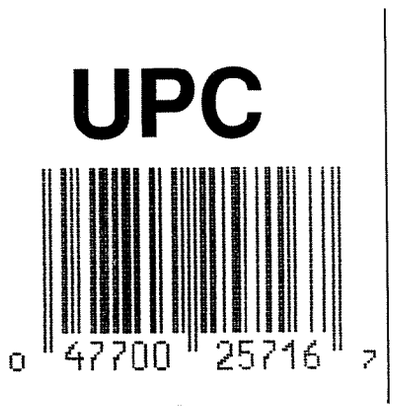
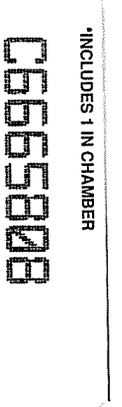

UPC
0 47700 25716 7


C6658O8
*INCLUDES 1 IN CHAMBER

ORDER NO. 5716

BARREL LENGTH

CAPACITY*

MODEL 700 TM M24

Remington®

DUPONT REG. U.S. PAT. & TM. OFF

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

MODEL 700 TM M24

SERIAL NO. C6665808

ORDER NO. 5716

20

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

5716 C6665808

ORDER 5716

MODEL 700 TM M24

UPC

0 47700 25716 7

ORDER 5716

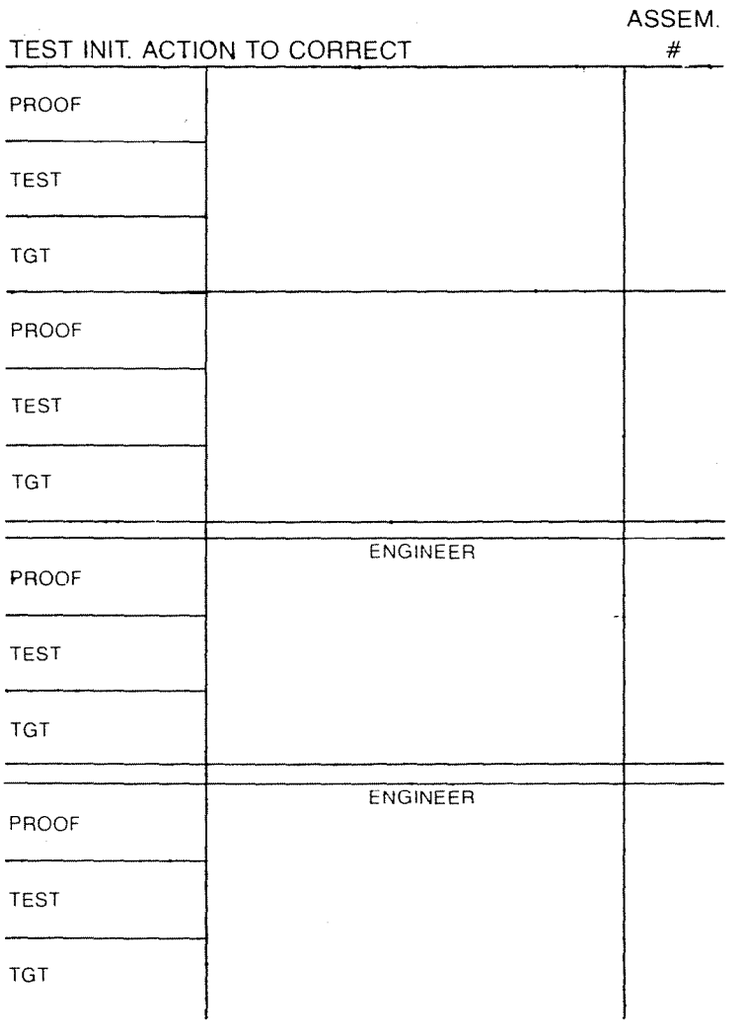
MODEL 700 TM M24

UPC

0 47700 25716 7

MOD. _____ GA. _____ CAL. _____ GUN # 5808

| # TEST | DATE | MALFUNCTION/DEFECT | ASSEM. # |
|---|---|---|---|
| | 1st | | |
| NF | 10/15 | Safe Hangs up | KS |
| | 2nd | | |
| | 10/15/91 | Repaired | KS |
| | 3rd | | |
| | | | |
| | 4th | | |
| | | FUNCTION RD 6654 | Rev 1 |


