

C6225396

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.

**Remington**

*Still  
Sweet®*

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: **RE00092683** Serial: C6225396 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 2/3/2005 7:42:22 AM

Verify Repair

**Address Information**

Customer: ☒ Received From Return To: ☐ Received From

Name: DEF DIST DEPOT ANNISTON DEF DIST DEPOT ANNISTON

Address 1: Address 2: PO Box: PO Box:

City: ANNISTON ANNISTON

State: AL Zip Code: 362014199 Country: US State: AL Zip Code: 362014199 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Good 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

maglet 2/8/2005 9:44 AM CAPS NUM INS SCPL

start 3 4

Serial Number: **C6225396**

Model: **M24 SWS**



**RE00092683**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225396.\_\_\_0

FILE DATE AND TIME: 03/14/2005 09:32

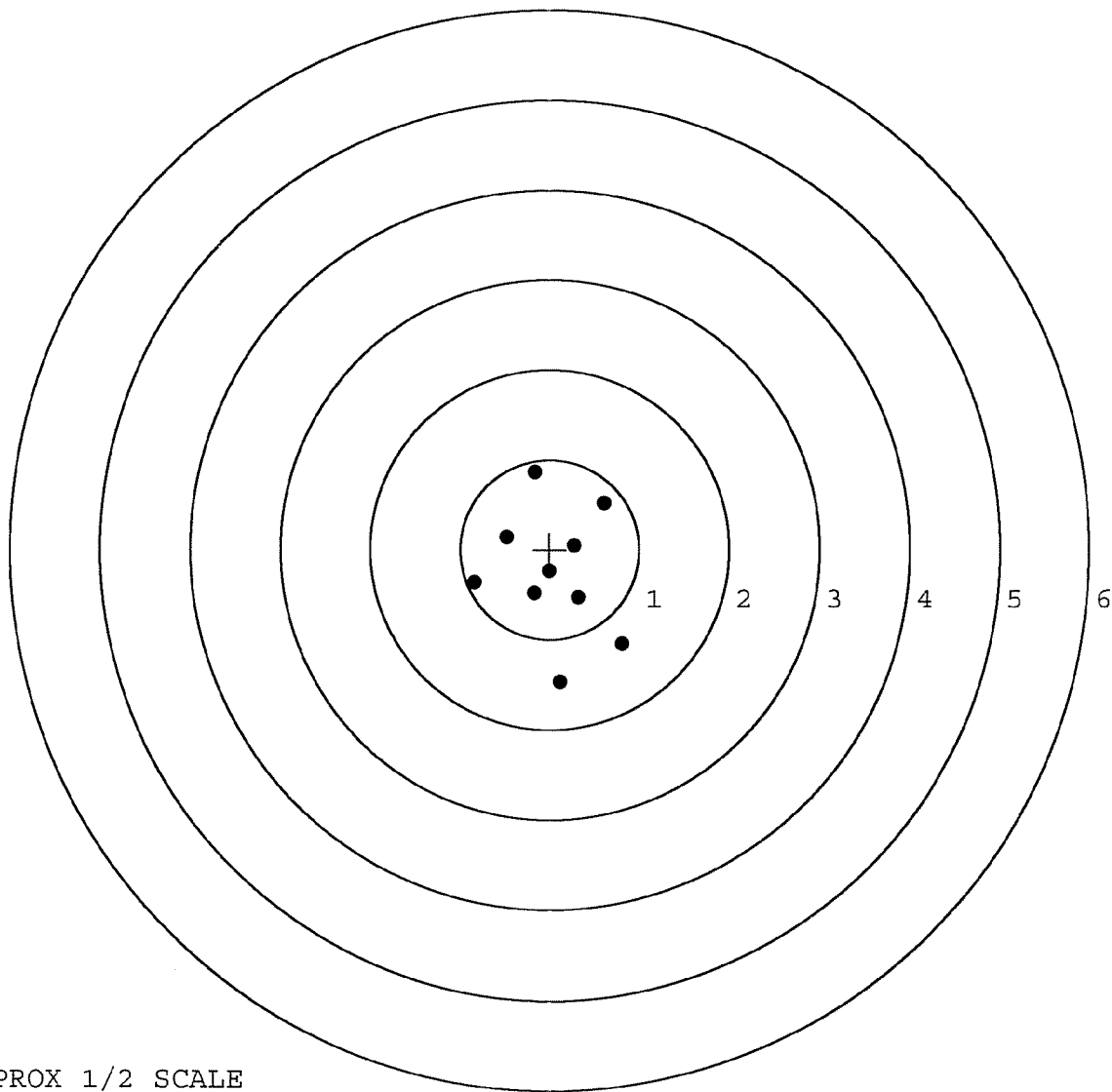
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.014 |
| The Average Y Centroid of the Five Target Set:              | -0.251 |
| The Average Point of Impact of the Five Target Set:         | 0.251  |
| The Average Mean Radius of the Five Target Set:             | 0.771  |
| The Distance from POA to Centroid Target #1:                | 0.265  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.187  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.051  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.100  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.167  |

