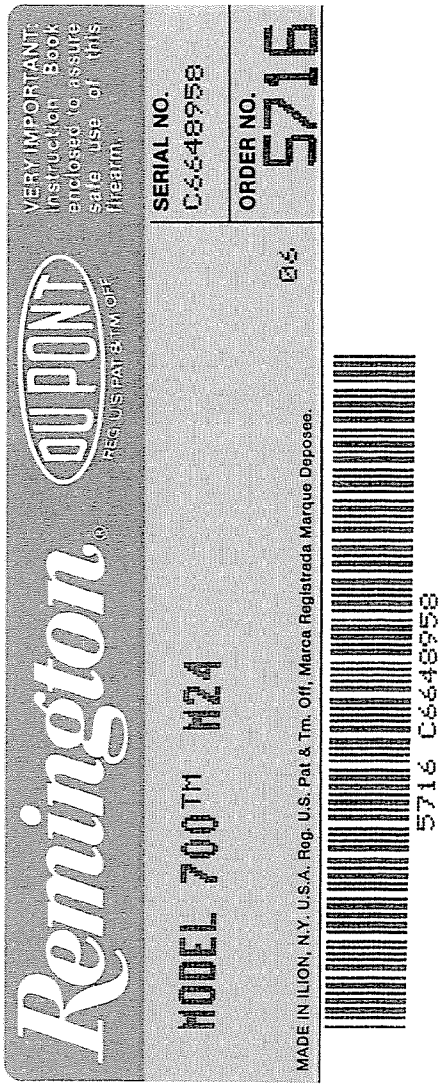
C6648958

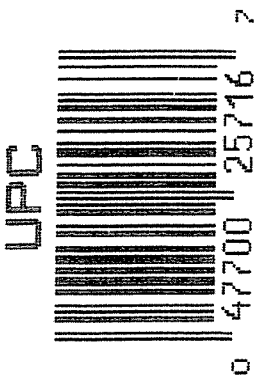
MODEL 700™ M24

| | |
|---|---|
| Model | 5HG™ |
| Action | |
| Barrel Length | |
| Capacity | |
| Order No. | 5716 |

*Includes 1 in chamber.

Remington®


Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700TH M24
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
SERIAL NO.
C6648958
ORDER NO.
5716
5716 C6648958


UPC
0 47700 25716 7

M-24

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6648958

| OP. # | OP. NAME | READINGS | DATE | INIT |
|---|---|---|---|---|
| 575 & 580 | Assemble Action and Stock | | 7/24/91 | |
| 600 | Proof | | 7/24/91 | |
| 607 | Check Headspace | | 7/24/91 | |
| 610 | Dis-assemble Gun | | 7/24/91 | |
| 612 | Magnaflux Barrel Action | AUG 7 1991 | | KR |
| | Magnaflux Bolt | AUG 7 1991 | | KR |
| 615 | Rollmark Caliber | AUG 7 1991 | | |
| 617 | Drill and Tap Sight Holes | AUG 7 1991 | | |
| 618 | Polish Barrel | AUG 13 1991 | | |
| 620 | Apply Coatings (Barrel Action) | | 7-7-91 | |
| | Apply Coating (Bolt) | | | |
| 625 | Final Assembly A) Clean inside of Bolt Assembly | | 9/4/91 | |
| | B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head | | 9/4/91 | |
| | C) Inspect Ejector Hole for Chamfer | | 9/4/91 | |
| | D) Oil Firing Pin Ass'y | | 9/4/91 | |
| | E) Adjust Trigger Pull to Min Setting and Stake | | 9/4/91 | |

| op. # | OPERATION NAME | READINGS | | | | | DATE | INIT |
|---|---|---|---|---|---|---|---|---|
| 625 cont. | F) Safety On Force | 6 | 6 | 6 | | | 9/9/91 | [illegible] |
| | G) Safety Off Force | 3 | 3 | 3 | | | 9/9/91 | [illegible] |
| | H) Trigger Pull Test & Retainability | | | | | | 9/9/91 | [illegible] |
| | I) Firing Pin Indent | .0215 | .0215 | .0215 | | | 9/9/91 | [illegible] |
| | J) Assemble Stock | | | | | | 9/9/91 | [illegible] |
| | K) Assemble Swivel Studs | | | | | | 9-13-91 | DH |
| | L) Attach Front and Rear Sight Assemblies | | | | | | 9/9/91 | [illegible] |
| | M) Iron Sight Alignment | | | | | | 9/9/91 | [illegible] |
| | N) Detach Front & Rear Sights & place in numbered container | | | | | | 9/9/91 | [illegible] |
| | O) Attach Scope to Rifle | | | | | | 9/9/91 | [illegible] |
| | P) Detach & Attach Scope 20 Times | | | | | | 9/9/91 | [illegible] |
| 640 | Gallery Target & Test | | | | | | 9-10-91 | [illegible] |
| | A) Time | | | | | | " | [illegible] |
| | B) Malfunctions | | | | | | " | [illegible] |
| | C) Pierced Primers | | | | | | " | [illegible] |
| | D) Optical Clearity of Scope | | | | | | " | [illegible] |
| 645 | Inspect for Live Ammo | | | | | | 9-10-91 | [illegible] |
| 655 | Final Inspection A) Headspace | | | | | | 9-13-91 | DH |
| | B) Trigger Pull | 2.68 | 2.60 | 2.63 | 2.59 | 2.64 | 9-12-91 | [illegible] |
| | C) Function | | | | | | 9-13-91 | DH |
| 660 | Pack | | | | | | 9-19-91 | [illegible] |

# SWS TRIGGER PULL TEST

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

SERIAL NO. C-66489758

DATE 9-9-91

TESTER JH

| | 2.50# INITIAL | 2.50# AFTER 50 CYCLES | FINAL TEST & TO RESET 2.50# | | COMMENTS |
|---|---|---|---|---|---|
| PULL #1 | 2.41 | 2.41 | 2.43 | 2.68 | MIN. SETTING, |
| PULL #2 | 2.34 | 2.34 | 2.78 | 2.60 | NO AVG. OF 5 |
| PULL #3 | 2.35 | 2.45 | 2.44 | 2.63 | READINGS ACCEPT- |
| PULL #4 | 2.35 | 2.37 | 2.40 | 2.54 | ABLE LESS THAN 2# |
| PULL #5 | 2.38 | 2.38 | 2.41 | 2.64 | |
| TOTAL | | | | | |
| AVG. | | | | | |

| | 3.00# INITIAL | 3.00# AFTER 20 CYCLES | | COMMENTS |
|---|---|---|---|---|
| PULL #1 | 3.33 | 3.29 | | |
| PULL #2 | 3.34 | 3.23 | | |
| PULL #3 | 3.35 | 3.20 | | |
| PULL #4 | 3.30 | 3.22 | | |
| PULL #5 | 3.32 | 3.27 | | |
| TOTAL | | | | |
| AVG. | | | | |

| | 4.00# INITIAL | 4.00# AFTER 20 CYCLES | MAX SETTING GREATER THAN 4# | RESET TO 4# FOR TARGET & ACCURACY |
|---|---|---|---|---|
| PULL #1 | 4.56 | 4.52 | | 4.59 |
| PULL #2 | 4.52 | 4.55 | | 4.57 |
| PULL #3 | 4.54 | 4.53 | | 4.56 |
| PULL #4 | 4.52 | 4.54 | | 4.54 |
| PULL #5 | 4.53 | 4.55 | | 4.54 |
| TOTAL | | | | |
| AVG. | | | | |

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6648958
11 Sep 1991

CENTROIDAL DISTANCES

| | | | |
|---|---|---|---|
| 0 | TO | 1 | .256813 |
| 1 | TO | 2 | .206422 |
| 1 | TO | 3 | .364589 |
| 1 | TO | 4 | .306529 |
| 1 | TO | 5 | .356707 |

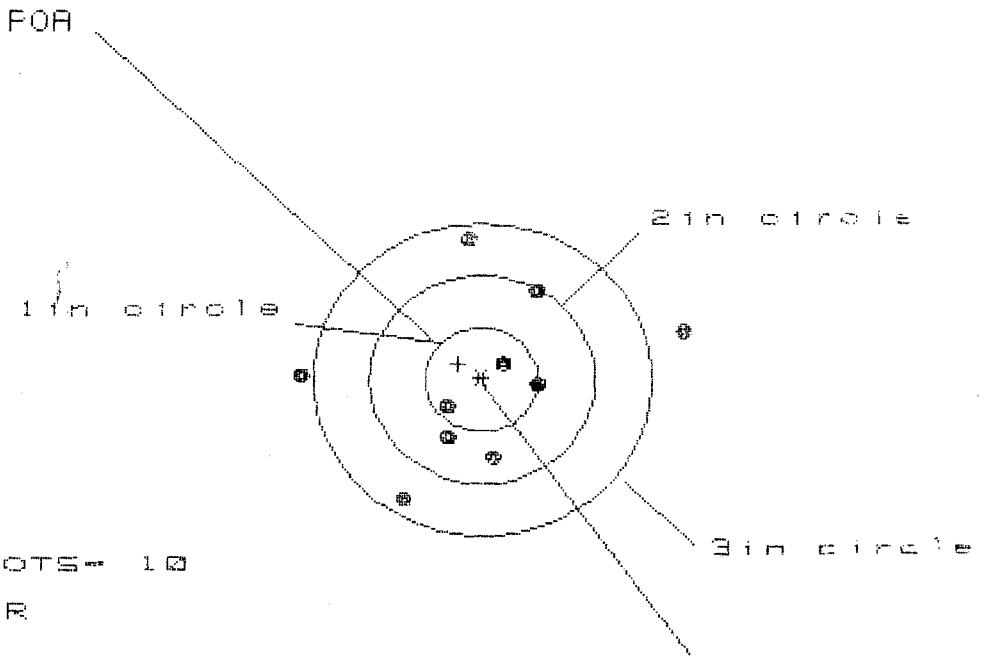

<----POA

[illegible] FOR THIS RIFLE IS: .14[illegible]4
[illegible] THIS RIFLE IS: -.1106
[illegible]IUS FOR THIS RIFLE I[illegible]: [illegible]4

1.069

1 Sep 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6848958

CENTERFIRE PATTERNS # 1




# OF SHOTS= 10

# IN CIR
1in = 3
2in = 5
3in = 8

MS= 3.417
VS= 2.481
SD= 3.447

| PATTERN # | : | 1 | | |
|---|---|---|---|---|
| | : | 10 | 9 | 8 |
| | : | 1.808 | .704 | .528 |
| | : | -1.609 | -1.409 | -.732 |
| | : | 1.312 | 1.366 | 1.377 |
| | : | -1.169 | -1.115 | -1.104 |
| | : | .207 | .007 | .183 |
| | : | .152 | -.206 | -.217 |
| | : | .257 | .206 | .334 |
| | : | .247 | .195 | .310 |
| | : | .371 | .867 | .773 |
| | : | 1.871 | 1.411 | 1.381 |
| | : | 3.417 | 2.113 | 1.260 |
| | : | 2.481 | 2.481 | 2.441 |
| | : | 3.447 | 2.558 | 2.558 |
| | | IRCLE = | 3 | |
| | | IRCLE = | 6 | |
| | | IRCLE = | 8 | |

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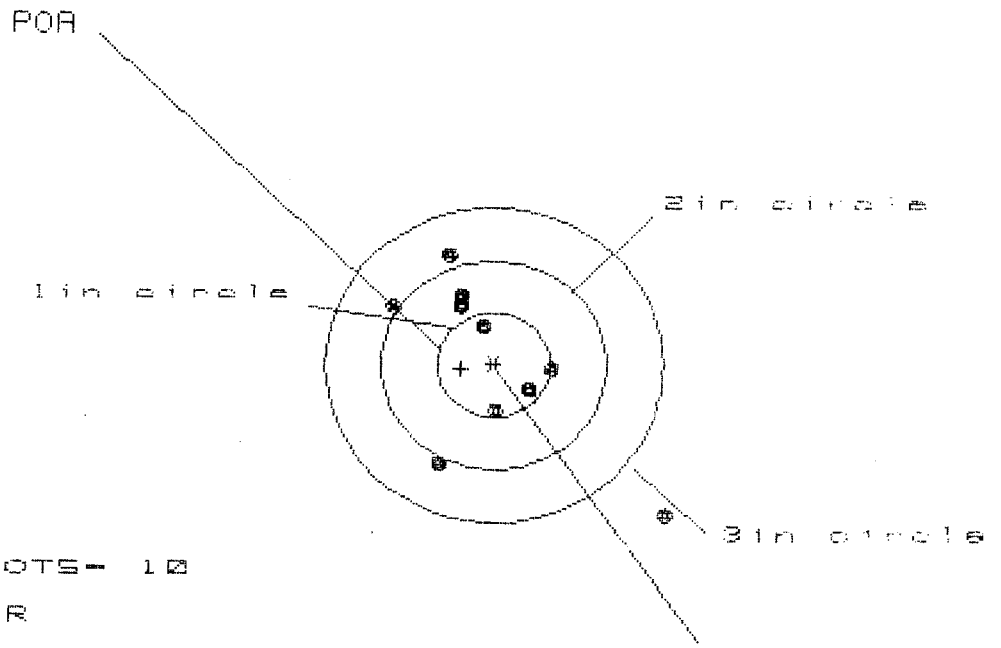
CENTERFIRE PATTERNS # 2




# OF SHOTS= 10

# IN CIR
1in = 4
2in = 5
3in = 8

HS= 2.462
VS= 2.492
GS= 3.183

CENTROID #

PATTERN # : 2

| SHOTS BEST OF | : | 10 | 9 | 8 |
|---|---|---|---|---|
| MAXIMUM X | : | 1.534 | .664 | .641 |
| MINIMUM X | : | -.928 | -.758 | -.780 |
| MAXIMUM Y | : | 1.017 | .853 | .587 |
| MINIMUM Y | : | -1.475 | -1.111 | -1.004 |
| CENTROID X | : | .290 | .120 | .143 |
| CENTROID Y | : | .037 | .201 | .095 |
| DIA TO CENTROID fm | : | .292 | .234 | .171 |
| MIN RADIUS | : | .376 | .205 | .305 |
| AVG RADIUS | : | .840 | .662 | .644 |
| MAX RADIUS | : | 2.128 | 1.145 | 1.048 |
| HORIZONTAL SPREAD | : | 2.462 | 1.422 | 1.422 |
| VERTICAL SPREAD | : | 2.492 | 1.964 | 1.591 |
| GROUP SPREAD | : | 3.183 | 1.966 | 1.602 |
| SHOTS IN 1.0 IN CIRCLE | = | | 4 | |
| SHOTS IN 2.0 INCH CIRCLE | = | | 6 | |
| SHOTS IN 3.0 INCH CIRCLE | = | | 9 | |

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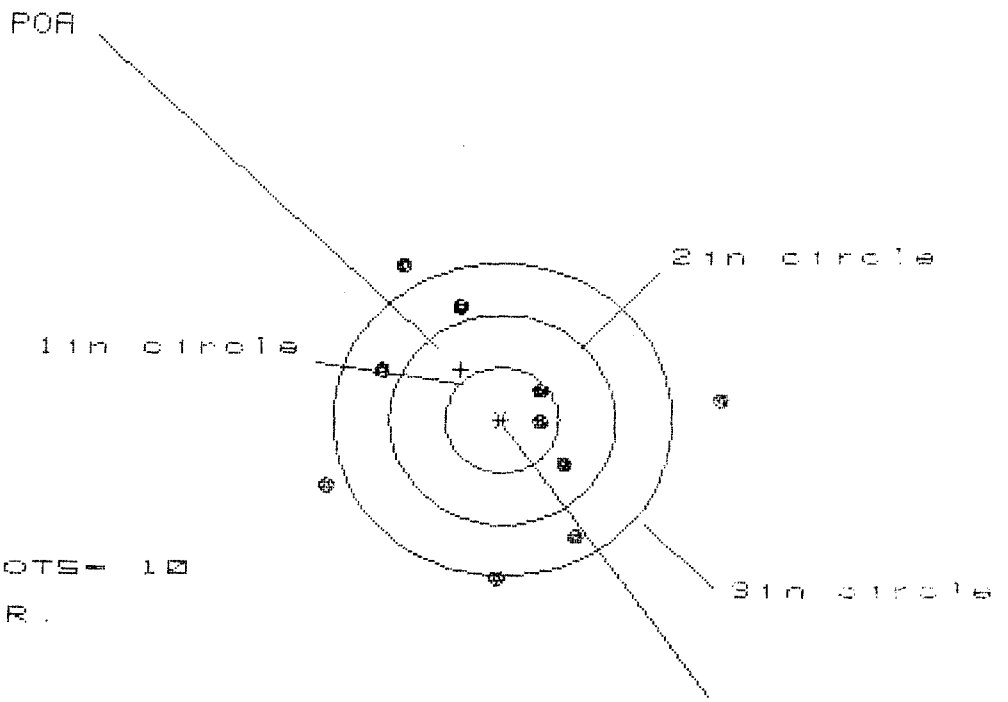
CENTERFIRE PATTERNS # 3




# OF SHOTS= 10
# IN CIR.
1in = 2
2in = 3
3in = 7
HS= 3.529
VS= 2.970
SS= 3.614

| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 3 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.978 | .896 | .821 |
| MINIMUM X | : | -1.551 | -1.331 | -1.406 |
| MAXIMUM Y | : | 1.494 | 1.515 | 1.328 |
| MINIMUM Y | : | -1.476 | -1.455 | -1.266 |
| CENTROID X | : | .362 | .142 | .217 |
| CENTROID Y | : | -.482 | -.503 | -.692 |
| PLOT TO CENTROID in. | : | .603 | .523 | .725 |
| MIN RADIUS | : | .330 | .550 | .517 |
| MEAN RADIUS | : | 1.198 | 1.131 | 1.053 |
| MAX RADIUS | : | 1.986 | 1.628 | 1.497 |
| HORIZONTAL SPREAD | : | 3.529 | 2.227 | 2.227 |
| VERTICAL SPREAD | : | 2.970 | 2.970 | 2.594 |
| DIAGONAL SPREAD | : | 3.614 | 3.063 | 2.615 |
| SHOTS IN 2 INCH CIRCLE | = | | 2 | |
| SHOTS IN 3 INCH CIRCLE | = | | 3 | |
| SHOTS IN 7 INCH CIRCLE | = | | 7 | |

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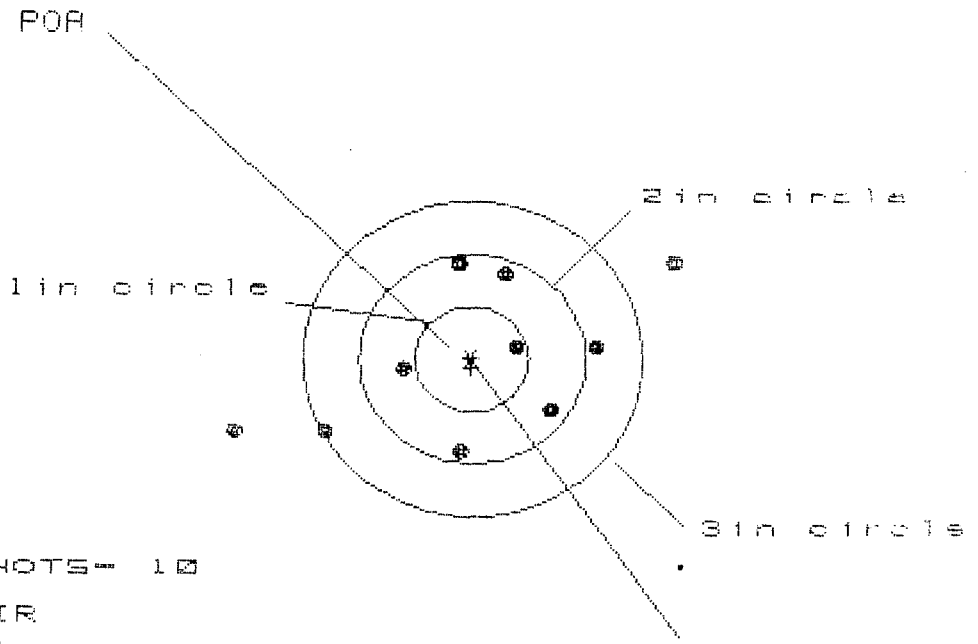
## CENTERFIRE PATTERNS # 4