TEST INIT. ACTION TO CORRECT
ASSEM. #
PROOF
TEST
TGT
PROOF
TEST
TGT
ENGINEER
PROOF
TEST
TGT
ENGINEER
PROOF
TEST
TGT

M-24

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665808

| OP. # | OP. NAME | READINGS | DATE | INIT |
|---|---|---|---|---|
| 575 & 580 | Assemble Action and Stock | | 9/23/91 | |
| 600 | Proof | | 9/23/91 | |
| 607 | Check Headspace | | 9/23/91 | |
| 610 | Dis-assemble Gun | | 9/23/91 | |
| 612 | Magnaflux Barrel Action | | SEP 3 0 1991 | KR |
| | Magnaflux Bolt | | SEP 3 0 1991 | KR |
| 615 | Rollmark Caliber | | SEP 3 0 1991 | |
| 617 | Drill and Tap Sight Holes | | SEP 3 0 1991 | |
| 618 | Polish Barrel | | OCT 2 1991 | |
| 620 | Apply Coatings (Barrel Action) | | 11-2-91 | |
| | Apply Coating (Bolt) | | | |
| 625 | Final Assembly A) Clean inside of Bolt Assembly | | 10/8/91 | |
| | B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head | | 10/8/91 | |
| | C) Inspect Ejector Hole for Chamfer | | 10/8/91 | |
| | D) Oil Firing Pin Ass'y | | 10/8/91 | |
| | E) Adjust Trigger Pull to Min Setting and Stake | | 10/9/91 | |

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| op. # | OP. NAME | READINGS | | | | | DATE | INIT |
|---|---|---|---|---|---|---|---|---|
| 625 cont. | F) Safety On Force | 6 | 6 | 6 | | | 10/14/91 | |
| | G) Safety Off Force | 4 | 4 | 4 | | | 10/14/91 | |
| | H) Trigger Pull Test & Retainability | | | | | | 10/9/91 | |
| | I) Firing Pin Indent | .0215 | .021 | .021 | | | 10/14/91 | |
| | J) Assemble Stock | | | | | | 10/14/91 | |
| | K) Assemble Swivel Studs | | | | | | 10-18-91 | AC |
| | L) Attach Front and Rear Sight Assemblies | | | | | | 10/14/91 | |
| | M) Iron Sight Alignment | | | | | | 10/14/91 | |
| | N) Detach Front & Rear Sights & place in numbered container | | | | | | 10/14/91 | |
| | O) Attach Scope to Rifle | | | | | | 10/14/91 | |
| | P) Detach & Attach Scope 20 Times | | | | | | 10/14/91 | |
| 640 | Gallery Target & Test | | | | | | 10-15-91 | |
| | A) Time | | | | | | " | |
| | B) Malfunctions | | | | | | " | |
| | C) Pierced Primers | | | | | | " | |
| | D) Optical Clearity of Scope | | | | | | " | |
| 645 | Inspect for Live Ammo | | | | | | 10-15-91 | |
| 655 | Final Inspection A) Headspace | | | | | | 10-18-91 | AC |
| | B) Trigger Pull | 2.50 | 2.50 | 2.51 | 2.50 | 2.51 | 10-16-91 | |
| | C) Function | | | | | | 10-18-91 | AC |
| 660 | Pack | | | | | | 12-17-91 | |

