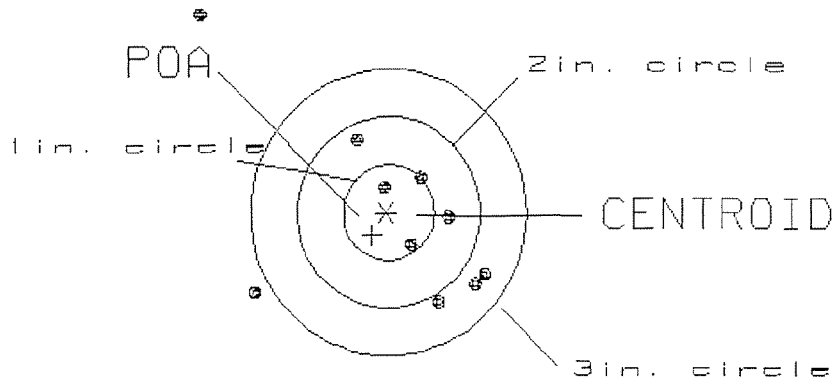
8

PATTERN #: [ 2 ]  
 POA TO CENTROID: .278  
 MIN RADIUS : .245  
 MEAN RADIUS : 1.077  
 MAX RADIUS : 2.916  
 CENTROID X : .149  
 CENTROID Y : .234

15 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6349165

# CENTERFIRE PATTERN # 2



# OF SHOTS= 10

# IN CIRCLE

HS= 3.11  
 US= 3.02  
 GS= 4.12

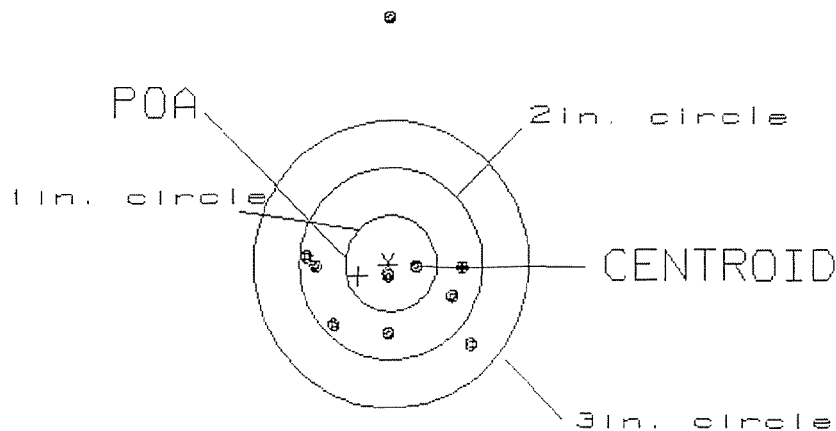
3  
 5  
 8

PATTERN #: ☐ 3 ☐  
 POA TO CENTROID: .350  
 MIN RADIUS : .135  
 MEAN RADIUS : .891  
 MAX RADIUS : 2.530  
 CENTROID X : .326  
 CENTROID Y : .125

15 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6349165

# CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 1.76  
 VS= 3.31  
 GS= 3.44

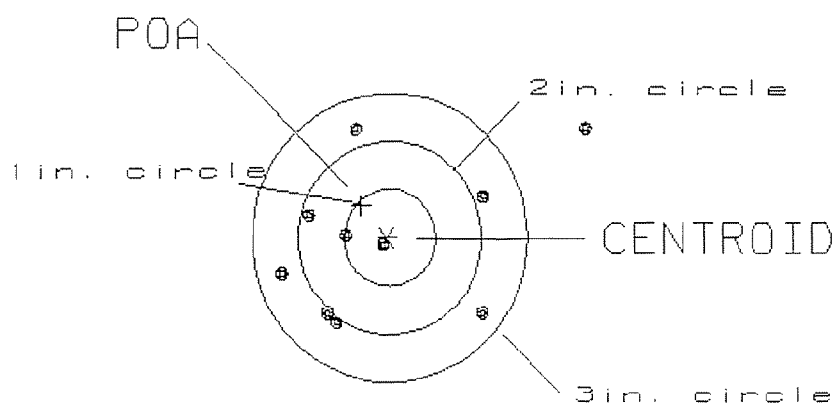
2  
 8  
 9

PATTERN #: 4  
 POA TO CENTROID: .434  
 MIN RADIUS : .118  
 MEAN RADIUS : 1.084  
 MAX RADIUS : 2.408  
 CENTROID X : .283  
 CENTROID Y : -.329

15 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6349165

## CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 3.36

2

VS= 2.06

3

GS= 3.68

9

PATTERN #: 5

FOA TO CENTROID: .309

MIN RADIUS : .601

MEAN RADIUS : 1.513

MAX RADIUS : 2.718

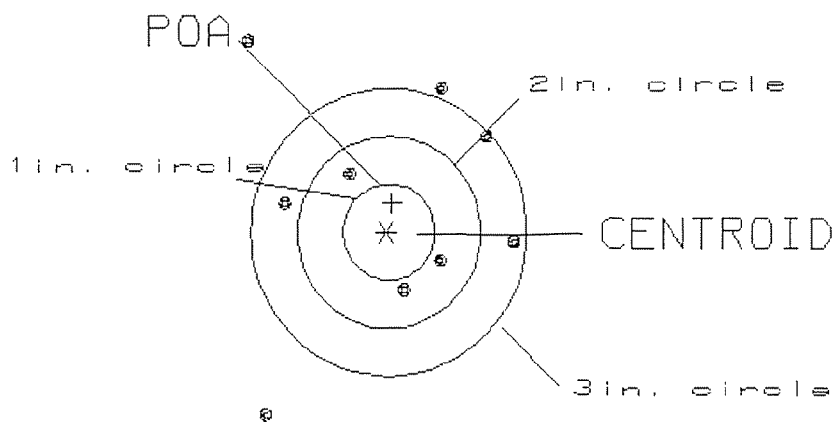
CENTROID X : -.064

CENTROID Y : -.303

15 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6349165

## CENTERFIRE PATTERN # 5



# OF SHOTS= 10

# IN CIRCLE

HS= 2.89

0

US= 4.67

3

GS= 5.19

6

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

|                                |                          |                     |         |
|--------------------------------|--------------------------|---------------------|---------|
| R & E NUMBER <u>15491</u>      |                          |                     |         |
| SERIAL NUMBER <u>C 6349165</u> |                          |                     |         |
| LOG-IN DATE <u>10-13-00</u>    |                          |                     |         |
| INSPECT AND VERIFY:            |                          |                     |         |
| OPERATION #                    | OPERATION NAME           | DATE                | INITIAL |
| 550                            | DIS-ASSEMBLE GUN         | 10-25-00            | C/K     |
| 560 A                          | RE-BARREL AT CUSTOM SHOP |                     |         |
| B                              | DRILL AND TAP            |                     |         |
| C                              | POLISH                   |                     |         |
| 575                            | ASSEMBLE                 |                     |         |
| 600                            | PROOF                    | 10-31-00            | C/K     |
| 605                            | CHECK HEADSPACE          | 10-31-00            | C/K     |
| 610                            | DIS-ASSEMBLE GUN         |                     |         |
| 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                   | 11-3-00             | C/K     |
| 655                            | FINAL INSPECT            | 11-16-00            | C/K     |
| 660                            | PACK                     |                     |         |
|                                |                          | SHIP DATE           |         |
|                                |                          | QAR INSPECTION DATE |         |

## Final Inspection

S.D. C6349165

DATE REC'D: 10-13-00

DATE RET'D:

Auditor: CK

## 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-350☒ 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: