C659454

MODEL 700™ M24

Model 5W5 ™

Action

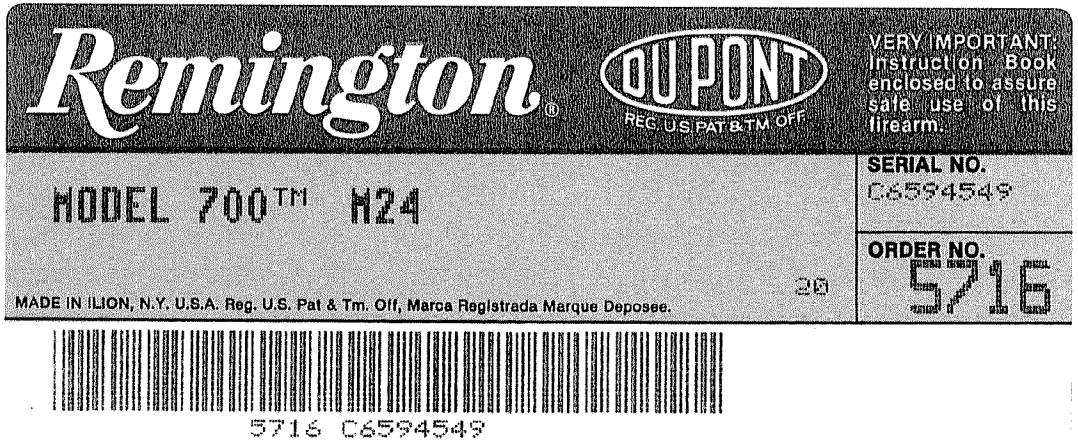
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington




# RECEIVING AND ESTIMATING REPORT

COMMENTS: W/10X SCOPE M-24 SNIPER, W/DEPLOYMENT KIT 91-
ATTN: FRED MARTIN Scope 0080

ORDER R 94-18094

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

| DATE RECEIVED | DATE OPENED | DATE CODE | SERIAL NUMBER | NEW SERIAL NUMBER | MODEL AND GRADE |
|---|---|---|---|---|---|
| 06/09/94 | 06/09/94 | | C6594549 | | 700 7-62 NATO |

ACCESSORIES: SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

FROM:

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

SHIP TO:

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 ☐ | PROM. DATE | ESTIMATED | VIA |
|---|---|---|---|---|---|
| | | | | | 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

| | |
|---|---|
| Trigger Assy | $173.71 |
| Scope Rep | 119.43 |
| Clean/Insp/Prep | 50.00 |
| | 343.14 |

COMMENTS

| REPAIRMAN | PROOF | CLEAN | TEST | TARGET | PATTERN |
|---|---|---|---|---|---|
| | | | AC | | |
| GALLERY TESTER | DATE | DATE | DATE | DATE | DATE |
| | | | 11/1/95 | | |

OFFICE COPY

RD6925 REV. 1/94

# SWS TRIGGER PULL TEST

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

SERIAL NO. C0594549
DATE 11-16-94
TESTER BM

| | 2.50# INITIAL | 2.50# AFTER 50 CYCLES | FINAL TEST & TO RESET 2.50# | | COMMENTS |
|---|---|---|---|---|---|
| PULL #1 | 2.69 | 2.53 | 2.58 | | MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT-ABLE LESS THAN 2# |
| PULL #2 | 2.60 | 2.49 | 2.67 | | |
| PULL #3 | 2.63 | 2.52 | 2.79 | | |
| PULL #4 | 2.57 | 2.58 | 2.84 | | |
| PULL #5 | 2.58 | 2.57 | 2.59 | | |
| TOTAL | 13.07 | 12.69 | 13.47 | | |
| AVG. | 2.61 | 2.53 | 2.69 | | |

| | 3.00# INITIAL | 3.00# AFTER 20 CYCLES | | COMMENTS |
|---|---|---|---|---|
| PULL #1 | 3.04 | 3.08 | | |
| PULL #2 | 3.05 | 3.09 | | |
| PULL #3 | 3.07 | 3.13 | | |
| PULL #4 | 3.10 | 3.16 | | |
| PULL #5 | 3.09 | 3.14 | | |
| TOTAL | 15.35 | 15.60 | | |
| AVG. | 3.07 | 3.12 | | |

