

C6523326

MODEL 700™ M24

Model **SMS**™

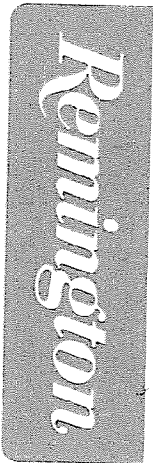
Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.



**Remington**<sup>®</sup>

**DU PONT**  
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.**  
C6523326

**ORDER NO.**  
**5716**

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

01



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523326

| OP. #        | OP. NAME                                                       | READINGS | DATE     | INIT |
|--------------|----------------------------------------------------------------|----------|----------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 10 2 90  | 10/2/90  | RW   |
| 600          | Proof                                                          | 10 2 90  | 10/2/90  | RW   |
| 607          | Check Headspace                                                | 10 2 90  | 10/2/90  | RW   |
| 610          | Dis-assemble Gun                                               | 10 2 30  | 10/2/90  | RW   |
| 612          | Magnaflux Barrel<br>Action                                     |          | 10/2/90  | KR   |
|              | Magnaflux Bolt                                                 |          | 10/2/90  | KR   |
| 615          | Rollmark Caliber                                               |          | 10/2/90  | GL   |
| 617          | Drill and Tap Sight Holes                                      |          | 10/4/90  | LB   |
| 618          | Polish Barrel RB                                               |          | 10/5/90  | LB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 10/20/90 | JA   |
|              | Apply Coating (Bolt)                                           |          | 10/20/90 | JA   |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 10/22/90 | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 10/22/90 | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 10/22/90 | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 10/22/90 | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 11/5/90  | JA   |

| op. #        | OP. NAME                                                          | READINGS |       |       |     |     | DATE     | INIT |
|--------------|-------------------------------------------------------------------|----------|-------|-------|-----|-----|----------|------|
| 625<br>cont. | F) Safety On Force                                                | 5        | 5     | 5     |     |     | 11/5/90  | WB   |
|              | G) Safety Off Force                                               | 2        | 2     | 2     |     |     | 11/5/90  | WB   |
|              | H) Trigger Pull Test &<br>Retainability                           |          |       |       |     |     | 11/5/90  | JH   |
|              | I) Firing Pin Indent                                              | .020     | .0205 | .0205 |     |     | 11/5/90  | WB   |
|              | J) Assemble Stock                                                 |          |       |       |     |     | 11/5/90  | RW   |
|              | K) Assemble Swivel Studs                                          |          |       |       |     |     | 11-20-90 | D/H  |
|              | L) Attach Front and Rear<br>Sight Assemblies                      |          |       |       |     |     | 11/5/90  | RW   |
|              | M) Iron Sight Alignment                                           |          |       |       |     |     | 11/5/90  | RW   |
|              | N) Detach Front & Rear<br>Sights & place in<br>numbered container |          |       |       |     |     | 11/5/90  | RW   |
|              | O) Attach Scope to Rifle                                          |          |       |       |     |     | 11/5/90  | RW   |
|              | P) Detach & Attach Scope<br>20 Times                              |          |       |       |     |     | 11/5/90  | RW   |
| 640          | Gallery Target & Test                                             |          |       |       |     |     | 11-7-90  | AC   |
|              | A) Time                                                           |          |       |       |     |     | 11-7-90  | AC   |
|              | B) Malfunctions                                                   |          |       |       |     |     | 11-7-90  | AC   |
|              | C) Pierced Primers                                                |          |       |       |     |     | 11-7-90  | AC   |
|              | D) Optical Clarity of Scope                                       |          |       |       |     |     | 11-7-90  | AC   |
| 645          | Inspect for Live Ammo                                             |          |       |       |     |     | 11-7-90  | AC   |
| 655          | Final Inspection                                                  |          |       |       |     |     |          |      |
|              | A) Headspace                                                      |          |       |       |     |     | 11-20-90 | DH   |
|              | B) Trigger Pull                                                   | 276      | 269   | 271   | 269 | 270 | 11-20-90 | DH   |
|              | C) Function                                                       |          |       |       |     |     | 11-20-90 | DH   |
| 660          | Pack                                                              |          |       |       |     |     | 12-18-90 | D/H  |

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

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

SERIAL NO. C6523326

DATE 11/5/90

TESTER JF

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |     | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-----|------------------------------------------------------------------------|
| PULL #1 | 2.46             | 2.50                     | 2.32                           | 276 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.47             | 2.40                     | 2.38                           | 269 |                                                                        |
| PULL #3 | 2.45             | 2.38                     | 2.38                           | 276 |                                                                        |
| PULL #4 | 2.50             | 2.38                     | 2.33                           | 269 |                                                                        |
| PULL #5 | 2.35             | 2.37                     | 2.35                           | 270 |                                                                        |
| TOTAL   | 12.23            | 12.03                    | 11.76                          |     |                                                                        |
| AVG.    | 2.446            | 2.406                    | 2.352                          |     |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.27             | 3.37                     |  |          |
| PULL #2 | 3.25             | 3.40                     |  |          |
| PULL #3 | 3.26             | 3.34                     |  |          |
| PULL #4 | 3.23             | 3.37                     |  |          |
| PULL #5 | 3.38             | 3.40                     |  |          |
| TOTAL   | 16.39            | 16.88                    |  |          |
| AVG.    | 3.278            | 3.376                    |  |          |