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# SWS TRIGGER PULL TEST

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

SERIAL NO. C-6665808

DATE 10/9/91

TESTER JM

| | 2.50# INITIAL | 2.50# AFTER 50 CYCLES | FINAL TEST & TO RESET 2.50# | | COMMENTS |
|---|---|---|---|---|---|
| PULL #1 | 2.60 | 2.41 | 2.45 | 2.50 | MIN. SETTING, |
| PULL #2 | 2.34 | 2.43 | 2.41 | 2.50 | NO AVG. OF 5 |
| PULL #3 | 2.67 | 2.43 | 2.48 | 2.51 | READINGS ACCEPT- |
| PULL #4 | 2.44 | 2.44 | 2.46 | 2.50 | ABLE LESS THAN 2# |
| PULL #5 | 2.39 | 2.41 | 2.40 | 2.51 | |
| TOTAL | | | | | |
| AVG. | | | | | |

| | 3.00# INITIAL | 3.00# AFTER 20 CYCLES | | COMMENTS |
|---|---|---|---|---|
| PULL #1 | 3.57 | 3.60 | | |
| PULL #2 | 3.51 | 3.69 | | |
| PULL #3 | 3.23 | 3.65 | | |
| PULL #4 | 3.58 | 3.63 | | |
| PULL #5 | 3.57 | 3.64 | | |
| TOTAL | | | | |
| AVG. | | | | |

| | 4.00# INITIAL | 4.00# AFTER 20 CYCLES | MAX SETTING GREATER THAN 4# | RESET TO 4# FOR TARGET & ACCURACY |
|---|---|---|---|---|
| PULL #1 | 4.28 | 4.46 | | 4.63 |
| PULL #2 | 4.52 | 4.57 | | 4.57 |
| PULL #3 | 4.52 | 4.39 | | 4.48 |
| PULL #4 | 4.45 | 4.25 | | 4.50 |
| PULL #5 | 4.24 | 4.60 | | 4.53 |
| TOTAL | | | | |
| AVG. | | | | |

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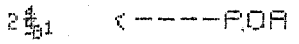
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665808
15 Oct 1991

## CENTROIDAL DISTANCES

| | | | |
|---|---|---|---|
| 0 | TO | 1 | .345411 |
| 1 | TO | 2 | .643472 |
| 1 | TO | 3 | .203679 |
| 1 | TO | 4 | .417162 |
| 1 | TO | 5 | .319077 |

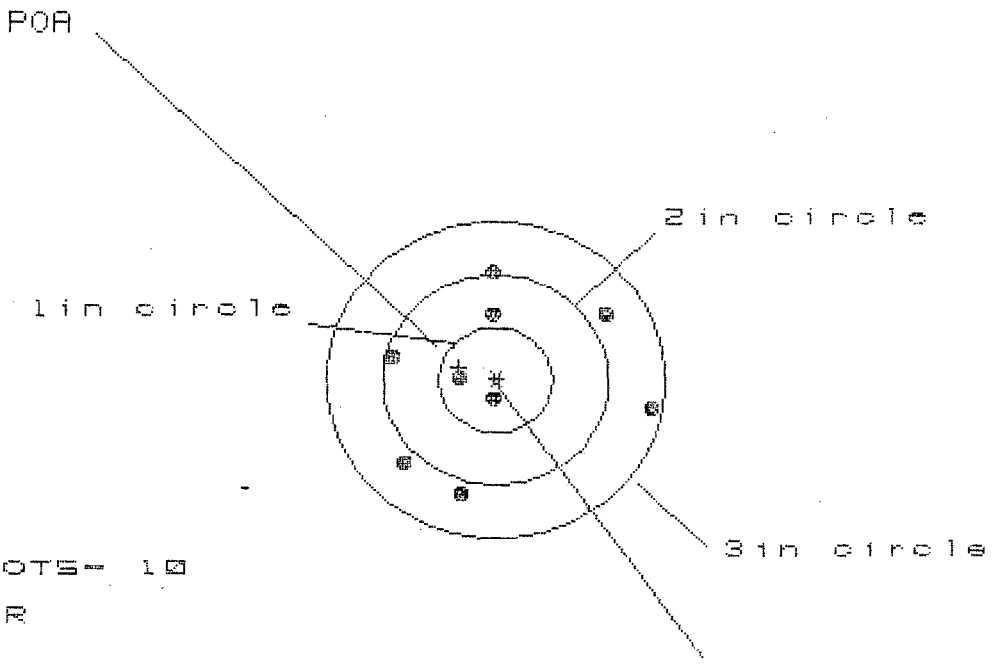



THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0306
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.067
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .073657

