

06587671

MODEL 700™ M24

Model **SMS**™

Action \_\_\_\_\_

Barrel Length \_\_\_\_\_

Capacity \_\_\_\_\_

Order No. **5715**

\*Includes 1 in chamber.

*Remington*

**Smead®**  
No. 2-152-5L

Amn 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: **RE00036708** Serial: C6587671 Model 700 Center Fire Caliber: 7 62 NATO SWS M24 WOG 5 of 7 Repairman: Status: Closed 12/1/01 6:32:27 AM

Verify Repair **High Priority**

**Address Information**

Customer: Received From Return To: Received From

Name: Address 1: Address 2: PO Box: City: FORT BRAGG State: NC Zip Code: Country: US

State: NC Zip Code: Country: US

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

| Date            | Code   | User ID | Desc1        |
|-----------------|--------|---------|--------------|
| 12/1/01 6:17:31 | New    | urtzdj  | Repair Added |
| 12/1/01 6:32:27 | Closed | urtzdj  |              |

Shipping Hold  
InterFace Hold  
Estimate Sent  
Parts Received  
Passed Inspection  
Return As Received  
Has been Approved  
Internal Repair

Current Status  
Closed  
12/1/01 6:32:27 AM  
urtzdj  
Check In  
Repair Location  
ILN  
Current Location  
ILN

Repair Search Refresh Close

Start Inbox CNN SWS Israel SWS Arm Serial Cale 11:20 AM

Serial Number: **C6587671**

Model: **700**



**RE00036708**

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

|                     |                    |           |         |
|---------------------|--------------------|-----------|---------|
| R & E NUMBER        | 36208              |           |         |
| SERIAL NUMBER       | C6587671           |           |         |
| LOG-IN DATE         | 12-1-01            |           |         |
| INSPECT AND VERIFY: |                    |           |         |
| OPERATION #         | OPERATION NAME     | DATE      | INITIAL |
| 550                 | DIS-ASSEMBLE GUN   | 12-4-01   | RJK     |
| 560 A               | RE-BARREL          | 12/5/01   | BWT     |
| B                   | DRILL AND TAP      | 12/5/01   | BWT     |
| 575                 | ASSEMBLE           | 12-6-01   | RJK     |
| 600                 | PROOF              | 12-6-01   | RJK     |
| 605                 | CHECK HEADSPACE    | 12-6-01   | RJK     |
| 610                 | DIS-ASSEMBLE GUN   | 12-6-01   | RJK     |
| 612                 | MAGNAFLUX          |           | AL      |
| 615                 | ROLLMARK CALIBER   | 12-6-01   | RJK     |
| 618                 | ROTO-BLAST         | 12/7      | KO      |
| 620                 | APPLY COATINGS     | 12-10     | TA      |
| 625 A               | FINAL ASSEMBLY     | 12-17-01  | RJK     |
| B                   | TRIGGER PULL TEST  |           |         |
| C                   | SAFETY "ON" FORCE  |           |         |
| D                   | SAFETY "OFF" FORCE |           |         |
| E                   | FIRING PIN INDENT  |           |         |
| 640                 | TARGET             | 12-17-01  | RJK     |
| 655                 | FINAL INSPECT      | 12-18-01  | RJK     |
| 660                 | PACK               | 12/19/01  | TA      |
|                     |                    | SHIP DATE |         |
| QAR INSPECTION DATE |                    |           |         |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

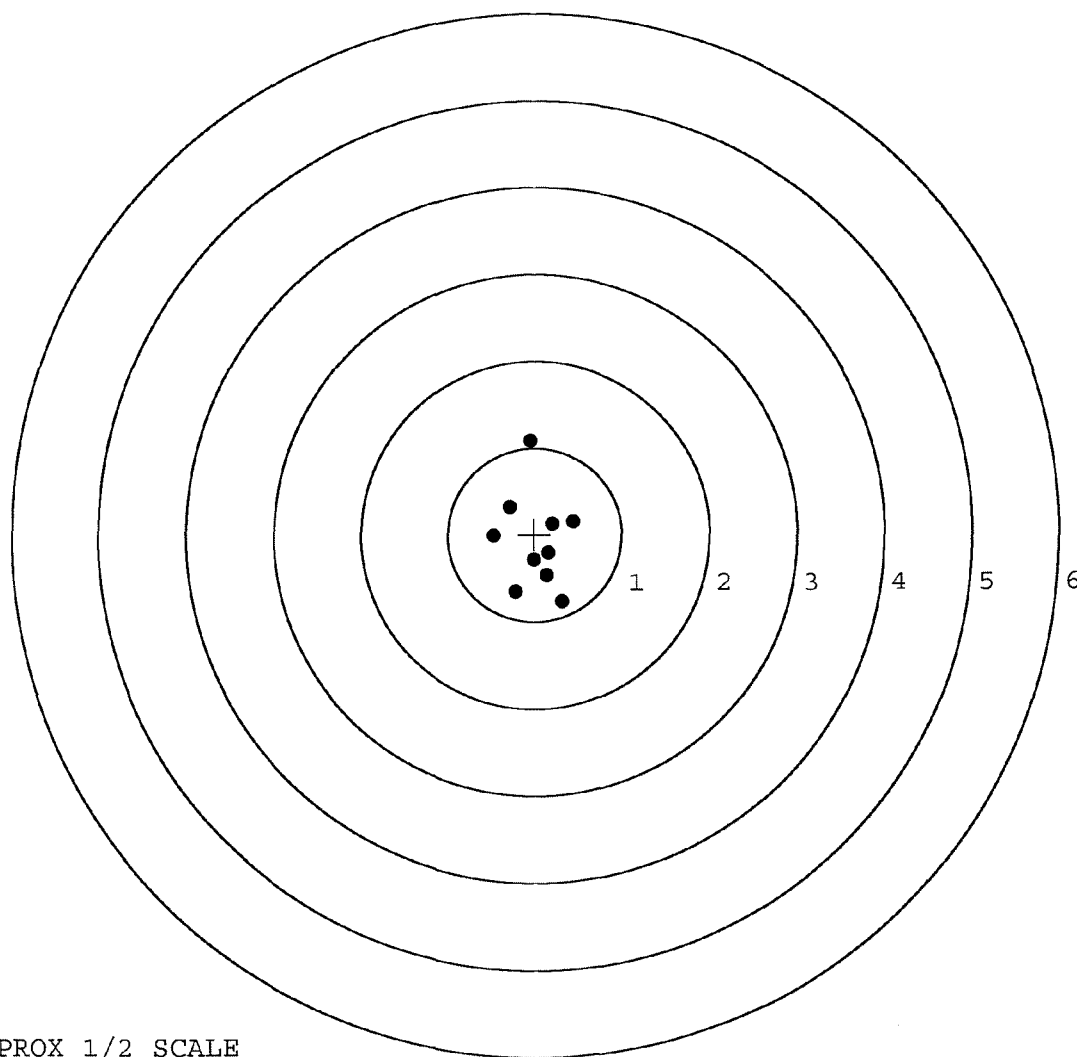
FIREARM SERIAL NUMBER / DATASET NAME: C6587671.\_\_\_0  
FILE DATE AND TIME: 12/17/2001 06:44