|         | 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 | 4.28             | 4.21                     |                                | 4.19                                 |
| PULL #2 | 4.19             | 4.24                     |                                | 4.27                                 |
| PULL #3 | 4.21             | 4.18                     |                                | 4.26                                 |
| PULL #4 | 4.33             | 4.20                     |                                | 4.23                                 |
| PULL #5 | 4.22             | 4.27                     |                                | 4.28                                 |
| TOTAL   | 21.27            | 21.10                    |                                | 21.23                                |
| AVG.    | 4.246            | 4.22                     |                                | 4.246                                |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06523326  
7 Nov 1990

CENTROIDAL DISTANCES

|        |         |
|--------|---------|
| 0 TO 1 | .275282 |
| 1 TO 2 | .21422  |
| 1 TO 3 | .127028 |
| 1 TO 4 | .223665 |
| 1 TO 5 | .452179 |

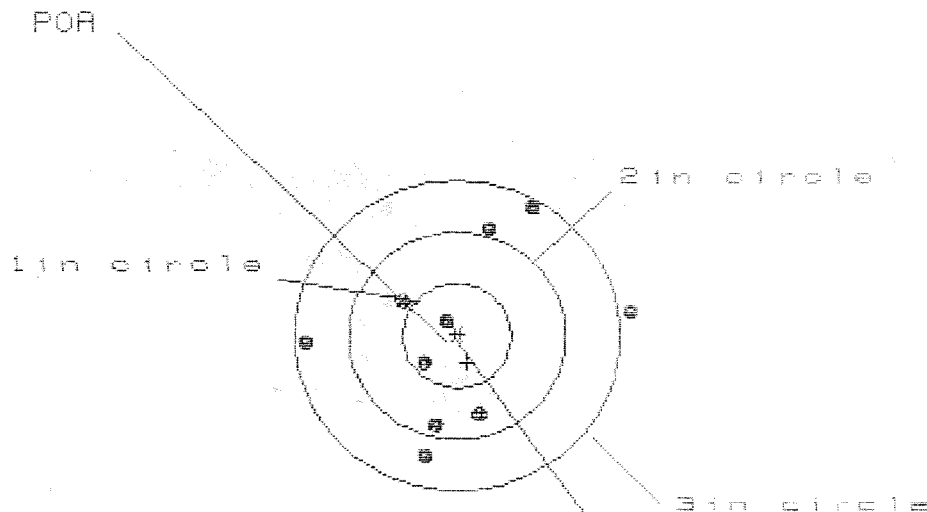
5 1 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0674  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1718  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .184548  
THE AMR FOR THIS RIFLE IS: .8962

7 Nov 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/08523328

# CENTERFIRE PATTERNS # 1



# OF SHOTS= 10

# IN CIR

1 in = 2

2 in = 5

3 in = 3

HE= 2.975

VS= 2.381

GS= 2.983

CENTROID #

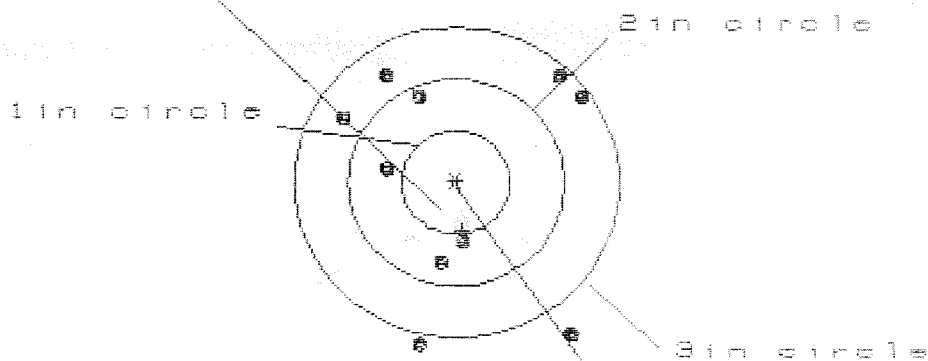
| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.572  | .821   | .612   |
| MINIMUM X                     | -1.403 | -1.229 | -1.126 |
| MAXIMUM Y                     | 1.264  | 1.286  | 1.266  |
| MINIMUM Y                     | -1.117 | -1.095 | -1.935 |
| CENTROID X                    | -.096  | -.271  | -.374  |
| CENTROID Y                    | .258   | .236   | .075   |
| POA TO CENTROID in.           | .276   | .360   | .381   |
| MIN RADIUS                    | .189   | .181   | .069   |
| MEAN RADIUS                   | .963   | .862   | .752   |
| MAX RADIUS                    | 1.584  | 1.525  | 1.406  |
| HORIZONTAL SPREAD             | 2.975  | 2.050  | 1.738  |
| VERTICAL SPREAD               | 2.381  | 2.381  | 2.201  |
| EXTREME SPREAD                | 2.983  | 2.549  | 2.281  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 5      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 9      |        |        |

