

C6611580

MODEL 700™ M24

Model S&S™

Action \_\_\_\_\_

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

Capacity \_\_\_\_\_

Order No. 5716

\*Includes 1 in chamber.



|                                                                                                                                                                       |  |                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------|
|   |  | <p>VERY IMPORTANT:<br/>Instruction Book<br/>enclosed to assure<br/>safe use of this<br/>firearm.</p> |
| <p><b>MODEL 700™ M24</b></p>                                                                                                                                          |  | <p><b>SERIAL NO.</b><br/>C6611580</p>                                                                |
| <p>MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat &amp; Tm. Off, Marca Registrada Marque Deposee.</p>                                                                       |  | <p><b>ORDER NO.</b><br/><b>5716</b></p>                                                              |



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611580

| OP. #        | OP. NAME                                                       | READINGS | DATE       | INIT |
|--------------|----------------------------------------------------------------|----------|------------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   |          | 3/26/91    | K.S. |
| 600          | Proof                                                          |          | 3/26/91    | K.S. |
| 607          | Check Headspace                                                |          | 3/26/91    | K.S. |
| 610          | Dis-assemble Gun                                               |          | 3/26/91    | K.S. |
| 612          | Magnaflux Barrel<br>Action                                     |          | APR 2 1991 | KR   |
|              | Magnaflux Bolt                                                 |          | APR 2 1991 | 11   |
| 615          | Rollmark Caliber                                               |          | APR 2 1991 | JS   |
| 617          | Drill and Tap Sight Holes                                      |          | APR 5 1991 | LB   |
| 618          | Polish Barrel                                                  |          | APR 5 1991 | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 4-10-91    | JS   |
|              | Apply Coating (Bolt)                                           |          |            |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 4/10/91    | K.S. |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 4/10/91    | K.S. |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 4/10/91    | K.S. |
|              | D) Oil Firing Pin Ass'y                                        |          | 4/10/91    | K.S. |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 4/11/91    | JS   |

| op. #        | BARBER - M24 0079107<br>OP. NAME                            | READINGS |      |      |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                          | 4        | 4    | 4    |      |      | 4/11/91 | JM   |
|              | G) Safety Off Force                                         | 2        | 2    | 2    |      |      | 4/11/91 | JM   |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |      |      | 4/11/91 | JM   |
|              | I) Firing Pin Indent                                        | 022      | 022  | 022  |      |      | 4/11/91 | JM   |
|              | J) Assemble Stock                                           |          |      |      |      |      | 4/12/91 | KS   |
|              | K) Assemble Swivel Studs                                    |          |      |      |      |      | 5-1-91  | D/H  |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |      |      |      | 4/12/91 | KS   |
|              | M) Iron Sight Alignment                                     |          |      |      |      |      | 4/12/91 | KS   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |      |      |      | 4/12/91 | KS   |
|              | O) Attach Scope to Rifle                                    |          |      |      |      |      | 4/12/91 | KS   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |      |      |      | 4/12/91 | KS   |
| 640          | Gallery Target & Test                                       |          |      |      |      |      | 4/12/91 | KS   |
|              | A) Time                                                     |          |      |      |      |      |         | KS   |
|              | B) Malfunctions                                             |          |      |      |      |      |         | KS   |
|              | C) Pierced Primers                                          |          |      |      |      |      |         | KS   |
|              | D) Optical Clarity of Scope                                 |          |      |      |      |      |         | KS   |
| 645          | Inspect for Live Ammo                                       |          |      |      |      |      | 4/12/91 | KS   |
| 655          | Final Inspection                                            |          |      |      |      |      | 5-1-91  | D/H  |
|              | A) Headspace                                                |          |      |      |      |      |         |      |
|              | B) Trigger Pull                                             | 2.50     | 2.69 | 2.70 | 2.46 | 2.64 | 4/26/91 | JM   |
|              | C) Function                                                 |          |      |      |      |      | 5-1-91  | D/H  |
| 660          | Pack                                                        |          |      |      |      |      | 6-18-91 | KS   |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6611580

DATE 4/11/91

TESTER JL

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.47             | 2.52                     | 2.46                           | 2.50 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.51             | 2.52                     | 2.48                           | 2.69 |                                                                        |
| PULL #3 | 2.42             | 2.49                     | 2.45                           | 2.70 |                                                                        |
| PULL #4 | 2.46             | 2.51                     | 2.50                           | 2.46 |                                                                        |
| PULL #5 | 2.43             | 2.45                     | 2.46                           | 2.64 |                                                                        |
| TOTAL   |                  |                          |                                |      |                                                                        |
| AVG.    |                  |                          |                                |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.35             | 3.25                     |  |          |
| PULL #2 | 3.18             | 3.28                     |  |          |
| PULL #3 | 3.28             | 3.48                     |  |          |
| PULL #4 | 3.15             | 3.38                     |  |          |
| PULL #5 | 3.20             | 3.35                     |  |          |
| 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 | 4.36             | 4.19                     |                                | 4.42                                 |
| PULL #2 | 4.55             | 4.24                     |                                | 4.51                                 |
| PULL #3 | 4.26             | 4.29                     |                                | 4.34                                 |
| PULL #4 | 4.45             | 4.55                     |                                | 4.43                                 |
| PULL #5 | 4.27             | 4.27                     |                                | 4.52                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6611580  
23 Apr 1991