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.011  |
| The Average Y Centroid of the Five Target Set:              | -0.042 |
| The Average Point of Impact of the Five Target Set:         | 0.044  |
| The Average Mean Radius of the Five Target Set:             | 0.475  |
| The Distance from POA to Centroid Target #1:                | 0.081  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.174  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.203  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.128  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.131  |

**BARBER - M24 0024925**

|                              |        |        |        |
|------------------------------|--------|--------|--------|
| SERIAL NUMBER: C6587671. __0 | POINT# | X      | Y      |
| TARGET NUMBER: 1             | 1:     | 0.314  | -0.777 |
| FILE DATE: 12/17/2001        | 2:     | -0.221 | -0.662 |
| FILE TIME: 06:44             | 3:     | 0.141  | -0.479 |
|                              | 4:     | -0.011 | -0.297 |
| X CENTROID: 0.022            | 5:     | 0.164  | -0.216 |
| Y CENTROID: -0.077           | 6:     | 0.205  | 0.123  |
| POA TO CENTROID: 0.081       | 7:     | 0.441  | 0.152  |
| HORZ SPREAD: 0.909           | 8:     | -0.468 | -0.017 |
| VERT SPREAD: 1.860           | 9:     | -0.291 | 0.316  |
| GROUP SPREAD: 1.895          | 10:    | -0.051 | 1.083  |
| MIN RADIUS: 0.198            |        |        |        |
| MAX RADIUS: 1.163            |        |        |        |
| MEAN RADIUS: 0.514           |        |        |        |
| # IN 1 IN DIAMETER: 6        |        |        |        |
| # IN 2 IN DIAMETER: 9        |        |        |        |
| # in 3 IN DIAMETER: 10       |        |        |        |