7 Nov 1990

FILE:/PATTERNING/CENTERFIRE\_PATT/C8523326

# CENTERFIRE PATTERNS # 2

POA



# OF SHOTS= 10

# IN CIR

1in = 4

2in = 4

3in = 8

HS= 2.179

VS= 2.590

GS= 3.028

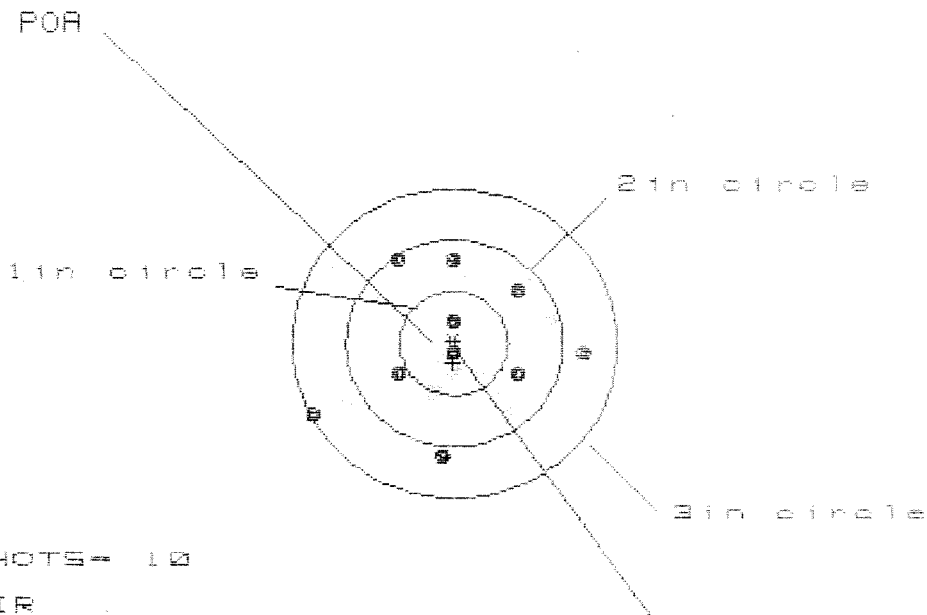
CENTROID \*

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 2      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.188  | 1.301  | 1.273  |
| MINIMUM X                   | : | -.991  | -.878  | -.906  |
| MAXIMUM Y                   | : | 1.032  | .867   | .651   |
| MINIMUM Y                   | : | -1.558 | -1.723 | -1.177 |
| CENTROID X                  | : | -.059  | -.172  | -.144  |
| CENTROID Y                  | : | .469   | .634   | .850   |
| POA TO CENTROID in.         | : | .473   | .657   | .862   |
| MIN RADIUS                  | : | .558   | .518   | .519   |
| MEAN RADIUS                 | : | 1.149  | 1.049  | .946   |
| MAX RADIUS                  | : | 1.802  | 1.737  | 1.339  |
| HORIZONTAL SPREAD           | : | 2.179  | 2.179  | 2.179  |
| VERTICAL SPREAD             | : | 2.590  | 2.590  | 1.828  |
| EXTREME SPREAD              | : | 3.028  | 2.856  | 2.186  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 0      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |        |