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .276134 |
| 1 TO | 2 | .380916 |
| 1 TO | 3 | .298965 |
| 1 TO | 4 | .394899 |
| 1 TO | 5 | .169664 |

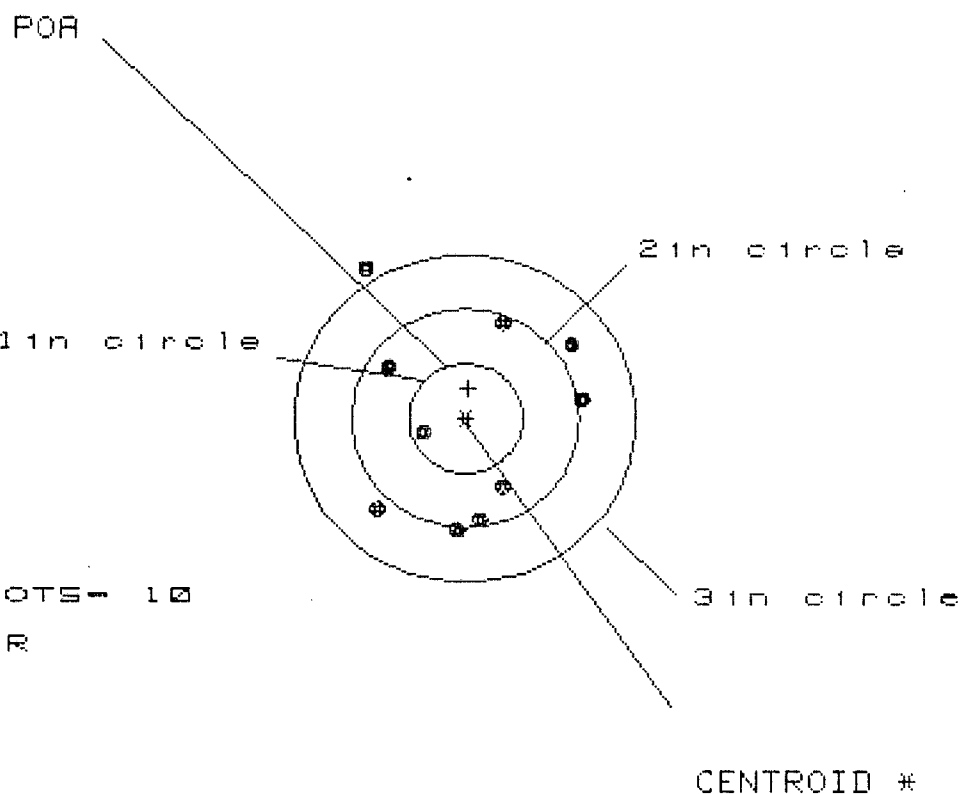
284 154 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0122  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1258  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .12639  
THE AMR FOR THIS RIFLE IS: .9266