THE AMR FOR THIS RIFLE IS: .8462

15 Oct 1991 FILE:/PATTERNING/CENTERFIRE_PATT/CS665808

CENTERFIRE PATTERNS # 1




# OF SHOTS= 10

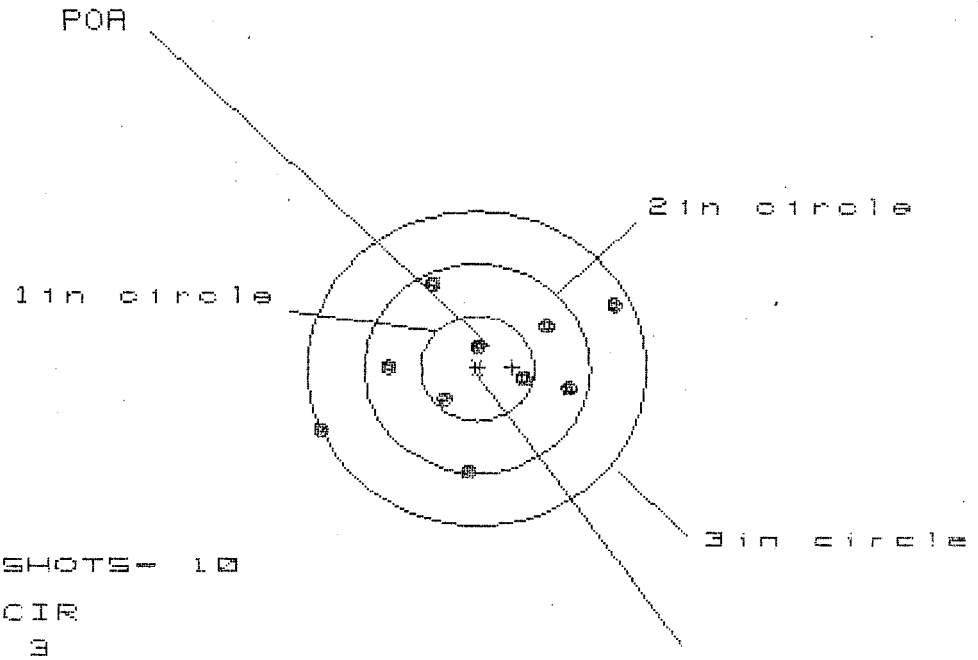
# IN CIR
1in = 3
2in = 5
3in = 10

HS= 2.272
VS= 2.106
GS= 2.340

| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 1 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.398 | 1.126 | 1.038 |
| MINIMUM X | : | -.874 | -.719 | -.807 |
| MAXIMUM Y | : | 1.007 | .972 | .871 |
| MINIMUM Y | : | -1.099 | -1.134 | -1.236 |
| CENTROID X | : | .322 | .167 | .255 |
| CENTROID Y | : | -.125 | -.090 | .011 |
| POA TO CENTROID in. | : | .346 | .189 | .255 |
| MIN RADIUS | : | .132 | .144 | .245 |
| MEAN RADIUS | : | .796 | .710 | .669 |
| MAX RADIUS | : | 1.434 | 1.257 | 1.264 |
| HORIZONTAL SPREAD | : | 2.272 | 1.845 | 1.845 |
| VERTICAL SPREAD | : | 2.106 | 2.106 | 2.106 |
| EXTREME SPREAD | : | 2.340 | 2.283 | 2.136 |
| NUMBER IN ONE INCH CIRCLE | = | | 3 | |
| NUMBER IN TWO INCH CIRCLE | = | | 5 | |
| NUMBER IN THREE INCH CIRCLE | = | | 10 | |