7 Nov 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C6523326

# CENTERFIRE PATTERNS # 3



# OF SHOTS = 10

# IN CIR

1in = 2

2in = 7

3in = 10

HS = 2.441

VS = 1.880

GS = 2.522

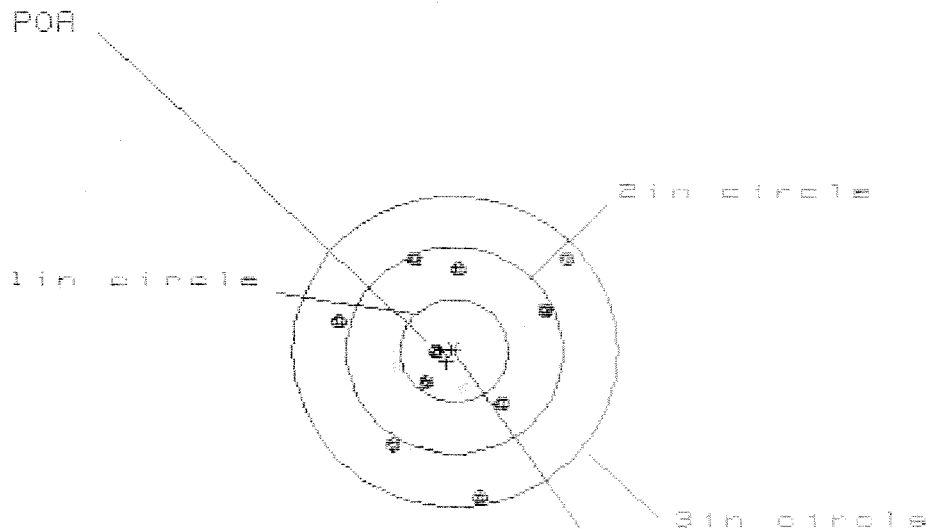
CENTROID #

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 3      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.173  | 1.032  | .592   |
| MINIMUM X                   | : | -1.268 | -.606  | -.477  |
| MAXIMUM Y                   | : | .821   | .747   | .732   |
| MINIMUM Y                   | : | -1.058 | -1.133 | -1.147 |
| CENTROID X                  | : | .010   | .151   | .022   |
| CENTROID Y                  | : | .188   | .262   | .276   |
| POA TO CENTROID in.         | : | .188   | .302   | .277   |
| MIN RADIUS                  | : | .071   | .212   | .142   |
| MEAN RADIUS                 | : | .773   | .698   | .634   |
| MAX RADIUS                  | : | 1.435  | 1.156  | 1.152  |
| HORIZONTAL SPREAD           | : | 2.441  | 1.638  | 1.069  |
| VERTICAL SPREAD             | : | 1.880  | 1.880  | 1.880  |
| EXTREME SPREAD              | : | 2.522  | 1.917  | 1.917  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |        |

7 Nov 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C8523326

# CENTERFIRE PATTERNS # 4



# OF SHOTS- 10

# IN CIR

1in = 2

2in = 6

3in = 10

HS= 2.146

VS= 2.387

GS= 2.421

CENTROID #

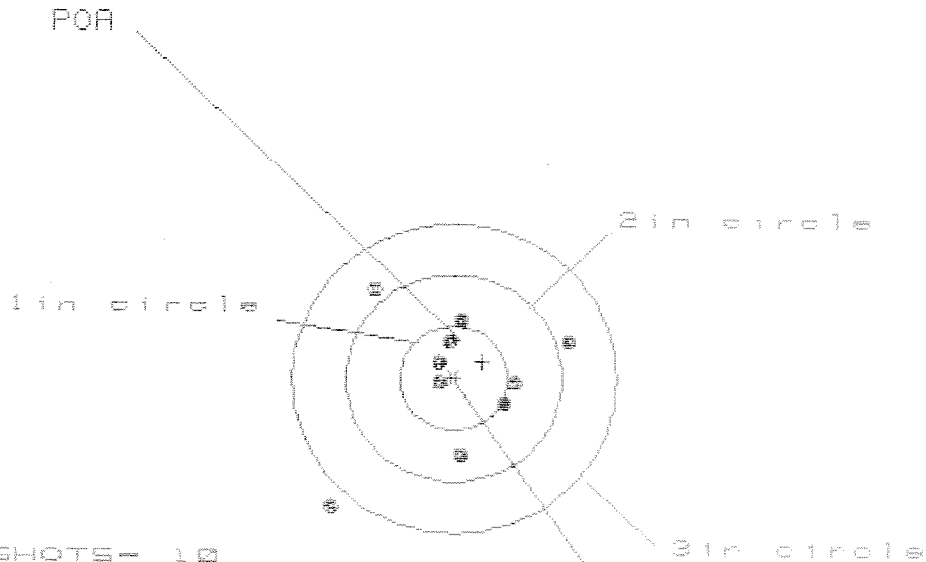
|                             |   |        |        |       |
|-----------------------------|---|--------|--------|-------|
| PATTERN #                   | : | 4      |        |       |
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.053  | 1.077  | 1.005 |
| MINIMUM X                   | : | -1.093 | -1.069 | -.934 |
| MAXIMUM Y                   | : | .981   | .723   | .889  |
| MINIMUM Y                   | : | -1.425 | -1.022 | -.936 |
| CENTROID X                  | : | .069   | .045   | -.090 |
| CENTROID Y                  | : | .107   | .266   | .180  |
| POA TO CENTROID in.         | : | .128   | .270   | .201  |
| MIN RADIUS                  | : | .109   | .254   | .114  |
| MEAN RADIUS                 | : | .899   | .835   | .752  |
| MAX RADIUS                  | : | 1.442  | 1.278  | 1.070 |
| HORIZONTAL SPREAD           | : | 2.146  | 2.146  | 1.939 |
| VERTICAL SPREAD             | : | 2.387  | 1.745  | 1.745 |
| EXTREME SPREAD              | : | 2.421  | 2.379  | 1.948 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |       |

7 Nov 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C8523326

# CENTERFIRE PATTERNS

# 5



# OF SHOTS- 10

# IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.196

VS= 2.069

GS= 2.718

CENTROID #

| PATTERN #                   |   | 5      |       |       |
|-----------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)             |   | 10     | 9     | 8     |
| MAXIMUM X                   |   | 1.030  | .901  | .793  |
| MINIMUM X                   |   | -1.166 | -.863 | -.372 |
| MAXIMUM Y                   |   | .848   | .712  | .519  |
| MINIMUM Y                   |   | -1.221 | -.859 | -.770 |
| CENTROID X                  |   | -.261  | -.132 | -.024 |
| CENTROID Y                  |   | -.163  | -.027 | -.116 |
| POA TO CENTROID in.         |   | .308   | .135  | .118  |
| MIN RADIUS                  |   | .110   | .264  | .346  |
| MEAN RADIUS                 |   | .697   | .578  | .511  |
| MAX RADIUS                  |   | 1.688  | 1.119 | .860  |
| HORIZONTAL SPREAD           |   | 2.196  | 1.764 | 1.165 |
| VERTICAL SPREAD             |   | 2.069  | 1.571 | 1.289 |
| EXTREME SPREAD              |   | 2.718  | 1.825 | 1.464 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9     |       |

# RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 94-18394

INITIAL FDC CUSTOMER ORDER NO. DAAA09-92-C-0834

W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT  
ATTN: FRED MARTIN

Scope # 90-0703

|                            |                         |           |                           |                   |                             |      |
|----------------------------|-------------------------|-----------|---------------------------|-------------------|-----------------------------|------|
| DATE RECEIVED<br>06/11/94  | DATE OPENED<br>06/11/94 | DATE CODE | SERIAL NUMBER<br>C6523326 | NEW SERIAL NUMBER | MODEL AND GRADE<br>700 7.62 | NATO |
| ACCESSORIES<br>SLING STRAP |                         | HARD CASE | SCOPE MNTS                | SCOPE BASE        |                             |      |

FROM:

SHIP TO:

COMMANDER (W52H094138H226)  
DEFENSE DIST DEPOT ANNISTON  
ATTN DDAA-UR BLDG 112  
ANNISTON AL 36201-5025

COMMANDER (W52H094138H226)  
DEFENSE DIST DEPOT ANNISTON  
ATTN DDAA-UR BLDG 112  
ANNISTON AL 36201-5025

CUST NO: 098397 C.O.D

|                |                    |                                |            |           |            |
|----------------|--------------------|--------------------------------|------------|-----------|------------|
| ACCOUNT NUMBER | ACCOUNT NUMBER N/C | WRITE <input type="checkbox"/> | PROM. DATE | ESTIMATED | VIA<br>FRT |
|----------------|--------------------|--------------------------------|------------|-----------|------------|

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 \$643.42  
 ✓ Stock 471.11  
 ✓ Trigger Assy 173.31  
 ✓ Firing pin Assy 9.96  
 ✓ Mag Box 2.06  
 ✓ Mag follower 6.12  
 ✓ Mag Spring 1.20  
 CTI 50.00  
 #1357.68

|           |       |       |            |              |         |
|-----------|-------|-------|------------|--------------|---------|
| REPAIRMAN | PROOF | CLEAN | TEST<br>WB | TARGET<br>WB | PATTERN |
|-----------|-------|-------|------------|--------------|---------|

|                |      |      |                 |                 |      |
|----------------|------|------|-----------------|-----------------|------|
| GALLERY TESTER | DATE | DATE | DATE<br>1/23/96 | DATE<br>1/23/96 | DATE |
|----------------|------|------|-----------------|-----------------|------|

OFFICE COPY

RD6925 REV. 1/84

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

M2400006144

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523326

DATE 11-7-95

TESTER DA

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------------------------------------------------------------------------|
| PULL #1 | 2.64             | 2.70                     | 2.54                           | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.51             | 2.75                     | 2.46                           |                                                                        |
| PULL #3 | 2.69             | 2.58                     | 2.47                           |                                                                        |
| PULL #4 | 2.62             | 2.59                     | 2.61                           |                                                                        |
| PULL #5 | 2.57             | 2.59                     | 2.47                           |                                                                        |
| TOTAL   | 13.03            | 13.21                    | 12.57                          |                                                                        |
| AVG.    | 2.60             | 2.64                     | 2.51                           |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES | COMMENTS |
|---------|------------------|--------------------------|----------|
| PULL #1 | 3.29             | 3.15                     |          |
| PULL #2 | 3.22             | 3.18                     |          |
| PULL #3 | 3.17             | 3.20                     |          |
| PULL #4 | 3.17             | 3.24                     |          |
| PULL #5 | 3.24             | 3.25                     |          |
| TOTAL   | 16.03            | 16.04                    |          |
| AVG.    | 3.20             | 3.20                     |          |

|         | 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 | 4.10             | 4.15                     |                                | 4.01                                 |
| PULL #2 | 4.16             | 4.20                     |                                | 4.22                                 |
| PULL #3 | 4.09             | 4.22                     |                                | 4.12                                 |
| PULL #4 | 4.16             | 4.18                     |                                | 4.03                                 |
| PULL #5 | 4.24             | 4.17                     |                                | 4.15                                 |
| TOTAL   | 20.75            | 20.92                    |                                | 20.53                                |
| AVG.    | 4.15             | 4.18                     |                                | 4.10                                 |

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523326

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

| op. #        | OP. NAME                                                    | READINGS |       |       |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------|----------|-------|-------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                          | 5 1/2    | 5 1/2 | 5 1/2 |      |      | 1/24/96 | WB   |
|              | G) Safety Off Force                                         | 3 1/2    | 3 1/2 | 3 3/4 |      |      | 1/24/96 | WB   |
|              | H) Trigger Pull Test & Retainability                        |          |       |       |      |      |         |      |
|              | I) Firing Pin Indent                                        | .020     | .0205 | .0205 |      |      | 1/24/96 | WB   |
|              | J) Assemble Stock                                           |          |       |       |      |      |         |      |
|              | 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                                       |          |       |       |      |      | 1/22/96 | WB   |
|              | A) Time                                                     |          |       |       |      |      |         |      |
|              | B) Malfunctions                                             |          |       |       |      |      |         |      |
|              | C) Pierced Primers                                          |          |       |       |      |      |         |      |
|              | D) Optical Clarity of Scope                                 |          |       |       |      |      |         |      |
| 645          | Inspect for Live Ammo                                       |          |       |       |      |      |         |      |
| 655          | Final Inspection                                            |          |       |       |      |      |         |      |
|              | A) Headspace                                                |          |       |       |      |      |         |      |
|              | B) Trigger Pull                                             | 2.46     | 2.47  | 2.40  | 2.55 | 2.49 | 1/24/96 | WB   |
|              | C) Function                                                 |          |       |       |      |      |         |      |
| 660          | Pack                                                        |          |       |       |      |      |         |      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06523326  
1 Jan 1900