23 Apr 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6611580.1

## CENTERFIRE PATTERNS # 1



# OF SHOTS = 10

# IN CIR

1in = 1

2in = 5

3in = 9

HS = 1.930

VS = 2.411

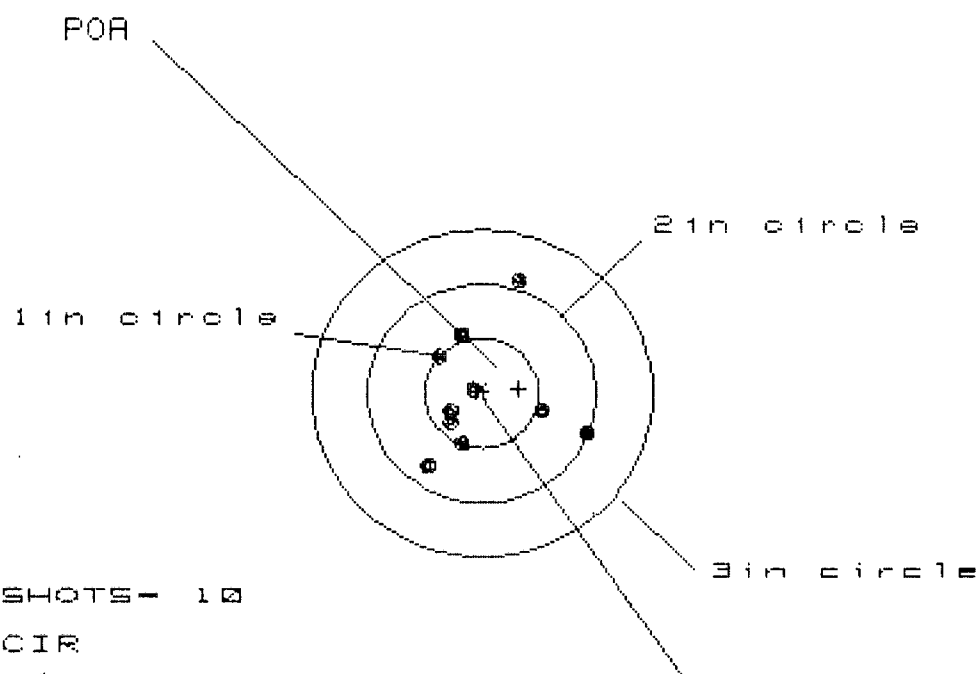
GS = 2.523

| PATTERN #                   | : | 1      | 9     | 8     |
|-----------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | 1.073  | .978  | 1.080 |
| MINIMUM X                   | : | -.857  | -.845 | -.743 |
| MAXIMUM Y                   | : | 1.347  | .977  | 1.077 |
| MINIMUM Y                   | : | -1.064 | -.914 | -.814 |
| CENTROID X                  | : | -.025  | .070  | -.032 |
| CENTROID Y                  | : | -.275  | -.425 | -.525 |
| POA TO CENTROID in.         | : | .276   | .431  | .526  |
| MIN RADIUS                  | : | .408   | .472  | .381  |
| MEAN RADIUS                 | : | .976   | .888  | .832  |
| MAX RADIUS                  | : | 1.597  | 1.143 | 1.178 |
| HORIZONTAL SPREAD           | : | 1.930  | 1.823 | 1.823 |
| VERTICAL SPREAD             | : | 2.411  | 1.891 | 1.891 |
| EXTREME SPREAD              | : | 2.523  | 2.199 | 2.084 |
| NUMBER IN ONE INCH CIRCLE   | = | 1      |       |       |
| NUMBER IN TWO INCH CIRCLE   | = | 5      |       |       |
| NUMBER IN THREE INCH CIRCLE | = | 9      |       |       |

23 Apr 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6611580.1

## CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1in - 4

2in - 8

3in = 10

HS= 1.413

VS= 1.690

GS= 1.860

CENTROID #

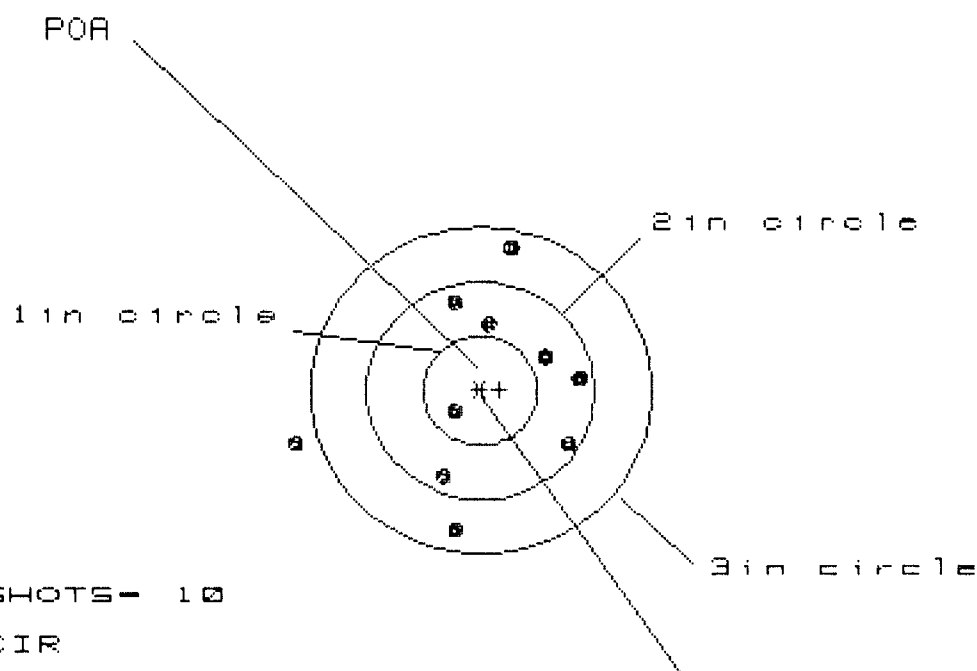
| PATTERN #                   | : | 2     |       |       |
|-----------------------------|---|-------|-------|-------|
| SHOTS (BEST OF)             | : | 10    | 9     | 8     |
| MAXIMUM X                   | : | .954  | .989  | .714  |
| MINIMUM X                   | : | -.459 | -.424 | -.300 |
| MAXIMUM Y                   | : | 1.065 | .684  | .659  |
| MINIMUM Y                   | : | -.625 | -.507 | -.532 |
| CENTROID X                  | : | -.324 | -.359 | -.483 |
| CENTROID Y                  | : | -.039 | -.157 | -.132 |
| POA TO CENTROID in.         | : | .326  | .392  | .501  |
| MIN RADIUS                  | : | .115  | .172  | .082  |
| MEAN RADIUS                 | : | .579  | .501  | .402  |
| MAX RADIUS                  | : | 1.111 | 1.009 | .716  |
| HORIZONTAL SPREAD           | : | 1.413 | 1.413 | 1.014 |
| VERTICAL SPREAD             | : | 1.690 | 1.191 | 1.191 |
| EXTREME SPREAD              | : | 1.860 | 1.471 | 1.214 |
| NUMBER IN ONE INCH CIRCLE   | = |       | 4     |       |
| NUMBER IN TWO INCH CIRCLE   | = |       | 8     |       |
| NUMBER IN THREE INCH CIRCLE | = |       | 10    |       |



