C6225194

MODEL 700™ M24

Model SWS ™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®

Smead®

Remington®

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

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

MODEL 700™ M24

SERIAL NO. C6225194

ORDER NO. 5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee. 01

5716 C6225194

UPC

0 47700 25716 7

Armis Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: RE00087074

Verify Repair

Serial: C6225194 Model: M24 SWS Center Fire Caliber: 7.62 NATO

Repairman:

Status: Closed 10/27/2004 9:31:24 AM

**Address Information**

Customer: (•) Received From

Name: ELECTRONIC MAIN SHOP GSC 10TH DIV

Address 1: ATTN MSG BARTRON SPC LAUBAUGH

Address 2: BLDG 7426 RM 203 BAD TOELZ PO Box:

City: FORT CARSON

State: CO Zip Code: 80913 Country: US

Return To: ( ) Received From

ELECTRONIC MAIN SHOP GSC 10TH DIV

ATTN MSG BARTRON SPC LAUBAUGH

BLDG 7426 RM 203 BAD TOELZ PO Box:

FORT CARSON

State: CO Zip Code: 80913 Country: US

FFL:

Contact / Condition | Problems | Estimate | History / Status | Shipping / Billing

**Contact Information**

Phone:

Fax:

Email:

Comments:

**Received Condition**

Good

Condition Notes:

CSR Notes:

**Accessories Received**

| Code | Desc | Qty |
|---|---|---|
| A007 | With Stud | 3 |
| A017 | Scope Base | 1 |
| A026 | Scope | 1 |
| C000 | F AND R SGT BASES | 1 |

Repair Search | Refresh | Close

naglelj | 10/27/2004 | 12:01 PM | CAPS | NUM | INS | SCRL

start | 2 | Armis Services... | 3 | 2

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225194.__0
FILE DATE AND TIME: 11/18/2004 10:01

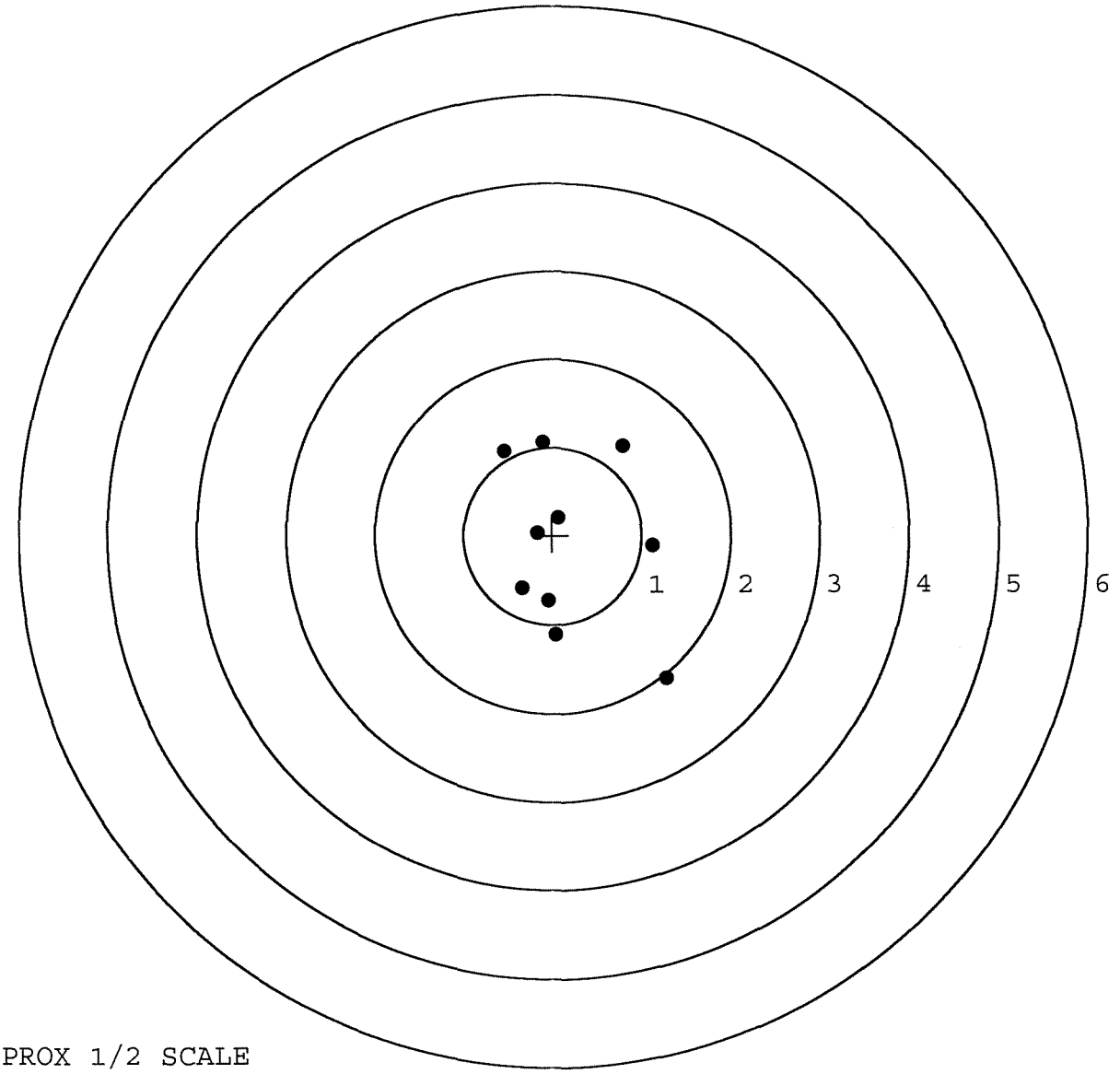
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

| | |
|---|---|
| The Average X Centroid of the Five Target Set: | 0.011 |
| The Average Y Centroid of the Five Target Set: | -0.044 |
| The Average Point of Impact of the Five Target Set: | 0.046 |
| The Average Mean Radius of the Five Target Set: | 0.740 |
| The Distance from POA to Centroid Target #1: | 0.227 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.254 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.316 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.208 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.312 |

SERIAL NUMBER: C6225194.__0
TARGET NUMBER: 1
FILE DATE: 11/18/2004
FILE TIME: 10:01

| | |
|---|---|
| X CENTROID: | 0.209 |
| Y CENTROID: | -0.090 |
| POA TO CENTROID: | 0.227 |
| HORZ SPREAD: | 1.821 |
| VERT SPREAD: | 2.661 |
| GROUP SPREAD: | 3.143 |
| MIN RADIUS: | 0.327 |
| MAX RADIUS: | 1.855 |
| MEAN RADIUS: | 0.971 |
| # IN 1 IN DIAMETER: | 2 |
| # IN 2 IN DIAMETER: | 5 |
| # in 3 IN DIAMETER: | 9 |

| POINT# | X | Y |
|---|---|---|
| 1: | 1.279 | -1.605 |
| 2: | 1.124 | -0.115 |
| 3: | 0.787 | 1.019 |
| 4: | -0.111 | 1.056 |
| 5: | -0.542 | 0.957 |
| 6: | 0.070 | 0.206 |
| 7: | -0.171 | 0.031 |
| 8: | -0.345 | -0.594 |
| 9: | -0.048 | -0.736 |
| 10: | 0.046 | -1.115 |