15 Oct 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6665808

CENTERFIRE PATTERNS # 2




# OF SHOTS= 10

# IN CIR
1in = 3
2in = 8
3in = 9

HS= 2.574
VS= 1.705
GS= 2.858

| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 2 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.173 | 1.017 | .743 |
| MINIMUM X | : | -1.401 | -.911 | -.784 |
| MAXIMUM Y | : | .769 | .701 | .772 |
| MINIMUM Y | : | -.936 | -1.004 | -.933 |
| CENTROID X | : | -.312 | -.156 | -.283 |
| CENTROID Y | : | -.015 | .053 | -.018 |
| POA TO CENTROID in. | : | .312 | .165 | .284 |
| MIN RADIUS | : | .242 | .218 | .244 |
| MEAN RADIUS | : | .800 | .701 | .641 |
| MAX RADIUS | : | 1.528 | 1.164 | .942 |
| HORIZONTAL SPREAD | : | 2.574 | 1.928 | 1.527 |
| VERTICAL SPREAD | : | 1.705 | 1.705 | 1.705 |
| EXTREME SPREAD | : | 2.858 | 2.032 | 1.731 |
| NUMBER IN ONE INCH CIRCLE | = | | 3 | |
| NUMBER IN TWO INCH CIRCLE | = | | 8 | |
| NUMBER IN THREE INCH CIRCLE | = | | 9 | |

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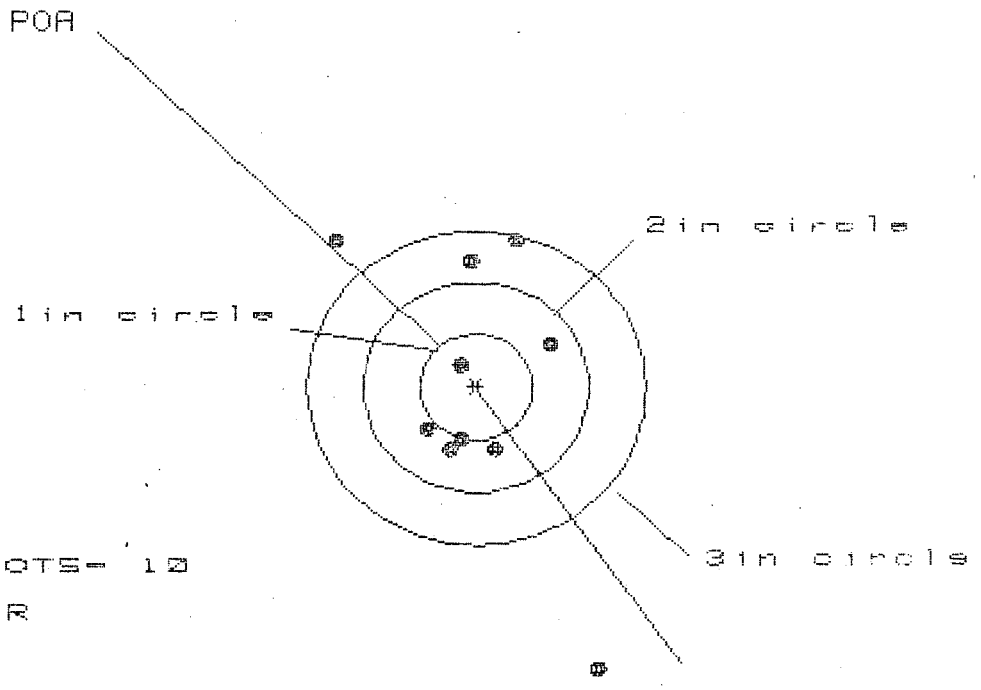
CENTERFIRE PATTERNS # 3

