C652236
MODEL 700 TH M24
Model 5/16 TH
Action
Barrel Length
Capacity
Order No. 27156
*Includes 1 in chamber.
Remington

11/02/07 13:12:00

Arms 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: RE00136221

Verify Repair

Serial: C6522236 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 11/2/2007 10:17:03 AM

**Address Information**

| Customer: (Received From) | | Return To: (Received From) | |
|---|---|---|---|
| Name: | BARRY MOBERLY | | BARRY MOBERLY |
| Address 1: | L-3 COMMUNICATIONS | | L-3 COMMUNICATIONS |
| Address 2: | 5749 BRIAR HILL RD BLDG 221 PO Box: | | 5749 BRIAR HILL RD BLDG 221 PO Box: |
| City: | LEXINGTON | | LEXINGTON |
| State: | KY Zip Code: 40516 Country: US | State: | KY Zip Code: 40516 Country: US |

FFL:

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

**Contact Information**

Phone: NN
Fax:
Email:
Comments:

**Received Condition**

Fair
Condition Notes:
CSR Notes:

**Accessories Received**

| Code | Desc | Qty |
|---|---|---|
| A007 | With Stud | 3 |
| A008 | With Swivel | 3 |
| A010 | Hard Case | 1 |
| A026 | Scope | 1 |
| A055 | Deployment Kit | 1 |
| D000 | SCOPE CASE | 1 |

Repair Search | Refresh | Close

nagletj | 11/2/2007 | 1:12 PM | CAPS | NUM | INS | SCRL

Start | 2 Mi... | 5 Int... | 4 Mi... | Part S... | longo... | Arms ... | 1:11 PM

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER 136221

SERIAL NUMBER C6522236

LOG-IN DATE 11-7-07

| OPERATION # | OPERATION NAME | | DATE | INITIAL |
|---|---|---|---|---|
| 500 | DIS-ASSEMBLE GUN | | 7-10-08 | RTZ |
| 505 | RE-BARREL | | 7-18-08 | RTZ |
| 560 | ASSEMBLE | MAGNA - FLUX JUL 23 2008 | 7-15-08 | RSN |
| 600 | PROOF | | 7-16-08 | TRW |
| 605 | CHECK HEADSPACE | | 7-16-08 | TRW |
| 610 | DIS-ASSEMBLE GUN | OPERATOR 13/A | 7-18-08 | RTZ |
| 612 | MAGNAFLUX | | 7/25/08 | BM |
| 510 | DRILL AND TAP | | 7-19-08 | SP |
| 615 | ROLLMARK CALIBER | | 7/25/08 | RT |
| 618 | ROTO-BLAST | | 7/28/08 | DG |
| 620 | APPLY COATINGS | | 8/1 | [illegible] |
| 625 | FINAL ASSEMBLY | | 8-5-08 | RTZ |
| 640 | FUNCTION TEST AND | PASS FAIL | 8-28-08 | FM |
| 650 | TARGET | PASS FAIL | 8-25-08 | FM |
| | MALFUNCTION | CORRECTION | | |
| | MALFUNCTION | CORRECTION | | |
| | MALFUNCTION | CORRECTION NA | | |
| | MALFUNCTION | CORRECTION | 8-28-08 | TRW |
| 670 | FINAL INSPECTION | | 9-8-08 | RTZ |
| | A) HEADSPACE | PASS FAIL | 9-8-08 | RTZ |
| | B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS) | 2.18 2.18 2.18 2.03 2.18 | 9-8-08 | RSN |
| 680 | F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX) | 7.50 7.50 7.58 | 9-8-08 | RTZ |
| | G) SAFETY OFF FORCE (2 LBS MIN) | 4.0 4.0 4.0 | 9-8-08 | RTZ |
| | I) FIRING PIN INDENT (.020) | .023 .023 .023 | 9-8-08 | RTZ |
| 690 | PACK | | 9-5-08 | TZ |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522236.__0
FILE DATE AND TIME: 08/28/2008 10:20

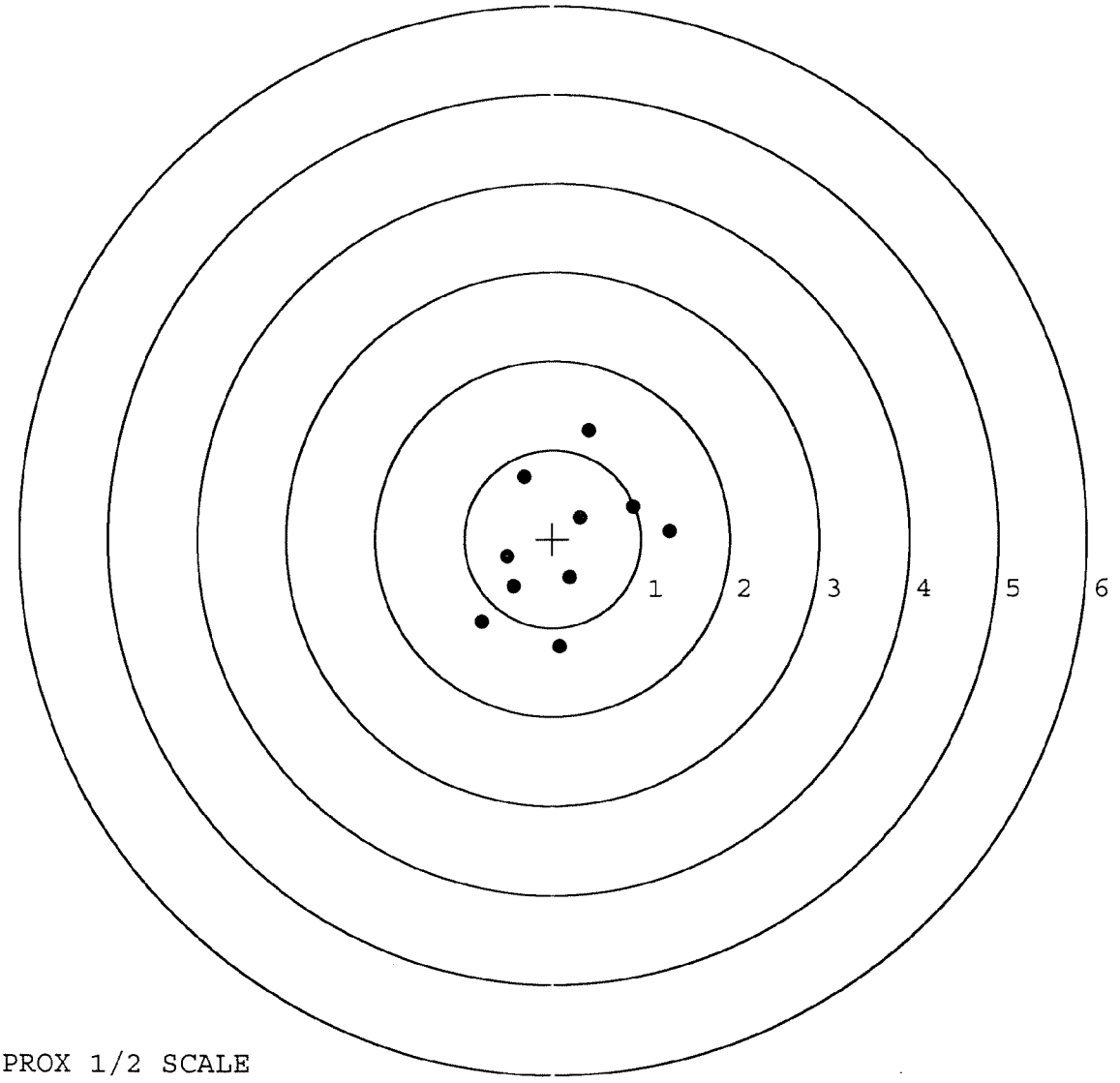
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

| | |
|---|---|
| The Average X Centroid of the Five Target Set: | 0.056 |
| The Average Y Centroid of the Five Target Set: | -0.103 |
| The Average Point of Impact of the Five Target Set: | 0.117 |
| The Average Mean Radius of the Five Target Set: | 0.604 |
| The Distance from POA to Centroid Target #1: | 0.136 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.019 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.150 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.190 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.075 |

SERIAL NUMBER: C6522236.__0
TARGET NUMBER: 1
FILE DATE: 08/28/2008
FILE TIME: 10:20

| | |
|---|---|
| X CENTROID: | 0.115 |
| Y CENTROID: | -0.072 |
| POA TO CENTROID: | 0.136 |
| HORZ SPREAD: | 2.126 |
| VERT SPREAD: | 2.432 |
| GROUP SPREAD: | 2.477 |
| MIN RADIUS: | 0.371 |
| MAX RADIUS: | 1.320 |
| MEAN RADIUS: | 0.887 |
| # IN 1 IN DIAMETER: | 2 |
| # IN 2 IN DIAMETER: | 6 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | -0.518 | -0.203 |
| 2: | -0.444 | -0.534 |
| 3: | -0.802 | -0.946 |
| 4: | 0.085 | -1.217 |
| 5: | 0.195 | -0.439 |
| 6: | 0.311 | 0.243 |
| 7: | 0.913 | 0.369 |
| 8: | 1.324 | 0.088 |
| 9: | 0.409 | 1.215 |
| 10: | -0.321 | 0.702 |