| | 4.00# INITIAL | 4.00# AFTER 20 CYCLES | MAX SETTING GREATER THAN 4# | RESET TO 4# FOR TARGET & ACCURACY |
|---|---|---|---|---|
| PULL #1 | 3.96 | 4.29 | | 4.00 |
| PULL #2 | 4.01 | 4.13 | | 4.03 |
| PULL #3 | 4.07 | 3.99 | | 4.06 |
| PULL #4 | 4.03 | 4.09 | | 4.06 |
| PULL #5 | 4.03 | 4.15 | | 3.86 |
| TOTAL | 20.10 | 20.65 | | 20.01 |
| AVG. | 4.02 | 4.13 | | 4.00 |

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594549

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

| op. # | OP. NAME | READINGS | | | | | DATE | INIT |
|---|---|---|---|---|---|---|---|---|
| 625 cont. | F) Safety On Force | 5 | 5 | 5 | | | 11/22 | WB |
| | G) Safety Off Force | 3 1/4 | 3 1/2 | 3 1/4 | | | 11/22 | WB |
| | H) Trigger Pull Test & Retainability | | | | | | | |
| | I) Firing Pin Indent | | | | | | | |
| | 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 | | | | | | | |
| | A) Time | | | | | | | |
| | B) Malfunctions | | | | | | | |
| | C) Pierced Primers | | | | | | | |
| | D) Optical Clearity of Scope | | | | | | | |
| 645 | Inspect for Live Ammo | | | | | | | |
| 655 | Final Inspection A) Headspace | | | | | | | |
| | B) Trigger Pull | 2.88 | 2.79 | 2.86 | 2.79 | 2.81 | 11/21/95 | WB |
| | C) Function | | | | | | | |
| 660 | Pack | | | | | | | |

5C

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594549

| OP. # | OP. NAME | READINGS | DATE | INIT |
|---|---|---|---|---|
| 575 & 580 | Assemble Action and Stock | | 10/30/90 | KA |
| 600 | Proof | | 10/30/90 | KA |
| 607 | Check Headspace | | 10/30/90 | KA |
| 610 | Dis-assemble Gun | | 10/30/90 | KA |
| 612 | Magnaflux Barrel Action | | 11/1/90 | KCR |
| | Magnaflux Bolt | | 11/1/90 | KCR |
| 615 | Rollmark Caliber | | 11/1/90 | GS |
| 617 | Drill and Tap Sight Holes | | 11/6/90 | RB |
| 618 | Polish Barrel RB | | 11/7/90 | WB |
| 620 | Apply Coatings (Barrel Action) | | 11-26-90 | |
| | Apply Coating (Bolt) | | | |
| 625 | Final Assembly A) Clean inside of Bolt Assembly | | 12/14/90 | KS |
| | B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head | | 12/14/90 | KS |
| | C) Inspect Ejector Hole for Chamfer | | 12/14/90 | KS |
| | D) Oil Firing Pin Ass'y | | 12/14/90 | KS |
| | E) Adjust Trigger Pull to Min Setting and Stake | | 12/27/90 | WB |