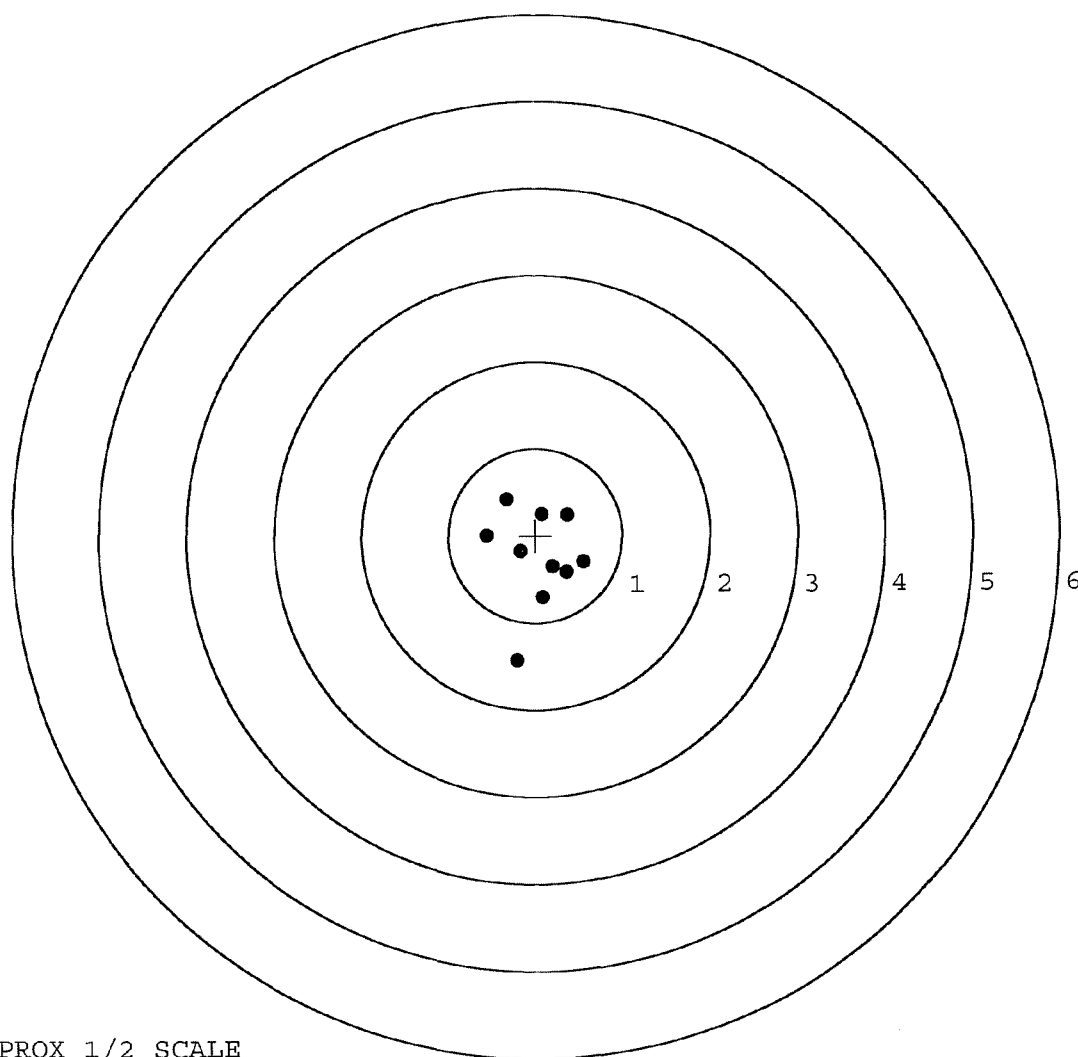
TARGET APPROX 1/2 SCALE

# BARBER - M24 0024926

SERIAL NUMBER: C6587671. \_\_0  
 TARGET NUMBER: 2  
 FILE DATE: 12/17/2001  
 FILE TIME: 06:44

X CENTROID: 0.038  
 Y CENTROID: -0.250  
 POA TO CENTROID: 0.253  
 HORZ SPREAD: 1.119  
 VERT SPREAD: 1.856  
 GROUP SPREAD: 1.859  
 MIN RADIUS: 0.197  
 MAX RADIUS: 1.215  
 MEAN RADIUS: 0.548  
 # IN 1 IN DIAMETER: 5  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 10

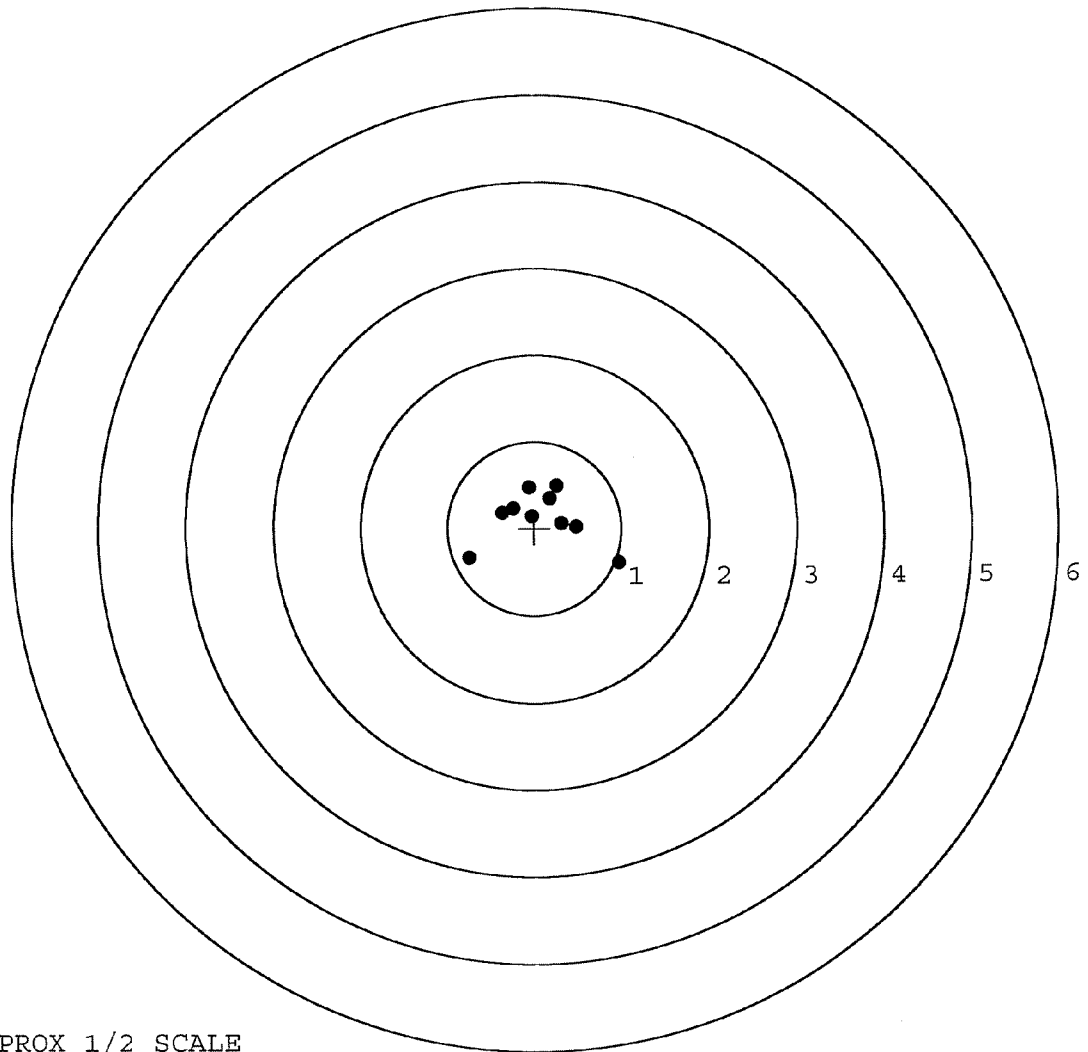
| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.219 | -1.438 |
| 2:     | 0.089  | -0.713 |
| 3:     | 0.205  | -0.356 |
| 4:     | 0.361  | -0.415 |
| 5:     | 0.556  | -0.301 |
| 6:     | -0.168 | -0.181 |
| 7:     | -0.563 | -0.003 |
| 8:     | -0.330 | 0.418  |
| 9:     | 0.079  | 0.246  |
| 10:    | 0.373  | 0.239  |