# OF SHOTS= 10

# IN CIR
1in = 1
2in = 5
3in = 8

HS= 3.826
VS= 1.893
TS= 4.137

PATTERN # : 4

| | | | |
|---|---|---|---|
| SHOTS (PCT OF) : | 10 | 9 | 8 |
| MAXIMUM X : | 1.741 | 1.509 | 1.058 |
| MINIMUM X : | -2.085 | -1.524 | -1.335 |
| MAX MPI Y : | .962 | .884 | .933 |
| MINIMUM Y : | -.930 | -1.009 | -.910 |
| CENTROID X : | .009 | .241 | .052 |
| CENTROID Y : | .082 | .161 | .062 |
| MOA TO CENTROID : | .083 | .290 | .081 |
| X RADIUS : | .445 | .205 | .408 |
| MEAN RADIUS : | 1.135 | .977 | .896 |
| MR SHOT : | 2.202 | 1.713 | 1.500 |
| EXTREME SPREAD : | 3.926 | 3.083 | 2.393 |
| GROUP AREA : | 1.893 | 1.893 | 1.893 |
| GROUP RANGE : | 4.137 | 3.417 | 2.521 |
| SHOTS IN 1 INCH CIRCLE = | | 1 | |
| SHOTS IN 2 INCH CIRCLE = | | 6 | |
| SHOTS IN 3 INCH CIRCLE = | | 8 | |

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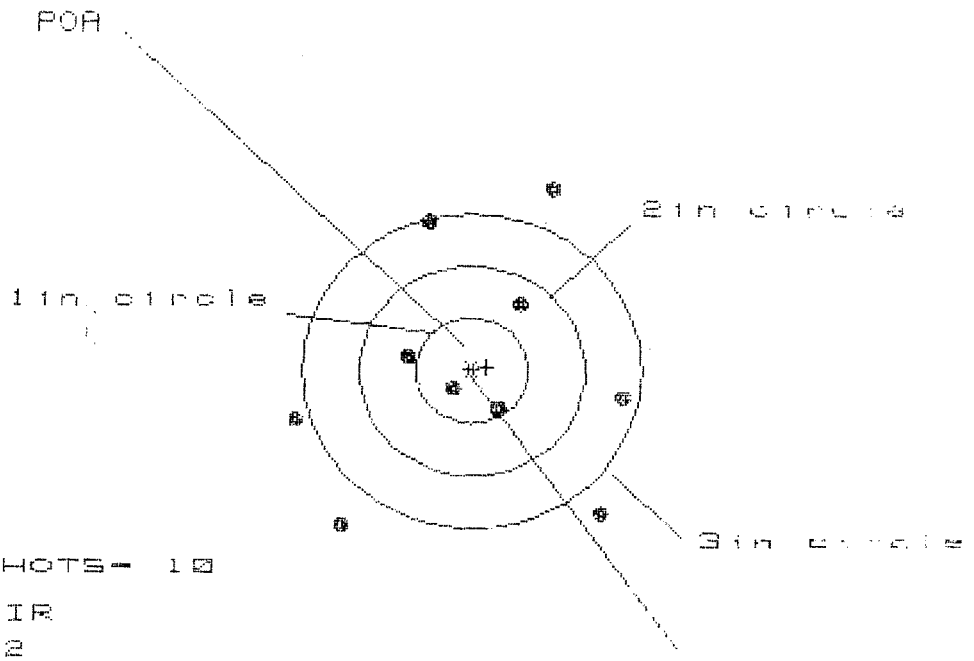
CENTERFIRE PATTERNS # 5




# OF SHOTS= 10

# IN CIR
1in = 2
2in = 4
3in = 6

HS= 2.940
S= 3.170
MS= 3.681

| | | | | |
|---|---|---|---|---|
| [illegible] # | : | 5 | | |
| [illegible] | : | 10 | 9 | 8 |
| [illegible] | : | 1.367 | 1.447 | 1.314 |
| [illegible] | : | -1.573 | -1.493 | -1.627 |
| [illegible] | : | 1.752 | 1.607 | 1.454 |
| [illegible] | : | -1.418 | -1.224 | -1.271 |
| [illegible] | : | -.131 | -.211 | -.0[illegible] |
| [illegible] | : | -.038 | -.232 | -.0[illegible] |
| [illegible] | : | .136 | .314 | .110 |
| [illegible] | : | .255 | .126 | .[illegible] |
| [illegible] | : | 1.202 | 1.109 | 1.0[illegible] |
| [illegible] | : | 1.993 | 1.657 | 1.6[illegible] |
| [illegible] | : | 2.940 | 2.940 | 2.940 |
| [illegible] | : | 3.170 | 2.831 | 2.7[illegible] |
| [illegible] | : | 3.691 | 3.135 | 3.13[illegible] |
| [illegible] INCH CIRCLE | = | | 2 | |
| [illegible] INCH CIRCLE | = | | 4 | |
| [illegible] INCH CIRCLE | = | | 6 | |