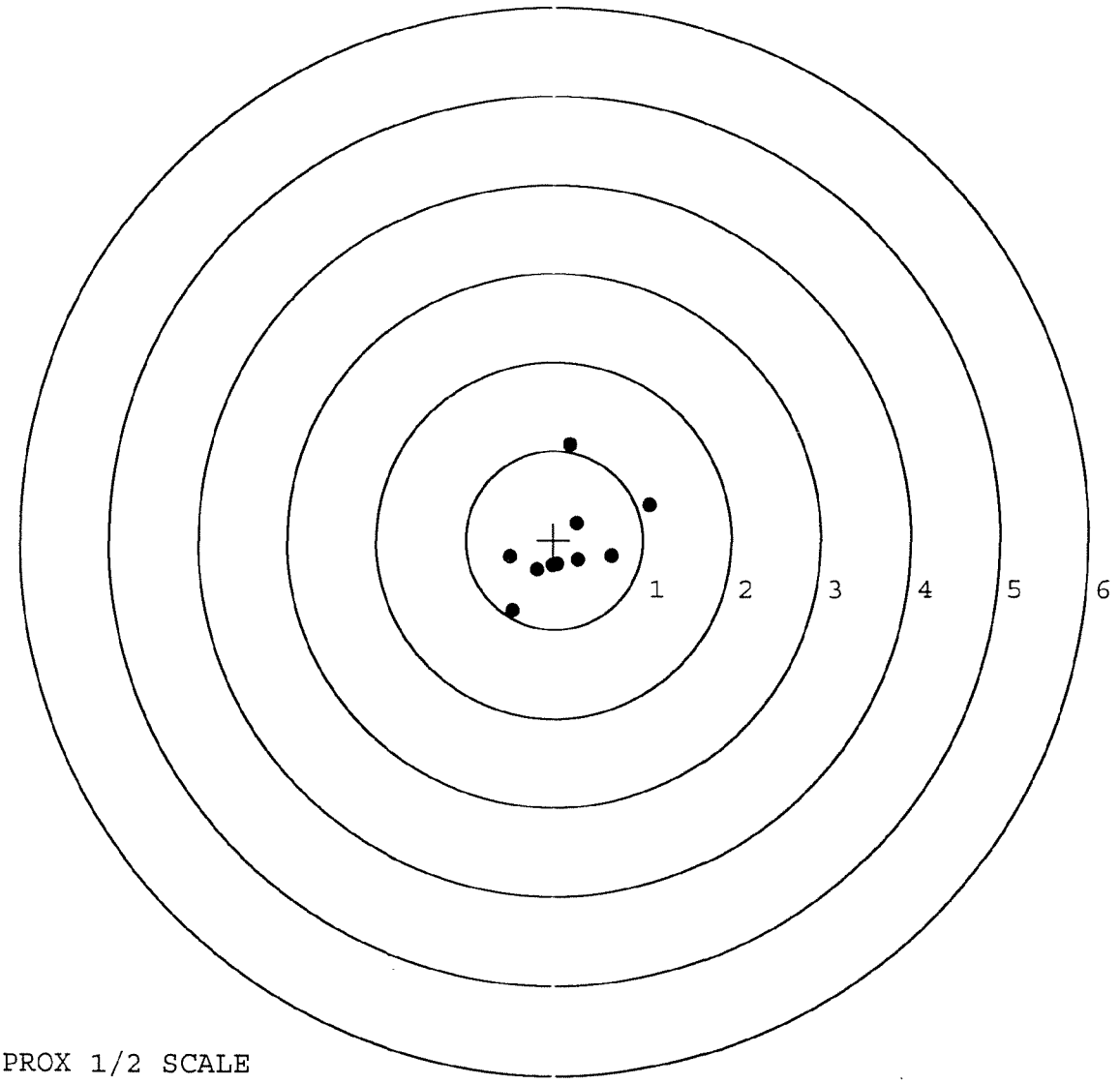

TARGET APPROX 1/2 SCALE

**BARBER - M24 0002482**

SERIAL NUMBER: C6522236.__0
TARGET NUMBER: 2
FILE DATE: 08/28/2008
FILE TIME: 10:20

| | |
|---|---|
| X CENTROID: | 0.131 |
| Y CENTROID: | -0.063 |
| POA TO CENTROID: | 0.145 |
| HORZ SPREAD: | 1.573 |
| VERT SPREAD: | 1.868 |
| GROUP SPREAD: | 1.980 |
| MIN RADIUS: | 0.214 |
| MAX RADIUS: | 1.136 |
| MEAN RADIUS: | 0.572 |
| # IN 1 IN DIAMETER: | 5 |
| # IN 2 IN DIAMETER: | 8 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | -0.475 | -0.796 |
| 2: | -0.495 | -0.188 |
| 3: | -0.187 | -0.337 |
| 4: | 0.042 | -0.268 |
| 5: | 0.274 | -0.222 |
| 6: | 0.655 | -0.183 |
| 7: | 0.259 | 0.188 |
| 8: | 1.078 | 0.387 |
| 9: | -0.020 | -0.280 |
| 10: | 0.180 | 1.072 |



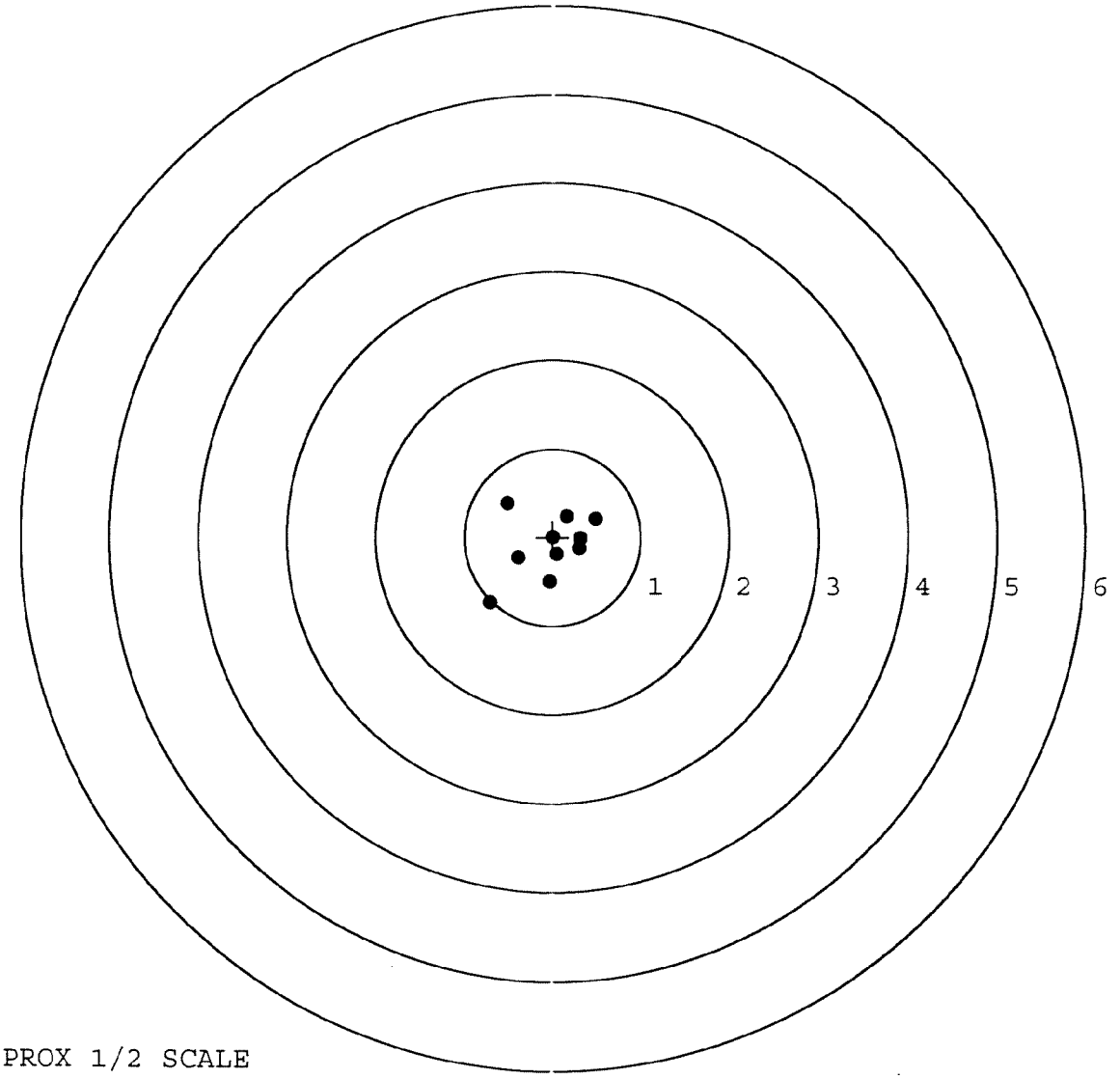

TARGET APPROX 1/2 SCALE

**BARBER - M24 0002483**

SERIAL NUMBER: C6522236.__0
TARGET NUMBER: 3
FILE DATE: 08/28/2008
FILE TIME: 10:20

| | |
|---|---|
| X CENTROID: | -0.032 |
| Y CENTROID: | -0.101 |
| POA TO CENTROID: | 0.106 |
| HORZ SPREAD: | 1.201 |
| VERT SPREAD: | 1.127 |
| GROUP SPREAD: | 1.534 |
| MIN RADIUS: | 0.107 |
| MAX RADIUS: | 0.934 |
| MEAN RADIUS: | 0.434 |
| # IN 1 IN DIAMETER: | 7 |
| # IN 2 IN DIAMETER: | 10 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.005 | 0.000 |
| 2: | -0.708 | -0.745 |
| 3: | -0.040 | -0.510 |
| 4: | -0.388 | -0.238 |
| 5: | 0.049 | -0.196 |
| 6: | 0.304 | -0.129 |
| 7: | 0.315 | -0.017 |
| 8: | 0.493 | 0.210 |
| 9: | 0.165 | 0.236 |
| 10: | -0.516 | 0.382 |