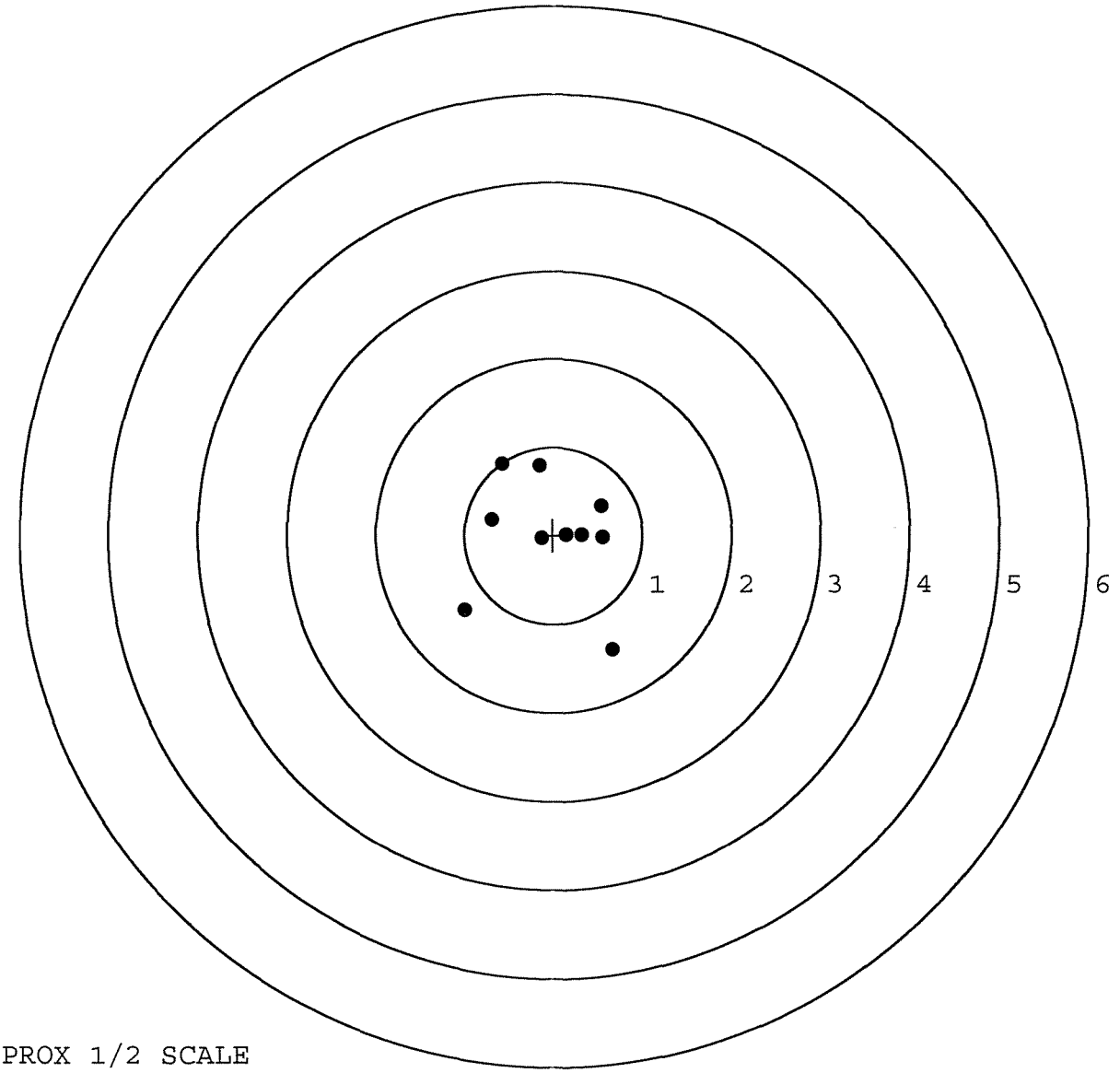



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225194.__0
TARGET NUMBER: 2
FILE DATE: 11/18/2004
FILE TIME: 10:01

| | |
|---|---|
| X CENTROID: | -0.032 |
| Y CENTROID: | -0.010 |
| POA TO CENTROID: | 0.034 |
| HORZ SPREAD: | 1.668 |
| VERT SPREAD: | 2.100 |
| GROUP SPREAD: | 2.445 |
| MIN RADIUS: | 0.102 |
| MAX RADIUS: | 1.464 |
| MEAN RADIUS: | 0.712 |
| # IN 1 IN DIAMETER: | 3 |
| # IN 2 IN DIAMETER: | 8 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.673 | -1.293 |
| 2: | -0.995 | -0.853 |
| 3: | 0.539 | 0.339 |
| 4: | -0.159 | 0.789 |
| 5: | -0.580 | 0.807 |
| 6: | -0.699 | 0.175 |
| 7: | -0.131 | -0.035 |
| 8: | 0.149 | 0.001 |
| 9: | 0.324 | -0.004 |
| 10: | 0.555 | -0.024 |