| op. # | OP. NAME | READINGS | | | | | DATE | INIT |
|---|---|---|---|---|---|---|---|---|
| 625 cont. | F) Safety On Force | 4½ | 4½ | 4½ | | | 1/2/91 | WB |
| | G) Safety Off Force | 2 | 2 | 2 | | | 1/2/91 | WB |
| | H) Trigger Pull Test & Retainability | | | | | | 12/27/90 | WB |
| | I) Firing Pin Indent | .021 | .021 | .021 | | | 1/2/91 | WB |
| | J) Assemble Stock | | | | | | 1-3-91 | KS |
| | K) Assemble Swivel Studs | | | | | | 1-15-91 | |
| | L) Attach Front and Rear Sight Assemblies | | | | | | 1-3-91 | KS |
| | M) Iron Sight Alignment | | | | | | 1-3-91 | KS |
| | N) Detach Front & Rear Sights & place in numbered container | | | | | | 1-3-91 | KS |
| | O) Attach Scope to Rifle | | | | | | 1-3-91 | KS |
| | P) Detach & Attach Scope 20 Times | | | | | | 1-3-91 | KS |
| 640 | Gallery Target & Test | | | | | | 1-11-91 | DH |
| | A) Time | | | | | | 1-11-91 | DH |
| | B) Malfunctions | | | | | | 1-11-91 | DH |
| | C) Pierced Primers | | | | | | 1-11-91 | DH |
| | D) Optical Clearity of Scope | | | | | | 1-11-91 | DH |
| 645 | Inspect for Live Ammo | | | | | | 1-11-91 | DH |
| 655 | Final Inspection A) Headspace | | | | | | 1-15-91 | |
| | B) Trigger Pull | 2-31 | 2.23 | 2-14 | 2-15 | 2.10 | 1-14-91 | |
| | C) Function | | | | | | 1-15-91 | |
| 660 | Pack | | | | | | 3-19-91 | |

# SWS TRIGGER PULL TEST

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

SERIAL NO. C6594549
DATE 12/27/90
TESTER WB

| | 2.50# INITIAL | 2.50# AFTER 50 CYCLES | FINAL TEST & TO RESET 2.50# | | COMMENTS |
|---|---|---|---|---|---|
| PULL #1 | 2.36 | 2.44 | 2.32 | 2.51 | MIN. SETTING, |
| PULL #2 | 2.33 | 2.35 | 2.31 | 2.23 | NO AVG. OF 5 |
| PULL #3 | 2.35 | 2.43 | 2.30 | 2.14 | READINGS ACCEPT- |
| PULL #4 | 2.43 | 2.45 | 2.39 | 2.16 | ABLE LESS THAN 2# |
| PULL #5 | 2.42 | 2.48 | 2.30 | 2.10 | |
| TOTAL | 11.89 | 12.15 | 11.62 | | |
| AVG. | 2.38 | 2.43 | 2.32 | | |

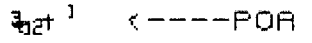
| | 3.00# INITIAL | 3.00# AFTER 20 CYCLES | | COMMENTS |
|---|---|---|---|---|
| PULL #1 | 3.29 | 3.17 | | |
| PULL #2 | 3.33 | 3.31 | | |
| PULL #3 | 3.33 | 3.34 | | |
| PULL #4 | 3.32 | 3.23 | | |
| PULL #5 | 3.19 | 3.17 | | |
| TOTAL | 16.46 | 16.22 | | |
| AVG. | 3.29 | 3.24 | | |

| | 4.00# INITIAL | 4.00# AFTER 20 CYCLES | MAX SETTING GREATER THAN 4# | RESET TO 4# FOR TARGET & ACCURACY |
|---|---|---|---|---|
| PULL #1 | 4.28 | 4.15 | | 4.16 |
| PULL #2 | 4.13 | 4.31 | | 4.13 |
| PULL #3 | 4.28 | 4.33 | | 4.07 |
| PULL #4 | 4.24 | 4.13 | | 4.15 |
| PULL #5 | 4.28 | 4.30 | | 4.05 |
| TOTAL | 21.21 | 20.22 | | 20.56 |
| AVG. | 4.24 | 4.24 | | 4.13 |

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594549
11 Jan 1991

CENTROIDAL DISTANCES

| | | | |
|---|---|---|---|
| 0 | TO | 1 | .478707 |
| 1 | TO | 2 | .670835 |
| 1 | TO | 3 | 1.01526 |
| 1 | TO | 4 | 1.00774 |
| 1 | TO | 5 | .864357 |