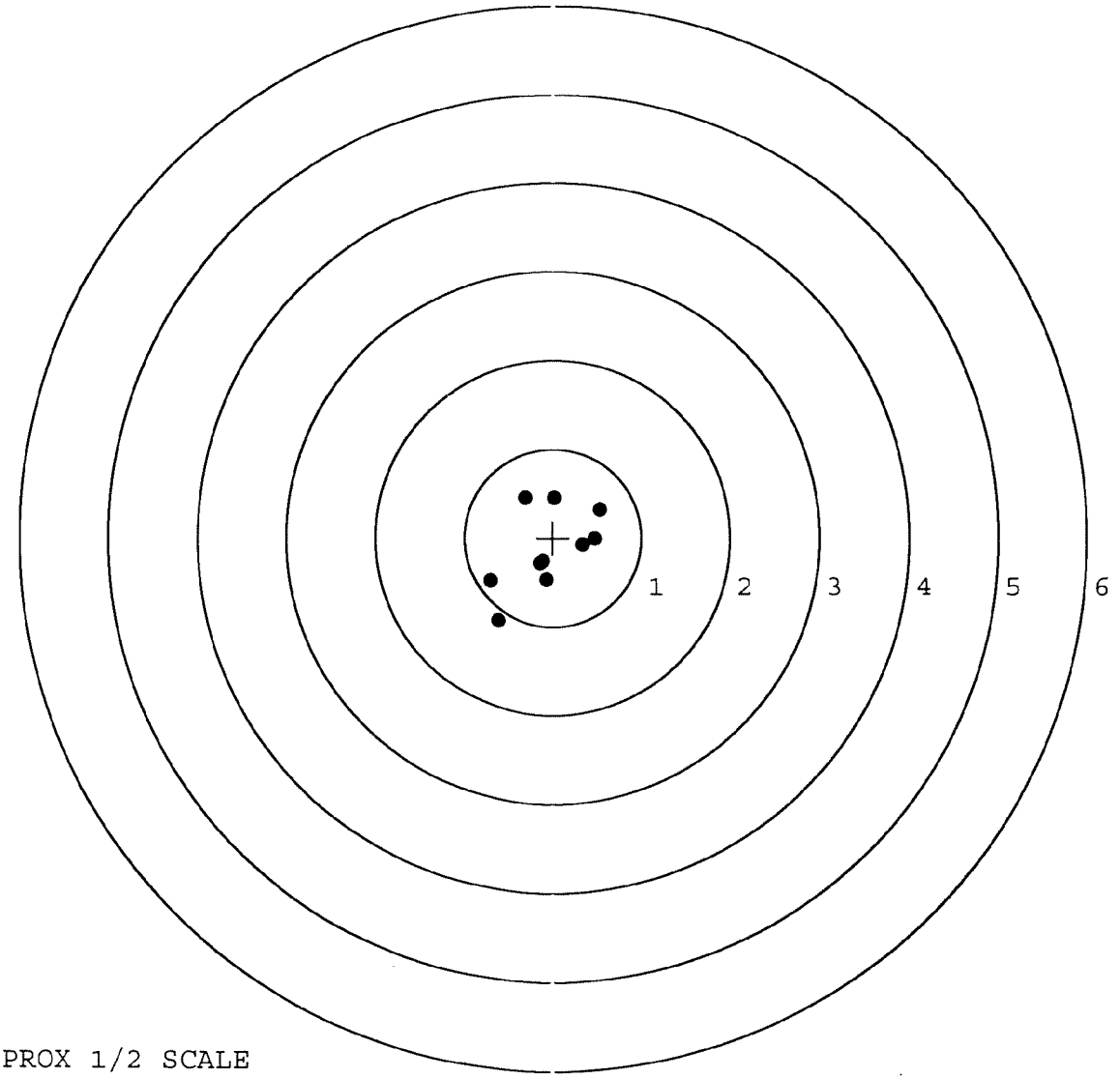

TARGET APPROX 1/2 SCALE

**BARBER - M24 0002484**

SERIAL NUMBER: C6522236.__0
TARGET NUMBER: 4
FILE DATE: 08/28/2008
FILE TIME: 10:20

| | |
|---|---|
| X CENTROID: | -0.064 |
| Y CENTROID: | -0.134 |
| POA TO CENTROID: | 0.149 |
| HORZ SPREAD: | 1.239 |
| VERT SPREAD: | 1.387 |
| GROUP SPREAD: | 1.703 |
| MIN RADIUS: | 0.136 |
| MAX RADIUS: | 0.978 |
| MEAN RADIUS: | 0.529 |
| # IN 1 IN DIAMETER: | 4 |
| # IN 2 IN DIAMETER: | 10 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | -0.709 | -0.491 |
| 2: | -0.621 | -0.939 |
| 3: | -0.080 | -0.476 |
| 4: | -0.115 | -0.260 |
| 5: | 0.336 | -0.082 |
| 6: | 0.467 | -0.018 |
| 7: | 0.530 | 0.316 |
| 8: | 0.017 | 0.448 |
| 9: | -0.317 | 0.448 |
| 10: | -0.153 | -0.288 |

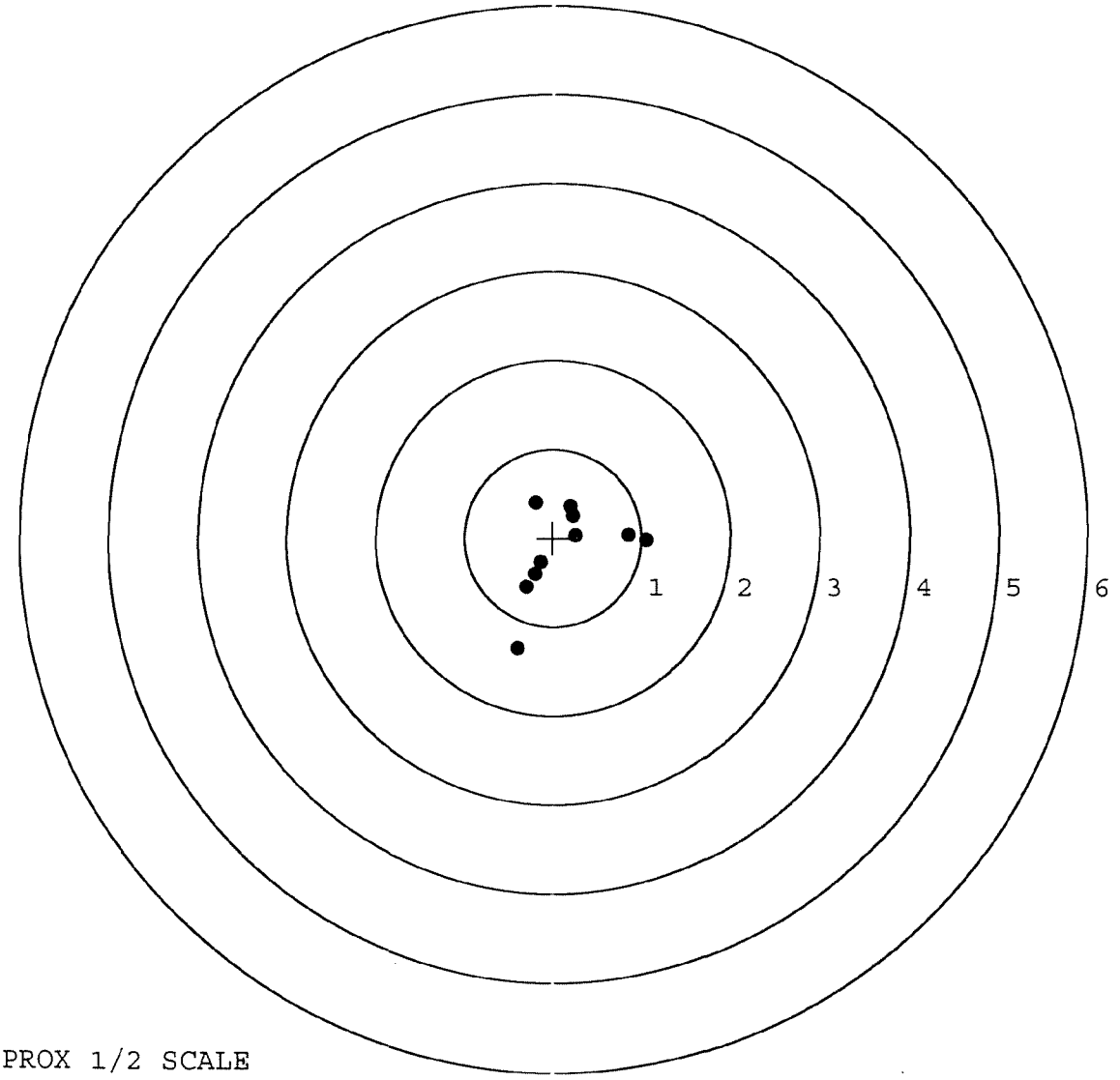



TARGET APPROX 1/2 SCALE

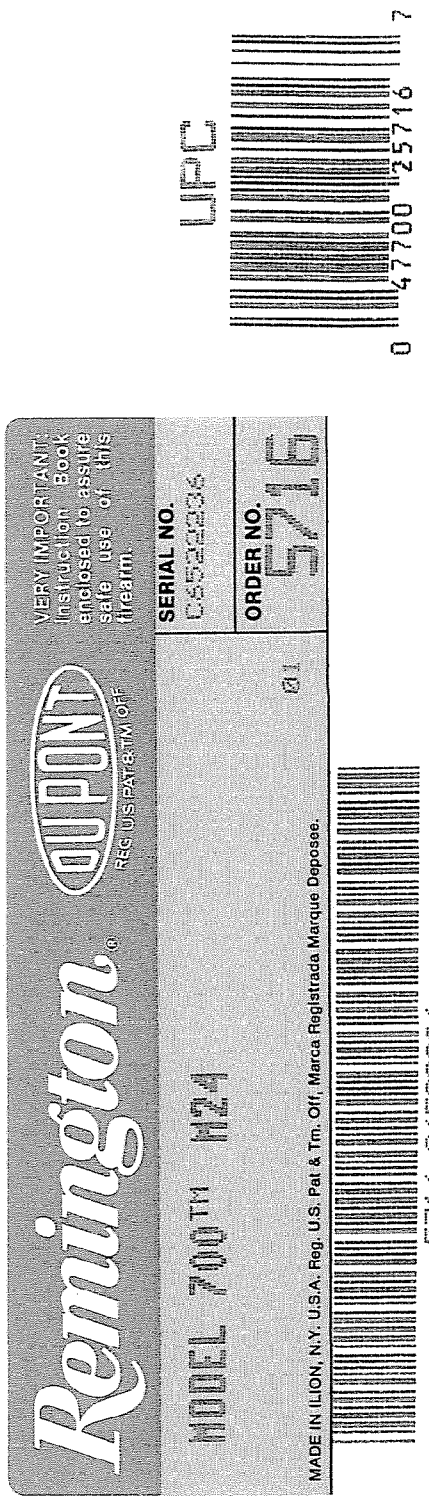
SERIAL NUMBER: C6522236.__0
TARGET NUMBER: 5
FILE DATE: 08/28/2008
FILE TIME: 10:20

| | |
|---|---|
| X CENTROID: | 0.132 |
| Y CENTROID: | -0.145 |
| POA TO CENTROID: | 0.196 |
| HORZ SPREAD: | 1.463 |
| VERT SPREAD: | 1.652 |
| GROUP SPREAD: | 1.907 |
| MIN RADIUS: | 0.214 |
| MAX RADIUS: | 1.231 |
| MEAN RADIUS: | 0.600 |
| # IN 1 IN DIAMETER: | 4 |
| # IN 2 IN DIAMETER: | 9 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | -0.300 | -0.557 |
| 2: | -0.201 | -0.408 |
| 3: | -0.144 | -0.274 |
| 4: | 1.058 | -0.029 |
| 5: | 0.852 | 0.038 |
| 6: | 0.256 | 0.029 |
| 7: | 0.222 | 0.253 |
| 8: | 0.187 | 0.354 |
| 9: | -0.205 | 0.399 |
| 10: | -0.405 | -1.253 |