23 Apr 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6611580.1

## CENTERFIRE PATTERNS # 3



# OF SHOTS - 10

# IN CIR

1 in - 1

2 in - 7

3 in - 9

HS = 2.478

VS = 2.594

GS = 2.642

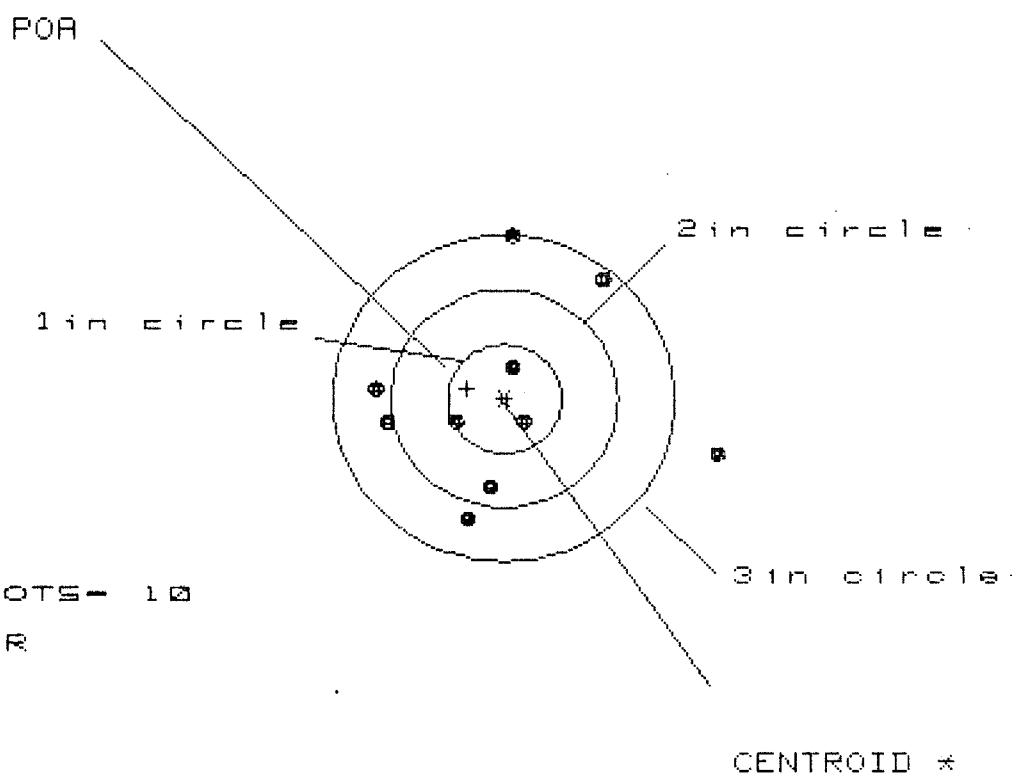
CENTROID \*

| PATTERN #                     | : | 3      |        |        |
|-------------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)               | : | 10     | 9      | 8      |
| MAXIMUM X                     | : | .857   | .677   | .690   |
| MINIMUM X                     | : | -1.621 | -.560  | -.547  |
| MAXIMUM Y                     | : | 1.326  | 1.276  | .885   |
| MINIMUM Y                     | : | -1.268 | -1.318 | -1.158 |
| CENTROID X                    | : | -.169  | .011   | -.002  |
| CENTROID Y                    | : | -.013  | .037   | -.123  |
| POA TO CENTROID in.           | : | .170   | .038   | .123   |
| MIN RADIUS                    | : | .265   | .445   | .384   |
| MEAN RADIUS                   | : | .936   | .832   | .777   |
| MAX RADIUS                    | : | 1.682  | 1.376  | 1.220  |
| HORIZONTAL SPREAD             | : | 2.478  | 1.237  | 1.237  |
| VERTICAL SPREAD               | : | 2.594  | 2.594  | 2.043  |
| EXTREME SPREAD                | : | 2.642  | 2.642  | 2.043  |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 7      |        |
| NUMBER IN THREE INCH CIRCLE = |   |        | 9      |        |