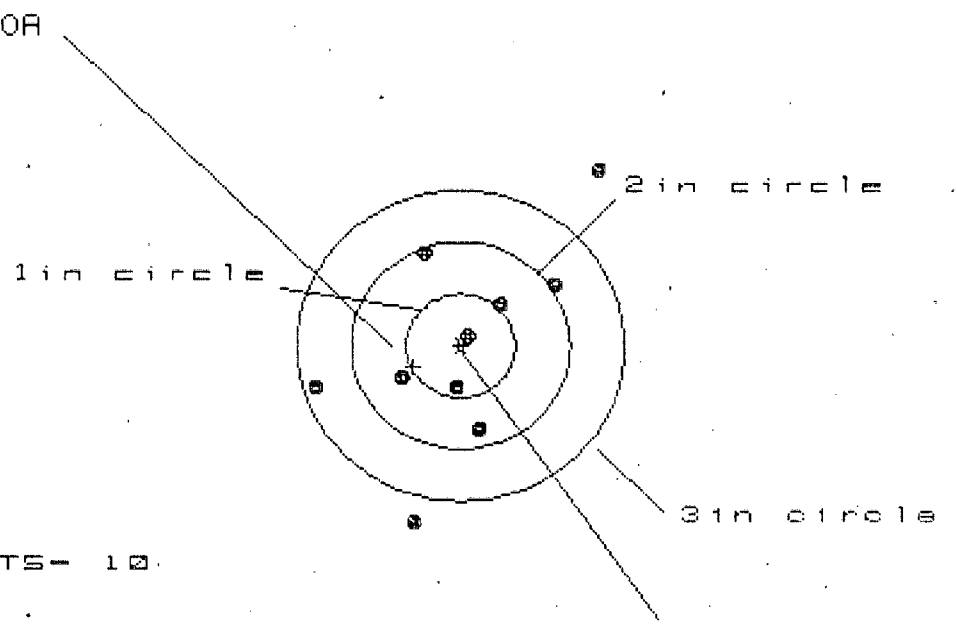



THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2426
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0022
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .24261

THE AMR FOR THIS RIFLE IS: .856

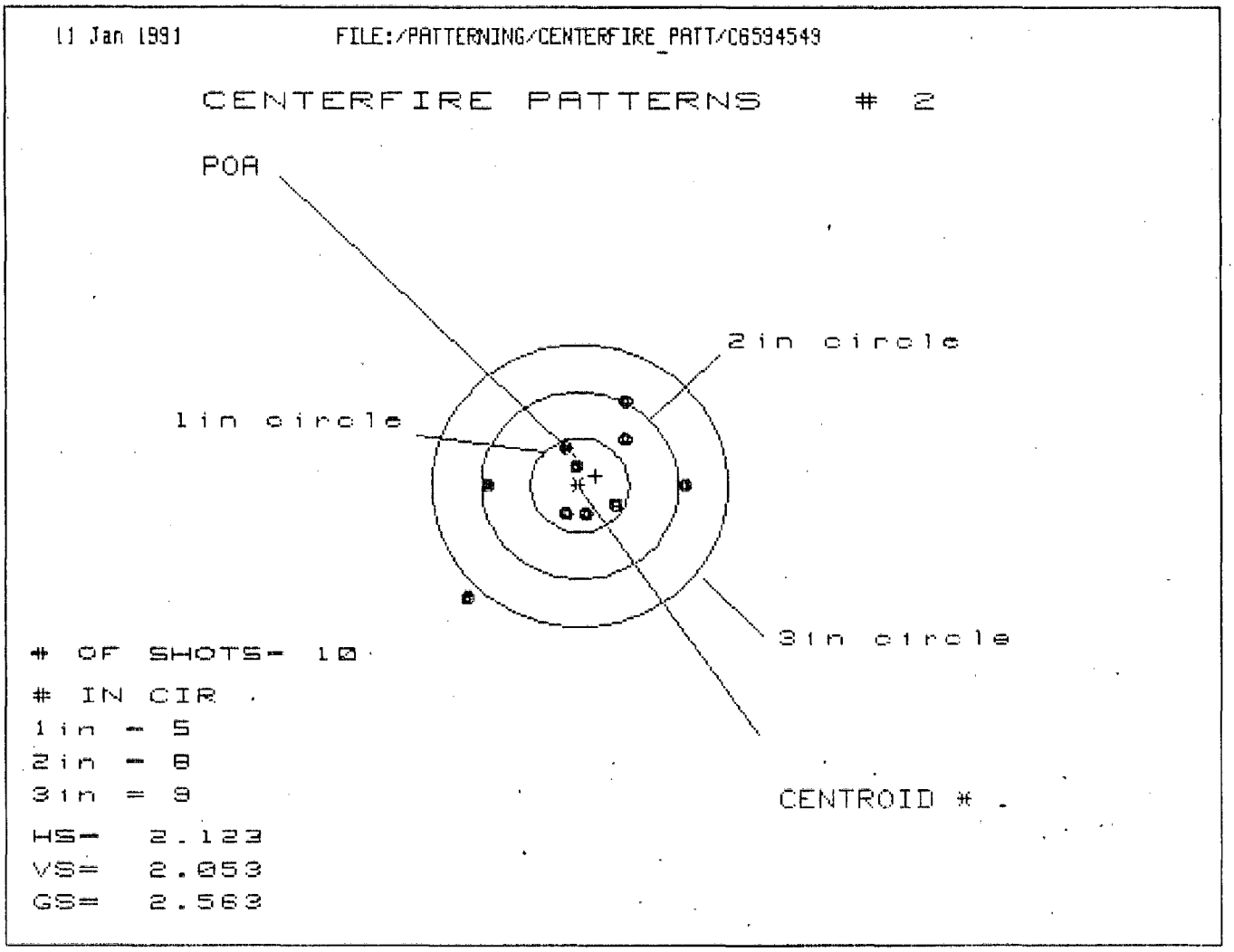
11 Jan 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6594549