TARGET APPROX 1/2 SCALE


Remington
DUPONT
Reg. U.S. Pat. & T.M. Off.
VERY IMPORTANT
Instruction Book enclosed to assure safe use of this firearm.
MODEL 700 TM M24
SERIAL NO.
C552235
ORDER NO.
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.
5716 C552235
UPC
0 47700 25716 7

CAL - 7.62

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522236

| OP. # | OP. NAME | READINGS | DATE | INIT |
|---|---|---|---|---|
| 575 & 580 | Assemble Action and Stock | | 8/20/90 | DB |
| 600 | Proof | | 8/20/90 | DB |
| 607 | Check Headspace | | 8/20/90 | DB |
| 610 | Dis-assemble Gun | | 8/20/90 | DB |
| 612 | Magnaflux Barrel Action | | 8/23/90 | KCR |
| | Magnaflux Bolt | 8/22 NewBolt | 8/24/90 | KCR |
| 615 | Rollmark Caliber | | 8/24/90 | GS |
| 617 | Drill and Tap Sight Holes | | 8/23/90 | ~~GS~~ KB |
| 618 | Polish Barrel RB | | 8/23/90 | WB |
| 620 | Apply Coatings (Barrel Action) | | 8/30/90 | DK |
| | Apply Coating (Bolt) | | | |
| 625 | Final Assembly A) Clean inside of Bolt Assembly | | 10/3/90 | RW |
| | B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head | | 10/3/90 | RW |
| | C) Inspect Ejector Hole for Chamfer | | 10/3/90 | RW |
| | D) Oil Firing Pin Ass'y | | 10/3/90 | RW |
| | E) Adjust Trigger Pull to Min Setting and Stake | | 10/3/90 | RW |

**BARBER - M24 0002488**

| op. # | OP. NAME | READINGS | | | | | DATE | INIT |
|---|---|---|---|---|---|---|---|---|
| 625 cont. | F) Safety On Force | 4 | 4 | 4.5 | | | 10/4/90 | RW |
| | G) Safety Off Force | 2.5 | 3 | 3 | | | 10/4/90 | RW |
| | H) Trigger Pull Test & Retainability | | | | | | 10/3/90 | RW |
| | I) Firing Pin Indent | .0215 | .022 | .0225 | | | 10/4/90 | RW |
| | J) Assemble Stock | | | | | | 10/4/90 | RW |
| | K) Assemble Swivel Studs | | | | | | 10/30/90 | GB |
| | L) Attach Front and Rear Sight Assemblies | | | | | | 10/4/90 | RW |
| | M) Iron Sight Alignment | | | | | | 10/4/90 | RW |
| | N) Detach Front & Rear Sights & place in numbered container | | | | | | 10/4/90 | RW |
| | O) Attach Scope to Rifle | | | | | | 10/4/90 | RW |
| | P) Detach & Attach Scope 20 Times | | | | | | 10/4/90 | RW |
| 640 | Gallery Target & Test | | | | | | 10-8-90 | DH |
| | A) Time | | | | | | 10-8-90 | DH |
| | B) Malfunctions | | | | | | 10-8-90 | DH |
| | C) Pierced Primers | | | | | | 10-8-90 | DH |
| | D) Optical Clearity of Scope | | | | | | 10-8-90 | DH |
| 645 | Inspect for Live Ammo | | | | | | 10-8-90 | DH |
| 655 | Final Inspection A) Headspace | | | | | | 10/30/90 | GB |
| | B) Trigger Pull | 268 | 263 | 271 | 273 | 274 | 10/30/90 | GB |
| | C) Function | | | | | | 10/30/90 | GB |
| 660 | Pack | | | | | | 12-18-90 | DH |

# SWS TRIGGER PULL TEST

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

SERIAL NO. C6522236
DATE 10/3/90
TESTER [signature]

| | 2.50# INITIAL | 2.50# AFTER 50 CYCLES | FINAL TEST & TO RESET 2.50# | | COMMENTS |
|---|---|---|---|---|---|
| PULL #1 | 2.22 | 2.17 | 2.28 | 268 | MIN. SETTING, |
| PULL #2 | 2.36 | 2.30 | 2.19 | 263 | NO AVG. OF 5 |
| PULL #3 | 2.31 | 2.53 | 2.20 | 271 | READINGS ACCEPT- |
| PULL #4 | 2.36 | 2.40 | 2.19 | 273 | ABLE LESS THAN 2# |
| PULL #5 | 2.50 | 2.34 | 2.20 | 274 | |
| TOTAL | 11.75 | 11.74 | 11.06 | | |
| AVG. | 2.35 | 2.35 | 2.21 | | |

| | 3.00# INITIAL | 3.00# AFTER 20 CYCLES | | COMMENTS |
|---|---|---|---|---|
| PULL #1 | 3.20 | 3.03 | | |
| PULL #2 | 3.20 | 3.06 | | |
| PULL #3 | 3.16 | 3.05 | | |
| PULL #4 | 3.14 | 3.03 | | |
| PULL #5 | 3.04 | 3.04 | | |
| TOTAL | 15.74 | 15.21 | | |
| AVG. | 3.15 | 3.04 | | |

| | 4.00# INITIAL | 4.00# AFTER 20 CYCLES | MAX SETTING GREATER THAN 4# | RESET TO 4# FOR TARGET & ACCURACY |
|---|---|---|---|---|
| PULL #1 | 4.28 | 4.72 | | 4.03 |
| PULL #2 | 4.48 | 4.46 | | 4.15 |
| PULL #3 | 4.62 | 4.58 | | 4.00 |
| PULL #4 | 4.63 | 4.46 | | 4.12 |
| PULL #5 | 4.67 | 4.65 | | 4.02 |
| TOTAL | 22.68 | 22.87 | | 20.32 |
| AVG. | 4.54 | 4.57 | | 4.06 |

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

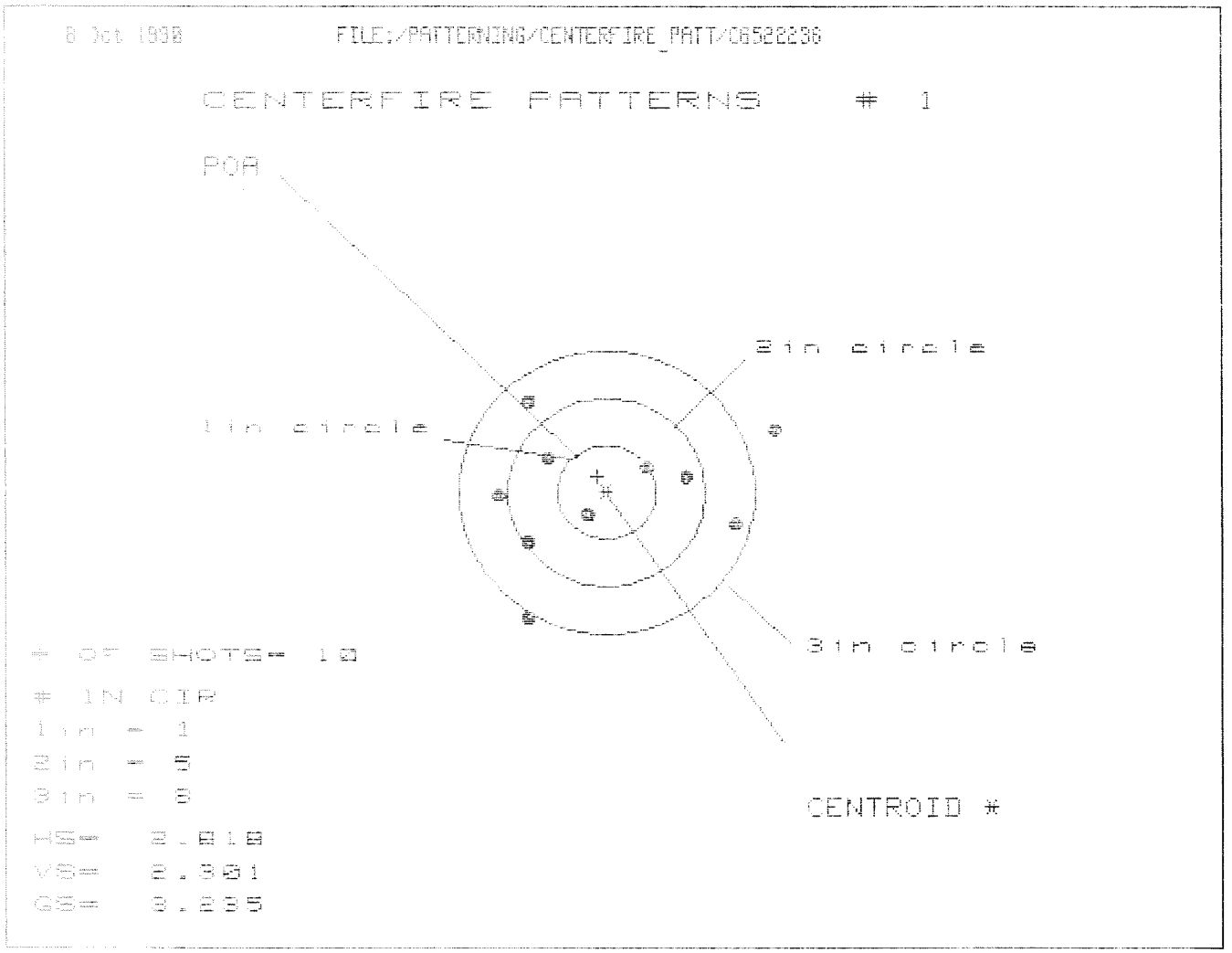
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522236
8 Oct 1990