23 Apr 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6611580.1

## CENTERFIRE PATTERNS # 4



# OF SHOTS - 10

# IN CIR

1 in = 3

2 in = 4

3 in = 9

HS = 3.049

VS = 2.542

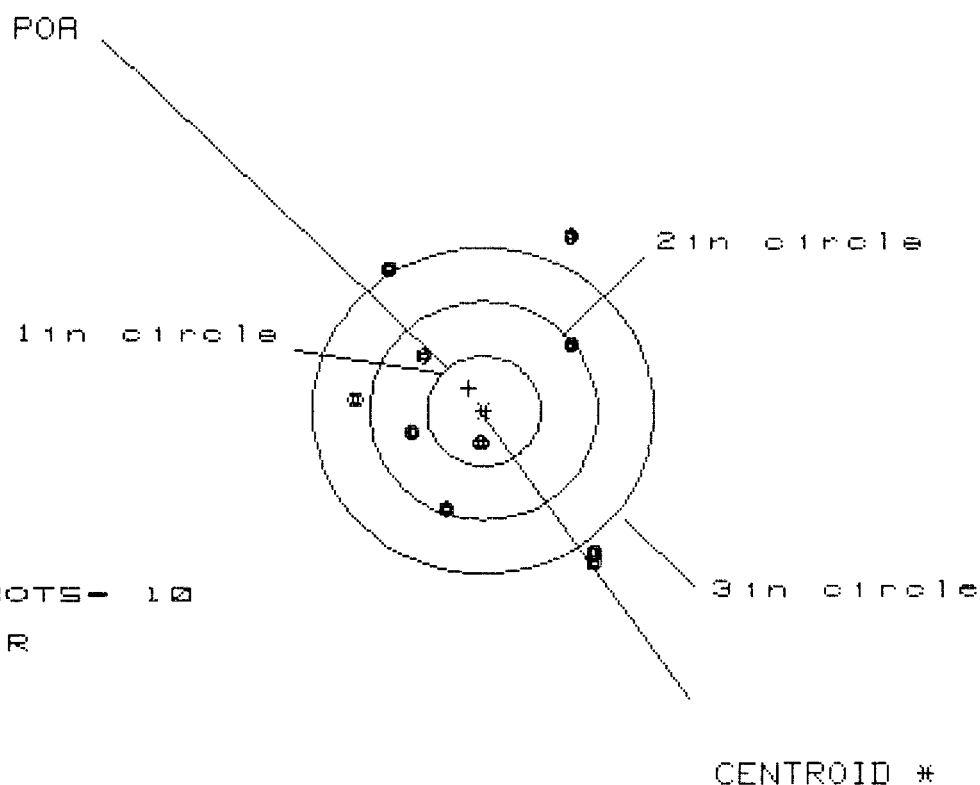
GS = 3.115

| PATTERN #                   | : | 4      |        |       |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.907  | 1.051  | 1.087 |
| MINIMUM X                   | : | -1.142 | -.930  | -.894 |
| MAXIMUM Y                   | : | 1.486  | 1.429  | 1.185 |
| MINIMUM Y                   | : | -1.056 | -1.113 | -.934 |
| CENTROID X                  | : | .327   | .115   | .079  |
| CENTROID Y                  | : | -.096  | -.039  | -.218 |
| POA TO CENTROID in.         | : | .341   | .121   | .232  |
| MIN RADIUS                  | : | .267   | .354   | .207  |
| MEAN RADIUS                 | : | .995   | .873   | .762  |
| MAX RADIUS                  | : | 1.974  | 1.457  | 1.608 |
| HORIZONTAL SPREAD           | : | 3.049  | 1.981  | 1.981 |
| VERTICAL SPREAD             | : | 2.542  | 2.542  | 2.119 |
| EXTREME SPREAD              | : | 3.115  | 2.578  | 2.435 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |       |

23 Apr 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6611580.1

## CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 4

3in = 6

HS= 2.053

VS= 3.000

GS= 3.295

| PATTERN #                     | : | 5      | 9      | 8      |
|-------------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)               | : | 10     | 9      | 8      |
| MAXIMUM X                     | : | .967   | 1.054  | 1.184  |
| MINIMUM X                     | : | -1.086 | -.999  | -.869  |
| MAXIMUM Y                     | : | 1.564  | 1.524  | 1.367  |
| MINIMUM Y                     | : | -1.436 | -1.263 | -1.248 |
| CENTROID X                    | : | .130   | .043   | -.087  |
| CENTROID Y                    | : | -.206  | -.379  | -.222  |
| POA TO CENTROID in.           | : | .243   | .382   | .238   |
| MIN RADIUS                    | : | .340   | .170   | .367   |
| MEAN RADIUS                   | : | 1.147  | 1.043  | .952   |
| MAX RADIUS                    | : | 1.752  | 1.685  | 1.720  |
| HORIZONTAL SPREAD             | : | 2.053  | 2.053  | 2.053  |
| VERTICAL SPREAD               | : | 3.000  | 2.787  | 2.614  |
| EXTREME SPREAD                | : | 3.295  | 3.295  | 3.158  |
| NUMBER IN ONE INCH CIRCLE =   | : | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | : | 4      |        |        |
| NUMBER IN THREE INCH CIRCLE = | : | 6      |        |        |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6611580  
12 Apr 1991

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .393315 |
| 1 TO | 2 | .466203 |
| 1 TO | 3 | .542044 |
| 1 TO | 4 | .521245 |
| 1 TO | 5 | .245837 |

