

FORM

UPC



6665933

\*INCLUDES 1 IN CHAMBER

CAPACITY\*

BARREL LENGTH

MODEL 700 TM M24

ORDER NO.

5716

# Remington



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

MODEL 700 <sup>TM</sup> M24

SERIAL NO.

C6665933

ORDER NO.

5716

20

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



5716 C6665933

ORDER 5716

MODEL 700 <sup>TM</sup> M24

UPC

ORDER 5716

MODEL 700 <sup>TM</sup> M24

UPC



0 47700 25716 7



0 47700 25716 7

**GFM**

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

**C6665933**

| OP. #        | OP. NAME                                                       | READINGS | DATE       | INIT |
|--------------|----------------------------------------------------------------|----------|------------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   |          | 9/24/91    | KA   |
| 600          | Proof                                                          |          | 9/24/91    | KA   |
| 607          | Check Headspace                                                |          | 9/24/91    | KA   |
| 610          | Dis-assemble Gun                                               |          | 9/24/91    | KA   |
| 612          | Magnaflux Barrel<br>Action                                     |          | OCT 2 1991 | KR   |
|              | Magnaflux Bolt                                                 |          | OCT 2 1991 | KR   |
| 615          | Rollmark Caliber                                               |          | OCT 2 1991 | JS   |
| 617          | Drill and Tap Sight Holes                                      |          | OCT 2 1991 | LB   |
| 618          | Polish Barrel                                                  |          | OCT 4 1991 | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 10-14-91   | JA   |
|              | Apply Coating (Bolt)                                           |          | 10-14-91   | JA   |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 10/18/91   | KA   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 10/18/91   | KA   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 10/18/91   | KA   |
|              | D) Oil Firing Pin Ass'y                                        |          | 10/18/91   | KA   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 10/21/91   | JA   |

| op. #        | OP. NAME                                                    | READINGS |      |      |      |      | DATE     | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|------|------|----------|------|
| 625<br>cont. | F) Safety On Force                                          | 6        | 6    | 5    | 3    | 4    | 10-22-91 | DH   |
|              | G) Safety Off Force                                         | 2        | 2    | 2    |      |      | 10-22-91 | DH   |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |      |      | 10/21/91 | JL   |
|              | I) Firing Pin Indent                                        | 1020     | 1020 | 1021 |      |      | 10-22-91 | DH   |
|              | J) Assemble Stock                                           |          |      |      |      |      | 10/22/91 | YH   |
|              | K) Assemble Swivel Studs                                    |          |      |      |      |      | 10-30-91 | A    |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |      |      |      | 10/22/91 | YH   |
|              | M) Iron Sight Alignment                                     |          |      |      |      |      | 10/22/91 | YH   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |      |      |      | 10/22/91 | YH   |
|              | O) Attach Scope to Rifle                                    |          |      |      |      |      | 10/22/91 | YH   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |      |      |      | 10/22/91 | YH   |
| 640          | Gallery Target & Test                                       |          |      |      |      |      | 10-23-91 | AC   |
|              | A) Time                                                     |          |      |      |      |      | 10-23-91 | AC   |
|              | B) Malfunctions                                             |          |      |      |      |      | 10-23-91 | AC   |
|              | C) Pierced Primers                                          |          |      |      |      |      | 10-23-91 | AC   |
|              | D) Optical Clarity of Scope                                 |          |      |      |      |      | 10-23-91 | AC   |
| 645          | Inspect for Live Ammo                                       |          |      |      |      |      | 10-23-91 | AC   |
| 655          | Final Inspection                                            |          |      |      |      |      |          |      |
|              | A) Headspace                                                |          |      |      |      |      | 10-30-91 | AC   |
|              | B) Trigger Pull                                             | 2.49     | 2.51 | 2.54 | 2.64 | 2.52 | 10-23-91 | DH   |
|              | C) Function                                                 |          |      |      |      |      | 10-30-91 | AC   |
| 660          | Pack                                                        |          |      |      |      |      | 12-18-91 | N    |