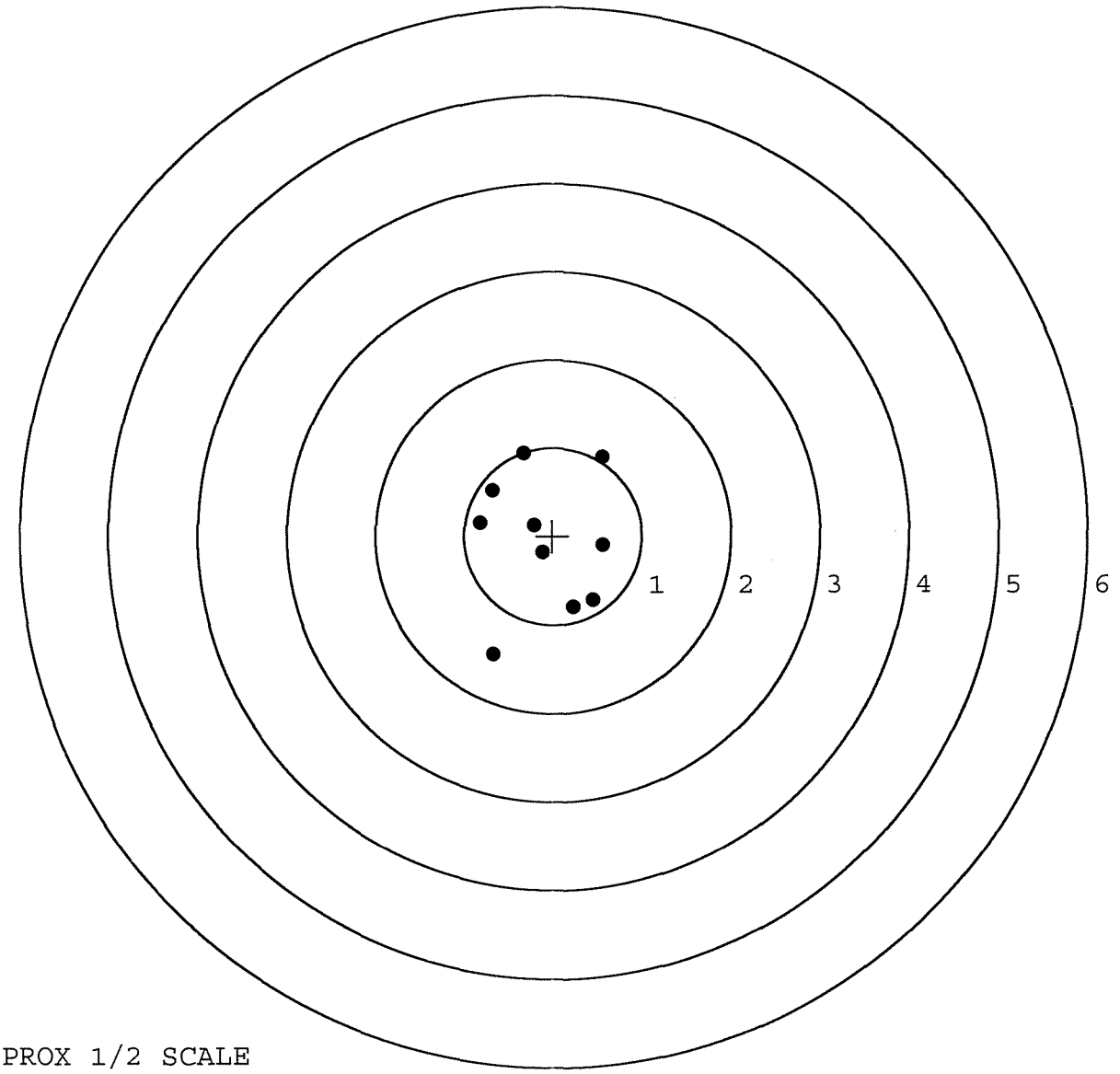



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225194.__0
TARGET NUMBER: 3
FILE DATE: 11/18/2004
FILE TIME: 10:01

| | |
|---|---|
| X CENTROID: | -0.105 |
| Y CENTROID: | -0.053 |
| POA TO CENTROID: | 0.118 |
| HORZ SPREAD: | 1.389 |
| VERT SPREAD: | 2.275 |
| GROUP SPREAD: | 2.549 |
| MIN RADIUS: | 0.134 |
| MAX RADIUS: | 1.403 |
| MEAN RADIUS: | 0.785 |
| # IN 1 IN DIAMETER: | 2 |
| # IN 2 IN DIAMETER: | 7 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.230 | -0.803 |
| 2: | 0.449 | -0.726 |
| 3: | -0.673 | -1.336 |
| 4: | 0.564 | -0.103 |
| 5: | 0.557 | 0.897 |
| 6: | -0.116 | -0.187 |
| 7: | -0.217 | 0.121 |
| 8: | -0.825 | 0.149 |
| 9: | -0.686 | 0.518 |
| 10: | -0.332 | 0.939 |

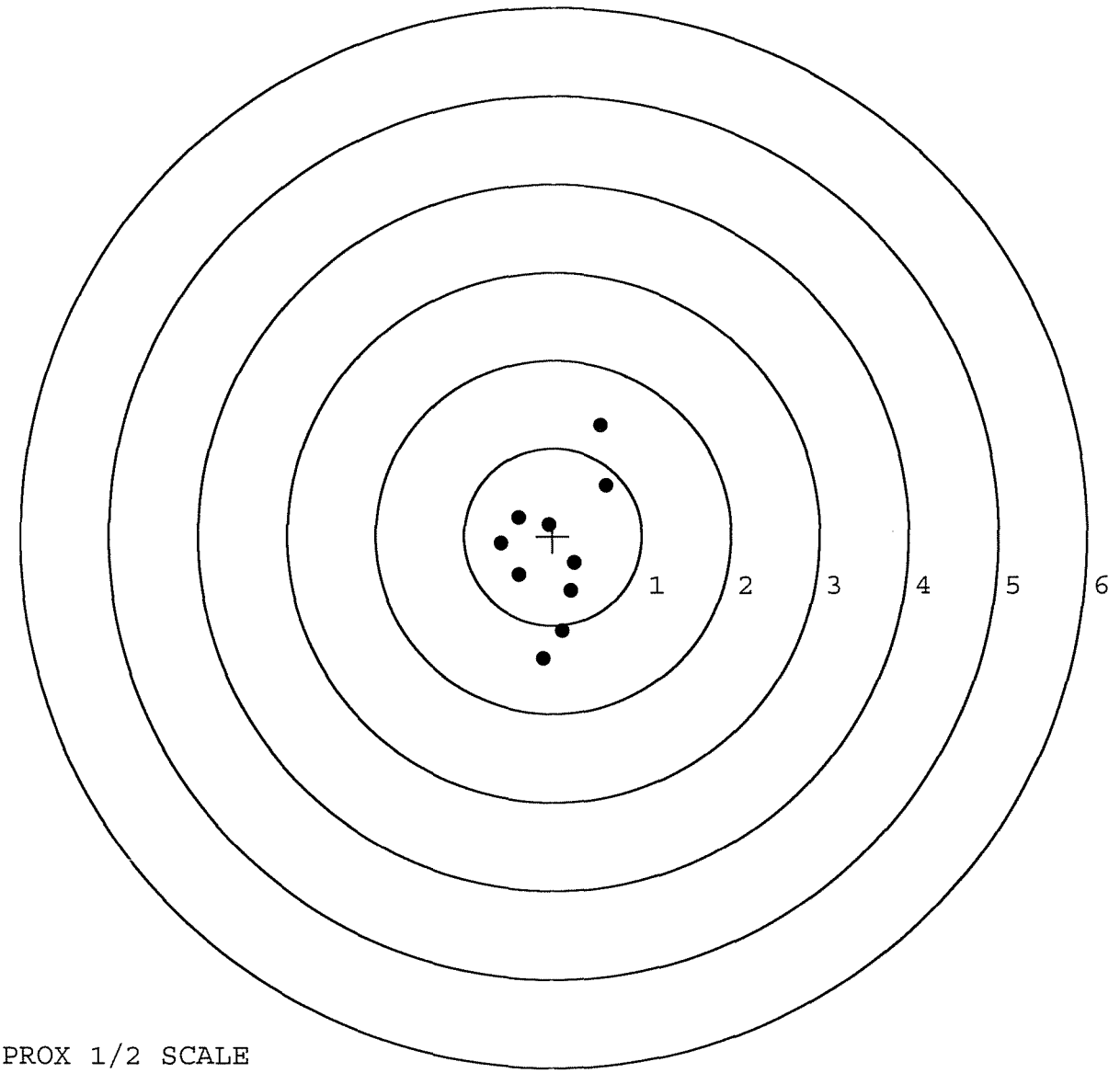



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225194.__0
TARGET NUMBER: 4
FILE DATE: 11/18/2004
FILE TIME: 10:01