4  
5  
1 <----POA

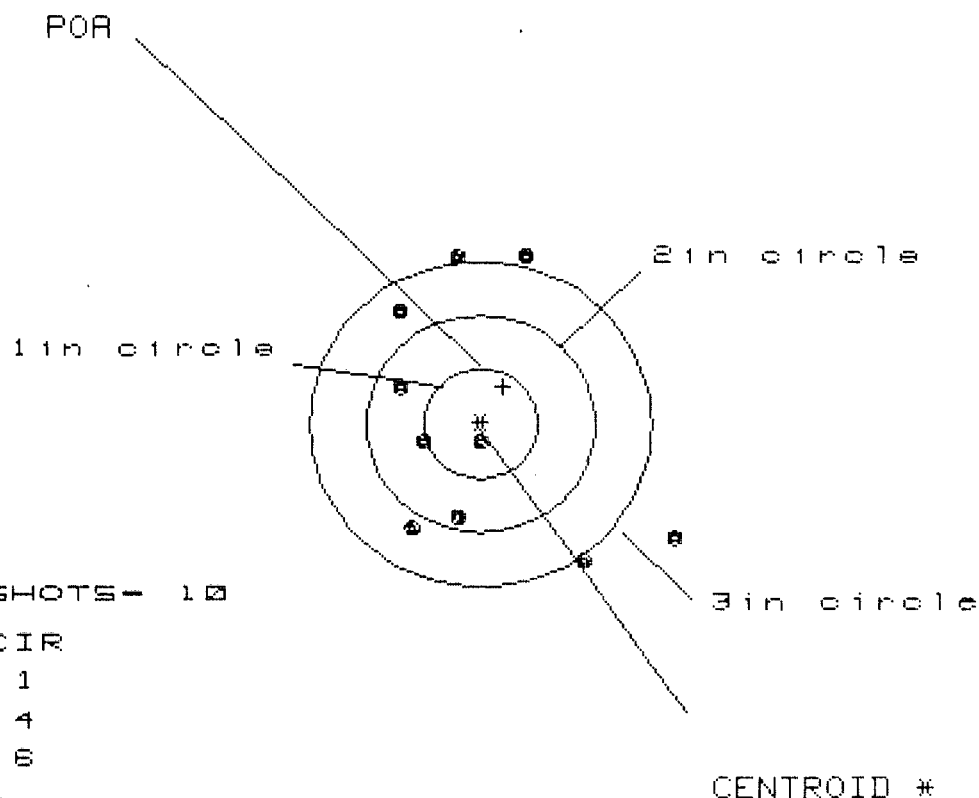
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1358  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0046  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .135878  
THE AMR FOR THIS RIFLE IS: 1.258

*Re Lead / Retarget*

12 Apr 1991

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## CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1in - 1

2in - 4

3in - 6

HS- 2.466

VS- 2.766

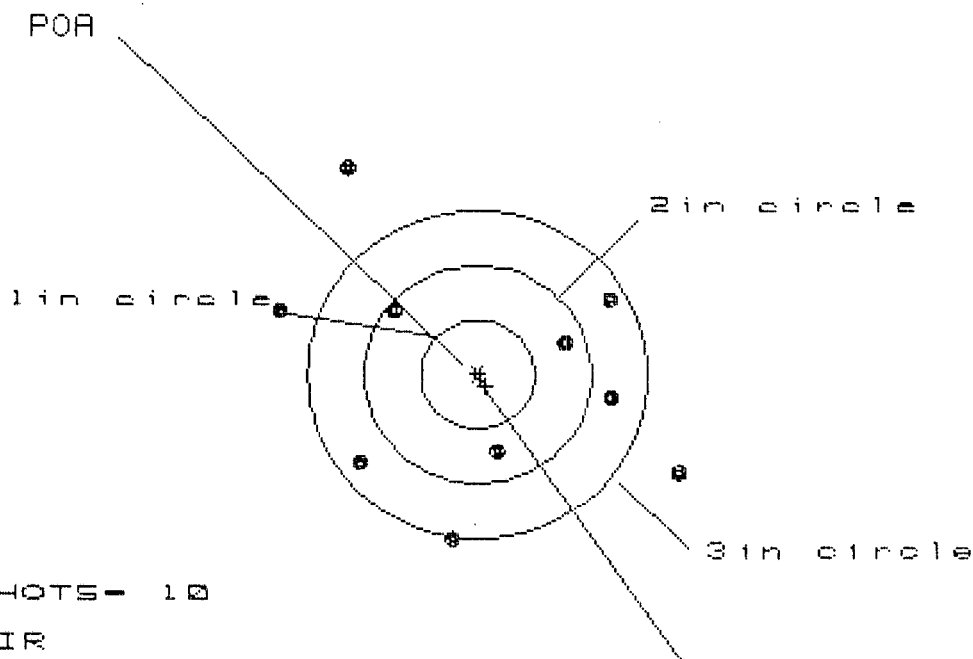
GS- 3.223

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.729  | 1.044  | 1.119  |
| MINIMUM X                     | -.737  | -.545  | -.470  |
| MAXIMUM Y                     | 1.524  | 1.407  | 1.569  |
| MINIMUM Y                     | -1.242 | -1.359 | -1.183 |
| CENTROID X                    | -.196  | -.388  | -.463  |
| CENTROID Y                    | -.341  | -.224  | -.400  |
| POA TO CENTROID in.           | .393   | .448   | .612   |
| MIN RADIUS                    | .172   | .328   | .259   |
| MEAN RADIUS                   | 1.141  | 1.015  | .911   |
| MAX RADIUS                    | 2.024  | 1.714  | 1.628  |
| HORIZONTAL SPREAD             | 2.466  | 1.589  | 1.589  |
| VERTICAL SPREAD               | 2.766  | 2.766  | 2.752  |
| EXTREME SPREAD                | 3.223  | 2.956  | 2.956  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 4      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 6      |        |        |