SERIAL NUMBER: C6225396.\_\_\_0  
TARGET NUMBER: 1  
FILE DATE: 03/14/2005  
FILE TIME: 09:32

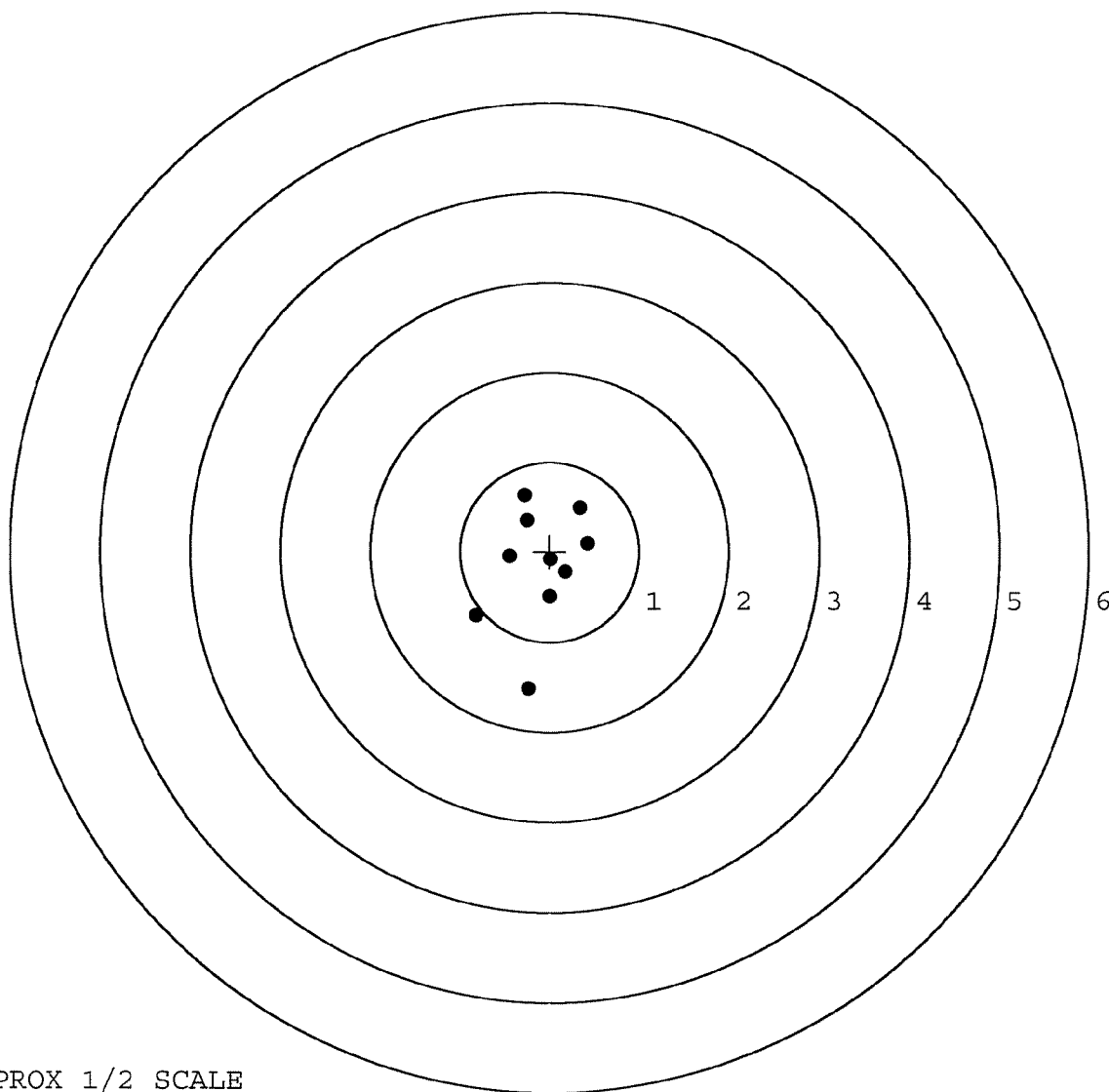
| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.809  | -1.056 |
| 2:     | 0.114  | -1.474 |
| 3:     | 0.324  | -0.536 |
| 4:     | -0.174 | -0.492 |
| 5:     | -0.013 | -0.243 |
| 6:     | 0.280  | 0.045  |
| 7:     | 0.608  | 0.519  |
| 8:     | -0.168 | 0.862  |
| 9:     | -0.483 | 0.136  |
| 10:    | -0.841 | -0.372 |

X CENTROID: 0.046  
Y CENTROID: -0.261  
POA TO CENTROID: 0.265  
HORZ SPREAD: 1.650  
VERT SPREAD: 2.336  
GROUP SPREAD: 2.353  
MIN RADIUS: 0.061  
MAX RADIUS: 1.215  
MEAN RADIUS: 0.713  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

|                              |        |        |        |
|------------------------------|--------|--------|--------|
| SERIAL NUMBER: C6225396. __0 | POINT# | X      | Y      |
| TARGET NUMBER: 2             | 1:     | -0.245 | -1.525 |
| FILE DATE: 03/14/2005        | 2:     | -0.823 | -0.708 |
| FILE TIME: 09:32             | 3:     | 0.001  | -0.505 |
|                              | 4:     | -0.450 | -0.056 |
| X CENTROID: -0.109           | 5:     | -0.255 | 0.347  |
| Y CENTROID: -0.156           | 6:     | -0.285 | 0.630  |
| POA TO CENTROID: 0.190       | 7:     | 0.346  | 0.487  |
| HORZ SPREAD: 1.252           | 8:     | 0.429  | 0.088  |
| VERT SPREAD: 2.155           | 9:     | 0.013  | -0.090 |
| GROUP SPREAD: 2.155          | 10:    | 0.180  | -0.229 |
| MIN RADIUS: 0.139            |        |        |        |
| MAX RADIUS: 1.376            |        |        |        |
| MEAN RADIUS: 0.614           |        |        |        |
| # IN 1 IN DIAMETER: 4        |        |        |        |
| # IN 2 IN DIAMETER: 9        |        |        |        |
| # in 3 IN DIAMETER: 10       |        |        |        |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225396.\_\_\_0

TARGET NUMBER: 3

FILE DATE: 03/14/2005

FILE TIME: 09:32

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.548  | -1.986 |
| 2:     | 0.448  | -0.514 |
| 3:     | 0.177  | -0.177 |
| 4:     | -0.193 | -0.335 |
| 5:     | -0.712 | -0.080 |
| 6:     | -0.845 | -0.359 |
| 7:     | 0.028  | 0.070  |
| 8:     | 0.108  | 0.268  |
| 9:     | 0.077  | 0.393  |
| 10:    | 0.371  | 0.347  |