CENTROIDAL DISTANCES

|        |         |
|--------|---------|
| 0 TO 1 | 1.14722 |
| 1 TO 2 | .740390 |
| 1 TO 3 | .575438 |
| 1 TO 4 | .249191 |
| 1 TO 5 | .267711 |

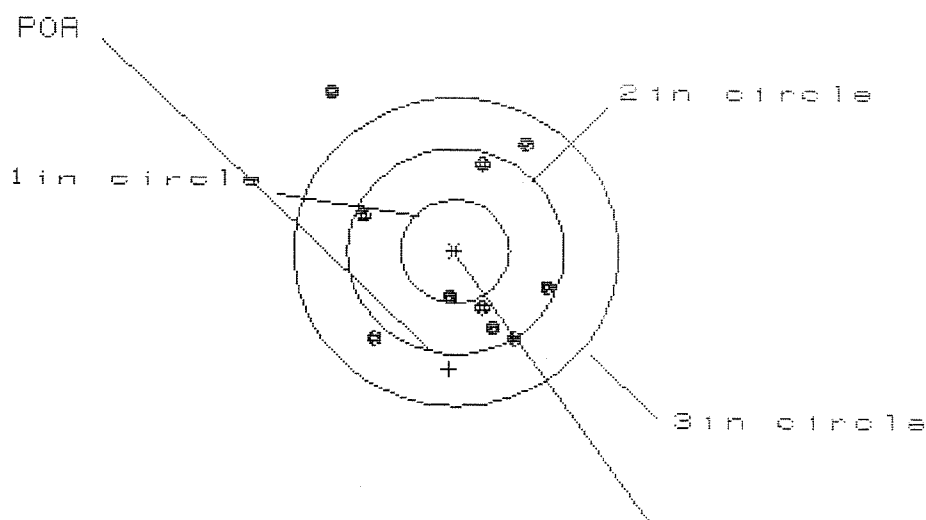
$\mu$   
+ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.077  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.1188  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.12145  
THE AMR FOR THIS RIFLE IS: .9474

1 Jan 1900

FILE:/PATTERNING/CENTERFIRE\_PATT/06523326

# CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1 in = 1

2 in = 7

3 in = 9

HS= 2.058

VS= 2.351

GS= 2.899

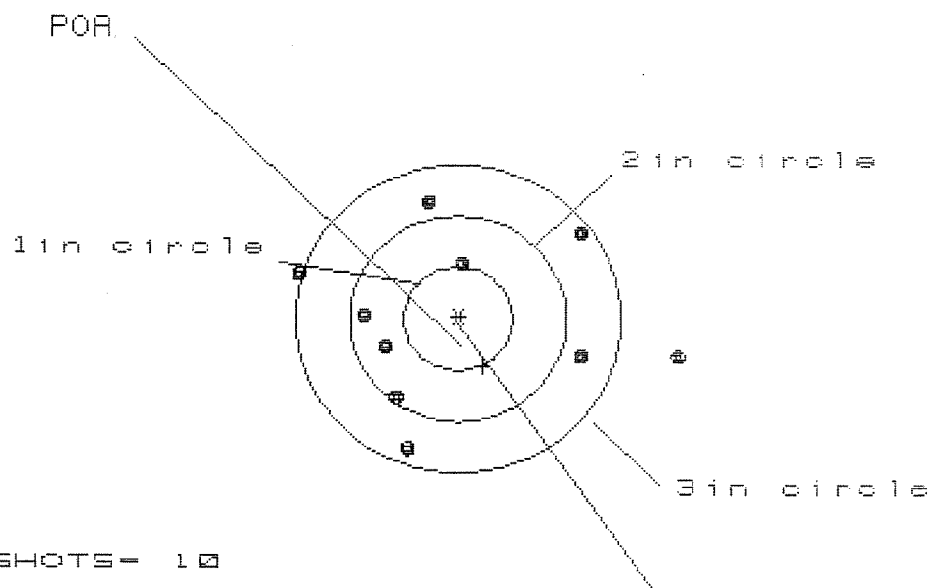
CENTROID #

| PATTERN #                   | : | 1      | 2     | 3     |
|-----------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | .868   | .736  | .801  |
| MINIMUM X                   | : | -1.190 | -.980 | -.915 |
| MAXIMUM Y                   | : | 1.531  | 1.177 | 1.141 |
| MINIMUM Y                   | : | -.820  | -.650 | -.503 |
| CENTROID X                  | : | .053   | .185  | .120  |
| CENTROID Y                  | : | 1.146  | .976  | .829  |
| POR TO CENTROID in.         | : | 1.147  | .994  | .838  |
| MIN RADIUS                  | : | .470   | .360  | .205  |
| MEAN RADIUS                 | : | .975   | .811  | .709  |
| MAX RADIUS                  | : | 1.939  | 1.287 | 1.150 |
| HORIZONTAL SPREAD           | : | 2.058  | 1.716 | 1.716 |
| VERTICAL SPREAD             | : | 2.351  | 1.827 | 1.644 |
| EXTREME SPREAD              | : | 2.899  | 2.293 | 1.894 |
| NUMBER IN ONE INCH CIRCLE = | : | 1      |       |       |