CENTERFIRE PATTERNS # 1




# OF SHOTS= 10
# IN CIR.
1in = 2
2in = 6
3in = 8
HS= 2.505
VS= 3.473
GS= 3.854

| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 1 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.218 | 1.017 | .977 |
| MINIMUM X | : | -1.287 | -1.152 | -1.192 |
| MAXIMUM Y | : | 1.736 | 1.065 | .872 |
| MINIMUM Y | : | -1.737 | -1.544 | -.844 |
| CENTROID X | : | .434 | .299 | .339 |
| CENTROID Y | : | .202 | .009 | .202 |
| POA TO CENTROID in. | : | .479 | .299 | .394 |
| MIN RADIUS | : | .133 | .190 | .205 |
| MEAN RADIUS | : | .980 | .843 | .740 |
| MAX RADIUS | : | 2.120 | 1.577 | 1.266 |
| HORIZONTAL SPREAD | : | 2.505 | 2.169 | 2.169 |
| VERTICAL SPREAD | : | 3.473 | 2.609 | 1.716 |
| EXTREME SPREAD | : | 3.854 | 2.684 | 2.396 |
| NUMBER IN ONE INCH CIRCLE | = | | 2 | |
| NUMBER IN TWO INCH CIRCLE | = | | 6 | |
| NUMBER IN THREE INCH CIRCLE | = | | 8 | |




| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 2 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.025 | .903 | .427 |
| MINIMUM X | : | -1.098 | -1.054 | -.941 |
| MAXIMUM Y | : | .879 | .749 | .730 |
| MINIMUM Y | : | -1.174 | -.446 | -.465 |
| CENTROID X | : | -.164 | -.042 | -.155 |
| CENTROID Y | : | -.102 | .028 | .047 |
| POA TO CENTROID in. | : | .193 | .051 | .162 |
| MIN RADIUS | : | .186 | .139 | .040 |
| MEAN RADIUS | : | .684 | .567 | .509 |
| MAX RADIUS | : | 1.607 | 1.066 | .958 |
| HORIZONTAL SPREAD | : | 2.123 | 1.957 | 1.368 |
| VERTICAL SPREAD | : | 2.053 | 1.195 | 1.195 |
| EXTREME SPREAD | : | 2.563 | 1.957 | 1.643 |
| NUMBER IN ONE INCH CIRCLE | = | | 5 | |
| NUMBER IN TWO INCH CIRCLE | = | | 8 | |
| NUMBER IN THREE INCH CIRCLE | = | | 9 | |