TARGET APPROX 1/2 SCALE

**BARBER - M24 0024927**

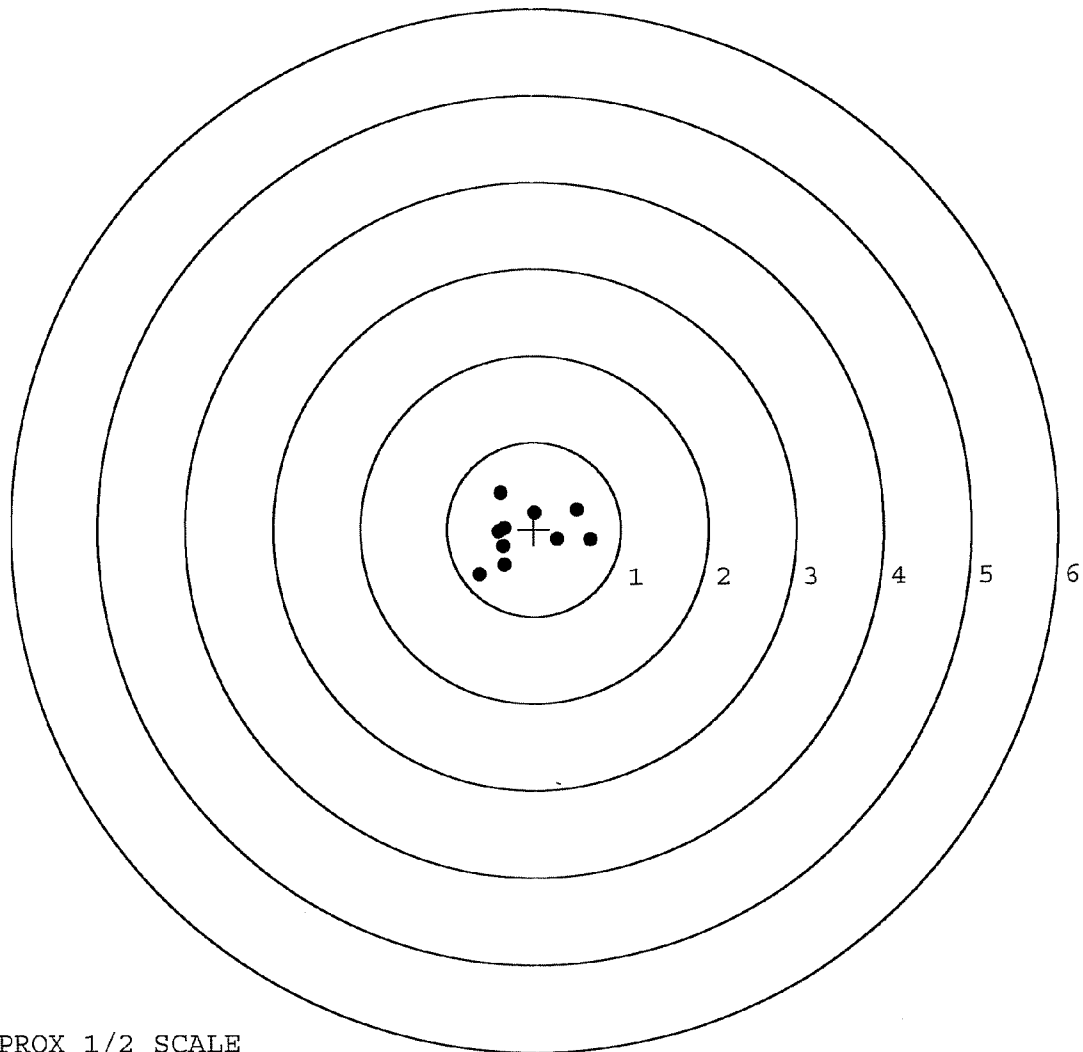
|                            |        |        |        |
|----------------------------|--------|--------|--------|
| SERIAL NUMBER: C6587671. 0 | POINT# | X      | Y      |
| TARGET NUMBER: 3           | 1:     | -0.753 | -0.346 |
| FILE DATE: 12/17/2001      | 2:     | 0.971  | -0.402 |
| FILE TIME: 06:44           | 3:     | 0.484  | 0.015  |
|                            | 4:     | 0.317  | 0.057  |
| X CENTROID: 0.077          | 5:     | 0.186  | 0.341  |
| Y CENTROID: 0.118          | 6:     | 0.265  | 0.492  |
| POA TO CENTROID: 0.141     | 7:     | -0.062 | 0.468  |
| HORZ SPREAD: 1.724         | 8:     | -0.029 | 0.139  |
| VERT SPREAD: 0.894         | 9:     | -0.241 | 0.233  |
| GROUP SPREAD: 1.725        | 10:    | -0.369 | 0.180  |
| MIN RADIUS: 0.108          |        |        |        |
| MAX RADIUS: 1.034          |        |        |        |
| MEAN RADIUS: 0.459         |        |        |        |
| # IN 1 IN DIAMETER: 8      |        |        |        |
| # IN 2 IN DIAMETER: 9      |        |        |        |
| # in 3 IN DIAMETER: 10     |        |        |        |



TARGET APPROX 1/2 SCALE

**BARBER - M24 0024928**

|                               |        |        |        |
|-------------------------------|--------|--------|--------|
| SERIAL NUMBER: C6587671.____0 | POINT# | X      | Y      |
| TARGET NUMBER: 4              | 1:     | 0.650  | -0.126 |
| FILE DATE: 12/17/2001         | 2:     | 0.268  | -0.118 |
| FILE TIME: 06:44              | 3:     | 0.498  | 0.226  |
|                               | 4:     | 0.012  | 0.192  |
| X CENTROID: -0.104            | 5:     | -0.384 | 0.416  |
| Y CENTROID: -0.055            | 6:     | -0.343 | 0.015  |
| POA TO CENTROID: 0.118        | 7:     | -0.410 | -0.029 |
| HORZ SPREAD: 1.281            | 8:     | -0.360 | -0.197 |
| VERT SPREAD: 0.936            | 9:     | -0.343 | -0.413 |
| GROUP SPREAD: 1.340           | 10:    | -0.631 | -0.520 |
| MIN RADIUS: 0.249             |        |        |        |
| MAX RADIUS: 0.758             |        |        |        |
| MEAN RADIUS: 0.460            |        |        |        |
| # IN 1 IN DIAMETER: 6         |        |        |        |
| # IN 2 IN DIAMETER: 10        |        |        |        |
| # in 3 IN DIAMETER: 10        |        |        |        |