| | |
|---|---|
| X CENTROID: | 0.018 |
| Y CENTROID: | -0.172 |
| POA TO CENTROID: | 0.173 |
| HORZ SPREAD: | 1.181 |
| VERT SPREAD: | 2.647 |
| GROUP SPREAD: | 2.723 |
| MIN RADIUS: | 0.262 |
| MAX RADIUS: | 1.522 |
| MEAN RADIUS: | 0.730 |
| # IN 1 IN DIAMETER: | 4 |
| # IN 2 IN DIAMETER: | 8 |
| # in 3 IN DIAMETER: | 9 |

| POINT# | X | Y |
|---|---|---|
| 1: | -0.109 | -1.386 |
| 2: | 0.112 | -1.072 |
| 3: | 0.204 | -0.619 |
| 4: | 0.246 | -0.302 |
| 5: | 0.596 | 0.576 |
| 6: | 0.529 | 1.261 |
| 7: | -0.041 | 0.133 |
| 8: | -0.392 | 0.210 |
| 9: | -0.585 | -0.088 |
| 10: | -0.380 | -0.437 |

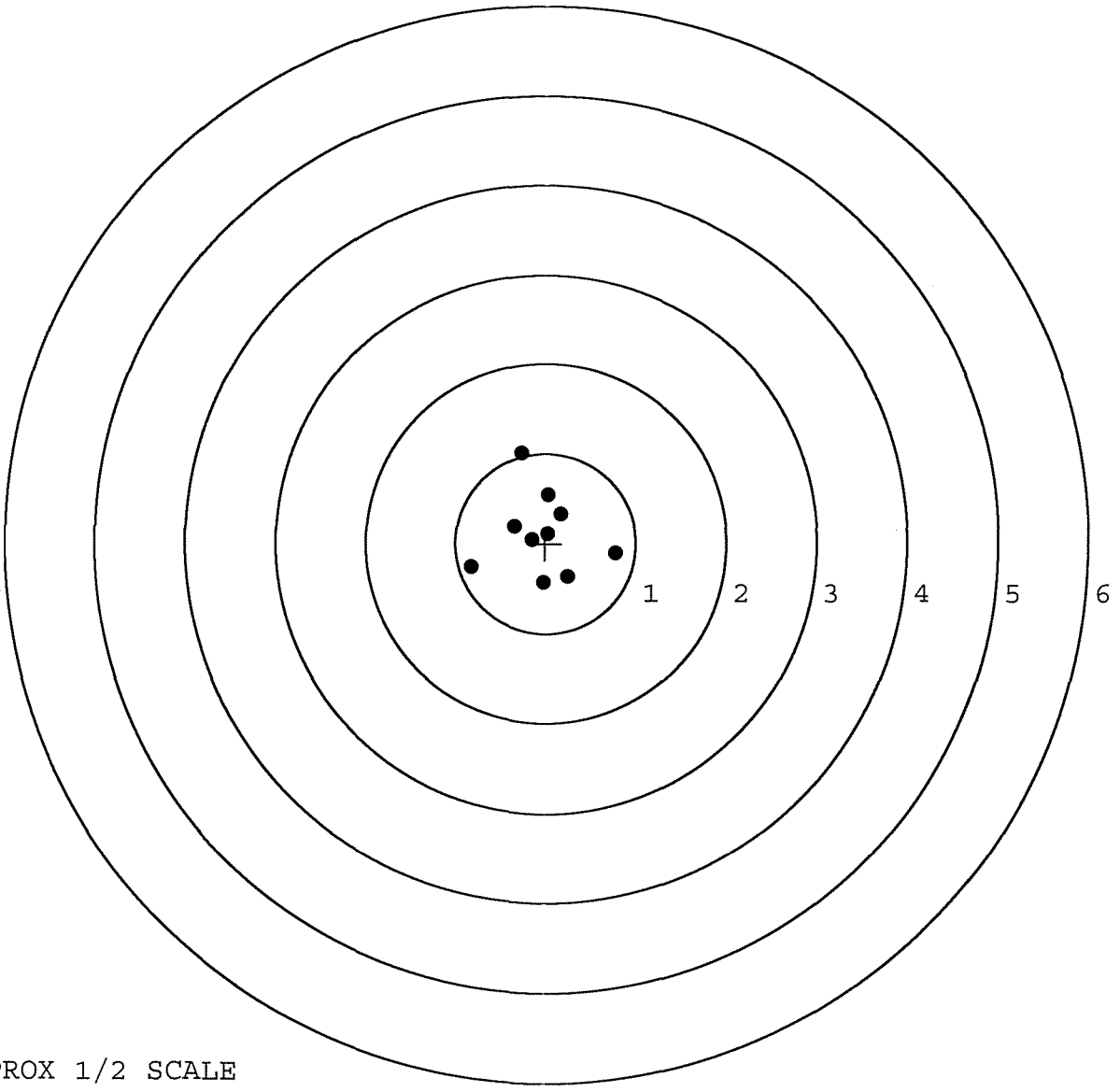



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225194.__0
TARGET NUMBER: 5
FILE DATE: 11/18/2004
FILE TIME: 10:01

| | |
|---|---|
| X CENTROID: | -0.036 |
| Y CENTROID: | 0.103 |
| POA TO CENTROID: | 0.109 |
| HORZ SPREAD: | 1.598 |
| VERT SPREAD: | 1.438 |
| GROUP SPREAD: | 1.530 |
| MIN RADIUS: | 0.068 |
| MAX RADIUS: | 0.928 |
| MEAN RADIUS: | 0.501 |
| # IN 1 IN DIAMETER: | 5 |
| # IN 2 IN DIAMETER: | 10 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.777 | -0.113 |
| 2: | -0.272 | 1.001 |
| 3: | -0.821 | -0.268 |
| 4: | -0.352 | 0.189 |
| 5: | 0.029 | 0.545 |
| 6: | 0.170 | 0.329 |
| 7: | 0.031 | 0.107 |
| 8: | -0.152 | 0.046 |
| 9: | -0.024 | -0.437 |
| 10: | 0.249 | -0.370 |




TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

| | | | |
|---|---|---|---|
| R & E NUMBER | 87074 | | |
| SERIAL NUMBER | C6225194 | | |
| LOG-IN DATE | 10-27-04 | | |
| INSPECT AND VERIFY: | | | |
| OPERATION # | OPERATION NAME | DATE | INITIAL |
| 550 | DIS-ASSEMBLE GUN | 10-30-04 | RTL |
| 560 A | RE-BARREL | 11-2-04 | RTL |
| B | DRILL AND TAP | 11-4-04 | TRW |
| 575 | ASSEMBLE | 11-2-04 | RTL |
| 600 | PROOF | 11-3-04 | RTL |
| 605 | CHECK HEADSPACE | 11-3-04 | RTL |
| 610 | DIS-ASSEMBLE GUN | 11-4-04 | RTL |
| 612 | MAGNAFLUX | OPERATOR | |
| 615 | ROLLMARK CALIBER | 11/5/04 | LB |
| 618 | ROTO-BLAST | 11-6-04 | LB |
| 620 | APPLY COATINGS | 11/9 | HP |
| 625 A | FINAL ASSEMBLY | 11-15-04 | RTL |
| B | TRIGGER PULL TEST | N/A | N |
| C | SAFETY "ON" FORCE | | |
| D | SAFETY "OFF" FORCE | | |
| E | FIRING PIN INDENT | | |
| 640 | TARGET | 11-19-04 | TRW |
| 655 | FINAL INSPECT | 11-18-04 | TC |
| 660 | PACK | 11-20-04 | DH |
| | | | |
| | | | |
| | | | |
| | | | |
| | | SHIP DATE | |
| | | | |
| | QAR INSPECTION DATE | | |

MAGNA-FLUX INSPECTED NOV 05 2004

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225194

| OP. # | OP. NAME | READINGS | DATE | INIT |
|---|---|---|---|---|
| 575 & 580 | Assemble Action and Stock | 4 12 | 89 | RW |
| 600 | Proof | 4 12 | 89 | RW |
| 607 | Check Headspace | 4 12 | 89 | RW |
| 610 | Dis-assemble Gun | 4 12 | 89 | RW |
| 612 | Magnaflux Barrel Action | | 4/13/89 | KCR |
| | Magnaflux Bolt | | 4/14/89 | KCR |
| 615 | Rollmark Caliber | | 4/15/89 | G.S. |
| 617 | Drill and Tap Sight Holes | 4 14 | 89 | SB |
| 618 | Polish Barrel RB | 4 14 | 89 | BT |
| 620 | Apply Coatings (Barrel Action) | | 4 20 89 | TSA |
| | Apply Coating (Bolt) | | | |
| 625 | Final Assembly A) Clean inside of Bolt Assembly | | 5/1/89 | RW |
| | B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head | | 5/1/89 | RW |
| | C) Inspect Ejector Hole for Chamfer | | 5/1/89 | RW |
| | D) Oil Firing Pin Ass'y | | 5/1/89 | RW |
| | E) Adjust Trigger Pull to Min Setting and Stake | | 5/1/89 | [illegible] |

| op. # | OP. NAME | READINGS | DATE | INIT |
|---|---|---|---|---|
| 625 cont. | F) Safety On Force | 6 6 6 | 5/2/89 | JH |
| | G) Safety Off Force | 3 3 3 | 5/2/89 | JH |
| | H) Trigger Pull Test & Retainability | | | |
| | I) Firing Pin Indent | .020.5 .020.5 .020.5 | 5/2/89 | JH |
| | J) Assemble Stock | | 5/3/89 | RW |
| | K) Assemble Swivel Studs | | 15May89 | JS |
| | L) Attach Front and Rear Sight Assemblies | | 5/3/89 | RW |
| | M) Iron Sight Alignment | | 5/3/89 | RW |
| | N) Detach Front & Rear Sights & place in numbered container | | 5/3/89 | RW |
| | O) Attach Scope to Rifle | | 5/3/89 | JH |
| | P) Detach & Attach Scope 20 Times | | 5/3/89 | JH |
| 640 | Gallery Target & Test | 68 R 84 L | 5/4/89 | DH |
| | A) Time | | 5/4/89 | DH |
| | B) Malfunctions | | 5/4/89 | DH |
| | C) Pierced Primers | | 5/4/89 | DH |
| | D) Optical Clearity of Scope | | 5/4/89 | DH |
| 645 | Inspect for Live Ammo | | 5/4/89 | DH |
| 655 | Final Inspection A) Headspace | | 15May89 | JS |
| | B) Trigger Pull | 2.73 2.77 2.61 2.79 2.62 | 15May89 | JS |
| | C) Function | | 15May89 | JS |
| 660 | Pack | | 26June89 | JS |

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

SERIAL NO. 5194
DATE 22 Mar 90
TESTER GS

| | 2.50# INITIAL | 2.50# AFTER 50 CYCLES | FINAL TEST & TO RESET 2.50# | | COMMENTS |
|---|---|---|---|---|---|
| PULL #1 | 238 | 247 | | 2.50 | MIN. SETTING, |
| PULL #2 | 239 | 234 | | 250 | NO AVG. OF 5 |
| PULL #3 | 239 | 238 | | 258 | READINGS ACCEPT- |
| PULL #4 | 240 | 247 | | 247 | ABLE LESS THAN 2# |
| PULL #5 | 235 | 247 | | 250 | |
| TOTAL | 1191 | 1213 | | 1255 | |
| AVG. | 2382 | 243 | | 251 | |

| | 3.00# INITIAL | 3.00# AFTER 20 CYCLES | | COMMENTS |
|---|---|---|---|---|
| PULL #1 | 332 | 329 | | — |
| PULL #2 | 307 | 329 | | |
| PULL #3 | 325 | 327 | | |
| PULL #4 | 329 | 336 | | |
| PULL #5 | 328 | 333 | | |
| TOTAL | 1621 | 1654 | | |
| AVG. | 3242 | 3308 | | |

| | 4.00# INITIAL | 4.00# AFTER 20 CYCLES | MAX SETTING GREATER THAN 4# | RESET TO 4# FOR TARGET & ACCURACY |
|---|---|---|---|---|
| PULL #1 | 400 | 411 | | |
| PULL #2 | 405 | 405 | | |
| PULL #3 | 418 | 412 | | |
| PULL #4 | 400 | 413 | | |
| PULL #5 | 410 | 404 | | |
| TOTAL | 2033 | 2045 | | |
| AVG. | 4066 | 409 | | |