12 Apr 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6611580

## CENTERFIRE PATTERNS # 2



# OF SHOTS - 10

# IN CIR

1 in = 0

2 in = 3

3 in = 6

HS = 3.501

VS = 3.416

GS = 3.966

| PATTERN #                   | : | 2      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.719  | 1.592  | 1.218  |
| MINIMUM X                   | : | -1.782 | -1.909 | -1.710 |
| MAXIMUM Y                   | : | 1.886  | .949   | .868   |
| MINIMUM Y                   | : | -1.530 | -1.320 | -1.401 |
| CENTROID X                  | : | -.067  | .060   | -.139  |
| CENTROID Y                  | : | .107   | -.103  | -.022  |
| POA TO CENTROID in.         | : | .126   | .119   | .140   |
| MIN RADIUS                  | : | .731   | .502   | .632   |
| MEAN RADIUS                 | : | 1.393  | 1.268  | 1.219  |
| MAX RADIUS                  | : | 2.206  | 2.070  | 1.855  |
| HORIZONTAL SPREAD           | : | 3.501  | 3.501  | 2.928  |
| VERTICAL SPREAD             | : | 3.416  | 2.269  | 2.269  |
| EXTREME SPREAD              | : | 3.966  | 3.789  | 3.045  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 0      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 3      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 6      |        |

12 Apr 1991

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## CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

# OF SHOTS- 10

# IN CIR

1 in = 1

2 in = 4

3 in = 6

HS= 3.766

VS= 2.527

GS= 4.171

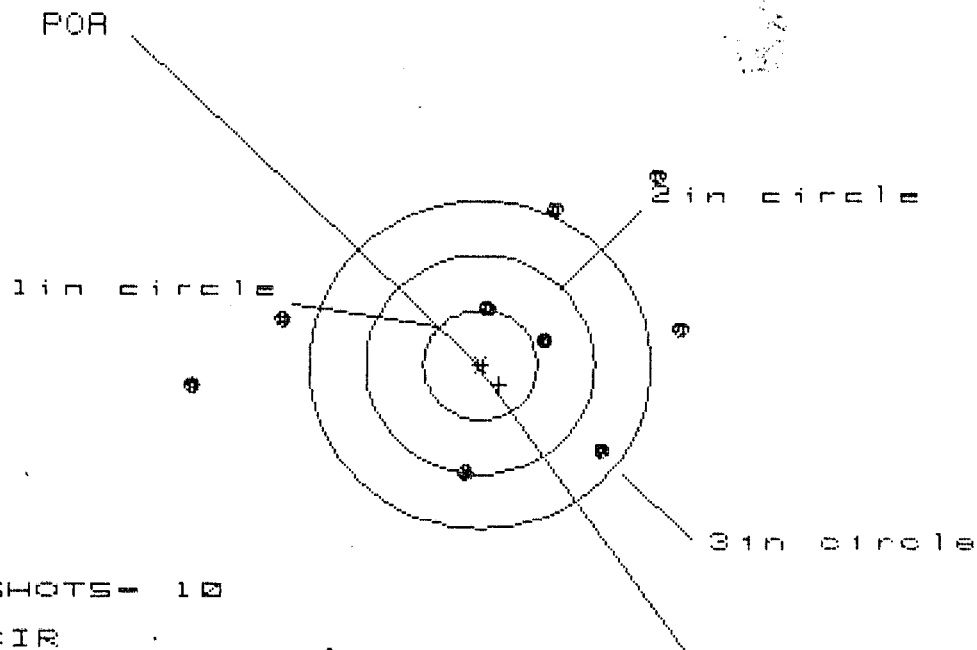
CENTROID \*

| PATTERN #                     | 3      | 3      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 2.013  | 1.953  | 1.818  |
| MINIMUM X                     | -1.753 | -1.529 | -1.664 |
| MAXIMUM Y                     | 1.162  | .781   | .627   |
| MINIMUM Y                     | -1.365 | -1.236 | -.877  |
| CENTROID X                    | -.030  | -.254  | -.118  |
| CENTROID Y                    | .175   | .046   | .200   |
| POA TO CENTROID in.           | .177   | .258   | .232   |
| MIN RADIUS                    | .134   | .170   | .046   |
| MEAN RADIUS                   | 1.278  | 1.116  | 1.055  |
| MAX RADIUS                    | 2.324  | 2.103  | 1.923  |
| HORIZONTAL SPREAD             | 3.766  | 3.482  | 3.482  |
| VERTICAL SPREAD               | 2.527  | 2.017  | 1.504  |
| EXTREME SPREAD                | 4.171  | 3.643  | 3.482  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 4      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 6      |        |        |