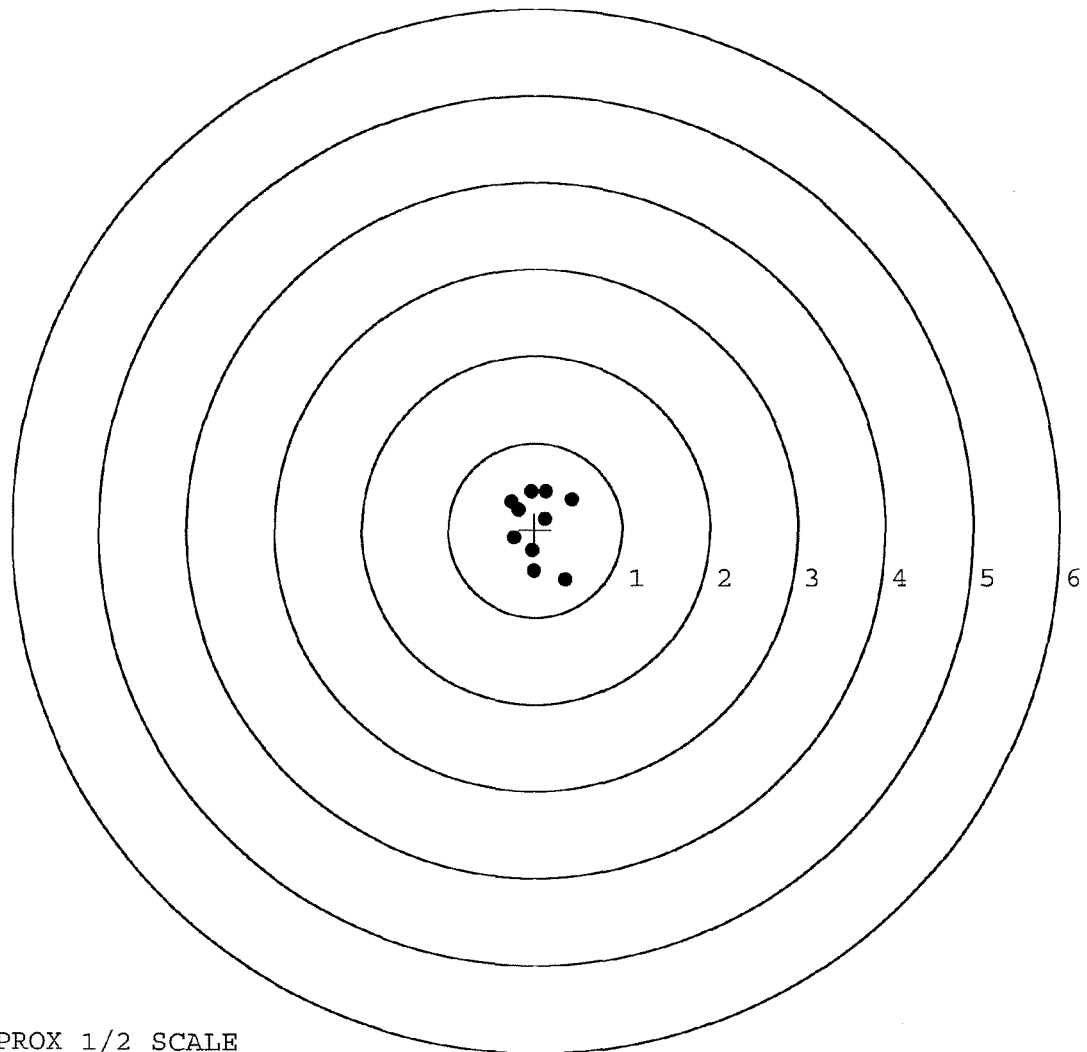


TARGET APPROX 1/2 SCALE

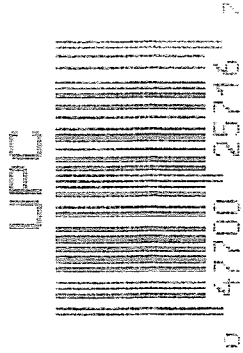


**BARBER - M24 0024929**

|                            |        |        |        |
|----------------------------|--------|--------|--------|
| SERIAL NUMBER: C6587671. 0 | POINT# | X      | Y      |
| TARGET NUMBER: 5           | 1:     | -0.017 | -0.478 |
| FILE DATE: 12/17/2001      | 2:     | 0.350  | -0.576 |
| FILE TIME: 06:44           | 3:     | -0.034 | -0.243 |
|                            | 4:     | -0.244 | -0.094 |
| X CENTROID: 0.020          | 5:     | 0.112  | 0.126  |
| Y CENTROID: 0.054          | 6:     | -0.200 | 0.231  |
| POA TO CENTROID: 0.057     | 7:     | -0.276 | 0.325  |
| HORZ SPREAD: 0.702         | 8:     | -0.047 | 0.446  |
| VERT SPREAD: 1.022         | 9:     | 0.125  | 0.446  |
| GROUP SPREAD: 1.097        | 10:    | 0.426  | 0.353  |
| MIN RADIUS: 0.117          |        |        |        |
| MAX RADIUS: 0.711          |        |        |        |
| MEAN RADIUS: 0.396         |        |        |        |
| # IN 1 IN DIAMETER: 7      |        |        |        |
| # IN 2 IN DIAMETER: 10     |        |        |        |
| # in 3 IN DIAMETER: 10     |        |        |        |



TARGET APPROX 1/2 SCALE



**Remington**<sup>®</sup>

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

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

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

**SERIAL NO.**  
C6587671

**ORDER NO.**  
5716

20



REG. U.S. PAT. & T.M. OFF.