X CENTROID: 0.001

Y CENTROID: -0.237

POA TO CENTROID: 0.237

HORZ SPREAD: 1.393

VERT SPREAD: 2.379

GROUP SPREAD: 2.425

MIN RADIUS: 0.186

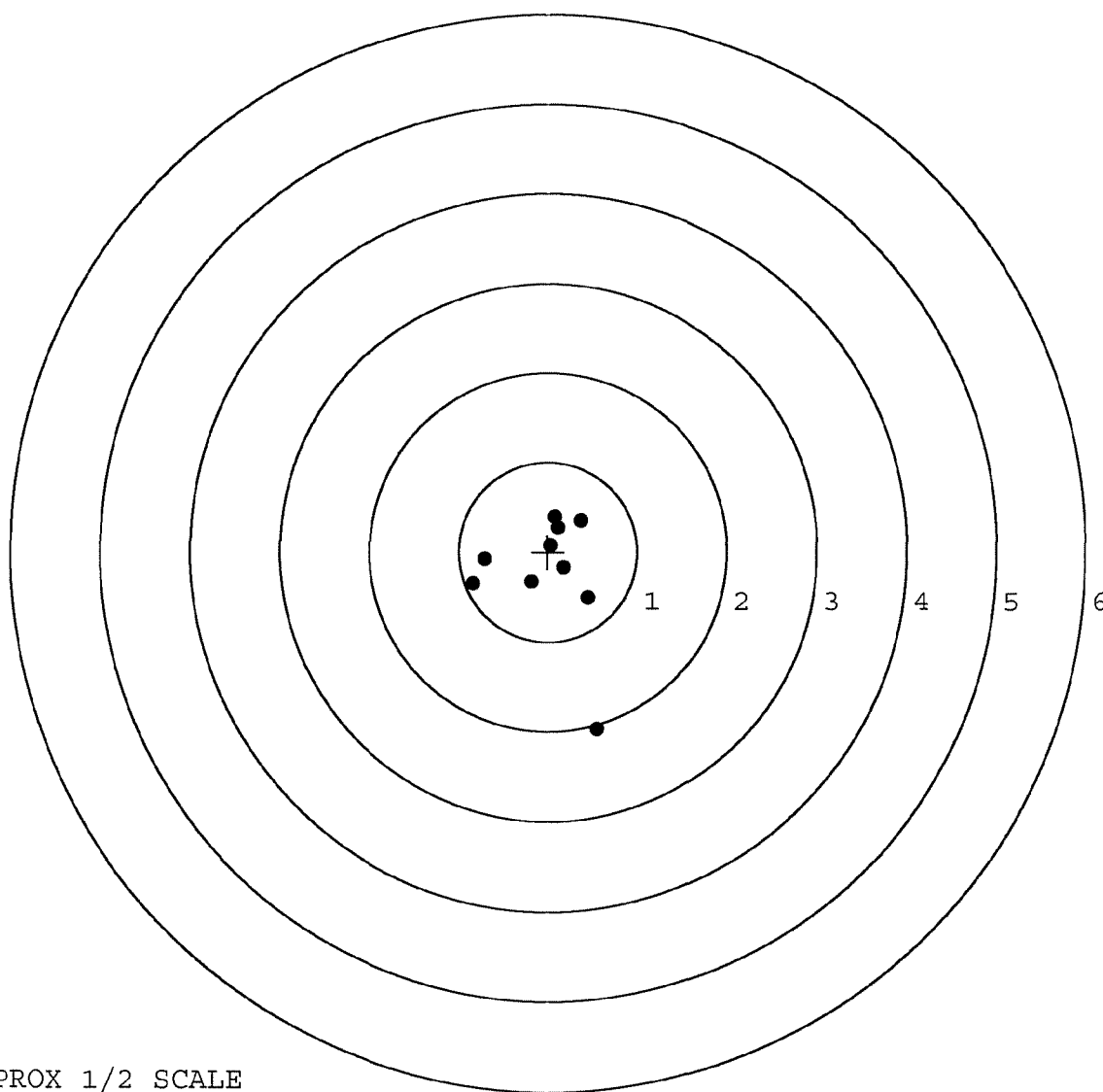
MAX RADIUS: 1.832

MEAN RADIUS: 0.650

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 9

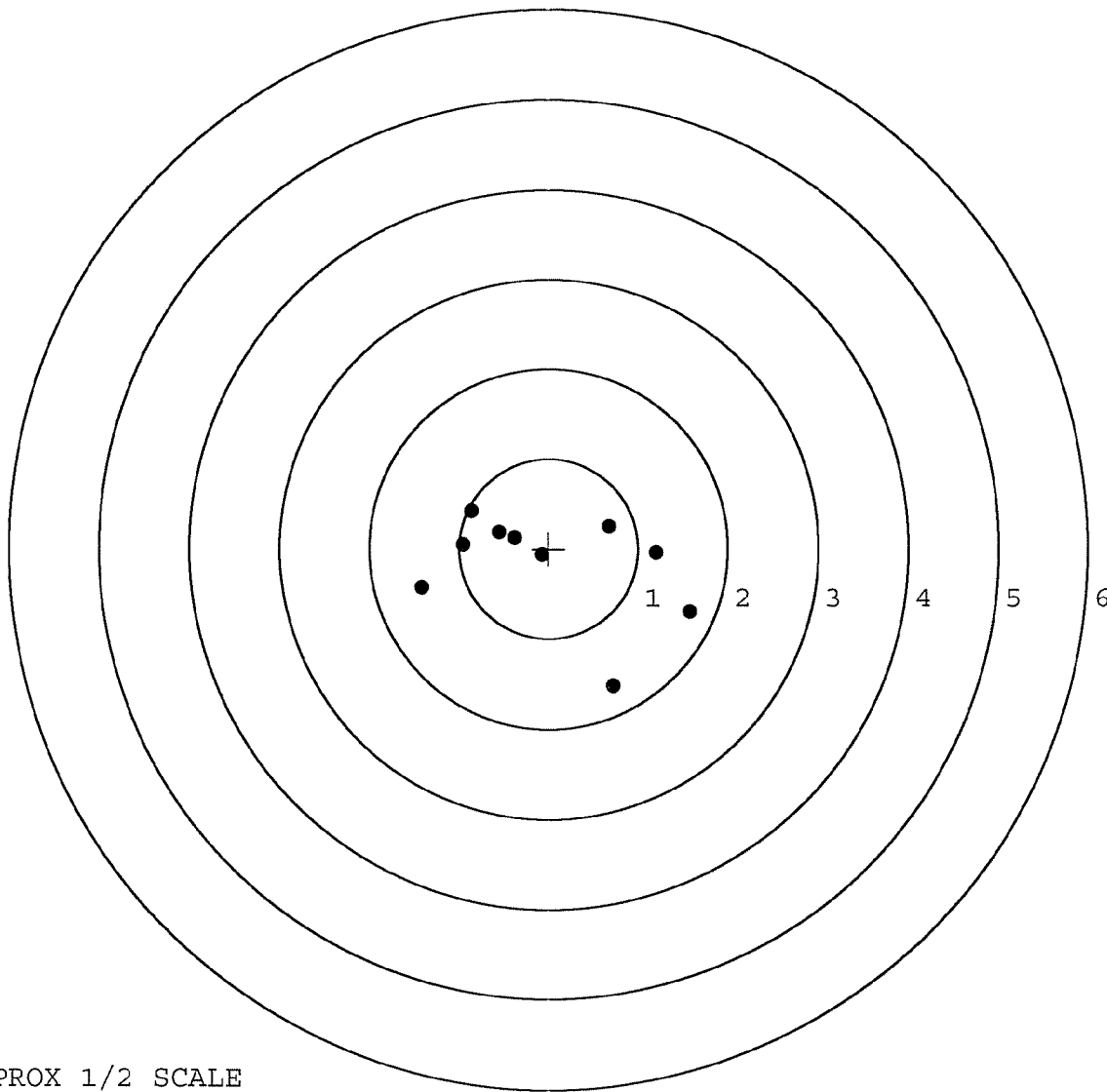


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225396. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 03/14/2005  
FILE TIME: 09:32

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.574  | -0.713 |
| 2:     | 0.722  | -1.531 |
| 3:     | 1.201  | -0.052 |
| 4:     | 0.679  | 0.253  |
| 5:     | -1.417 | -0.438 |
| 6:     | -0.955 | 0.049  |
| 7:     | -0.863 | 0.425  |
| 8:     | -0.556 | 0.190  |
| 9:     | -0.382 | 0.124  |
| 10:    | -0.074 | -0.071 |

X CENTROID: -0.007  
Y CENTROID: -0.176  
POA TO CENTROID: 0.177  
HORZ SPREAD: 2.991  
VERT SPREAD: 1.956  
GROUP SPREAD: 3.004  
MIN RADIUS: 0.125  
MAX RADIUS: 1.670  
MEAN RADIUS: 0.995  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 5  
# in 3 IN DIAMETER: 8