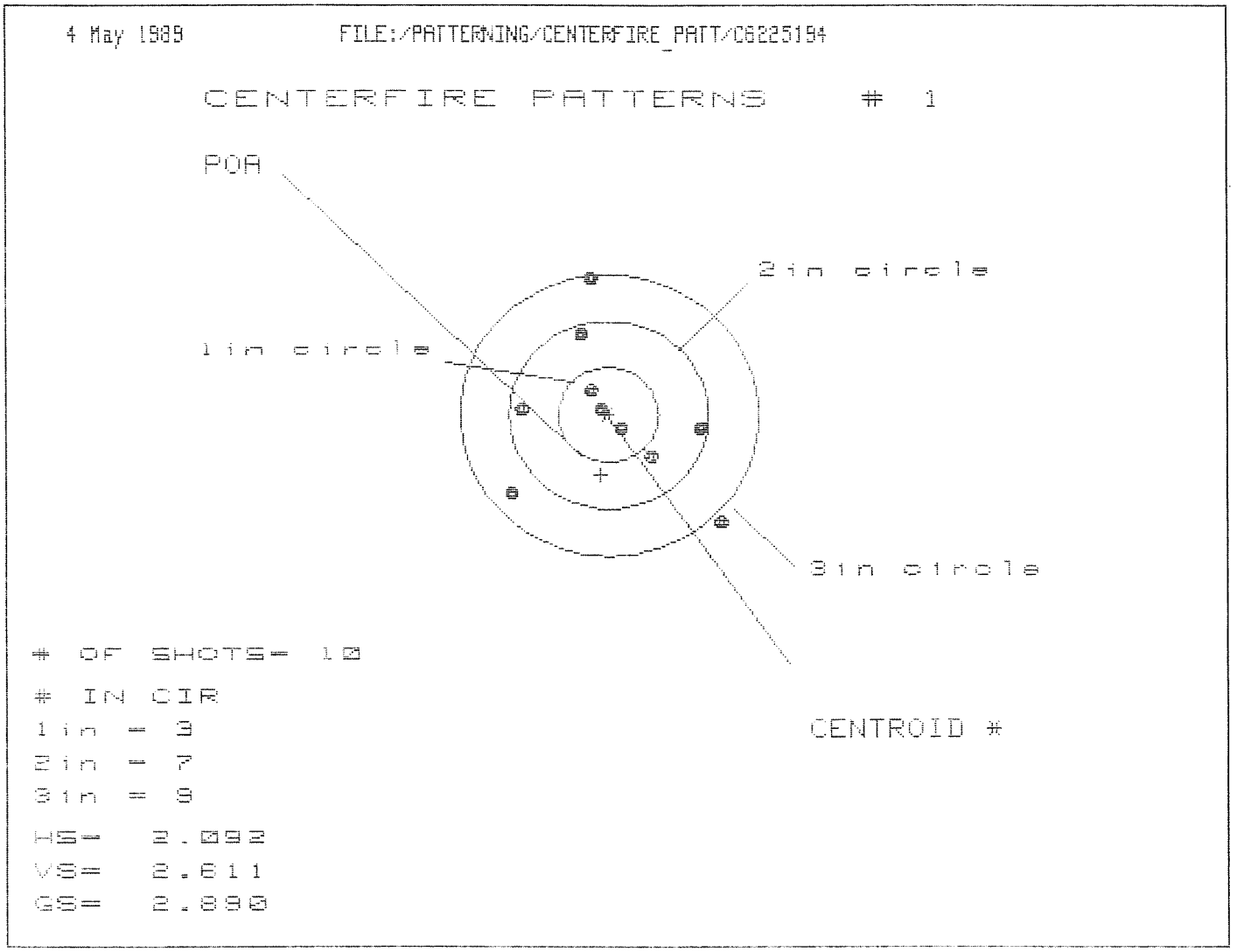
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225194
4 May 1989

CENTROIDAL DISTANCES

| | | | |
|---|---|---|---|
| 0 | TO | 1 | .64549 |
| 1 | TO | 2 | .681878 |
| 1 | TO | 3 | .692701 |
| 1 | TO | 4 | .514844 |
| 1 | TO | 5 | .553112 |


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3644
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3154
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .481938

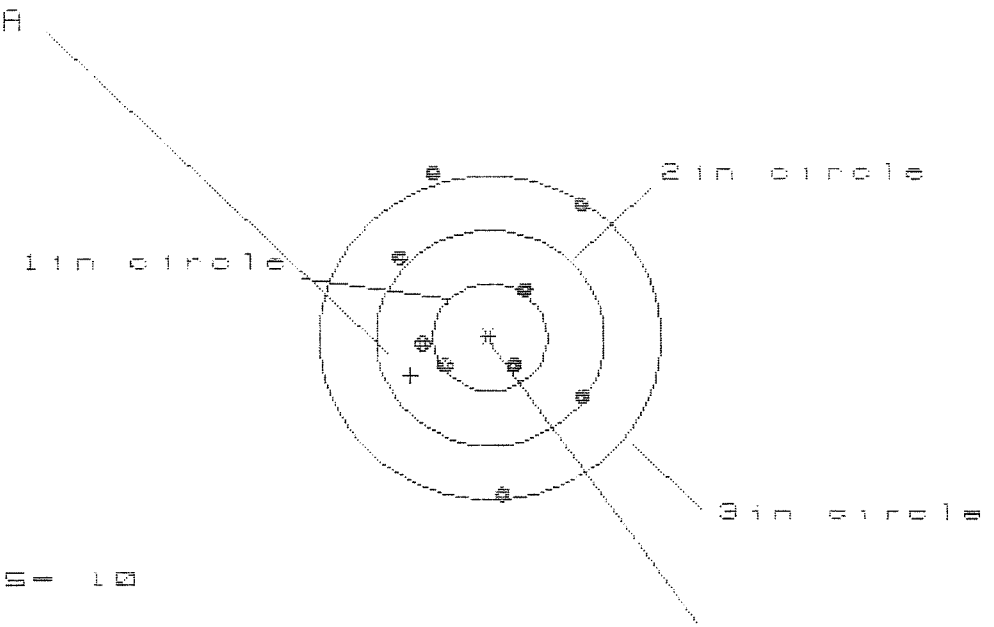
THE AMR FOR THIS RIFLE IS: .935




| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 1 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.109 | 1.059 | 1.058 |
| MINIMUM X | : | -.983 | -.860 | -.861 |
| MAXIMUM Y | : | 1.476 | 1.350 | .935 |
| MINIMUM Y | : | -1.135 | -1.006 | -.837 |
| CENTROID X | : | .076 | -.047 | -.046 |
| CENTROID Y | : | .641 | .767 | .598 |
| POA TO CENTROID in. | : | .645 | .768 | .600 |
| MIN RADIUS | : | .103 | .085 | .095 |
| MEAN RADIUS | : | .837 | .743 | .664 |
| MAX RADIUS | : | 1.587 | 1.350 | 1.201 |
| HORIZONTAL SPREAD | : | 2.092 | 1.919 | 1.919 |
| VERTICAL SPREAD | : | 2.611 | 2.356 | 1.772 |
| EXTREME SPREAD | : | 2.890 | 2.506 | 2.068 |
| NUMBER IN ONE INCH CIRCLE | = | | 3 | |
| NUMBER IN TWO INCH CIRCLE | = | | 7 | |
| NUMBER IN THREE INCH CIRCLE | = | | 9 | |