5716 C6587671

| MOD.      |      | GA.<br>CAL.        | GUN#<br># 26587671 |
|-----------|------|--------------------|--------------------|
| #<br>TEST | DATE | MALFUNCTION/DEFECT | ASSEM.<br>#        |
|           | 1st  | Safe binds         | KS                 |
|           | 2nd  | REP'D<br>1-10-91   | K.<br>S.           |
|           | 3rd  |                    |                    |
|           | 4th  |                    |                    |
|           |      | FUNCTION           | RD 6654 Rev 1      |

| TEST INIT. ACTION TO CORRECT |          | ASSEM.<br># |
|------------------------------|----------|-------------|
| PROOF                        |          |             |
| TEST                         |          |             |
| TGT                          |          |             |
| PROOF                        |          |             |
| TEST                         |          |             |
| TGT                          |          |             |
| PROOF                        | ENGINEER |             |
| TEST                         |          |             |
| TGT                          |          |             |
| PROOF                        | ENGINEER |             |
| TEST                         |          |             |
| TGT                          |          |             |

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6587671

| OP. #        | OP. NAME                                                       | READINGS | DATE     | INIT      |
|--------------|----------------------------------------------------------------|----------|----------|-----------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   |          | 10/24/90 | KJ        |
| 600          | Proof                                                          |          | 10/24/90 | KJ        |
| 607          | Check Headspace                                                |          | 10/24/90 | KJ        |
| 610          | Dis-assemble Gun                                               |          | 10/24/90 | KJ        |
| 612          | Magnaflux Barrel<br>Action                                     |          | 10/30/90 | KR        |
|              | Magnaflux Bolt                                                 |          | " "      | KR        |
| 615          | Rollmark Caliber                                               |          | " "      | GB        |
| 617          | Drill and Tap Sight Holes                                      |          | 11/6/90  | LB        |
| 618          | Polish Barrel <i>LB</i>                                        |          | 11/7/90  | WB        |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 11-7-90  | <i>JA</i> |
|              | Apply Coating (Bolt)                                           |          |          |           |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 12/28/90 | K.S.      |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 12/28/90 | K.S.      |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 12/28/90 | K.S.      |
|              | D) Oil Firing Pin Ass'y                                        |          | 12/28/90 | K.S.      |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 1-4-91   | <i>JA</i> |

| OP. #        | OP. NAME                                                    | READINGS |      |      |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                          | 4.25     | 4.25 | 4.50 |      |      | 1/2/91  | KT   |
|              | G) Safety Off Force                                         | 3.25     | 3.25 | 3.0  |      |      | 1/4/91  | KT   |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |      |      | 1/4/91  | JH   |
|              | I) Firing Pin Indent                                        | .020     | .020 | .021 |      |      | 1/2/91  | KT   |
|              | J) Assemble Stock                                           |          |      |      |      |      | 1/4-91  | KS   |
|              | K) Assemble Swivel Studs                                    |          |      |      |      |      | 1-11-91 | JH   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |      |      |      | 1-4-91  | KS   |
|              | M) Iron Sight Alignment                                     |          |      |      |      |      | 1-4-91  | KS   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |      |      |      | 1-4-91  | KS   |
|              | O) Attach Scope to Rifle                                    |          |      |      |      |      | 1-4-91  | KS   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |      |      |      | 1-4-91  | KS   |
| 640          | Gallery Target & Test                                       |          |      |      |      |      | 1-10-91 | AC   |
|              | A) Time                                                     |          |      |      |      |      | 1-10-91 | AC   |
|              | B) Malfunctions                                             |          |      |      |      |      | 1-10-91 | AC   |
|              | C) Pierced Primers                                          |          |      |      |      |      | 1-10-91 | AC   |
|              | D) Optical Clarity of Scope                                 |          |      |      |      |      | 1-10-91 | AC   |
| 645          | Inspect for Live Ammo                                       |          |      |      |      |      | 1-10-91 | AC   |
| 655          | Final Inspection                                            |          |      |      |      |      |         |      |
|              | A) Headspace                                                |          |      |      |      |      | 1-11-91 | JH   |
|              | B) Trigger Pull                                             | 2.34     | 2.10 | 2.24 | 2.26 | 2.26 | 1-11-91 | JH   |
|              | C) Function                                                 |          |      |      |      |      | 1-11-91 | JH   |
| 660          | Pack                                                        |          |      |      |      |      | 3/15/91 | WB   |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06587671

DATE 1-4-91

TESTER JPI

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.49             | 2.48                     | 2.48                           | 2.34 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.41             | 2.46                     | 2.48                           | 2.10 |                                                                        |
| PULL #3 | 2.40             | 2.45                     | 2.48                           | 2.24 |                                                                        |
| PULL #4 | 2.39             | 2.43                     | 2.47                           | 2.26 |                                                                        |
| PULL #5 | 2.40             | 2.46                     | 2.46                           | 2.26 |                                                                        |
| TOTAL   |                  |                          |                                |      |                                                                        |
| AVG.    |                  |                          |                                |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.38             | 3.48                     |  |          |
| PULL #2 | 3.27             | 3.48                     |  |          |
| PULL #3 | 3.41             | 3.50                     |  |          |
| PULL #4 | 3.45             | 3.49                     |  |          |
| PULL #5 | 3.40             | 3.46                     |  |          |
| TOTAL   |                  |                          |  |          |
| AVG.    |                  |                          |  |          |

|         | 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 | 4.20             | 4.31                     |                                | 4.47                                 |
| PULL #2 | 4.47             | 4.39                     |                                | 4.40                                 |
| PULL #3 | 4.38             | 4.26                     |                                | 4.37                                 |
| PULL #4 | 4.33             | 4.44                     |                                | 4.40                                 |
| PULL #5 | 4.36             | 4.44                     |                                | 4.33                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6587671  
11 Jan 1991

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| Ø TO | 1 | .135163 |
| 1 TO | 2 | .143265 |
| 1 TO | 3 | .226153 |
| 1 TO | 4 | .185801 |
| 1 TO | 5 | .219659 |