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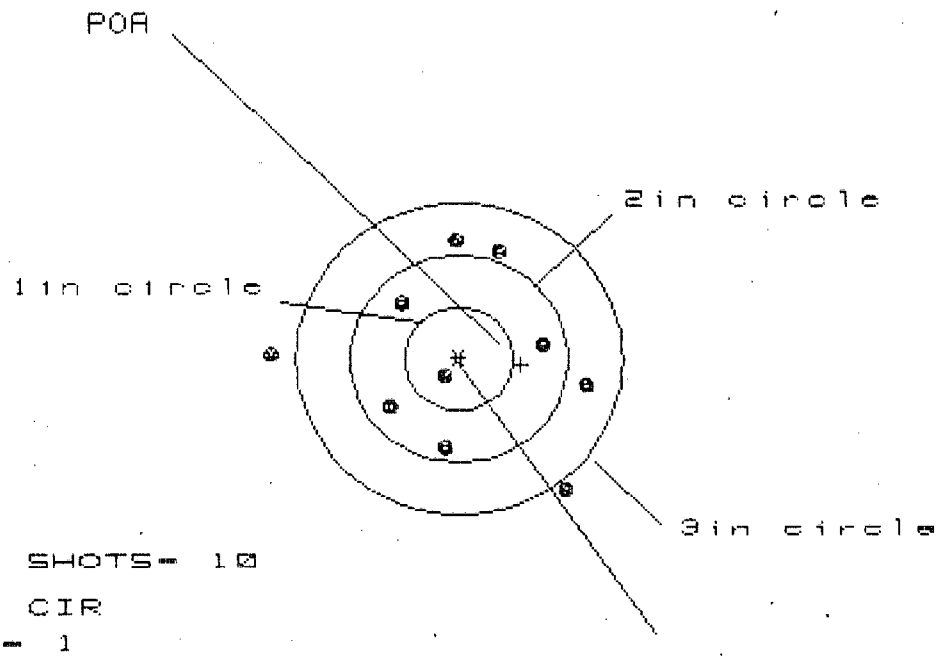
# CENTERFIRE PATTERNS # 3




\# OF SHOTS= 10

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

HS= 2.933
VS= 2.352
GS= 3.023

| PATTERN # | : | 3 | | |
|---|---|---|---|---|
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.201 | 1.008 | 1.108 |
| MINIMUM X | : | -1.732 | -.836 | -.736 |
| MAXIMUM Y | : | 1.125 | 1.134 | .982 |
| MINIMUM Y | : | -1.227 | -1.218 | -1.000 |
| CENTROID X | : | -.571 | -.378 | -.478 |
| CENTROID Y | : | .058 | .049 | .201 |
| POA TO CENTROID in. | : | .573 | .381 | .519 |
| MIN RADIUS | : | .195 | .360 | .363 |
| MEAN RADIUS | : | 1.011 | .933 | .853 |
| MAX RADIUS | : | 1.734 | 1.458 | 1.167 |
| HORIZONTAL SPREAD | : | 2.933 | 1.844 | 1.844 |
| VERTICAL SPREAD | : | 2.352 | 2.352 | 1.982 |
| EXTREME SPREAD | : | 3.023 | 2.581 | 1.993 |
| NUMBER IN ONE INCH CIRCLE | = | | 1 | |
| NUMBER IN TWO INCH CIRCLE | = | | 5 | |
| NUMBER IN THREE INCH CIRCLE | = | | 8 | |