4 May 1989 FILE:/PATTERNING/CENTERFIRE_PATT/08225194

# CENTERFIRE PATTERNS # 2

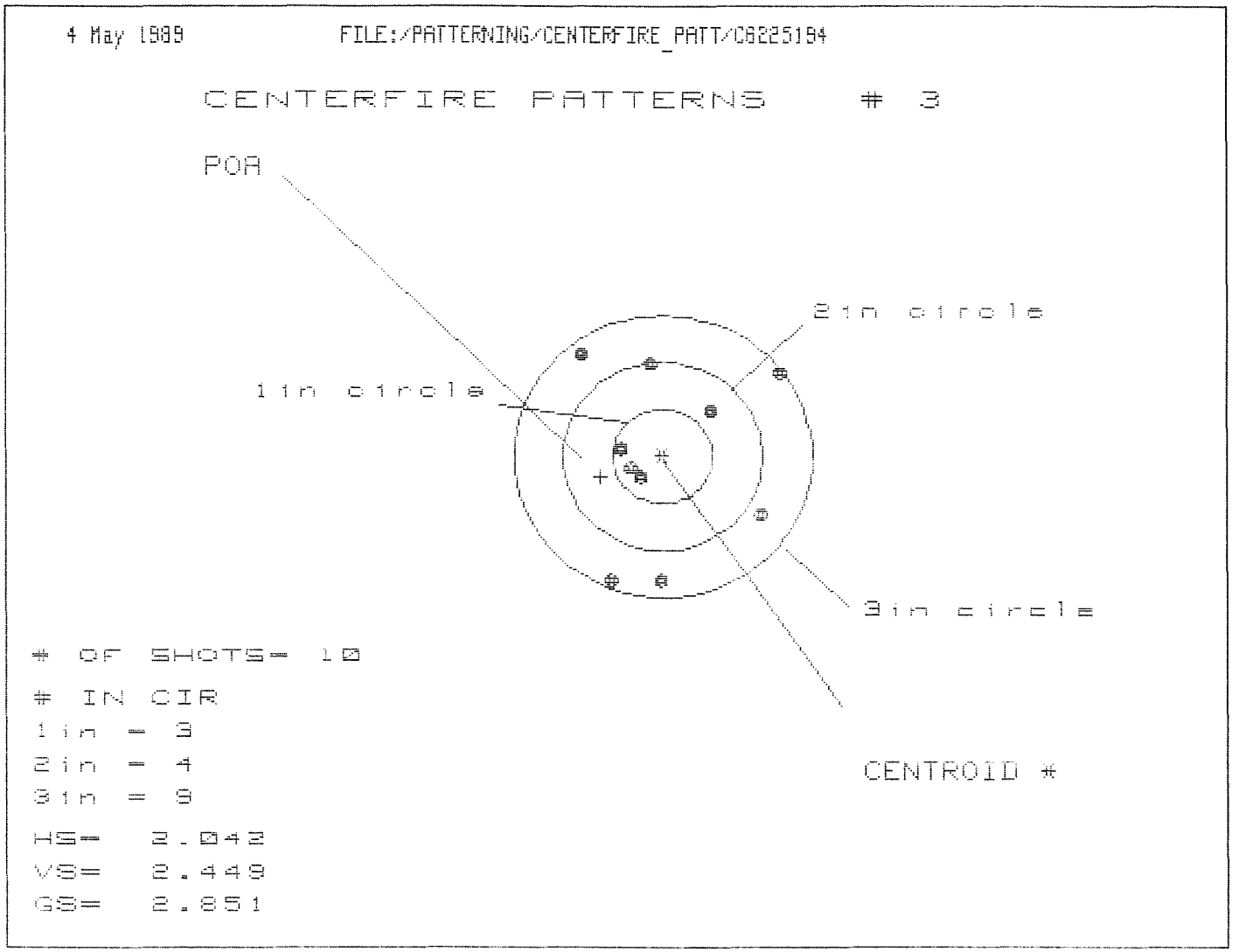



# OF SHOTS= 10

| # IN CIR | |
|---|---|
| 1in = | 1 |
| 2in = | 4 |
| 3in = | 9 |

HS= 1.590
VS= 3.007
GS= 3.070

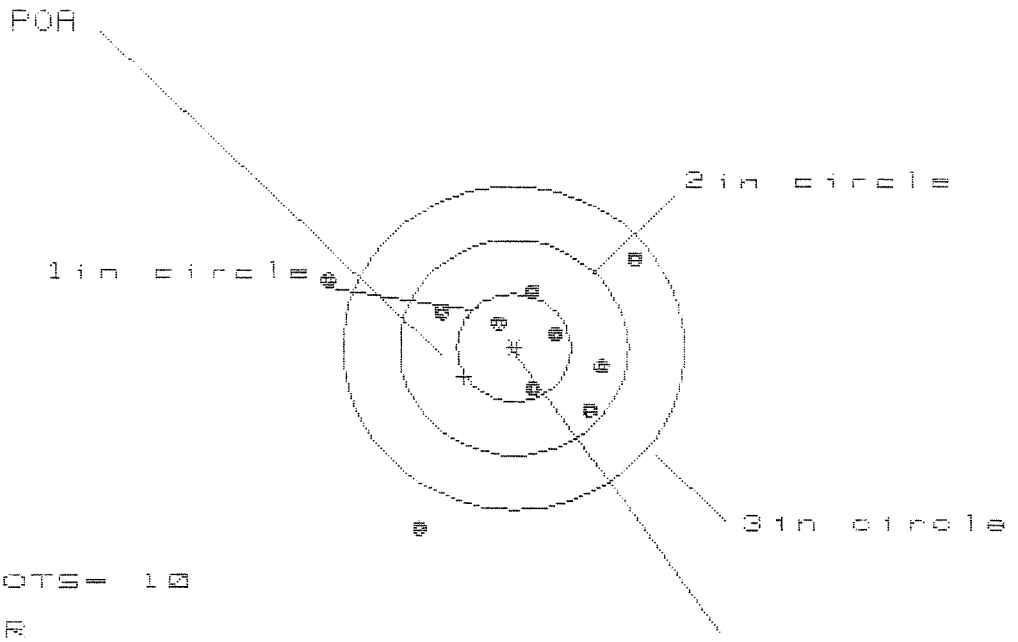
| PATTERN # | : | 2 | | |
|---|---|---|---|---|
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | .836 | .777 | .866 |
| MINIMUM X | : | -.754 | -.813 | -.716 |
| MAXIMUM Y | : | 1.566 | 1.405 | 1.112 |
| MINIMUM Y | : | -1.441 | -1.267 | -1.091 |
| CENTROID X | : | .695 | .754 | .657 |
| CENTROID Y | : | .355 | .181 | .005 |
| POA TO CENTROID in. | : | .781 | .776 | .657 |
| MIN RADIUS | : | .272 | .114 | .241 |
| MEAN RADIUS | : | 1.005 | .912 | .820 |
| MAX RADIUS | : | 1.653 | 1.606 | 1.322 |
| HORIZONTAL SPREAD | : | 1.590 | 1.590 | 1.582 |
| VERTICAL SPREAD | : | 3.007 | 2.672 | 2.203 |
| EXTREME SPREAD | : | 3.070 | 2.774 | 2.360 |
| NUMBER IN ONE INCH CIRCLE | = | | 1 | |
| NUMBER IN TWO INCH CIRCLE | = | | 4 | |
| NUMBER IN THREE INCH CIRCLE | = | | 9 | |




| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 3 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.208 | 1.075 | 1.024 |
| MINIMUM X | : | -.834 | -.700 | -.751 |
| MAXIMUM Y | : | 1.105 | 1.205 | 1.050 |
| MINIMUM Y | : | -1.344 | -1.244 | -1.392 |
| CENTROID X | : | .623 | .489 | .540 |
| CENTROID Y | : | .216 | .116 | .271 |
| POA TO CENTROID in. | : | .659 | .502 | .605 |
| MIN RADIUS | : | .348 | .181 | .306 |
| MEAN RADIUS | : | .965 | .870 | .817 |
| MAX RADIUS | : | 1.507 | 1.394 | 1.395 |
| HORIZONTAL SPREAD | : | 2.042 | 1.775 | 1.775 |
| VERTICAL SPREAD | : | 2.449 | 2.449 | 2.442 |
| EXTREME SPREAD | : | 2.851 | 2.585 | 2.585 |
| NUMBER IN ONE INCH CIRCLE | = | | 3 | |
| NUMBER IN TWO INCH CIRCLE | = | | 4 | |
| NUMBER IN THREE INCH CIRCLE | = | | 9 | |