12 Apr 1991

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## CENTERFIRE PATTERNS # 4



# OF SHOTS - 10

# IN CIR

1 in = 1

2 in = 3

3 in = 4

HS = 4.295

VS = 4.399

GS = 5.257

CENTROID \*

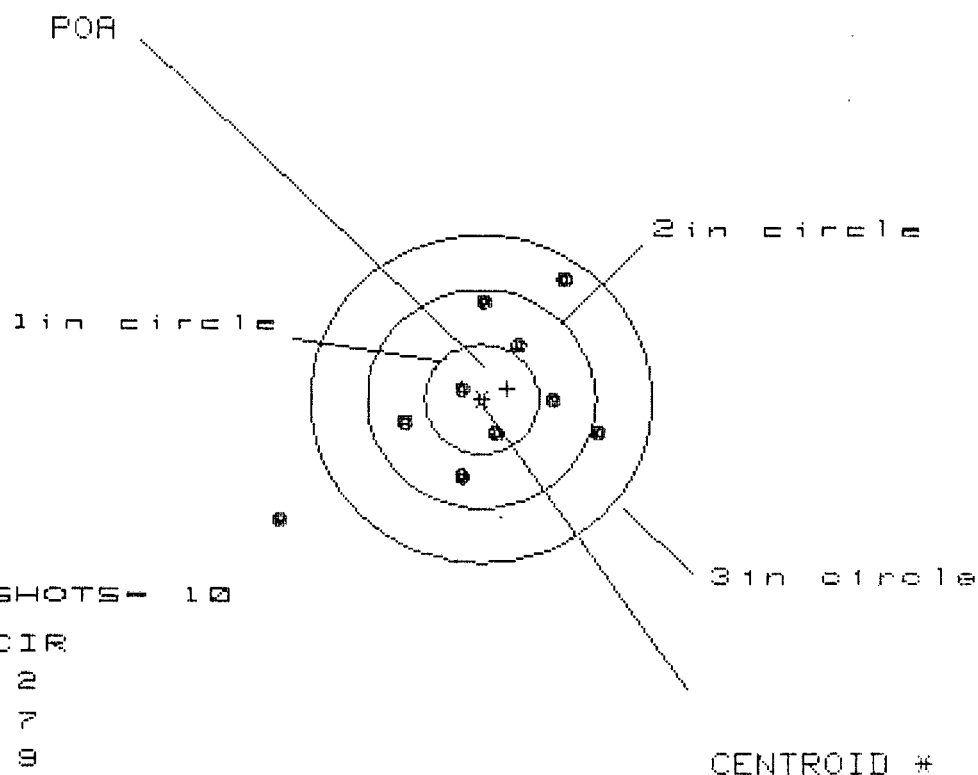
| PATTERN #                     | 4      | 9      | 8      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.797  | 1.652  | 1.322  |
| MINIMUM X                     | -2.498 | -2.643 | -2.209 |
| MAXIMUM Y                     | 1.720  | 1.423  | 1.362  |
| MINIMUM Y                     | -2.679 | -1.255 | -1.316 |
| CENTROID X                    | -.160  | -.015  | .315   |
| CENTROID Y                    | .179   | .476   | .537   |
| POA TO CENTROID in.           | .240   | .477   | .623   |
| MIN RADIUS                    | .499   | .242   | .133   |
| MEAN RADIUS                   | 1.640  | 1.427  | 1.218  |
| MAX RADIUS                    | 2.981  | 2.687  | 2.211  |
| HORIZONTAL SPREAD             | 4.295  | 4.295  | 3.531  |
| VERTICAL SPREAD               | 4.399  | 2.678  | 2.678  |
| EXTREME SPREAD                | 5.257  | 4.495  | 3.542  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 3      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 4      |        |        |



12 Apr 1991

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## CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 2.789

VS= 2.167

GS= 3.320

CENTROID #

| PATTERN #                   | : | 5      |       |       |
|-----------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | .980   | .779  | .842  |
| MINIMUM X                   | : | -1.809 | -.851 | -.788 |
| MAXIMUM Y                   | : | 1.081  | .961  | .889  |
| MINIMUM Y                   | : | -1.085 | -.867 | -.747 |
| CENTROID X                  | : | -.226  | -.025 | -.088 |
| CENTROID Y                  | : | -.097  | .024  | -.096 |
| POA TO CENTROID in.         | : | .246   | .035  | .130  |
| MIN RADIUS                  | : | .287   | .342  | .286  |
| MEAN RADIUS                 | : | .839   | .676  | .615  |
| MAX RADIUS                  | : | 2.110  | 1.085 | .891  |
| HORIZONTAL SPREAD           | : | 2.789  | 1.630 | 1.630 |
| VERTICAL SPREAD             | : | 2.167  | 1.828 | 1.636 |
| EXTREME SPREAD              | : | 3.320  | 2.014 | 1.650 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9     |       |