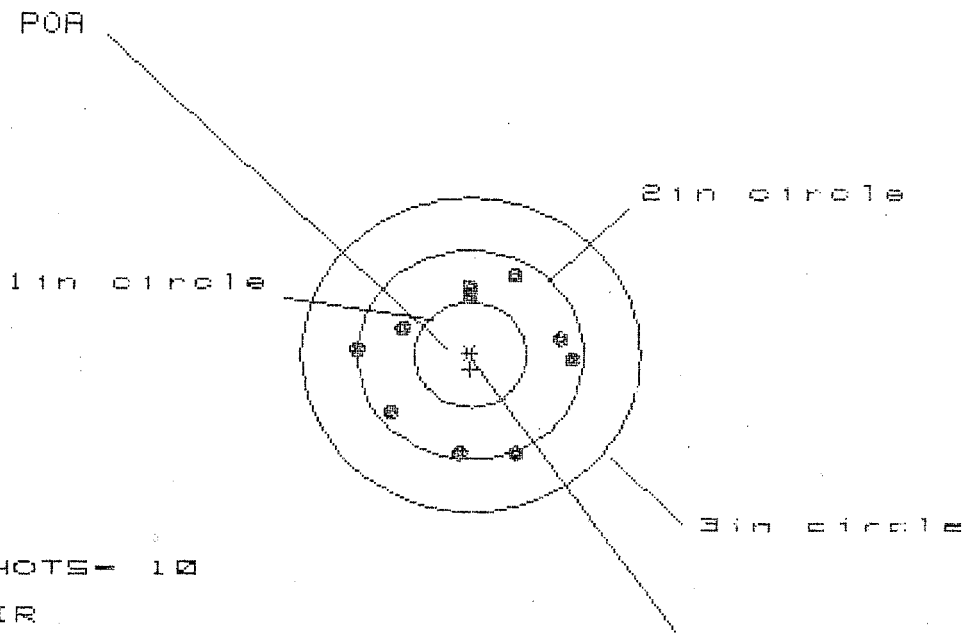



* OF SHOTS= 10
# IN CIR
1in = 2
2in = 6
3in = 8
HS= 2.293
VS= 4.081
GS= 4.644

| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 3 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.049 | .739 | .598 |
| MINIMUM X | : | -1.244 | -1.128 | -.441 |
| MAXIMUM Y | : | 1.435 | 1.141 | 1.279 |
| MINIMUM Y | : | -2.646 | -.893 | -.755 |
| CENTROID X | : | .136 | .020 | .161 |
| CENTROID Y | : | -.208 | .086 | -.052 |
| POA TO CENTROID in. | : | .249 | .088 | .169 |
| MIN RADIUS | : | .244 | .115 | .185 |
| MEAN RADIUS | : | 1.066 | .876 | .758 |
| MAX RADIUS | : | 2.846 | 1.574 | 1.314 |
| HORIZONTAL SPREAD | : | 2.293 | 1.867 | 1.039 |
| VERTICAL SPREAD | : | 4.081 | 2.034 | 2.034 |
| EXTREME SPREAD | : | 4.644 | 2.425 | 2.089 |
| NUMBER IN ONE INCH CIRCLE | = | | 2 | |
| NUMBER IN TWO INCH CIRCLE | = | | 6 | |
| NUMBER IN THREE INCH CIRCLE | = | | 8 | |

15 Oct 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6665808

CENTERFIRE PATTERNS # 4




# OF SHOTS= 10

# IN CIR
1in = 0
2in = 8
3in = 10

HS= 1.942
VS= 1.689
GS= 1.949

PATTERN # : 4

| | | | |
|---|---|---|---|
| SHOTS (BEST OF) : | 10 | 9 | 8 |
| MAXIMUM X : | .917 | .803 | .840 |
| MINIMUM X : | -1.025 | -.829 | -.792 |
| MAXIMUM Y : | .747 | .758 | .642 |
| MINIMUM Y : | -.942 | -.931 | -1.045 |
| CENTROID X : | .004 | .118 | .081 |
| CENTROID Y : | .145 | .134 | .250 |
| POA TO CENTROID in.: | .145 | .178 | .263 |
| MIN RADIUS : | .600 | .625 | .504 |
| MEAN RADIUS : | .829 | .802 | .756 |
| MAX RADIUS : | 1.030 | .981 | 1.066 |
| HORIZONTAL SPREAD : | 1.942 | 1.632 | 1.632 |
| VERTICAL SPREAD : | 1.689 | 1.689 | 1.687 |
| EXTREME SPREAD : | 1.949 | 1.770 | 1.770 |