4 May 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6225194

# CENTERFIRE PATTERNS # 4

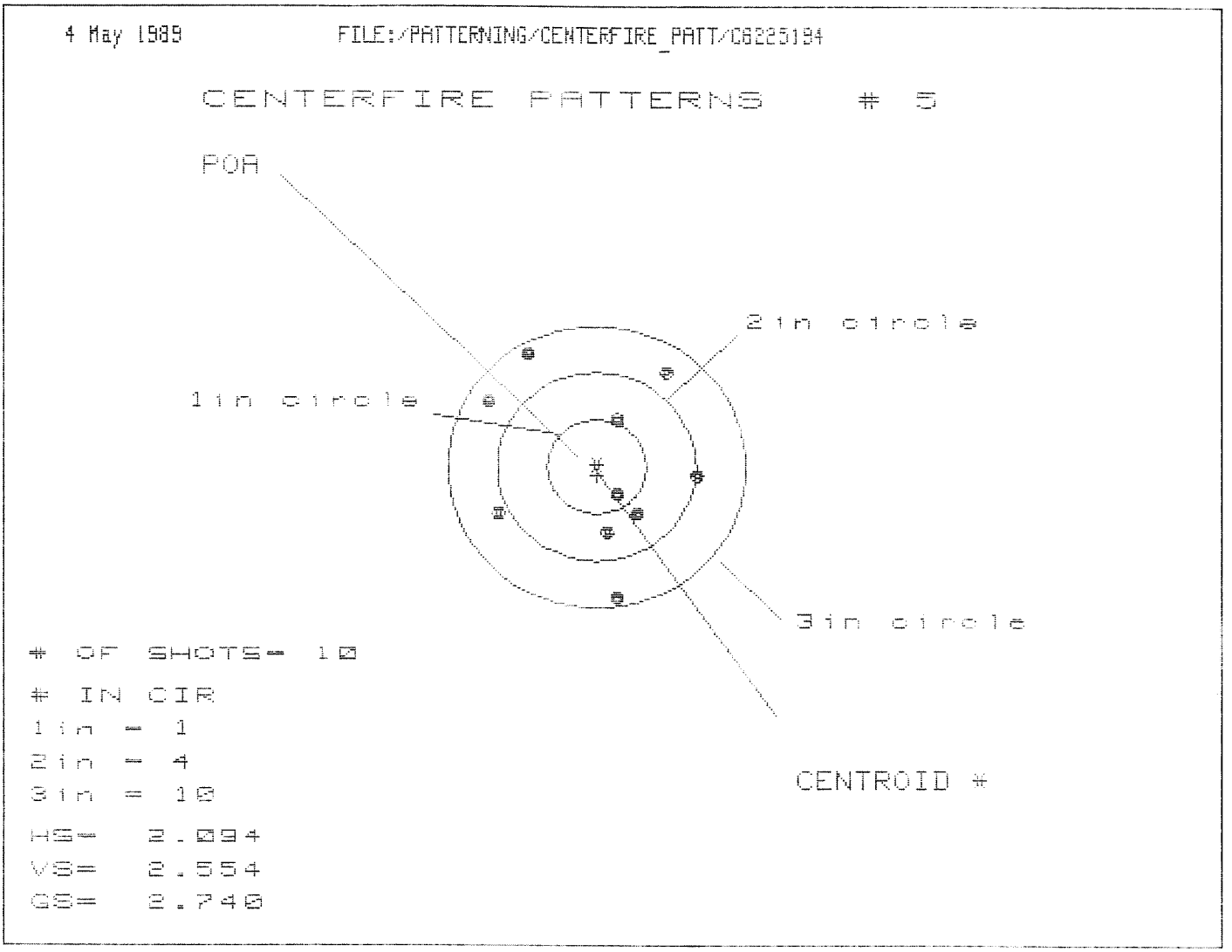



# OF SHOTS= 10

| # IN CIR | |
|---|---|
| 1in | = 3 |
| 2in | = 7 |
| 3in | = 8 |

HS= 2.690
VS= 2.498
GS= 3.097

| PATTERN # | : | 4 | | |
|---|---|---|---|---|
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.026 | .936 | .717 |
| MINIMUM X | : | -1.664 | -1.754 | -.935 |
| MAXIMUM Y | : | .849 | .665 | .720 |
| MINIMUM Y | : | -1.649 | -.772 | -.718 |
| CENTROID X | : | .434 | .524 | .743 |
| CENTROID Y | : | .271 | .455 | .401 |
| POA TO CENTROID in. | : | .512 | .694 | .844 |
| MIN RADIUS | : | .287 | .209 | .065 |
| MEAN RADIUS | : | .899 | .761 | .597 |
| MAX RADIUS | : | 1.836 | 1.807 | 1.016 |
| HORIZONTAL SPREAD | : | 2.690 | 2.690 | 1.652 |
| VERTICAL SPREAD | : | 2.498 | 1.437 | 1.437 |
| EXTREME SPREAD | : | 3.097 | 2.700 | 1.720 |
| NUMBER IN ONE INCH CIRCLE | = | | 3 | |
| NUMBER IN TWO INCH CIRCLE | = | | 7 | |
| NUMBER IN THREE INCH CIRCLE | = | | 8 | |




| PATTERN # | : | 5 | | |
|---|---|---|---|---|
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.044 | .962 | .983 |
| MINIMUM X | : | -1.050 | -1.132 | -1.111 |
| MAXIMUM Y | : | 1.200 | 1.180 | 1.028 |
| MINIMUM Y | : | -1.354 | -1.221 | -.742 |
| CENTROID X | : | -.006 | .076 | .055 |
| CENTROID Y | : | .094 | -.039 | .113 |
| POA TO CENTROID in. | : | .094 | .085 | .126 |
| MIN RADIUS | : | .391 | .234 | .378 |
| MEAN RADIUS | : | .969 | .885 | .856 |
| MAX RADIUS | : | 1.410 | 1.423 | 1.319 |
| HORIZONTAL SPREAD | : | 2.094 | 2.094 | 2.094 |
| VERTICAL SPREAD | : | 2.554 | 2.401 | 1.770 |
| EXTREME SPREAD | : | 2.740 | 2.457 | 2.255 |
| NUMBER IN ONE INCH CIRCLE | = | | 1 | |
| NUMBER IN TWO INCH CIRCLE | = | | 4 | |
| NUMBER IN THREE INCH CIRCLE | = | | 10 | |