&lt;----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0128  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0058  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0140528  
THE AMR FOR THIS RIFLE IS: .9528



10 Jan 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6587871

## CENTERFIRE PATTERNS

# 1

POA

1in circle

2in circle

3in circle

CENTROID \*

# OF SHOTS- 10

# IN CIR

1in = 2

2in = 6

3in = 10

HS= 1.838

VS= 2.244

GS= 2.466

| PATTERN #                     | 1      | 9      | 8      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | .752   | .834   | .709   |
| MINIMUM X                     | -1.086 | -1.004 | -.810  |
| MAXIMUM Y                     | 1.011  | .874   | .825   |
| MINIMUM Y                     | -1.233 | -1.136 | -1.185 |
| CENTROID X                    | .130   | .048   | .174   |
| CENTROID Y                    | -.037  | .100   | .149   |
| POA TO CENTROID in.           | .136   | .111   | .229   |
| MIN RADIUS                    | .216   | .283   | .181   |
| MEAN RADIUS                   | .843   | .775   | .718   |
| MAX RADIUS                    | 1.439  | 1.143  | 1.185  |
| HORIZONTAL SPREAD             | 1.838  | 1.838  | 1.519  |
| VERTICAL SPREAD               | 2.244  | 2.010  | 2.010  |
| EXTREME SPREAD                | 2.466  | 2.014  | 2.014  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 6      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 10     |        |        |

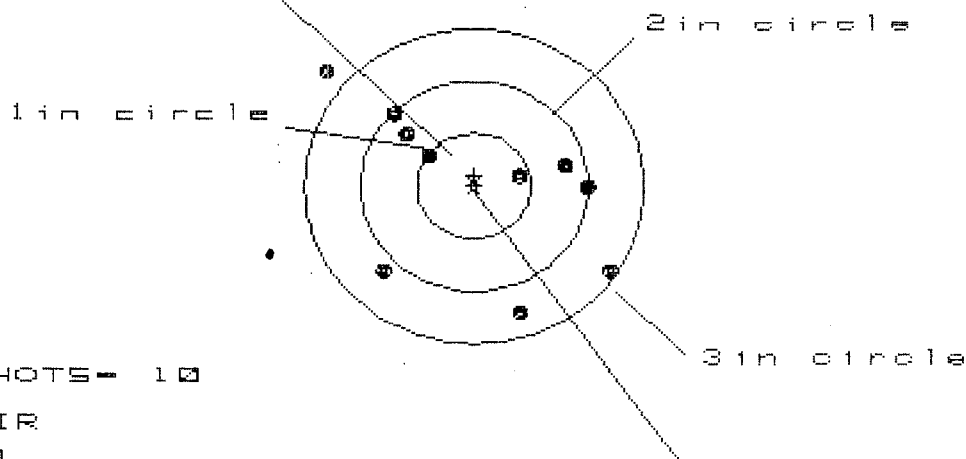
18 Jan 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6587671

## CENTERFIRE PATTERNS

# 2

POA



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.506

VS= 2.231

GS= 3.151

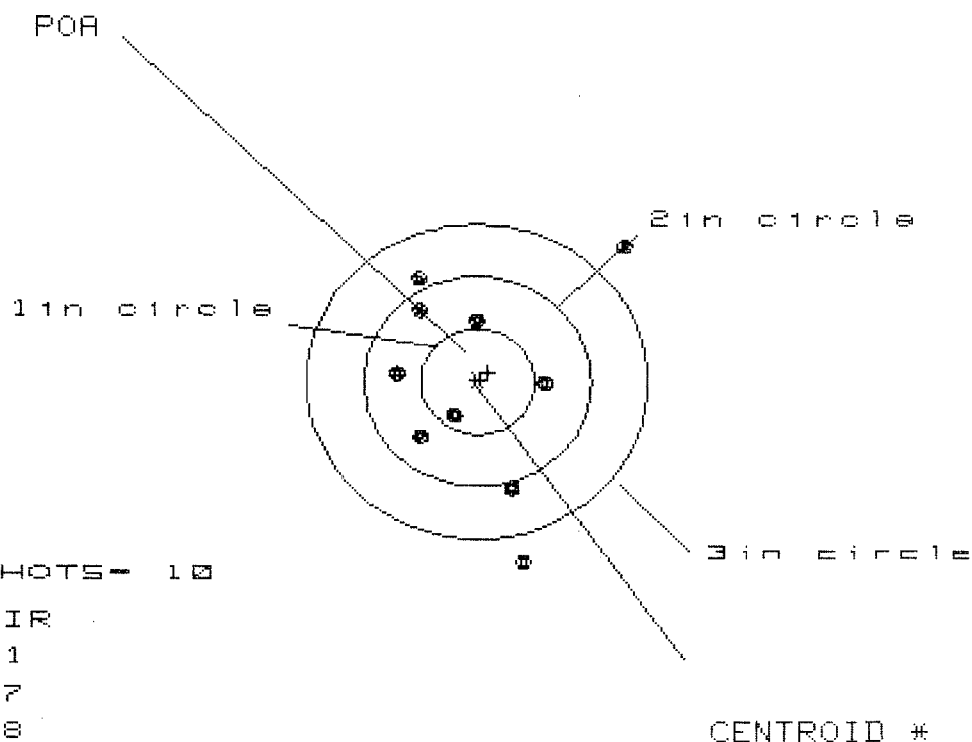
CENTROID \*

| PATTERN #                   | : | 2      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.199  | 1.054  | 1.016  |
| MINIMUM X                   | : | -1.307 | -.974  | -.842  |
| MAXIMUM Y                   | : | 1.062  | .817   | .726   |
| MINIMUM Y                   | : | -1.169 | -1.051 | -1.142 |
| CENTROID X                  | : | -.001  | .144   | .013   |
| CENTROID Y                  | : | -.095  | -.213  | -.122  |
| POA TO CENTROID in.         | : | .095   | .257   | .123   |
| MIN RADIUS                  | : | .397   | .312   | .390   |
| MEAN RADIUS                 | : | 1.015  | .932   | .877   |
| MAX RADIUS                  | : | 1.684  | 1.282  | 1.220  |
| HORIZONTAL SPREAD           | : | 2.506  | 2.028  | 1.858  |
| VERTICAL SPREAD             | : | 2.231  | 1.868  | 1.868  |
| EXTREME SPREAD              | : | 3.151  | 2.456  | 2.195  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