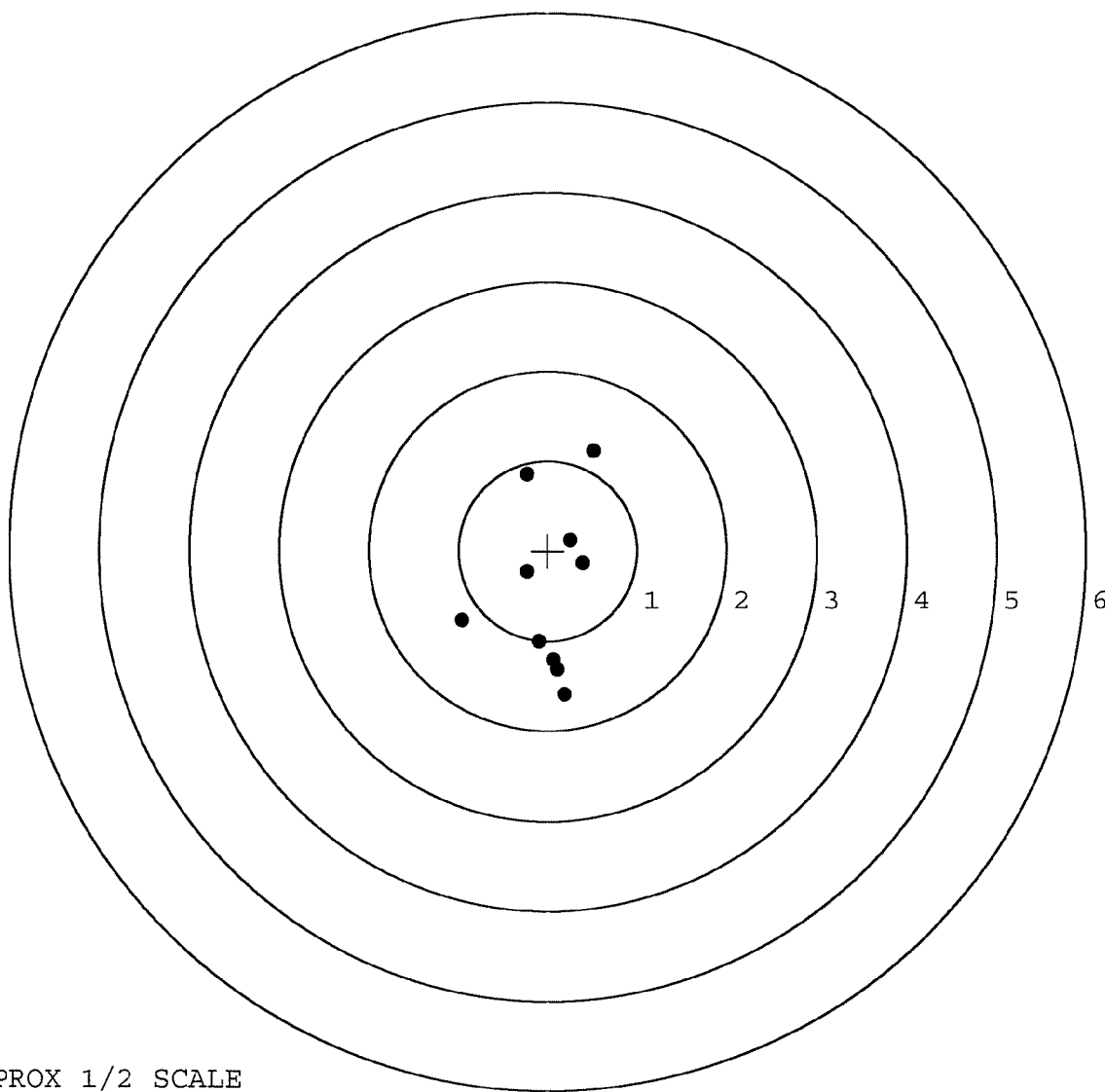


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225396.\_\_\_0  
TARGET NUMBER: 5  
FILE DATE: 03/14/2005  
FILE TIME: 09:32

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.193  | -1.600 |
| 2:     | 0.062  | -1.215 |
| 3:     | -0.101 | -1.011 |
| 4:     | -0.961 | -0.777 |
| 5:     | -0.236 | -0.235 |
| 6:     | 0.396  | -0.140 |
| 7:     | 0.256  | 0.115  |
| 8:     | -0.234 | 0.852  |
| 9:     | 0.517  | 1.109  |
| 10:    | 0.107  | -1.320 |

X CENTROID: 0.000  
Y CENTROID: -0.422  
POA TO CENTROID: 0.422  
HORZ SPREAD: 1.478  
VERT SPREAD: 2.709  
GROUP SPREAD: 2.728  
MIN RADIUS: 0.301  
MAX RADIUS: 1.616  
MEAN RADIUS: 0.881  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 6  
# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE



**M-24 INSPECTION CHECKLIST**  
**CONTRACT #: DAAE-20-02-D-0127**

|                     |                    |           |                               |
|---------------------|--------------------|-----------|-------------------------------|
| R & E NUMBER        | 92683              |           |                               |
| SERIAL NUMBER       | C6225396           |           |                               |
| LOG-IN DATE         | 2-8-05             |           |                               |
| INSPECT AND VERIFY: |                    |           |                               |
| OPERATION #         | OPERATION NAME     | DATE      | INITIAL                       |
| 550                 | DIS-ASSEMBLE GUN   | 2-14-05   | RTZ                           |
| 560 A               | RE-BARREL          | 2-16-05   | RTZ                           |
| B                   | DRILL AND TAP      | 2-17-05   | TKW                           |
| 575                 | ASSEMBLE           | 2-16-05   | RTZ                           |
| 600                 | PROOF              | 2-17-05   | MAGNA-FLUX<br>INSPECTED<br>AC |
| 605                 | CHECK HEADSPACE    | 2-17-05   | AC                            |
| 610                 | DIS-ASSEMBLE GUN   | 2-17-05   | RTZ                           |
| 612                 | MAGNAFLUX          |           | OPERATOR                      |
| 615                 | ROLLMARK CALIBER   | 2-18-05   | CW                            |
| 618                 | ROTO-BLAST         | 2-18-05   | LB                            |
| 620                 | APPLY COATINGS     | 3-1-05    | HP                            |
| 625 A               | FINAL ASSEMBLY     | 3-9-05    | RTZ                           |
| B                   | TRIGGER PULL TEST  |           |                               |
| C                   | SAFETY "ON" FORCE  | 3-14-05   | AC                            |
| D                   | SAFETY "OFF" FORCE | 3-14-05   | AC                            |
| E                   | FIRING PIN INDENT  | 3-14-05   | AC                            |
| 640                 | TARGET             | 3-14-05   | AC                            |
| 655                 | FINAL INSPECT      | 3-14-05   | AC                            |
| 660                 | PACK               | 3-15-05   | DA                            |
|                     |                    | SHIP DATE |                               |
| QAR INSPECTION DATE |                    |           |                               |

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

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

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

**SERIAL NO.**  
C6225396

**ORDER NO.**  
5716

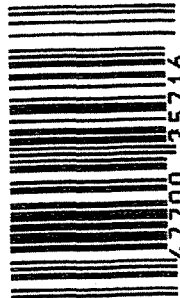
**Ø1**

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



5716 C6225396

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225396

| OP. #        | OP. NAME                                                       | READINGS | DATE    | INIT |
|--------------|----------------------------------------------------------------|----------|---------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 4 12     | 89      | RW   |
| 600          | Proof                                                          | 4 12     | 89      | RW   |
| 607          | Check Headspace                                                | 4 12     | 89      | RW   |
| 610          | Dis-assemble Gun                                               | 4 12     | 89      | RW   |
| 612          | Magnaflux Barrel<br>Action                                     |          | 4/13/89 | KCR  |
|              | Magnaflux Bolt                                                 |          | 4/14/89 | KCR  |
| 615          | Rollmark Caliber                                               |          | 4/15/89 | GS   |
| 617          | Drill and Tap Sight Holes                                      | 4 14     | 89      | LB   |
| 618          | Polish Barrel RB                                               | 4 14     | 89      | BT   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 4-20-89 | TJA  |
|              | Apply Coating (Bolt)                                           |          |         |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 5-1/89  | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 5/1/89  | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 5/1/89  | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 5/1/89  | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 5/5/89  | WB   |