CENTROIDAL DISTANCES

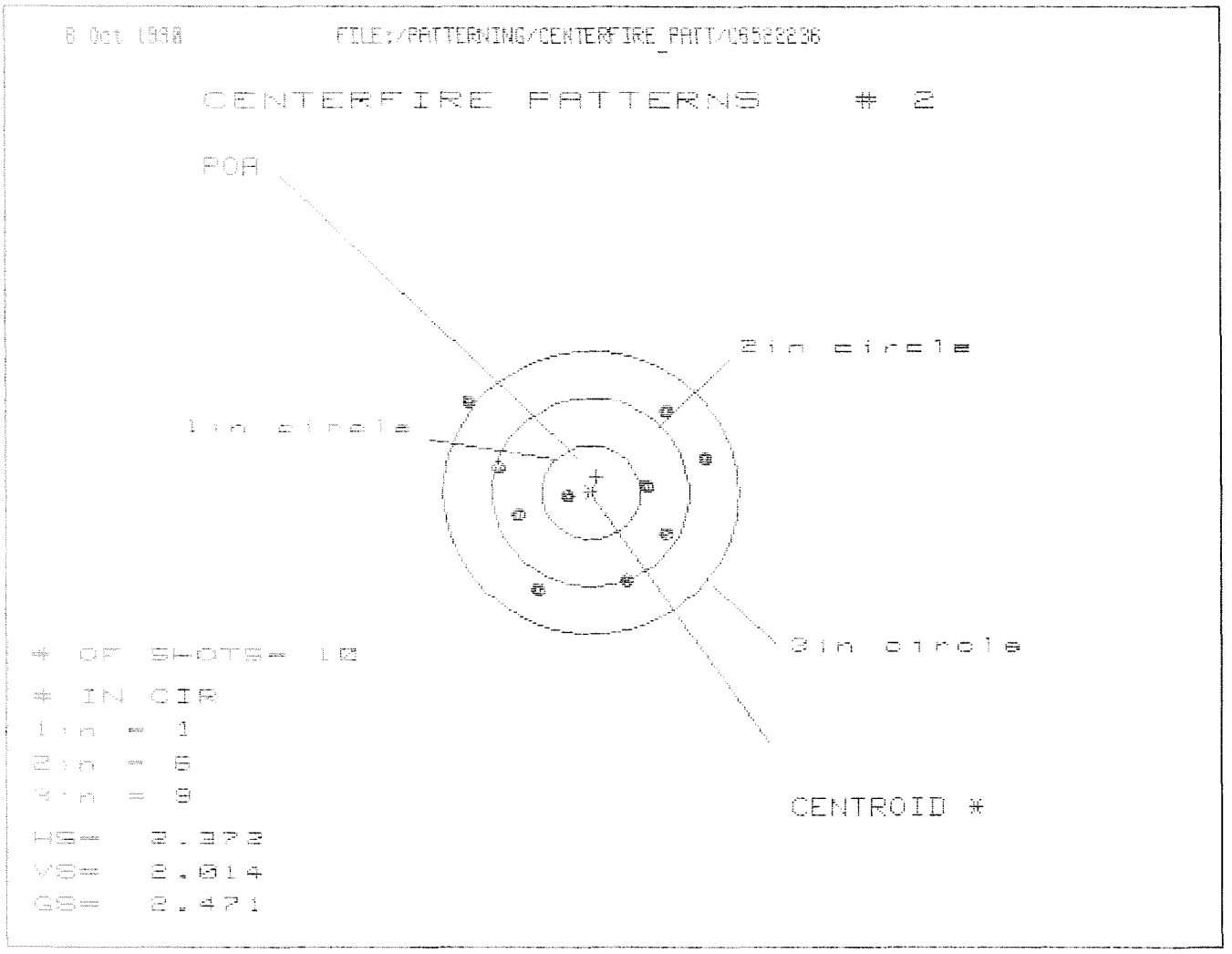
| | | | |
|---|---|---|---|
| 0 | TO | 1 | .193383 |
| 1 | TO | 2 | .156003 |
| 1 | TO | 3 | .378294 |
| 1 | TO | 4 | .633834 |
| 1 | TO | 5 | .104623 |


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1932
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0218
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .194426