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## CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1 in = 1

2 in = 7

3 in = 8

HS= 1.981

VS= 2.922

GS= 3.045

| PATTERN #                     | 3      | 3      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.256  | .722   | .789   |
| MINIMUM X                     | -.725  | -.585  | -.518  |
| MAXIMUM Y                     | 1.239  | 1.074  | .881   |
| MINIMUM Y                     | -1.683 | -1.545 | -1.022 |
| CENTROID X                    | -.091  | -.231  | -.298  |
| CENTROID Y                    | -.085  | -.223  | -.030  |
| POA TO CENTROID in.           | .125   | .321   | .299   |
| MIN RADIUS                    | .406   | .219   | .398   |
| MEAN RADIUS                   | .942   | .825   | .707   |
| MAX RADIUS                    | 1.765  | 1.636  | 1.117  |
| HORIZONTAL SPREAD             | 1.981  | 1.307  | 1.307  |
| VERTICAL SPREAD               | 2.922  | 2.619  | 1.903  |
| EXTREME SPREAD                | 3.045  | 2.779  | 2.056  |
| NUMBER IN ONE INCH CIRCLE =   |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 7      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 8      |        |

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## CENTERFIRE PATTERNS

# 4

POA

1 in circle

2 in circle

3 in circle

CENTROID \*

# OF SHOTS - 10

# IN CIR

1 in = 1

2 in = 6

3 in = 8

HS = 2.689

VS = 2.726

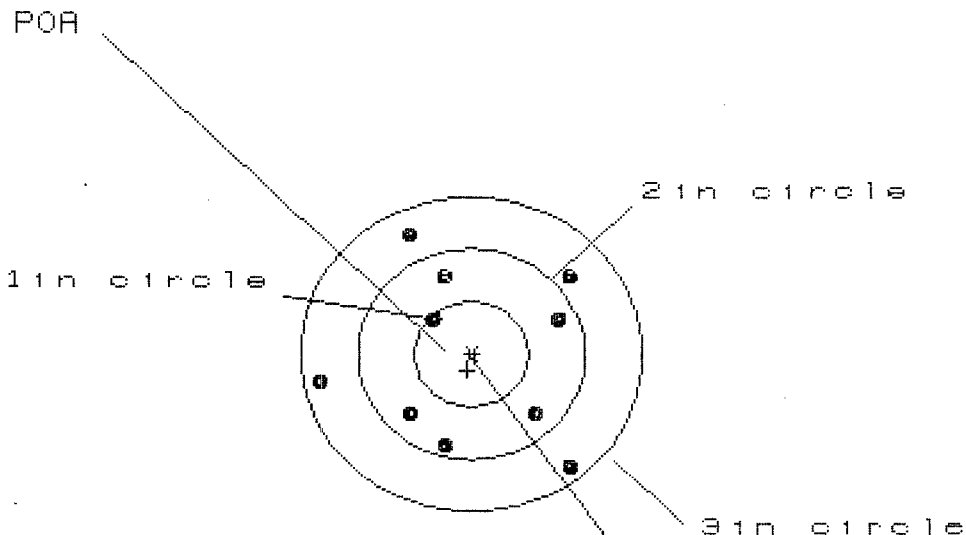
GS = 3.171

| PATTERN #                   | : | 4      |        |       |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.098  | 1.191  | 1.004 |
| MINIMUM X                   | : | -1.591 | -1.498 | -.877 |
| MAXIMUM Y                   | : | .980   | .786   | .782  |
| MINIMUM Y                   | : | -1.746 | -.800  | -.804 |
| CENTROID X                  | : | -.011  | -.104  | .083  |
| CENTROID Y                  | : | .084   | .278   | .282  |
| POA TO CENTROID in.         | : | .084   | .297   | .294  |
| MIN RADIUS                  | : | .235   | .159   | .042  |
| MEAN RADIUS                 | : | .997   | .867   | .750  |
| MAX RADIUS                  | : | 1.936  | 1.498  | 1.175 |
| HORIZONTAL SPREAD           | : | 2.689  | 2.689  | 1.881 |
| VERTICAL SPREAD             | : | 2.726  | 1.586  | 1.586 |
| EXTREME SPREAD              | : | 3.171  | 2.692  | 2.110 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |       |

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## CENTERFIRE PATTERNS # 5



# OF SHOTS - 10

# IN CIR

1 in - 1

2 in - 6

3 in - 10

HS - 2.189

VS - 2.239

GS - 2.641

CENTROID #

| PATTERN #                     | 5      | 9      | 8      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | .891   | .985   | .835   |
| MINIMUM X                     | -1.298 | -1.204 | -.613  |
| MAXIMUM Y                     | 1.128  | 1.004  | .962   |
| MINIMUM Y                     | -1.111 | -1.023 | -1.065 |
| CENTROID X                    | .037   | -.057  | .093   |
| CENTROID Y                    | .162   | .286   | .328   |
| POA TO CENTROID in.           | .166   | .291   | .341   |
| MIN RADIUS                    | .462   | .307   | .400   |
| MEAN RADIUS                   | .967   | .901   | .852   |
| MAX RADIUS                    | 1.395  | 1.250  | 1.141  |
| HORIZONTAL SPREAD             | 2.189  | 2.189  | 1.448  |
| VERTICAL SPREAD               | 2.239  | 2.027  | 2.027  |
| EXTREME SPREAD                | 2.641  | 2.405  | 2.048  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 6      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 10     |        |        |