SWS TRIGGER PULL TESTAVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665933DATE 10/21/91TESTER JR

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |     | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-----|------------------------------------------------------------------------|
| PULL #1 | 2.26             | 2.38                     | 2.30                           | 249 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.26             | 2.31                     | 2.36                           | 251 |                                                                        |
| PULL #3 | 2.35             | 2.49                     | 2.39                           | 254 |                                                                        |
| PULL #4 | 2.25             | 2.42                     | 2.42                           | 264 |                                                                        |
| PULL #5 | 2.32             | 2.28                     | 2.40                           | 252 |                                                                        |
| TOTAL   |                  |                          |                                |     |                                                                        |
| AVG.    |                  |                          |                                |     |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.38             | 3.20                     |  |          |
| PULL #2 | 3.45             | 3.50                     |  |          |
| PULL #3 | 3.39             | 3.42                     |  |          |
| PULL #4 | 3.50             | 3.47                     |  |          |
| PULL #5 | 3.44             | 3.47                     |  |          |
| 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 | 4.34             | 4.27                     |                                | 4.19                                 |
| PULL #2 | 4.36             | 4.29                     |                                | 4.30                                 |
| PULL #3 | 4.26             | 4.19                     |                                | 4.19                                 |
| PULL #4 | 4.33             | 4.30                     |                                | 4.21                                 |
| PULL #5 | 4.20             | 4.27                     |                                | 4.24                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6665933  
24 Oct 1991

CENTROIDAL DISTANCES

|      |   |          |
|------|---|----------|
| 0 TO | 1 | .0718471 |
| 1 TO | 2 | .58832   |
| 1 TO | 3 | .0906091 |
| 1 TO | 4 | .0636318 |
| 1 TO | 5 | .243195  |

54  
2 <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0954  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.047  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .106049  
THE AMR FOR THIS RIFLE IS: .9388

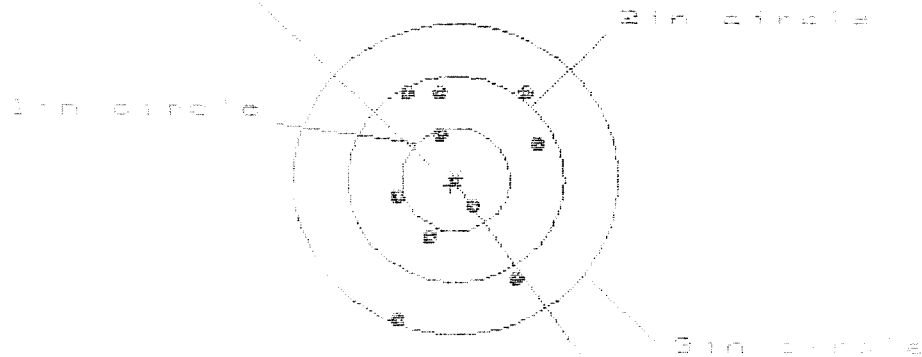
24 Oct 1991

FILE: \PATTERNING\CENTERFIRE\_PATT-08865833

# CENTERFIRE PATTERNS

# 1

FOR



# OF SHOTS = 10

# IN CIR

1in = 2

2in = 7

3in = 10

MEAN = 2.212

SE = 2.165

SEM = 2.474

CENTER = 0

WALKER #

:

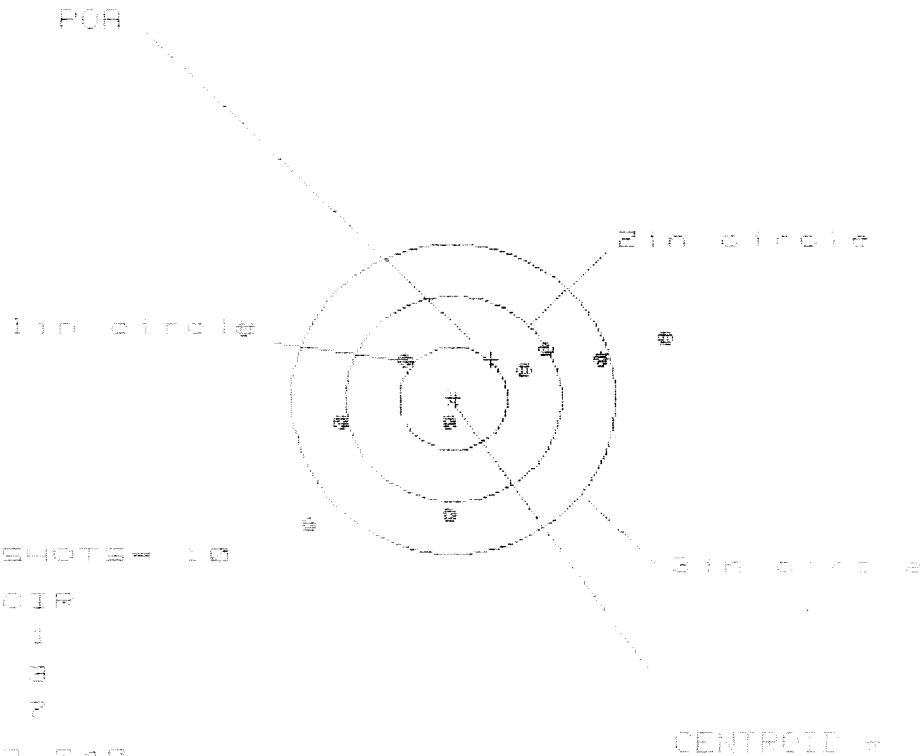
11

|                      |   |                 |        |       |
|----------------------|---|-----------------|--------|-------|
| WALKER (BEST OF)     | : | 10              | 9      | 8     |
| WALKER %             | : | .743            | .680   | .738  |
| WALKER %             | : | -.569           | -.559  | -.581 |
| WALKER %             | : | .840            | .691   | .751  |
| WALKER %             | : | -1.346          | -1.117 | -.912 |
| WALKER %             | : | .041            | .104   | .046  |
| WALKER %             | : | .059            | .208   | .348  |
| WALKER (CIRCLED) min | : | .072            | .233   | .351  |
| WALKER %             | : | .267            | .327   | .188  |
| WALKER %             | : | .797            | .711   | .626  |
| WALKER %             | : | 1.461           | 1.210  | .883  |
| WALKER %             | : | 1.312           | 1.239  | 1.239 |
| WALKER %             | : | 2.136           | 1.808  | 1.763 |
| WALKER %             | : | 2.474           | 2.040  | 1.623 |
| WALKER %             | : | WALKER CIRCLE = | 2      |       |
| WALKER %             | : | WALKER CIRCLE = | 7      |       |
| WALKER %             | : | WALKER CIRCLE = | 10     |       |