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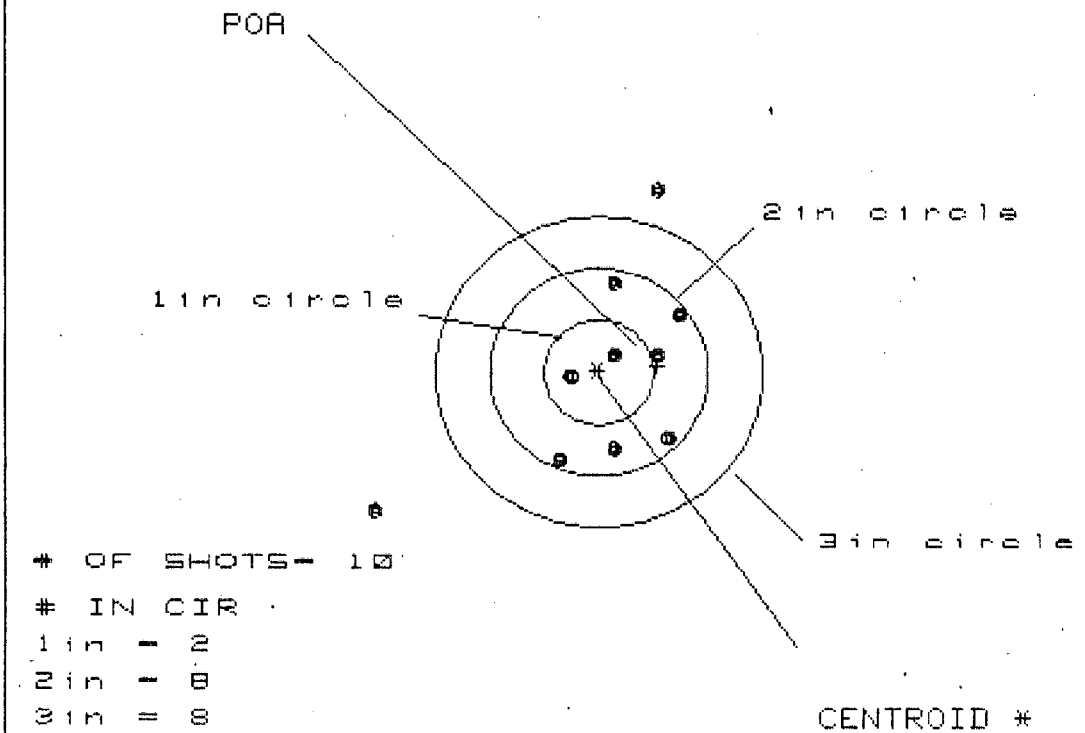
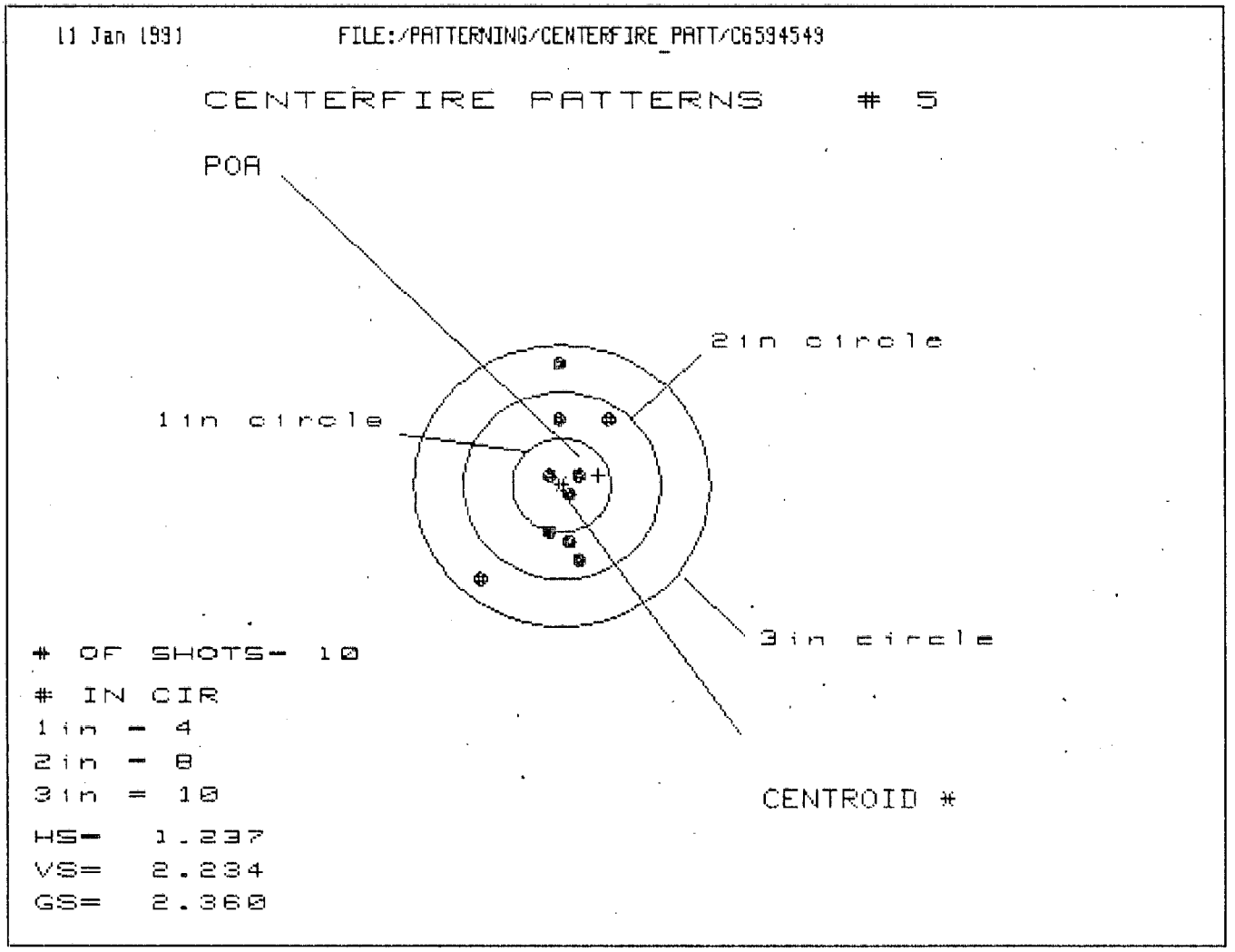
# CENTERFIRE PATTERNS # 4