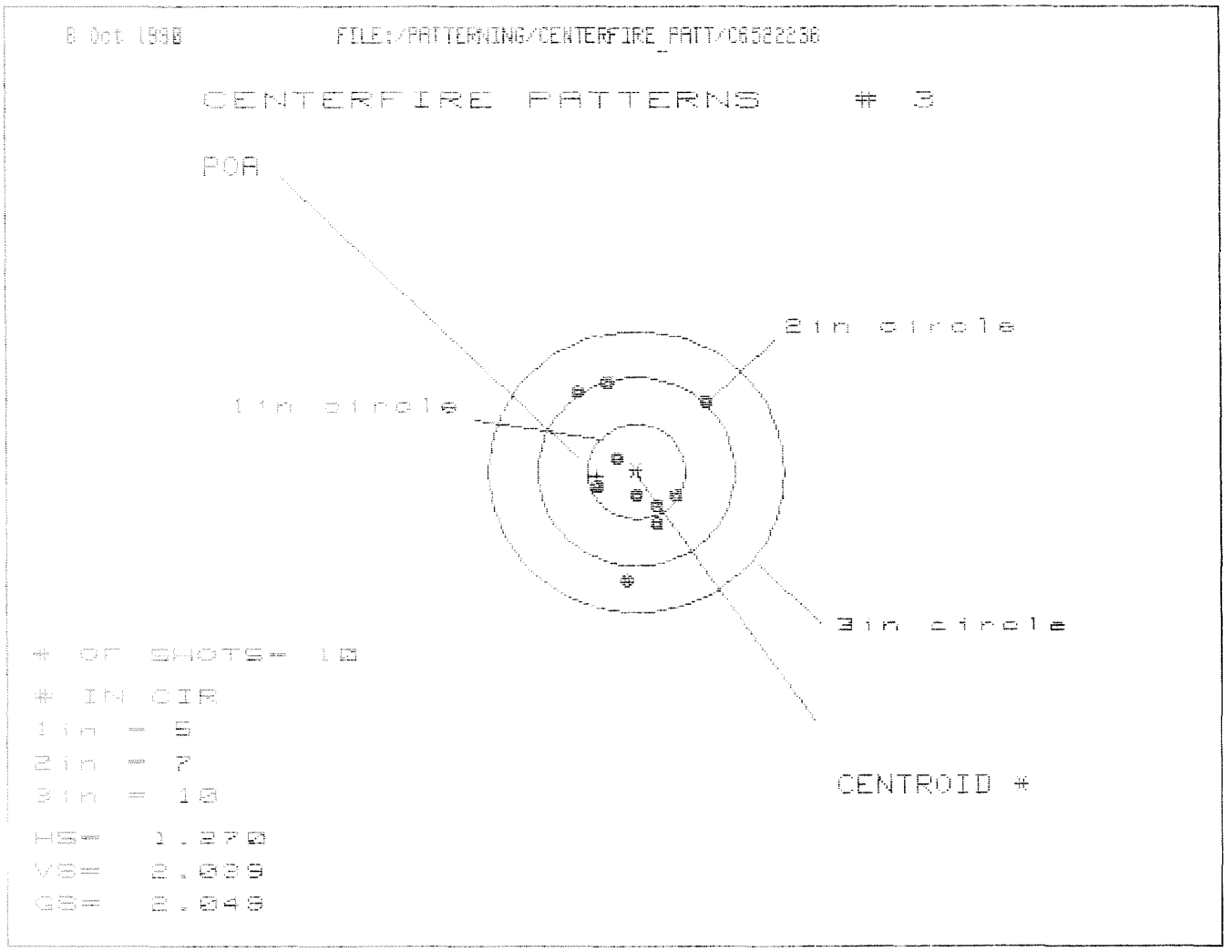
THE AMR FOR THIS RIFLE IS: .9156



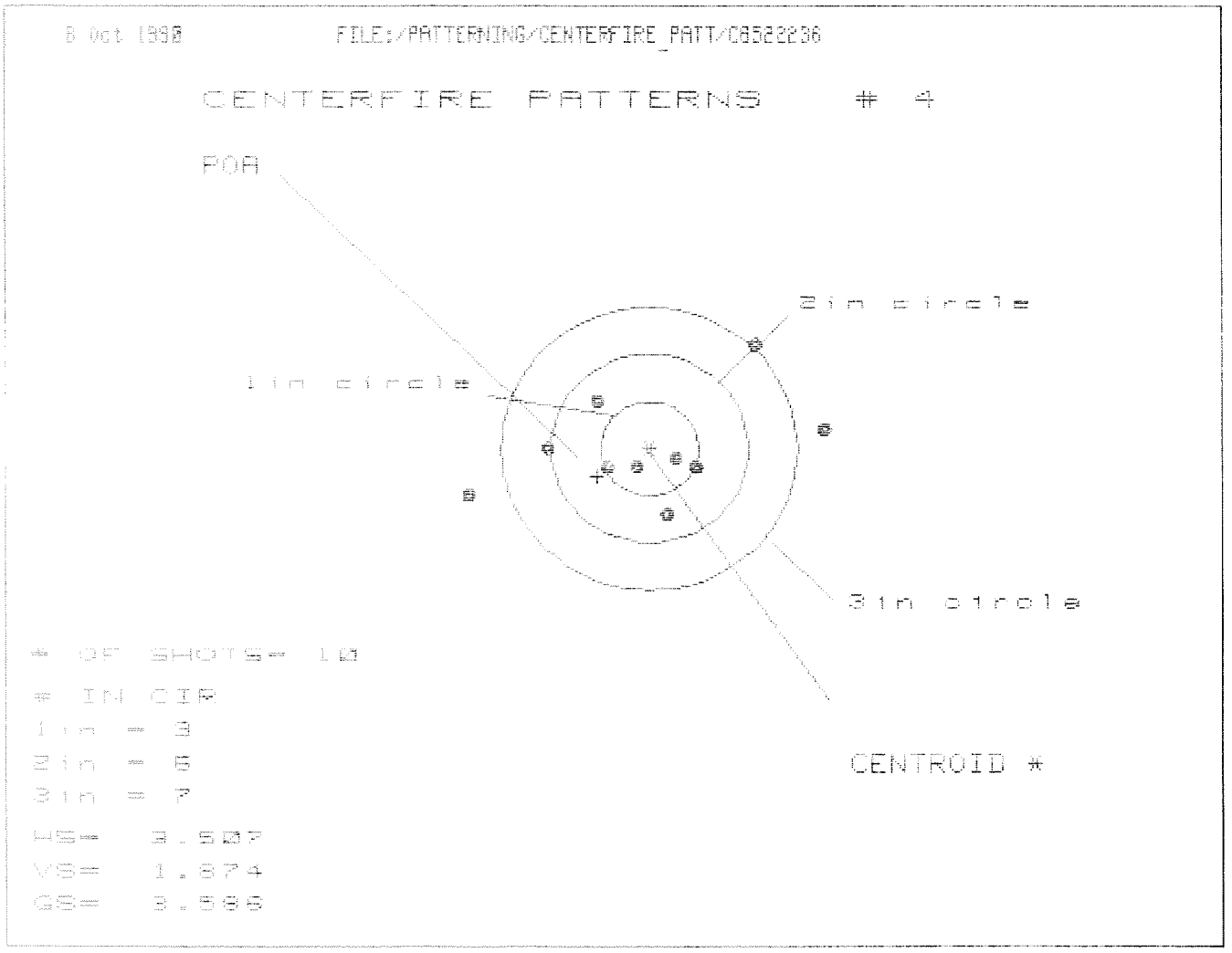

| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 1 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.754 | 1.496 | 1.416 |
| MINIMUM X | : | -1.064 | -.870 | -.950 |
| MAXIMUM Y | : | .990 | 1.060 | .805 |
| MINIMUM Y | : | -1.310 | -1.241 | -.574 |
| CENTROID X | : | .094 | -.100 | -.020 |
| CENTROID Y | : | -.169 | -.238 | -.083 |
| POA TO CENTROID in. | : | .193 | .258 | .085 |
| MIN RADIUS | : | .309 | .179 | .341 |
| MEAN RADIUS | : | 1.044 | .925 | .867 |
| MAX RADIUS | : | 1.862 | 1.520 | 1.477 |
| HORIZONTAL SPREAD | : | 2.818 | 2.366 | 2.366 |
| VERTICAL SPREAD | : | 2.301 | 2.301 | 1.479 |
| EXTREME SPREAD | : | 3.235 | 2.487 | 2.487 |
| NUMBER IN ONE INCH CIRCLE | = | | 1 | |
| NUMBER IN TWO INCH CIRCLE | = | | 5 | |
| NUMBER IN THREE INCH CIRCLE | = | | 8 | |



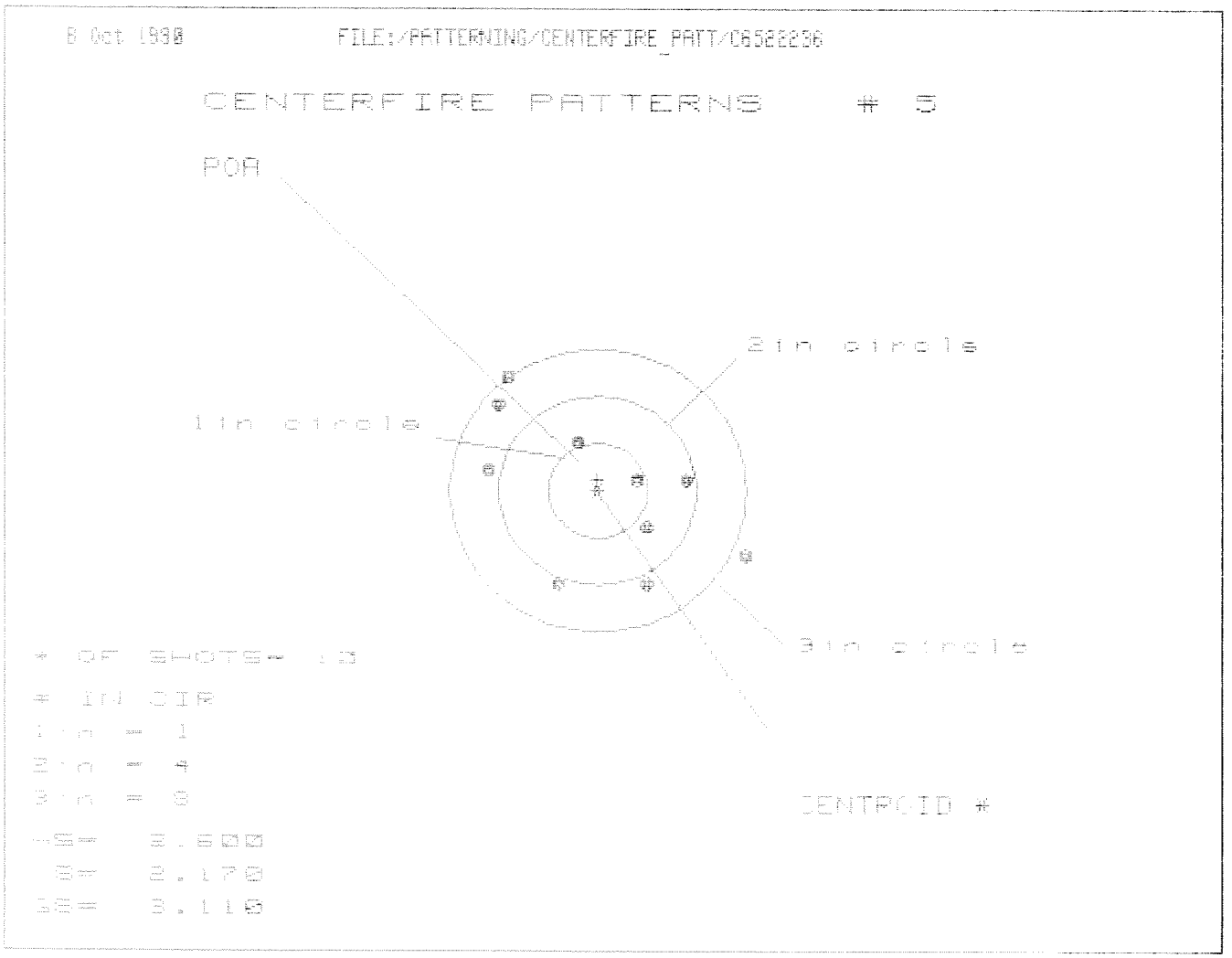

| PATTERN # | : | 2 | | |
|---|---|---|---|---|
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.148 | 1.012 | .780 |
| MINIMUM X | : | -1.224 | -1.033 | -.906 |
| MAXIMUM Y | : | .961 | .998 | 1.055 |
| MINIMUM Y | : | -1.053 | -.946 | -.809 |
| CENTROID X | : | -.062 | .074 | -.053 |
| CENTROID Y | : | -.168 | -.275 | -.332 |
| POA TO CENTROID in. | : | .179 | .285 | .336 |
| MIN RADIUS | : | .194 | .345 | .258 |
| MEAN RADIUS | : | .940 | .862 | .821 |
| MAX RADIUS | : | 1.556 | 1.193 | 1.312 |
| HORIZONTAL SPREAD | : | 2.372 | 2.045 | 1.686 |
| VERTICAL SPREAD | : | 2.014 | 1.944 | 1.944 |
| EXTREME SPREAD | : | 2.471 | 2.352 | 2.352 |
| NUMBER IN ONE INCH CIRCLE | = | | 1 | |
| NUMBER IN TWO INCH CIRCLE | = | | 6 | |
| NUMBER IN THREE INCH CIRCLE | = | | 9 | |




| PATTERN # | : | 3 | | |
|---|---|---|---|---|
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | .658 | .651 | .437 |
| MINIMUM X | : | -.612 | -.619 | -.538 |
| MAXIMUM Y | : | .933 | .810 | .893 |
| MINIMUM Y | : | -1.106 | -.719 | -.636 |
| CENTROID X | : | .400 | .407 | .326 |
| CENTROID Y | : | .050 | .173 | .090 |
| POA TO CENTROID in. | : | .403 | .442 | .338 |
| MIN RADIUS | : | .224 | .170 | .145 |
| MEAN RADIUS | : | .646 | .609 | .544 |
| MAX RADIUS | : | 1.108 | .931 | .945 |
| HORIZONTAL SPREAD | : | 1.270 | 1.270 | .975 |
| VERTICAL SPREAD | : | 2.039 | 1.529 | 1.529 |
| EXTREME SPREAD | : | 2.049 | 1.614 | 1.614 |
| NUMBER IN ONE INCH CIRCLE | = | | 5 | |
| NUMBER IN TWO INCH CIRCLE | = | | 7 | |
| NUMBER IN THREE INCH CIRCLE | = | | 10 | |




| PATTERN # | : | [redacted] | | |
|---|---|---|---|---|
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.725 | 1.527 | 1.109 |
| MINIMUM X | : | -1.782 | -1.219 | -1.028 |
| MAXIMUM Y | : | 1.155 | 1.098 | 1.119 |
| MINIMUM Y | : | -.719 | -.776 | -.755 |
| CENTROID X | : | .529 | .727 | .536 |
| CENTROID Y | : | .292 | .349 | .328 |
| POA TO CENTROID in. | : | .604 | .807 | .629 |
| MIN RADIUS | : | .220 | .180 | .256 |
| MEAN RADIUS | : | .919 | .826 | .707 |
| MR RADIUS | : | 1.856 | 1.536 | 1.575 |
| HORIZONTAL SPREAD | : | 3.507 | 2.746 | 2.137 |
| VERTICAL SPREAD | : | 1.874 | 1.874 | 1.874 |
| EXTREME SPREAD | : | 3.586 | 2.752 | 2.405 |
| NUMBER IN ONE INCH CIRCLE | = | | 3 | |
| NUMBER IN TWO INCH CIRCLE | = | | 6 | |
| NUMBER IN THREE INCH CIRCLE | = | | 7 | |




| PATTERN # | : | 5 | | |
|---|---|---|---|---|
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.506 | 1.035 | .837 |
| MINIMUM X | : | -1.095 | -.927 | -1.025 |
| MAXIMUM Y | : | 1.197 | 1.119 | .931 |
| MINIMUM Y | : | -.973 | -1.051 | -.911 |
| CENTROID X | : | .005 | .163 | -.065 |
| CENTROID Y | : | -.114 | .036 | -.176 |
| POA TO CENTROID (n. | : | .114 | .167 | .187 |
| MIN RADIUS | : | .448 | .389 | .530 |
| MEAN RADIUS | : | 1.029 | .959 | .894 |
| MS. RADIUS | : | 1.064 | 1.356 | 1.354 |
| HORIZONTAL SPREAD | : | 2.600 | 1.962 | 1.862 |
| VERTICAL SPREAD | : | 2.170 | 2.170 | 1.843 |
| EXTREME SPREAD | : | 3.110 | 2.576 | 2.372 |
| # SHOT IN ONE INCH CIRCLE | = | | 1 | |
| NUMBER IN TWO INCH CIRCLE | = | | 4 | |
| NUMBER IN THREE INCH CIRCLE | = | | 8 | |