24 Oct 1983

FILE:/PATTERNING/CENTERFIRE\_PATT/08895083

# CENTERFIRE PATTERNS # 2



# OF SHOTS = 10

# IN CIR

1in = 1

2in = 3

3in = 7

RG1 = 3.949

RG2 = 1.962

RG3 = 3.949

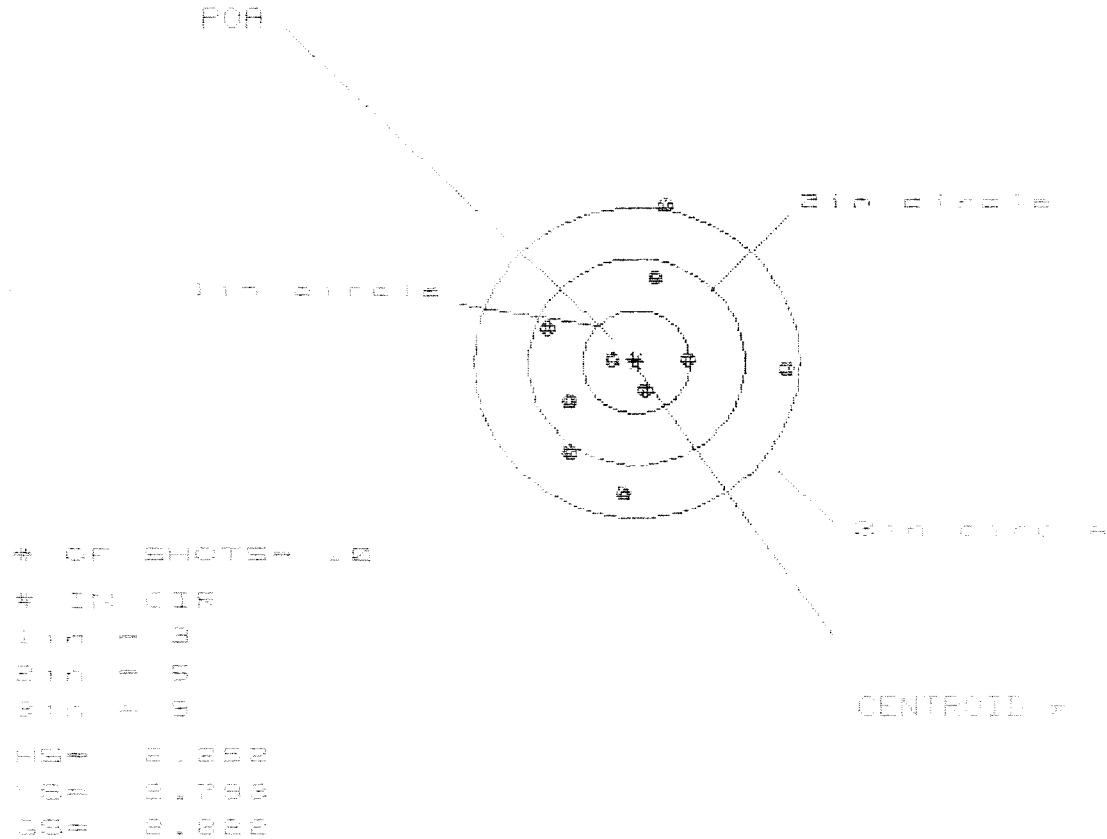
CENTROID =

|                      |   |        |        |        |
|----------------------|---|--------|--------|--------|
| PATTERN #            | : | 2      |        |        |
| SAMPLES (BEST OF)    | : | 10     | 9      | 8      |
| MAXIMUM X            | : | 1.965  | 1.745  | 1.355  |
| MINIMUM X            | : | -1.983 | -1.537 | -1.319 |
| MAXIMUM Y            | : | 1.539  | 1.646  | 1.684  |
| MINIMUM Y            | : | -1.263 | -1.192 | -1.111 |
| CENTROID X           | : | -1.354 | -1.134 | -1.352 |
| CENTROID Y           | : | -1.377 | -1.448 | -1.529 |
| 1 INCH CENTROID INCH | : | 1.518  | 1.468  | 1.536  |
| 2 INCH RADIUS        | : | 1.242  | 1.301  | 1.094  |
| 3 INCH RADIUS        | : | 1.284  | 1.098  | 1.976  |
| 4 INCH RADIUS        | : | 2.083  | 1.945  | 1.724  |
| 5 INCH SPREAD        | : | 3.948  | 3.282  | 2.671  |
| 6 INCH SPREAD        | : | 1.962  | 1.838  | 1.775  |
| 7 INCH SPREAD        | : | 3.949  | 3.762  | 3.157  |
| ONE INCH CIRCLE      | = |        | 1      |        |
| TWO INCH CIRCLE      | = |        | 3      |        |
| THREE INCH CIRCLE    | = |        | 7      |        |

