C6587692

MODEL 700™ M24

Model SWS ™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

M2400025372

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

11/02/07 13:11:54

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: RE00136220
Verify Repair

Serial: C6587692 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:
Status: Closed 11/2/2007 10:17:13 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 | 1:11 PM | CAPS | NUM | INS | SCRL

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

Serial Number: C6587692

Model: M24 SWS

RE00136220

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

R & E NUMBER 136220
SERIAL NUMBER C6587692
LOG-IN DATE 11-2-07

| OPERATION # | OPERATION NAME | | DATE | INITIAL |
|---|---|---|---|---|
| 500 | DIS-ASSEMBLE GUN | | 7-10-08 | RTZ |
| 505 | RE-BARREL | | 7-18-08 | RTZ |
| 560 | ASSEMBLE | | 7-15-08 | RSW |
| 600 | PROOF | | 7-16-08 | TRW |
| 605 | CHECK HEADSPACE | | 7-16-08 | TRW |
| 610 | DIS-ASSEMBLE GUN | | 7-18-08 | RTZ |
| 612 | MAGNAFLUX | MAGNA-FLUX JUL 25 2008 OPERATOR BM | 7/25/08 | BM |
| 510 | DRILL AND TAP | | 7-19-08 | SP |
| 615 | ROLLMARK CALIBER | | 7/25/08 | RT |
| 618 | ROTO-BLAST | | 7/25/08 | DG |
| 620 | APPLY COATINGS | | 8-1 | |
| 625 | FINAL ASSEMBLY | | 8-5-08 | RTZ |
| 640 | FUNCTION TEST AND | (PASS) FAIL | 8-28-08 | FM |
| 650 | TARGET | (PASS) FAIL | 8-28-08 | FM |
| | MALFUNCTION | CORRECTION | | |
| | MALFUNCTION | CORRECTION | | |
| | MALFUNCTION | CORRECTION | | |
| | MALFUNCTION | CORRECTION | 8-28-08 | TRW |
| 670 | FINAL INSPECTION A) HEADSPACE | (PASS) FAIL | 9-8-08 | RTZ |
| | B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS) | 235 232 2.34 236 239 | 9-8-08 | RSW |
| 680 | F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX) | 6# 6# 6# | 9-8-08 | RTZ |
| | G) SAFETY OFF FORCE (2 LBS MIN) | 4# 4# 4# | 9-8-08 | RTZ |
| | I) FIRING PIN INDENT .020 | .022 .022 .022 | 9-8-08 | RTZ |
| 690 | PACK | | 9/9/08 | FM |

NA

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587692.__0
FILE DATE AND TIME: 08/28/2008 10:12