| op. #        | OP. NAME                                                    | READINGS |      |      |      |      | DATE       | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|------|------|------------|------|
| 625<br>cont. | F) Safety On Force                                          | 4        | 4    | 4    |      |      | 5/8/89     | 94   |
|              | G) Safety Off Force                                         | 3        | 3    | 3    |      |      | 5/8/89     | 94   |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |      |      | 5/5/89     | WCB  |
|              | I) Firing Pin Indent                                        | .021.5   | .022 | .022 |      |      | 5/8/89     | 94   |
|              | J) Assemble Stock                                           |          |      |      |      |      | 5/9/89     | RW   |
|              | K) Assemble Swivel Studs                                    |          |      |      |      |      | 15 May 89  | 92   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |      |      |      | 5/9/89     | RW   |
|              | M) Iron Sight Alignment                                     |          |      |      |      |      | 5/9/89     | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |      |      |      | 5/9/89     | RW   |
|              | O) Attach Scope to Rifle                                    |          |      |      |      |      | 5/9/89     | 94   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |      |      |      | 5/9/89     | 94   |
| 640          | Gallery Target & Test                                       | 61 R     | 28L  |      |      |      | 5/9/89     | A    |
|              | A) Time                                                     |          |      |      |      |      | 5/9/89     | A    |
|              | B) Malfunctions                                             |          |      |      |      |      | 5/9/89     | A    |
|              | C) Pierced Primers                                          |          |      |      |      |      | 5/9/89     | A    |
|              | D) Optical Clarity of Scope                                 |          |      |      |      |      | 5/9/89     | A    |
| 645          | Inspect for Live Ammo                                       |          |      |      |      |      | 5/9/89     | A    |
| 655          | Final Inspection                                            |          |      |      |      |      |            |      |
|              | A) Headspace                                                |          |      |      |      |      | 15 May 89  | 92   |
|              | B) Trigger Pull                                             | 2.78     | 2.82 | 2.79 | 2.79 | 2.81 | 15 May 89  | 92   |
|              | C) Function                                                 |          |      |      |      |      | 15 May 89  | 92   |
| 660          | Pack                                                        |          |      |      |      |      | 21 June 89 | 92   |

## SWS TRIGGER PULL TEST

5396

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

SERIAL NO. C6348930  
DATE 16 Oct 89  
TESTER J28

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-------|------------------------------------------------------------------------|
| PULL #1 | 2.55             | 2.69                     | 2.21                           | 2.48  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.48             | 2.82                     | 2.23                           | 2.48  |                                                                        |
| PULL #3 | 2.49             | 2.63                     | 2.15                           | 2.69  |                                                                        |
| PULL #4 | 2.42             | 2.70                     | 2.34                           | 2.71  |                                                                        |
| PULL #5 | 2.28             | 2.79                     | 2.47                           | 2.59  |                                                                        |
| TOTAL   | 12.22            | 13.58                    | 11.40                          | 12.95 |                                                                        |
| AVG.    | 2.444            | 2.716                    | 2.38                           | 2.59  |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.27             | 2.87                     |  |          |
| PULL #2 | 3.42             | 3.05                     |  |          |
| PULL #3 | 3.27             | 2.96                     |  |          |
| PULL #4 | 3.26             | 3.04                     |  |          |
| PULL #5 | 3.34             | 3.19                     |  |          |
| TOTAL   | 16.56            | 15.11                    |  |          |
| AVG.    | 3.312            | 3.022                    |  |          |

|         | 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 | 4.04             | 4.03                     |                                | 4.48                                 |
| PULL #2 | 4.11             | 4.22                     |                                | 4.46                                 |
| PULL #3 | 4.05             | 3.96                     |                                | 4.42                                 |
| PULL #4 | 3.97             | 4.04                     |                                | 4.53                                 |
| PULL #5 | 4.05             | 4.15                     |                                | 4.61                                 |
| TOTAL   | 20.22            | 20.40                    |                                | 22.50                                |
| AVG.    | 4.044            | 4.08                     |                                | 4.50                                 |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6225396  
10 May 1989

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .531016 |
| 1 TO | 2 | .288882 |
| 1 TO | 3 | .309613 |
| 1 TO | 4 | .644912 |
| 1 TO | 5 | .105081 |

125 <----POB  
421

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2718  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2844  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .34008  
THE AMR FOR THIS RIFLE IS: 1.029