24 Oct 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/08865933

# CENTERFIRE PATTERNS # 3



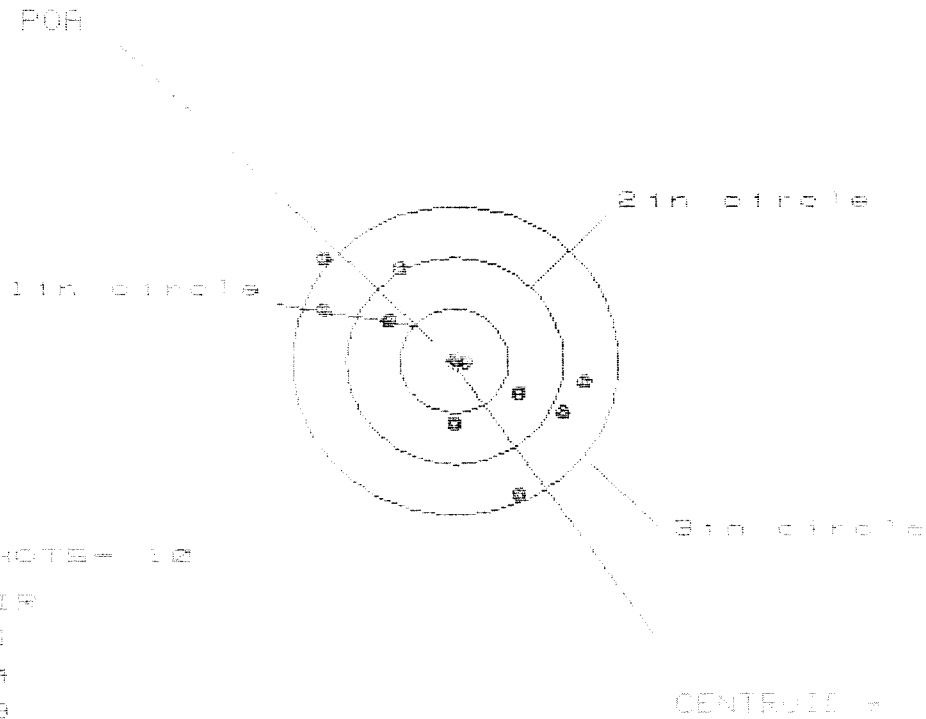
|                     |   |        |        |        |
|---------------------|---|--------|--------|--------|
| PATTERN #           | : | 3      |        |        |
| SHOTS - BEST OF     | : | 10     | 9      | 8      |
| MAXIMUM X           | : | 1.417  | 1.450  | .645   |
| MINIMUM X           | : | -.835  | -.802  | -.621  |
| MAXIMUM Y           | : | 1.568  | 1.640  | 1.055  |
| MINIMUM Y           | : | -1.225 | -1.051 | -1.006 |
| CENTROID X          | : | .924   | -.609  | -.190  |
| CENTROID Y          | : | -.038  | -.284  | -.219  |
| MAX TO CENTROID IN. | : | .938   | .284   | .296   |
| MAX RADIUS          | : | .209   | .128   | .207   |
| MIN RADIUS          | : | .875   | .771   | .673   |
| SPREAD              | : | 1.595  | 1.455  | 1.132  |
| SPREAD              | : | 2.252  | 2.252  | 1.266  |
| SPREAD              | : | 2.793  | 2.091  | 2.091  |
| SPREAD              | : | 2.822  | 2.287  | 2.113  |
| ONE INCH CIRCLE =   | : | 3      |        |        |
| TWO INCH CIRCLE =   | : | 6      |        |        |
| THREE INCH CIRCLE = | : | 9      |        |        |