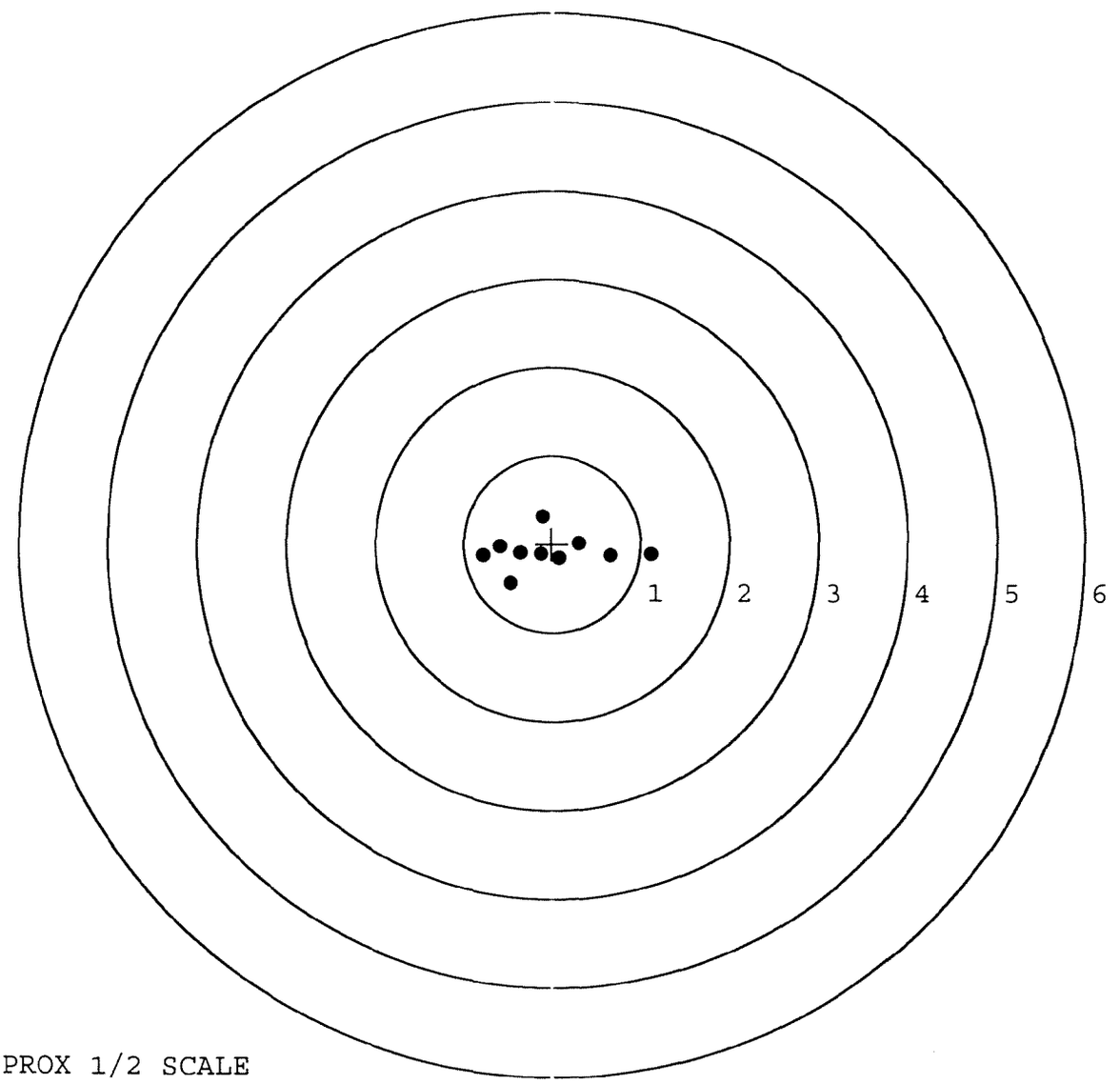
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

| | |
|---|---|
| The Average X Centroid of the Five Target Set: | 0.098 |
| The Average Y Centroid of the Five Target Set: | -0.115 |
| The Average Point of Impact of the Five Target Set: | 0.151 |
| The Average Mean Radius of the Five Target Set: | 0.641 |
| The Distance from POA to Centroid Target #1: | 0.095 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.123 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.258 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.345 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.152 |

SERIAL NUMBER: C6587692.__0
TARGET NUMBER: 1
FILE DATE: 08/28/2008
FILE TIME: 10:12

| | |
|---|---|
| X CENTROID: | -0.025 |
| Y CENTROID: | -0.091 |
| POA TO CENTROID: | 0.095 |
| HORZ SPREAD: | 1.902 |
| VERT SPREAD: | 0.762 |
| GROUP SPREAD: | 1.902 |
| MIN RADIUS: | 0.101 |
| MAX RADIUS: | 1.149 |
| MEAN RADIUS: | 0.505 |
| # IN 1 IN DIAMETER: | 5 |
| # IN 2 IN DIAMETER: | 9 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 1.124 | -0.115 |
| 2: | 0.660 | -0.130 |
| 3: | 0.308 | 0.018 |
| 4: | 0.081 | -0.162 |
| 5: | -0.110 | 0.312 |
| 6: | -0.122 | -0.118 |
| 7: | -0.358 | -0.105 |
| 8: | -0.467 | -0.450 |
| 9: | -0.588 | -0.033 |
| 10: | -0.778 | -0.131 |