NUMBER IN ONE INCH CIRCLE = 0
NUMBER IN TWO INCH CIRCLE = 8
NUMBER IN THREE INCH CIRCLE = 10

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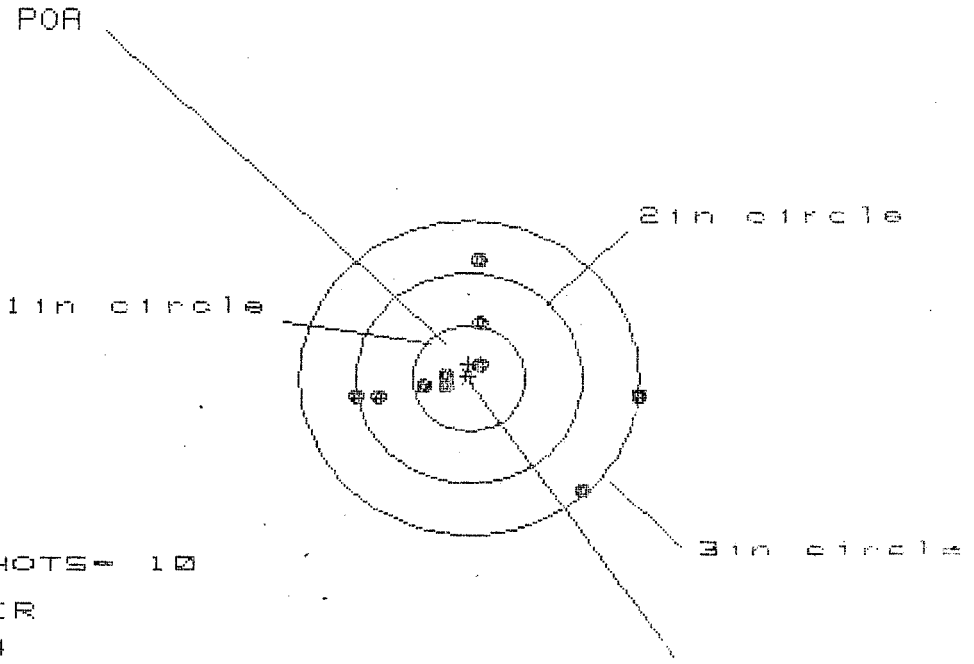
# CENTERFIRE PATTERNS # 5




* OF SHOTS= 10
\# IN CIR
1in = 4
2in = 6
3in = 10
HS= 2.514
VS= 2.155
GS= 2.514

| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 5 | | |
| SHOTS (BEST OF). | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.474 | 1.126 | .443 |
| MINIMUM X | : | -1.040 | -.877 | -.736 |
| MAXIMUM Y | : | 1.099 | 1.076 | .941 |
| MINIMUM Y | : | -1.056 | -1.079 | -.348 |
| CENTROID X | : | .003 | -.160 | -.301 |
| CENTROID Y | : | -.132 | -.109 | .026 |
| POA TO CENTROID in. | : | .132 | .194 | .302 |
| MIN RADIUS | : | .103 | .059 | .174 |
| MEAN RADIUS | : | .740 | .605 | .495 |
| MAX RADIUS | : | 1.488 | 1.560 | 1.014 |
| HORIZONTAL SPREAD | : | 2.514 | 2.003 | 1.179 |
| VERTICAL SPREAD | : | 2.155 | 2.155 | 1.289 |
| EXTREME SPREAD | : | 2.514 | 2.332 | 1.703 |
| NUMBER IN ONE INCH CIRCLE | = | | 4 | |
| NUMBER IN TWO INCH CIRCLE | = | | 6 | |
| NUMBER IN THREE INCH CIRCLE | = | | 10 | |