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C6523326

# CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 3.521

VS= 2.350

GS= 3.612

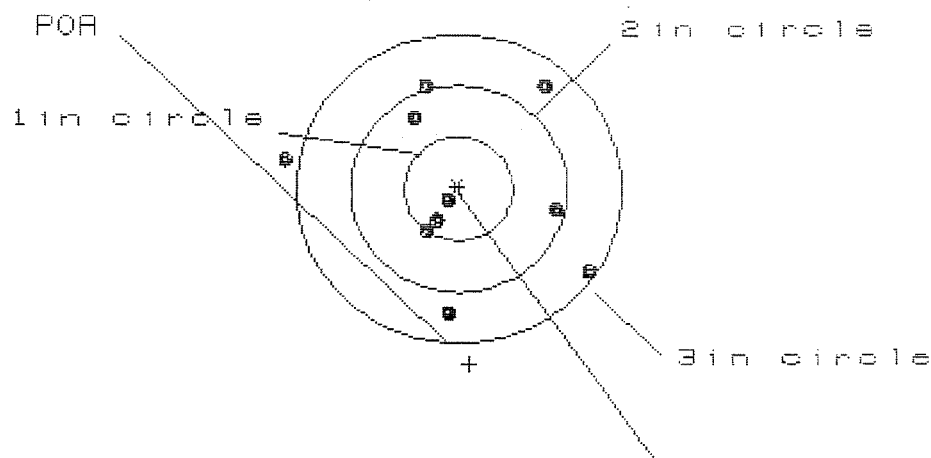
CENTROID #

| PATTERN #                     | 2      |        |        |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 2.067  | 1.366  | 1.213  |
| MINIMUM X                     | -1.454 | -1.225 | -.774  |
| MAXIMUM Y                     | 1.114  | 1.074  | 1.124  |
| MINIMUM Y                     | -1.236 | -1.276 | -1.226 |
| CENTROID X                    | -.228  | -.457  | -.304  |
| CENTROID Y                    | .461   | .501   | .451   |
| POA TO CENTROID in.           | .514   | .678   | .544   |
| MIN RADIUS                    | .508   | .516   | .530   |
| MEAN RADIUS                   | 1.167  | 1.019  | .995   |
| MAX RADIUS                    | 2.098  | 1.604  | 1.505  |
| HORIZONTAL SPREAD             | 3.521  | 2.591  | 1.987  |
| VERTICAL SPREAD               | 2.350  | 2.350  | 2.350  |
| EXTREME SPREAD                | 3.612  | 2.687  | 2.687  |
| NUMBER IN ONE INCH CIRCLE =   |        | 0      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 8      |        |