18 May 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/06225396

# CENTERFIRE PATTERNS

# 1

FOR

1 in circle

2 in circle

3 in circle

CENTROID \*

# OF SHOTS= 10

# IN CIR

1 in = 3

2 in = 7

3 in = 9

HS= 2.714

VS= 2.413

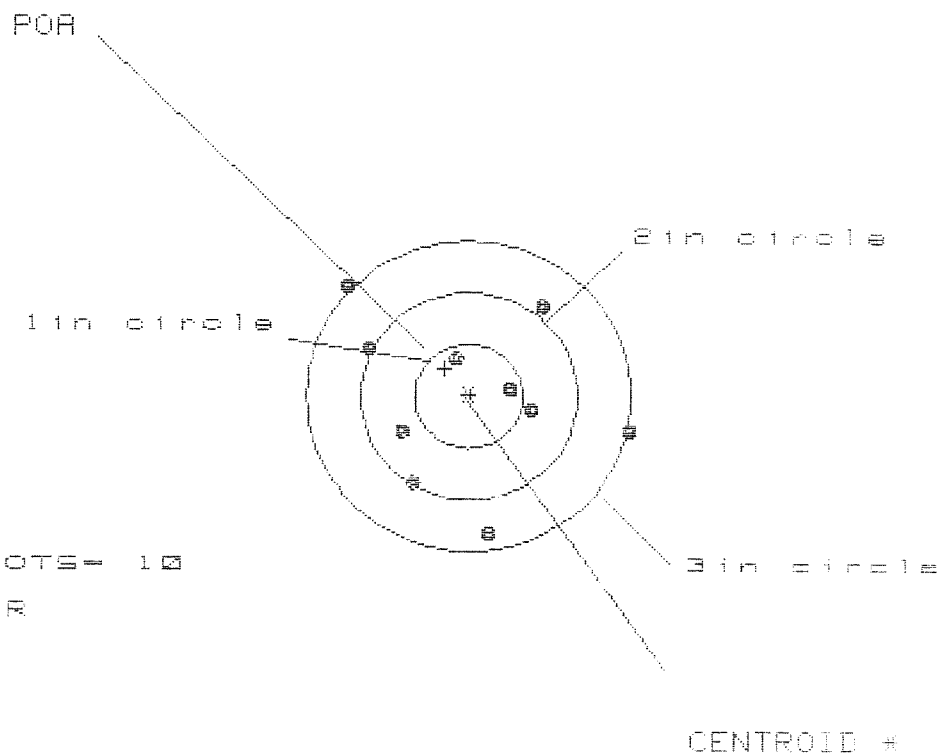
GS= 3.156

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 1      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.331  | 1.177  | .521   |
| MINIMUM X                   | : | -1.383 | -.957  | -.869  |
| MAXIMUM Y                   | : | 1.101  | .654   | .605   |
| MINIMUM Y                   | : | -1.312 | -1.190 | -1.239 |
| CENTROID X                  | : | .497   | .651   | .503   |
| CENTROID Y                  | : | -.197  | -.309  | -.260  |
| FOR TO CENTROID in.         | : | .531   | .720   | .567   |
| MIN RADIUS                  | : | .112   | .197   | .057   |
| MEAN RADIUS                 | : | .848   | .749   | .603   |
| MAX RADIUS                  | : | 1.767  | 1.240  | 1.239  |
| HORIZONTAL SPREAD           | : | 2.714  | 2.134  | 1.931  |
| VERTICAL SPREAD             | : | 2.413  | 1.844  | 1.844  |
| EXTREME SPREAD              | : | 3.156  | 2.176  | 1.966  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

18 May 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/06225396

# CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.594

VS= 2.363

GS= 2.951

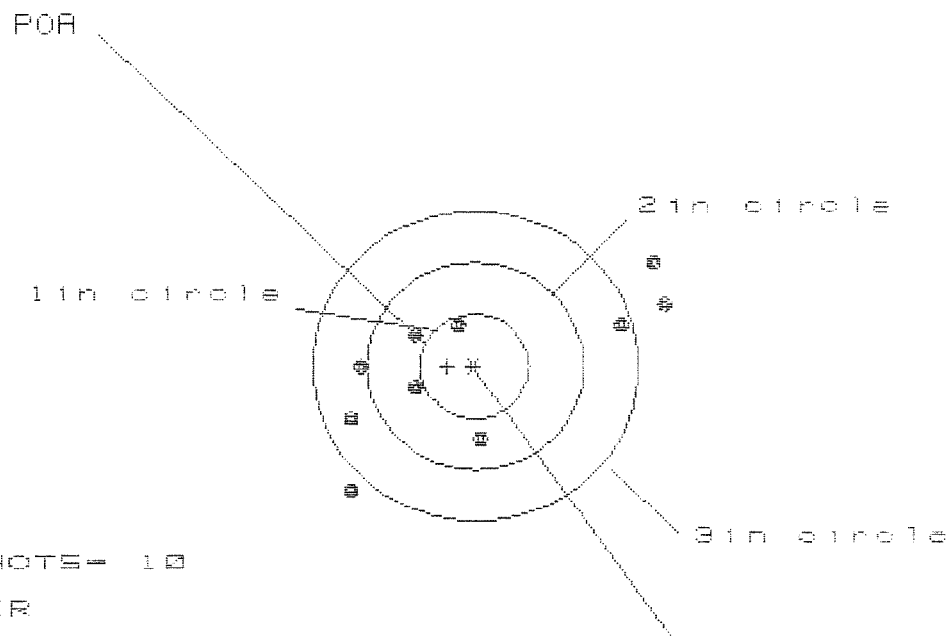
|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 2      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.517  | .806   | .692   |
| MINIMUM X                   | : | -1.077 | -.908  | -.911  |
| MAXIMUM Y                   | : | 1.052  | 1.012  | .976   |
| MINIMUM Y                   | : | -1.312 | -1.351 | -1.225 |
| CENTROID X                  | : | .220   | .051   | .185   |
| CENTROID Y                  | : | -.269  | -.229  | -.355  |
| POA TO CENTROID in.         | : | .347   | .235   | .392   |
| MIN RADIUS                  | : | .377   | .358   | .459   |
| MEAN RADIUS                 | : | .965   | .893   | .827   |
| MAX RADIUS                  | : | 1.558  | 1.392  | 1.244  |
| HORIZONTAL SPREAD           | : | 2.594  | 1.714  | 1.603  |
| VERTICAL SPREAD             | : | 2.363  | 2.363  | 2.208  |
| EXTREME SPREAD              | : | 2.951  | 2.670  | 2.250  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |        |



10 May 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/08225396

# CENTERFIRE PATTERNS # 3



# OF SHOTS= 10  
# IN CIR  
1 in = 1  
2 in = 4  
3 in = 7  
HS= 2.893  
VS= 2.186  
GS= 3.531

CENTROID #

| PATTERN #                   | : | 3      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.719  | 1.896  | 1.731  |
| MINIMUM X                   | : | -1.174 | -1.997 | -1.760 |
| MAXIMUM Y                   | : | .957   | .699   | .616   |
| MINIMUM Y                   | : | -1.229 | -1.123 | -1.035 |
| CENTROID X                  | : | .251   | .074   | -.163  |
| CENTROID Y                  | : | .001   | -.105  | -.193  |
| POA TO CENTROID in.         | : | .251   | .129   | .253   |
| MIN RADIUS                  | : | .445   | .416   | .164   |
| MEAN RADIUS                 | : | 1.154  | 1.029  | .838   |
| MAX RADIUS                  | : | 1.863  | 2.021  | 1.827  |
| HORIZONTAL SPREAD           | : | 2.893  | 2.893  | 2.491  |
| VERTICAL SPREAD             | : | 2.186  | 1.822  | 1.651  |
| EXTREME SPREAD              | : | 3.531  | 3.419  | 2.970  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 7      |        |