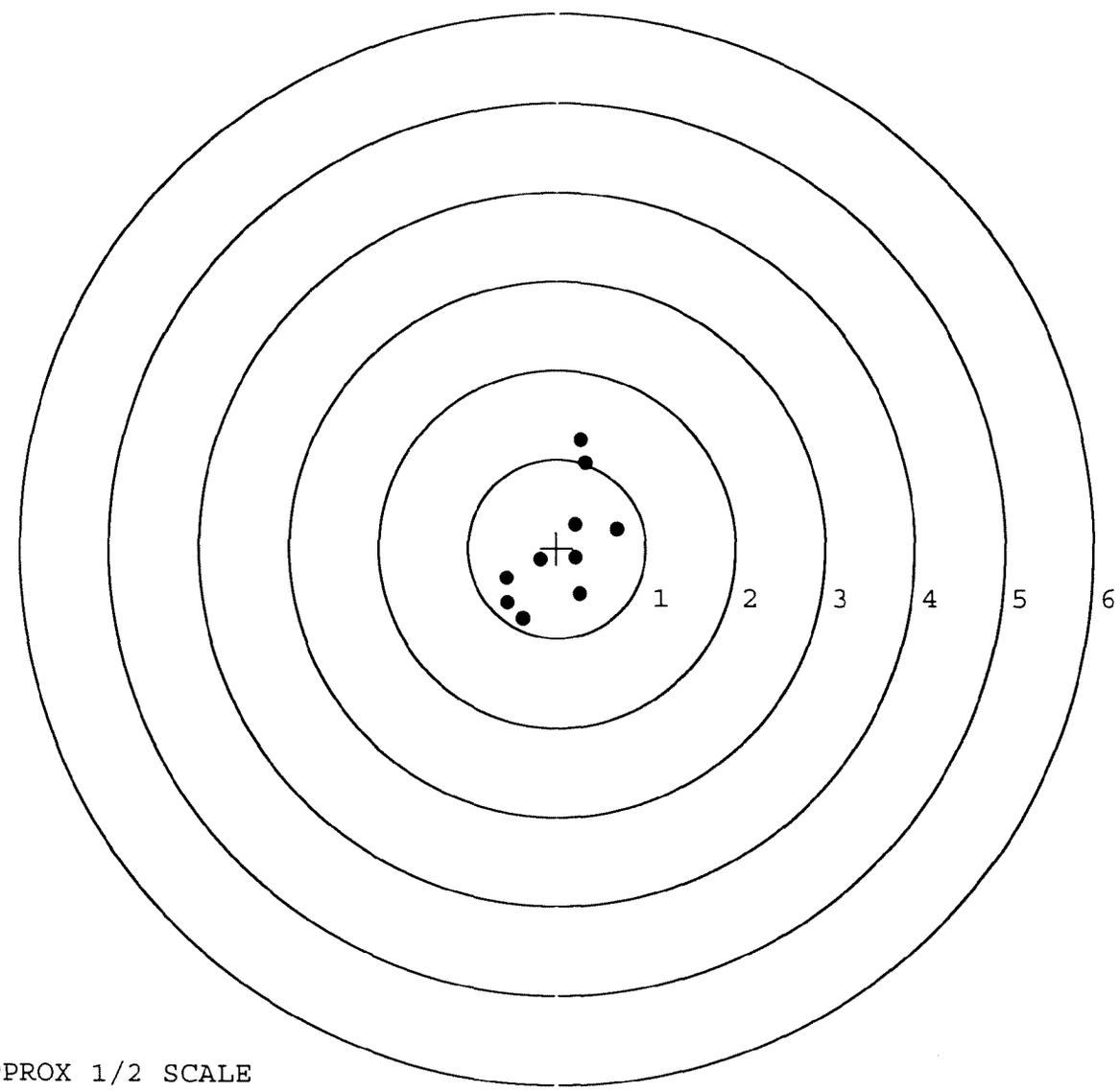



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587692.__0
TARGET NUMBER: 2
FILE DATE: 08/28/2008
FILE TIME: 10:12

| | |
|---|---|
| X CENTROID: | 0.029 |
| Y CENTROID: | 0.019 |
| POA TO CENTROID: | 0.034 |
| HORZ SPREAD: | 1.243 |
| VERT SPREAD: | 2.013 |
| GROUP SPREAD: | 2.120 |
| MIN RADIUS: | 0.227 |
| MAX RADIUS: | 1.230 |
| MEAN RADIUS: | 0.673 |
| # IN 1 IN DIAMETER: | 3 |
| # IN 2 IN DIAMETER: | 9 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.260 | -0.510 |
| 2: | -0.386 | -0.790 |
| 3: | -0.555 | -0.611 |
| 4: | -0.565 | -0.336 |
| 5: | -0.182 | -0.128 |
| 6: | 0.218 | -0.107 |
| 7: | 0.678 | 0.219 |
| 8: | 0.210 | 0.263 |
| 9: | 0.330 | 0.966 |
| 10: | 0.279 | 1.223 |