# OF SHOTS= 10
# IN CIR
1in = 2
2in = 8
3in = 8

HS= 2.747
VS= 3.111
GS= 4.025

| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 4 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | .689 | .460 | .493 |
| MINIMUM X | : | -2.058 | -.558 | -.524 |
| MAXIMUM Y | : | 1.779 | 1.631 | .873 |
| MINIMUM Y | : | -1.332 | -.950 | -.746 |
| CENTROID X | : | -.538 | -.309 | -.342 |
| CENTROID Y | : | -.064 | .084 | -.120 |
| POA TO CENTROID in. | : | .542 | .320 | .363 |
| MIN RADIUS | : | .230 | .132 | .272 |
| MEAN RADIUS | : | .954 | .749 | .636 |
| MAX RADIUS | : | 2.452 | 1.653 | .912 |
| HORIZONTAL SPREAD | : | 2.747 | 1.018 | 1.018 |
| VERTICAL SPREAD | : | 3.111 | 2.581 | 1.619 |
| EXTREME SPREAD | : | 4.025 | 2.710 | 1.682 |
| NUMBER IN ONE INCH CIRCLE | = | | 2 | |
| NUMBER IN TWO INCH CIRCLE | = | | 8 | |
| NUMBER IN THREE INCH CIRCLE | = | | 8 | |




| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 5 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | .452 | .449 | .351 |
| MINIMUM X | : | -.785 | -.788 | -.237 |
| MAXIMUM Y | : | 1.284 | .824 | .723 |
| MINIMUM Y | : | -.950 | -.807 | -.789 |
| CENTROID X | : | -.374 | -.371 | -.273 |
| CENTROID Y | : | -.105 | -.248 | -.147 |
| POA TO CENTROID in. | : | .388 | .446 | .310 |
| MIN RADIUS | : | .118 | .140 | .009 |
| MEAN RADIUS | : | .651 | .577 | .483 |
| MAX RADIUS | : | 1.284 | 1.128 | .802 |
| HORIZONTAL SPREAD | : | 1.237 | 1.237 | .588 |
| VERTICAL SPREAD | : | 2.234 | 1.631 | 1.512 |
| EXTREME SPREAD | : | 2.360 | 2.045 | 1.531 |
| NUMBER IN ONE INCH CIRCLE | = | | 4 | |
| NUMBER IN TWO INCH CIRCLE | = | | 8 | |
| NUMBER IN THREE INCH CIRCLE | = | | 10 | |