# RECEIVING AND ESTIMATING REPORT

BARBER - M24 0002496

ORDER R 94-18389

| INITIAL | CUSTOMER ORDER NO. | COMMENTS |
|---|---|---|
| FDC | DAAA09-92-C-0834 | W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT ATTN: FRED MARTIN Scope # 89-0688 |

| DATE RECEIVED | DATE OPENED | DATE CODE | SERIAL NUMBER | NEW SERIAL NUMBER | MODEL AND GRADE |
|---|---|---|---|---|---|
| 06/11/94 | 06/11/94 | | C6522236 | | 700 7.62 NATO |

ACCESSORIES: 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

| | |
|---|---|
| ✓ Barrel | $643.45 |
| ✓ Stock | 471.11 |
| Trigger Assy | 173.31 |
| ✓ Firing Pin Assy | 9.96 |
| ✓ Mag Follower | 6.15 |
| ✓ Mag. Spring | 1.70 |
| CTI | 50.00 |
| | $1305.62 |

COMMENTS

| REPAIRMAN | PROOF | CLEAN | TEST | TARGET | PATTERN |
|---|---|---|---|---|---|
| | | | AC | AC | |

| GALLERY TESTER | DATE | DATE | DATE | DATE | DATE |
|---|---|---|---|---|---|
| | | | 1/20/96 | 1/20/96 | |

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

# SWS TRIGGER PULL TEST

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

SERIAL NO. C6522236
DATE 11-8-95
TESTER DH

| | 2.50# INITIAL | 2.50# AFTER 50 CYCLES | FINAL TEST & TO RESET 2.50# | | COMMENTS |
|---|---|---|---|---|---|
| PULL #1 | 2.69 | 2.68 | 2.60 | | MIN. SETTING, |
| PULL #2 | 2.69 | 2.63 | 2.54 | | NO AVG. OF 5 |
| PULL #3 | 2.72 | 2.56 | 2.53 | | READINGS ACCEPT- |
| PULL #4 | 2.69 | 2.61 | 2.56 | | ABLE LESS THAN 2# |
| PULL #5 | 2.69 | 2.43 | 2.54 | | |
| TOTAL | 13.48 | 12.91 | 12.77 | | |
| AVG. | 2.69 | 2.58 | 2.55 | | |

| | 3.00# INITIAL | 3.00# AFTER 20 CYCLES | | COMMENTS |
|---|---|---|---|---|
| PULL #1 | 3.03 | 3.08 | | |
| PULL #2 | 3.03 | 3.14 | | |
| PULL #3 | 3.05 | 3.11 | | |
| PULL #4 | 3.05 | 3.07 | | |
| PULL #5 | 3.11 | 3.05 | | |
| TOTAL | 15.27 | 15.45 | | |
| AVG. | 3.05 | 3.09 | | |

| | 4.00# INITIAL | 4.00# AFTER 20 CYCLES | MAX SETTING GREATER THAN 4# | RESET TO 4# FOR TARGET & ACCURACY |
|---|---|---|---|---|
| PULL #1 | 4.20 | 4.11 | | 4.30 |
| PULL #2 | 4.20 | 4.16 | | 4.20 |
| PULL #3 | 4.17 | 4.17 | | 4.19 |
| PULL #4 | 4.15 | 4.14 | | 4.26 |
| PULL #5 | 4.21 | 4.12 | | 4.18 |
| TOTAL | 20.93 | 20.70 | | 21.13 |
| AVG. | 4.18 | 4.14 | | 4.22 |

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522236

| 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 | | | |

BARBER - M24 0002499

| op. # | OP. NAME | READINGS | | | | | DATE | INIT |
|---|---|---|---|---|---|---|---|---|
| 625 cont. | F) Safety On Force | 6½ | 6½ | 6½ | | | 1/25/96 | WB |
| | G) Safety Off Force | 3 | 2½ | 2½ | | | 1/25/96 | WB |
| | H) Trigger Pull Test & Retainability | | | | | | | |
| | I) Firing Pin Indent | .0245 | .023 | .023 | | | 1/25/96 | WB |
| | 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 | | | | | | 1/27/96 | WB |
| | 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 | 2.39 | 2.38 | 2.37 | 2.36 | 2.33 | 1/25/96 | WB |
| | C) Function | | | | | | | |
| 660 | Pack | | | | | | | |

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522236
1 Jan 1900

## CENTROIDAL DISTANCES

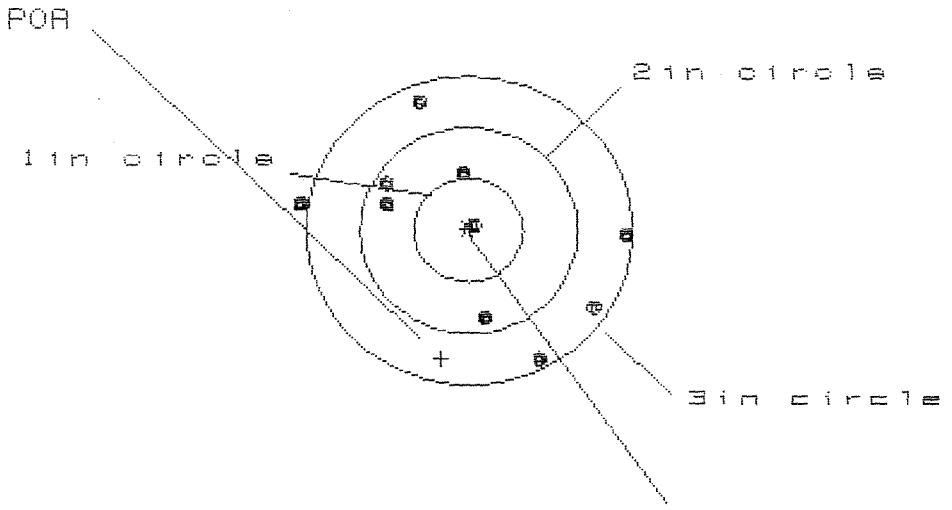
| | | | |
|---|---|---|---|
| 0 | TO | 1 | 1.27103 |
| 1 | TO | 2 | .750367 |
| 1 | TO | 3 | .284965 |
| 1 | TO | 4 | .513936 |
| 1 | TO | 5 | .535374 |


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0192
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .9878
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .987987

THE AMP FOR THIS RIFLE IS: .9742

1 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6522236

CENTERFIRE PATTERNS # 1




# OF SHOTS= 10

# IN CIR
1in = 1
2in = 5
3in = 9

HS= 3.046
VS= 2.476
SS= 3.058

| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 1 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.479 | 1.304 | 1.165 |
| MINIMUM X | : | -1.567 | -.917 | -.754 |
| MAXIMUM Y | : | 1.268 | 1.296 | 1.299 |
| MINIMUM Y | : | -1.208 | -1.180 | -1.177 |
| CENTROID X | : | .251 | .426 | .263 |
| CENTROID Y | : | 1.246 | 1.218 | 1.215 |
| POA TO CENTROID in. | : | 1.271 | 1.290 | 1.243 |
| MIN RADIUS | : | .082 | .184 | .111 |
| MEAN RADIUS | : | 1.040 | .993 | .923 |
| MAX RADIUS | : | 1.588 | 1.444 | 1.385 |
| HORIZONTAL SPREAD | : | 3.046 | 2.221 | 1.918 |
| VERTICAL SPREAD | : | 2.476 | 2.476 | 2.476 |
| EXTREME SPREAD | : | 3.058 | 2.732 | 2.732 |
| NUMBER IN ONE INCH CIRCLE | = | | 1 | |
| NUMBER IN TWO INCH CIRCLE | = | | 5 | |
| NUMBER IN THREE INCH CIRCLE | = | | 9 | |

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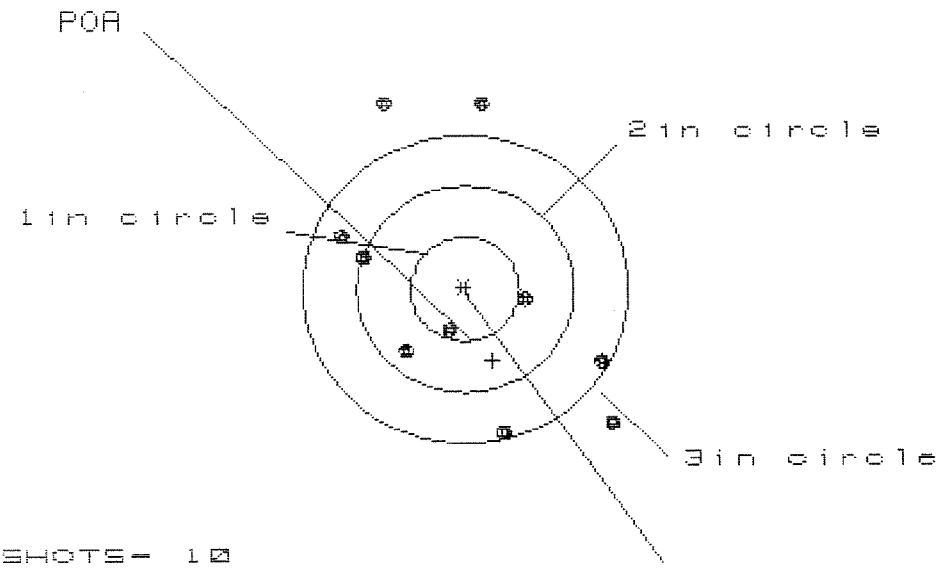
1 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6522236