24 Oct 1981

FILE:/PATTERNING/CENTERFIRE\_PATT/08885833

# CENTERFIRE PATTERNS

# 4



# OF SHOTS- 12

# IN CIR

1in = 1

2in = 4

3in = 9

HS# 2.414

VS# 2.316

GS# 2.879

PATTERN #

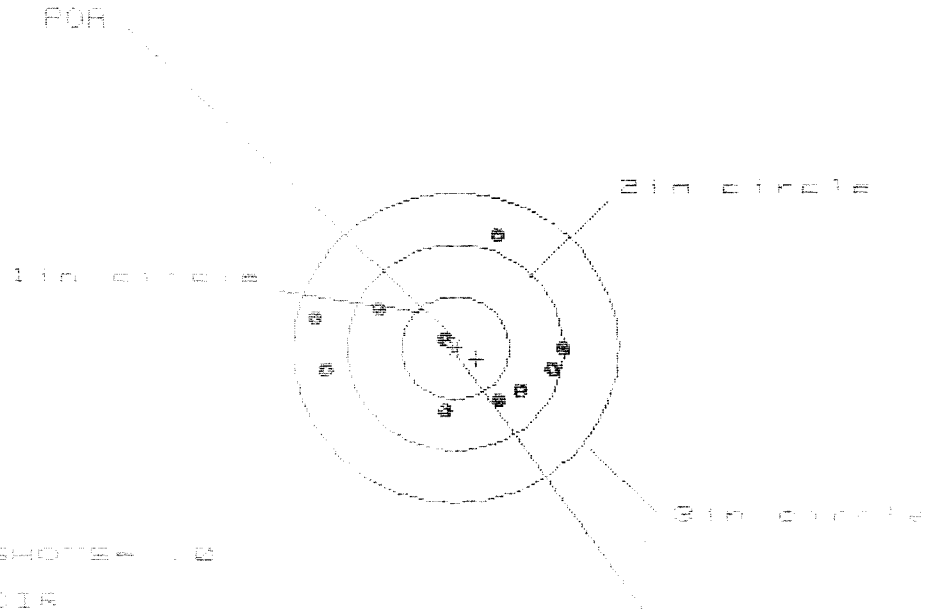
4

|                 |   |        |        |        |
|-----------------|---|--------|--------|--------|
| SHOT: BEST OF   | : | 10     | 9      | 8      |
| MAXIMUM X       | : | 1.237  | 1.107  | 1.159  |
| MINIMUM X       | : | -1.177 | -1.307 | -1.255 |
| MAXIMUM Y       | : | 1.022  | .990   | .842   |
| MINIMUM Y       | : | -1.294 | -1.180 | -1.034 |
| CENTROID X      | : | .009   | .139   | .087   |
| CENTROID Y      | : | .004   | -.110  | .037   |
| CENTROID DIST   | : | .009   | .177   | .096   |
| CENTROID        | : | .122   | .153   | .086   |
| SPREAD          | : | .974   | .850   | .837   |
| SPREAD          | : | 1.553  | 1.400  | 1.350  |
| SPREAD          | : | 2.414  | 2.414  | 2.414  |
| SPREAD          | : | 2.316  | 2.170  | 1.977  |
| SPREAD          | : | 2.879  | 2.513  | 2.513  |
| VE 1INCH CIRCLE | = | 1      |        |        |
| VE 2INCH CIRCLE | = | 4      |        |        |
| VE 3INCH CIRCLE | = | 9      |        |        |

24 Oct 1991

FILE: PATTERNING/CENTERFIRE\_PATT/08665953

# CENTERFIRE PATTERNS # 5



# OF SHOTS = 18

# IN CIR

1in = 1

2in = 6

3in = 18

MEAN = 2.254

SD = 1.613

SE = 2.254

CENTERFIRE

PATTERN #

5

|                 |        |        |        |
|-----------------|--------|--------|--------|
| shots - each of | 18     | 9      | 6      |
| 1st group       | 1.013  | 1.873  | 1.704  |
| 2nd group       | -1.254 | -1.354 | -1.354 |
| 3rd group       | 1.644  | 1.081  | 1.081  |
| 4th group       | -1.569 | -1.542 | -1.556 |
| 5th group       | -1.197 | -1.057 | 1.112  |
| 6th group       | 1.109  | 1.072  | 1.096  |
| 7th group       | 1.225  | 1.092  | 1.148  |
| 8th group       | 1.157  | 1.277  | 1.413  |
| 9th group       | 1.944  | 1.778  | 1.688  |
| 10th group      | 1.248  | 1.368  | 1.023  |
| 11th group      | 1.267  | 2.227  | 1.672  |
| 12th group      | 1.613  | 1.613  | 1.613  |
| 13th group      | 2.254  | 2.238  | 1.731  |
| 14th group      | 1      | 1      | 1      |
| 15th group      | 6      | 6      | 6      |
| 16th group      | 10     | 10     | 10     |