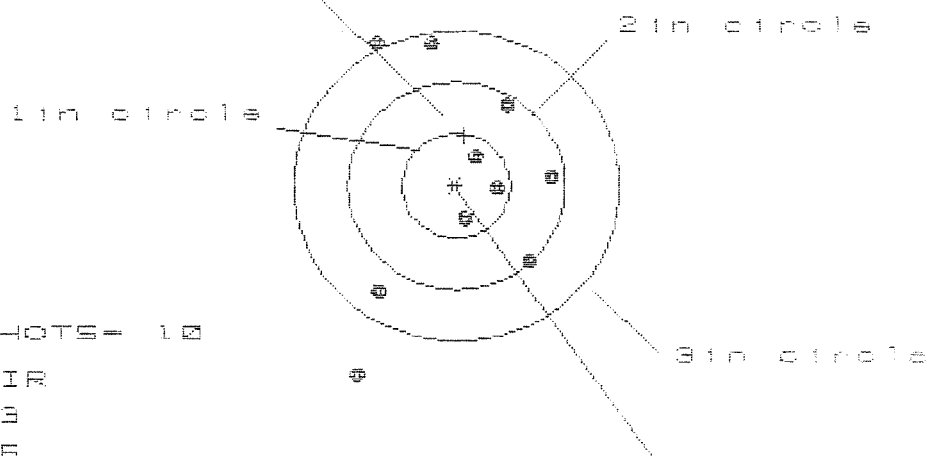
18 May 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225396

# CENTERFIRE PATTERNS

# 4

POA



# OF SHOTS= 10

# IN CIR

1 in = 3

2 in = 6

3 in = 8

HS= 1.788

VS= 3.204

GS= 3.279

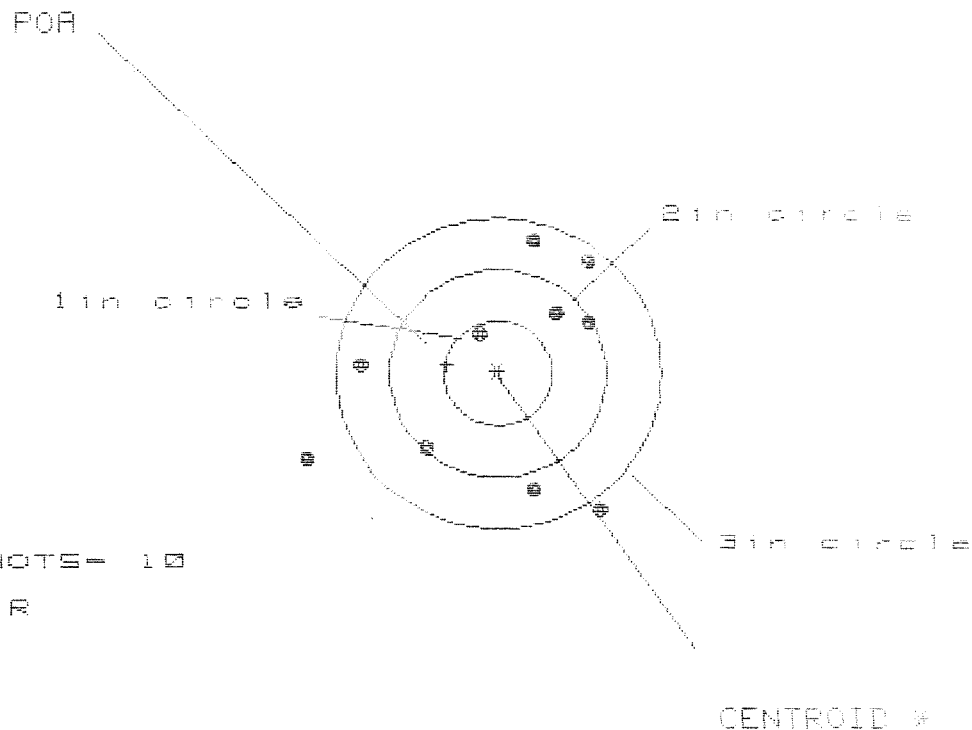
CENTROID \*

| PATTERN #                   | : | 4      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | .893   | .794   | .694   |
| MINIMUM X                   | : | -.895  | -.866  | -.966  |
| MAXIMUM Y                   | : | 1.380  | 1.177  | 1.324  |
| MINIMUM Y                   | : | -1.824 | -1.229 | -1.082 |
| CENTROID X                  | : | -.077  | .022   | .122   |
| CENTROID Y                  | : | -.481  | -.278  | -.425  |
| POA TO CENTROID in.         | : | .487   | .279   | .442   |
| MIN RADIUS                  | : | .339   | .137   | .177   |
| MEAN RADIUS                 | : | 1.000  | .849   | .747   |
| MAX RADIUS                  | : | 2.032  | 1.503  | 1.450  |
| HORIZONTAL SPREAD           | : | 1.788  | 1.660  | 1.660  |
| VERTICAL SPREAD             | : | 3.204  | 2.406  | 2.406  |
| EXTREME SPREAD              | : | 3.279  | 2.472  | 2.472  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |        |

10 May 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C8325886

# CENTERFIRE PATTERNS # 5



# OF SHOTS- 10  
 # IN CIR  
 1 in = 1  
 2 in = 4  
 3 in = 8  
 HB= 2.682  
 VB= 2.561  
 GB= 3.251

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 5      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | .889   | .690   | .747   |
| MINIMUM X                   | : | -1.793 | -1.441 | -1.355 |
| MAXIMUM Y                   | : | 1.258  | 1.166  | .991   |
| MINIMUM Y                   | : | -1.303 | -1.395 | -1.378 |
| CENTROID X                  | : | .468   | .667   | .581   |
| CENTROID Y                  | : | -.086  | .006   | .181   |
| POA TO CENTROID in.         | : | .476   | .667   | .688   |
| MIN RADIUS                  | : | .388   | .444   | .287   |
| MEAN RADIUS                 | : | 1.178  | 1.062  | .964   |
| MAX RADIUS                  | : | 1.975  | 1.557  | 1.401  |
| HORIZONTAL SPREAD           | : | 2.682  | 2.131  | 2.102  |
| VERTICAL SPREAD             | : | 2.561  | 2.561  | 2.369  |
| EXTREME SPREAD              | : | 3.251  | 2.614  | 2.369  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |        |