CENTERFIRE PATTERNS # 2




# OF SHOTS= 10

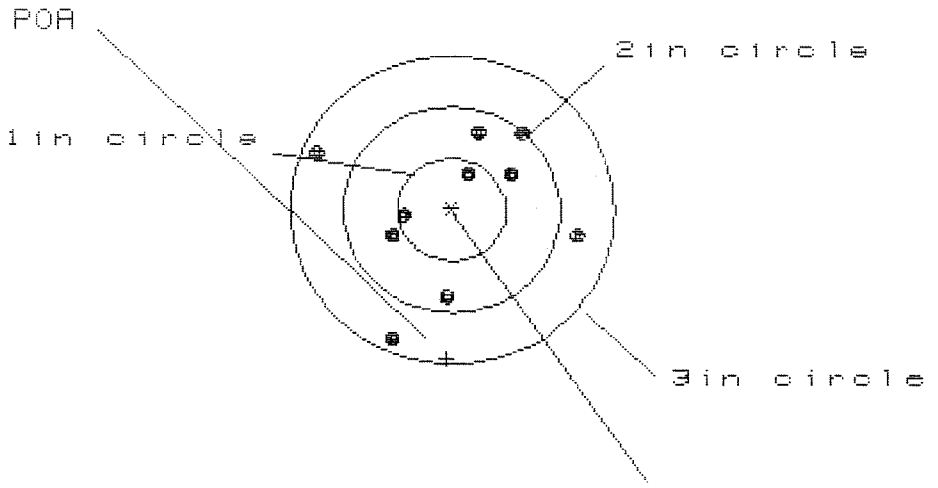
# IN CIR
1in = 1
2in = 3
3in = 7

HS= 2.532
VS= 3.263
GS= 3.683

| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 2 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.342 | 1.263 | 1.301 |
| MINIMUM X | : | -1.190 | -1.269 | -1.111 |
| MAXIMUM Y | : | 1.824 | 2.024 | 1.892 |
| MINIMUM Y | : | -1.439 | -1.239 | -1.371 |
| CENTROID X | : | -.254 | -.175 | -.333 |
| CENTROID Y | : | .691 | .491 | .623 |
| POA TO CENTROID in. | : | .736 | .521 | .706 |
| MIN RADIUS | : | .420 | .308 | .330 |
| MEAN RADIUS | : | 1.262 | 1.153 | 1.089 |
| MAX RADIUS | : | 1.938 | 2.025 | 1.906 |
| HORIZONTAL SPREAD | : | 2.532 | 2.532 | 2.412 |
| VERTICAL SPREAD | : | 3.263 | 3.263 | 3.263 |
| EXTREME SPREAD | : | 3.683 | 3.301 | 3.269 |
| NUMBER IN ONE INCH CIRCLE | = | | 1 | |
| NUMBER IN TWO INCH CIRCLE | = | | 3 | |
| NUMBER IN THREE INCH CIRCLE | = | | 7 | |

1 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C8522236

CENTERFIRE PATTERNS # 3




# OF SHOTS= 10 CENTROID *

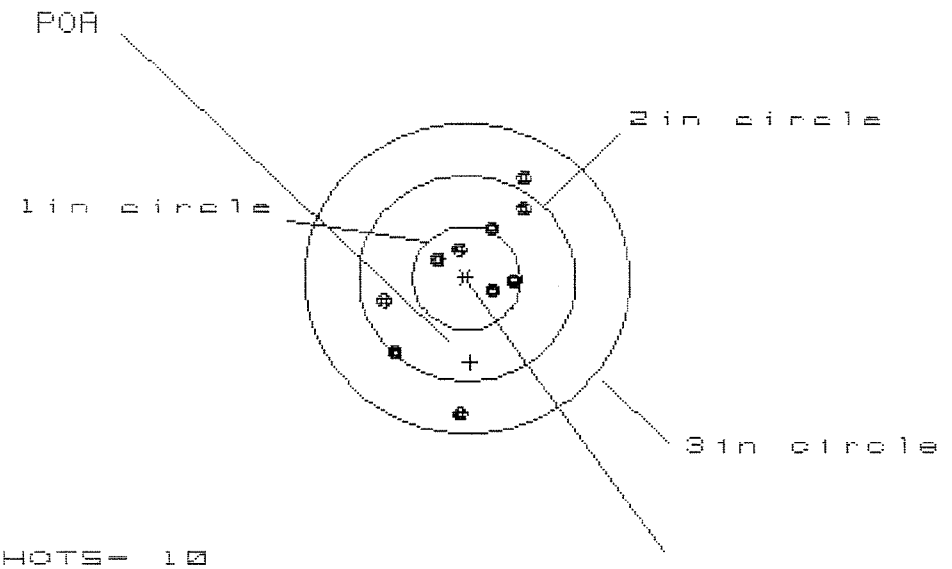
# IN CIR
1in = 2
2in = 7
3in = 10

HS= 2.433
VS= 1.987
GS= 2.567

| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 3 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.200 | 1.136 | .974 |
| MINIMUM X | : | -1.233 | -1.297 | -.792 |
| MAXIMUM Y | : | .731 | .591 | .642 |
| MINIMUM Y | : | -1.256 | -.961 | -.910 |
| CENTROID X | : | .049 | .113 | .276 |
| CENTROID Y | : | 1.447 | 1.587 | 1.536 |
| POA TO CENTROID in. | : | 1.448 | 1.591 | 1.561 |
| MIN RADIUS | : | .425 | .271 | .307 |
| MEAN RADIUS | : | .871 | .791 | .711 |
| MAX RADIUS | : | 1.382 | 1.359 | 1.039 |
| HORIZONTAL SPREAD | : | 2.433 | 2.433 | 1.766 |
| VERTICAL SPREAD | : | 1.987 | 1.552 | 1.552 |
| EXTREME SPREAD | : | 2.567 | 2.567 | 1.766 |
| NUMBER IN ONE INCH CIRCLE | = | | 2 | |
| NUMBER IN TWO INCH CIRCLE | = | | 7 | |
| NUMBER IN THREE INCH CIRCLE | = | | 10 | |

1 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6522236

CENTERFIRE PATTERNS # 4




# OF SHOTS= 10

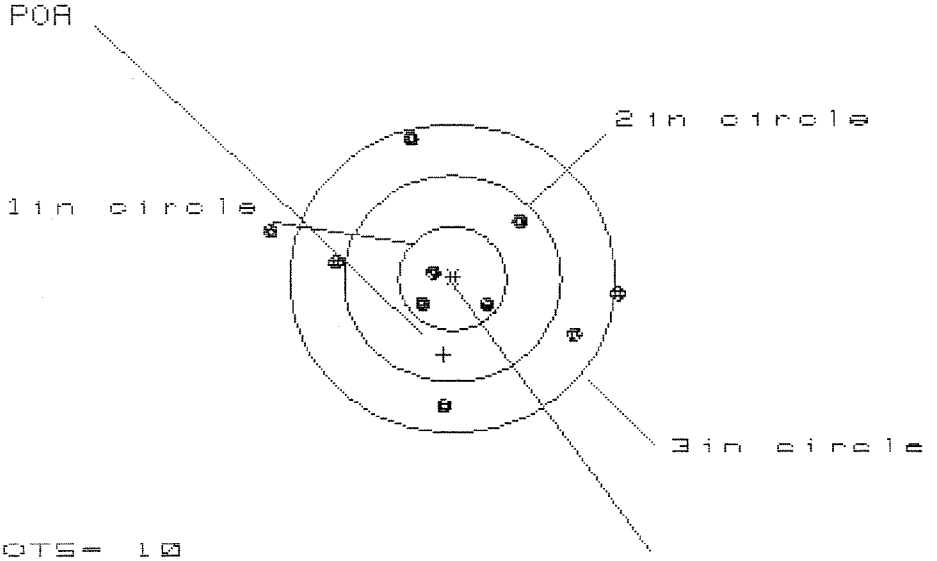
# IN CIR
1in = 4
2in = 8
3in = 10

HS= 1.244
VS= 2.296
GS= 2.358

| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 4 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | .523 | .517 | .576 |
| MINIMUM X | : | -.721 | -.727 | -.668 |
| MAXIMUM Y | : | .946 | .796 | .584 |
| MINIMUM Y | : | -1.350 | -.864 | -.765 |
| CENTROID X | : | -.032 | -.026 | -.085 |
| CENTROID Y | : | .817 | .967 | .868 |
| POA TO CENTROID in. | : | .818 | .967 | .872 |
| MIN RADIUS | : | .237 | .121 | .185 |
| MEAN RADIUS | : | .681 | .581 | .543 |
| MAX RADIUS | : | 1.351 | 1.110 | .996 |
| HORIZONTAL SPREAD | : | 1.244 | 1.244 | 1.244 |
| VERTICAL SPREAD | : | 2.296 | 1.660 | 1.349 |
| EXTREME SPREAD | : | 2.358 | 2.034 | 1.815 |
| NUMBER IN ONE INCH CIRCLE | = | 4 | | |
| NUMBER IN TWO INCH CIRCLE | = | 8 | | |
| NUMBER IN THREE INCH CIRCLE | = | 10 | | |

1 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6522236

CENTERFIRE PATTERNS # 5




# OF SHOTS= 10

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

HS= 3.257
VS= 2.615
GS= 3.318

| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 5 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.546 | 1.356 | 1.101 |
| MINIMUM X | : | -1.711 | -1.227 | -1.057 |
| MAXIMUM Y | : | 1.339 | 1.389 | 1.373 |
| MINIMUM Y | : | -1.276 | -1.226 | -1.242 |
| CENTROID X | : | .082 | .272 | .103 |
| CENTROID Y | : | .738 | .688 | .704 |
| POA TO CENTROID in. | : | .743 | .740 | .711 |
| MIN RADIUS | : | .145 | .278 | .174 |
| MEAN RADIUS | : | 1.017 | .929 | .854 |
| MAX RADIUS | : | 1.770 | 1.516 | 1.441 |
| HORIZONTAL SPREAD | : | 3.257 | 2.583 | 2.158 |
| VERTICAL SPREAD | : | 2.615 | 2.615 | 2.615 |
| EXTREME SPREAD | : | 3.318 | 2.639 | 2.639 |
| NUMBER IN ONE INCH CIRCLE | = | | 3 | |
| NUMBER IN TWO INCH CIRCLE | = | | 4 | |
| NUMBER IN THREE INCH CIRCLE | = | | 8 | |