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/08583328

# CENTERFIRE PATTERNS # 3



# OF SHOTS= 10

# IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.742

VS= 2.235

GS= 2.974

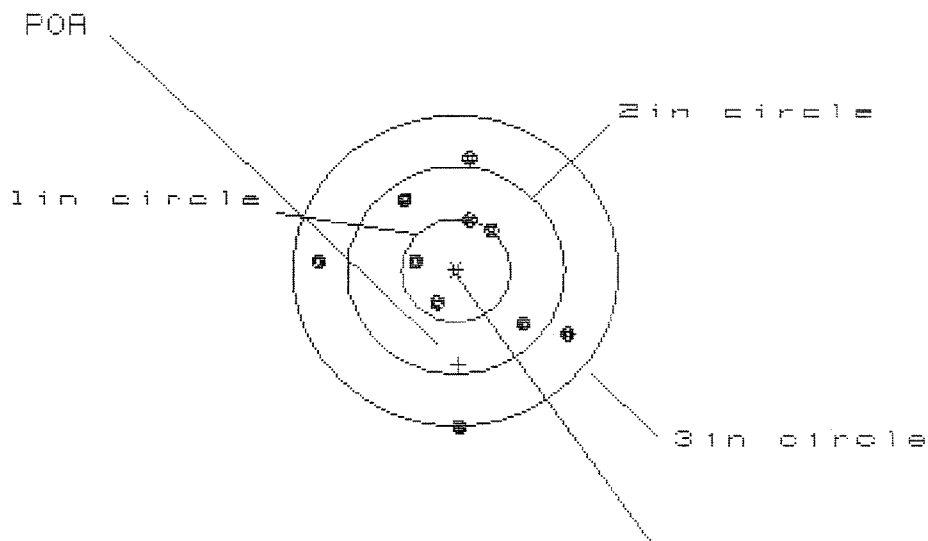
CENTROID \*

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 3      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.173  | .999   | .898   |
| MINIMUM X                   | : | -1.569 | -.538  | -.414  |
| MAXIMUM Y                   | : | 1.017  | 1.055  | .958   |
| MINIMUM Y                   | : | -1.218 | -1.180 | -1.277 |
| CENTROID X                  | : | -.099  | .075   | -.049  |
| CENTROID Y                  | : | 1.701  | 1.663  | 1.760  |
| POA TO CENTROID in.:        | : | 1.704  | 1.665  | 1.760  |
| MIN RADIUS                  | : | .158   | .316   | .231   |
| MEAN RADIUS                 | : | .227   | .270   | .220   |
| MAX RADIUS                  | : | 1.606  | 1.262  | 1.287  |
| HORIZONTAL SPREAD           | : | 2.742  | 1.537  | 1.312  |
| VERTICAL SPREAD             | : | 2.235  | 2.235  | 2.235  |
| EXTREME SPREAD              | : | 2.974  | 2.381  | 2.381  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C8529326

# CENTERFIRE PATTERNS # 4



# OF SHOTS- 10

# IN CIR

1 in = 3

2 in = 6

3 in = 10

HS= 2.273

VS= 2.527

GS= 2.532

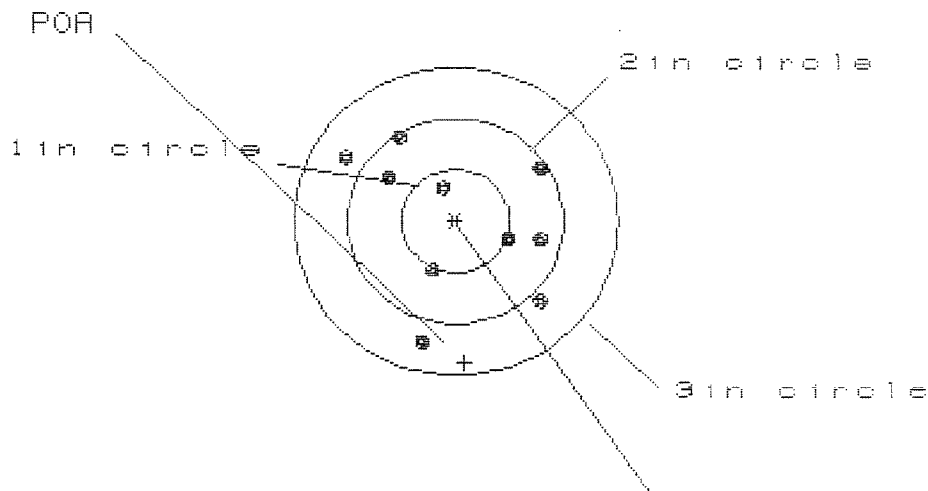
CENTROID #

| PATTERN #                   | : | 4      |        |       |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | .978   | .978   | .817  |
| MINIMUM X                   | : | -1.295 | -1.295 | -.586 |
| MAXIMUM Y                   | : | 1.057  | .893   | .890  |
| MINIMUM Y                   | : | -1.470 | -.769  | -.772 |
| CENTROID X                  | : | -.027  | -.027  | .134  |
| CENTROID Y                  | : | .910   | 1.074  | 1.077 |
| POA TO CENTROID in.         | : | .911   | 1.074  | 1.085 |
| MIN RADIUS                  | : | .313   | .353   | .243  |
| MEAN RADIUS                 | : | .829   | .735   | .660  |
| MAX RADIUS                  | : | 1.470  | 1.295  | 1.123 |
| HORIZONTAL SPREAD           | : | 2.273  | 2.273  | 1.402 |
| VERTICAL SPREAD             | : | 2.527  | 1.662  | 1.662 |
| EXTREME SPREAD              | : | 2.532  | 2.392  | 1.917 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |       |

1 Jan 1900

FILE:/PATTERNING/CENTERFIRE\_PATT/C8523326

# CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

CENTROID #

# IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.816

VS= 2.059

GS= 2.309

|                             |   |        |        |       |
|-----------------------------|---|--------|--------|-------|
| PATTERN #                   | : | 5      |        |       |
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | .825   | .793   | .665  |
| MINIMUM X                   | : | -.991  | -1.023 | -.808 |
| MAXIMUM Y                   | : | .862   | .729   | .791  |
| MINIMUM Y                   | : | -1.197 | -.926  | -.864 |
| CENTROID X                  | : | -.084  | -.052  | .076  |
| CENTROID Y                  | : | 1.376  | 1.509  | 1.447 |
| POA TO CENTROID in.         | : | 1.379  | 1.510  | 1.449 |
| MIN RADIUS                  | : | .339   | .253   | .360  |
| MEAN RADIUS                 | : | .839   | .784   | .732  |
| MAX RADIUS                  | : | 1.231  | 1.219  | 1.090 |
| HORIZONTAL SPREAD           | : | 1.816  | 1.816  | 1.473 |
| VERTICAL SPREAD             | : | 2.059  | 1.655  | 1.655 |
| EXTREME SPREAD              | : | 2.309  | 2.309  | 2.101 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |       |