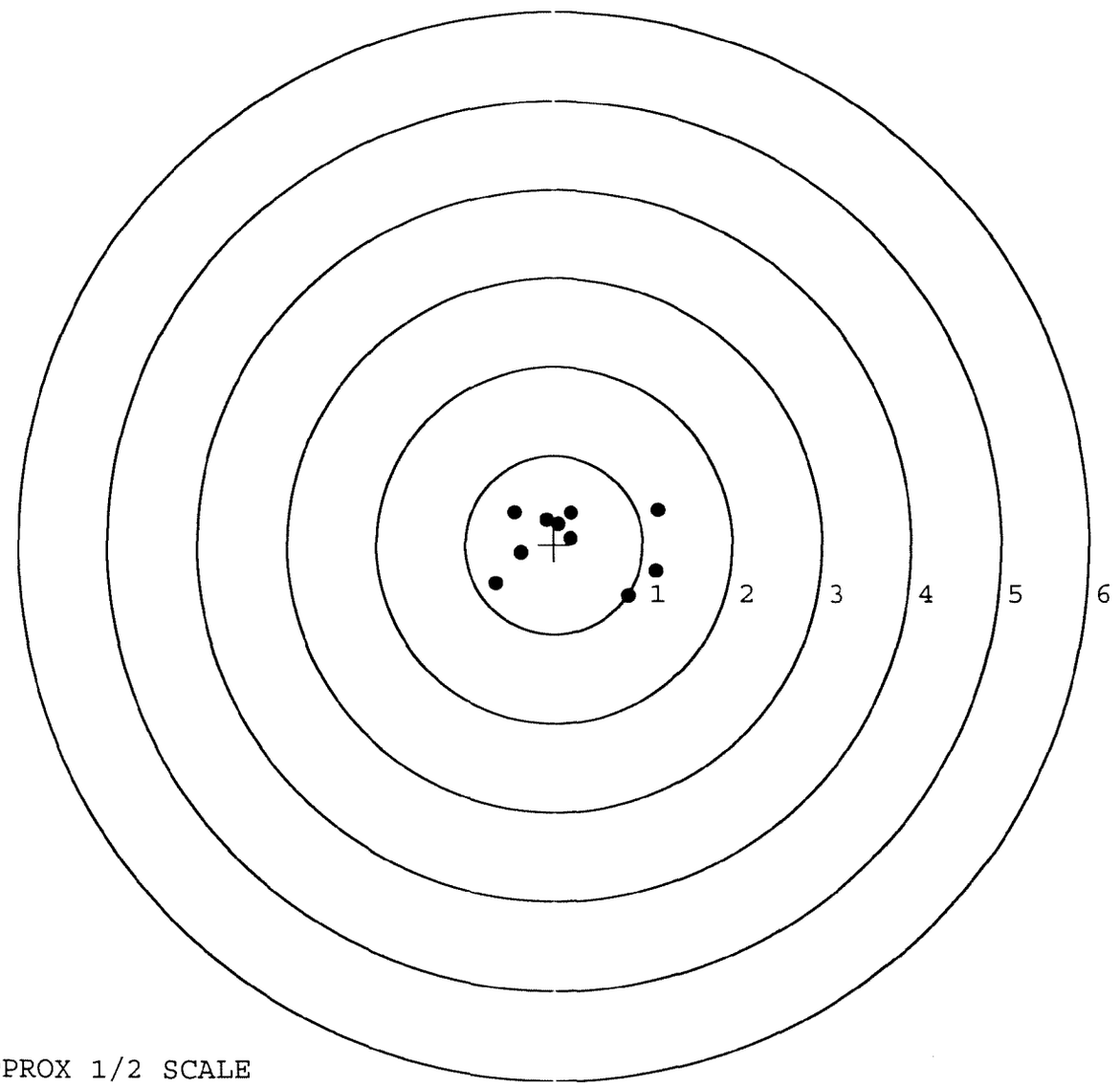



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587692.__0
TARGET NUMBER: 3
FILE DATE: 08/28/2008
FILE TIME: 10:12

| | |
|---|---|
| X CENTROID: | 0.204 |
| Y CENTROID: | 0.028 |
| POA TO CENTROID: | 0.206 |
| HORZ SPREAD: | 1.830 |
| VERT SPREAD: | 0.965 |
| GROUP SPREAD: | 2.007 |
| MIN RADIUS: | 0.043 |
| MAX RADIUS: | 1.032 |
| MEAN RADIUS: | 0.621 |
| # IN 1 IN DIAMETER: | 4 |
| # IN 2 IN DIAMETER: | 8 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.835 | -0.576 |
| 2: | 1.153 | -0.297 |
| 3: | 1.171 | 0.389 |
| 4: | 0.191 | 0.069 |
| 5: | 0.195 | 0.354 |
| 6: | -0.086 | 0.276 |
| 7: | -0.446 | 0.365 |
| 8: | -0.367 | -0.098 |
| 9: | -0.659 | -0.435 |
| 10: | 0.052 | 0.232 |

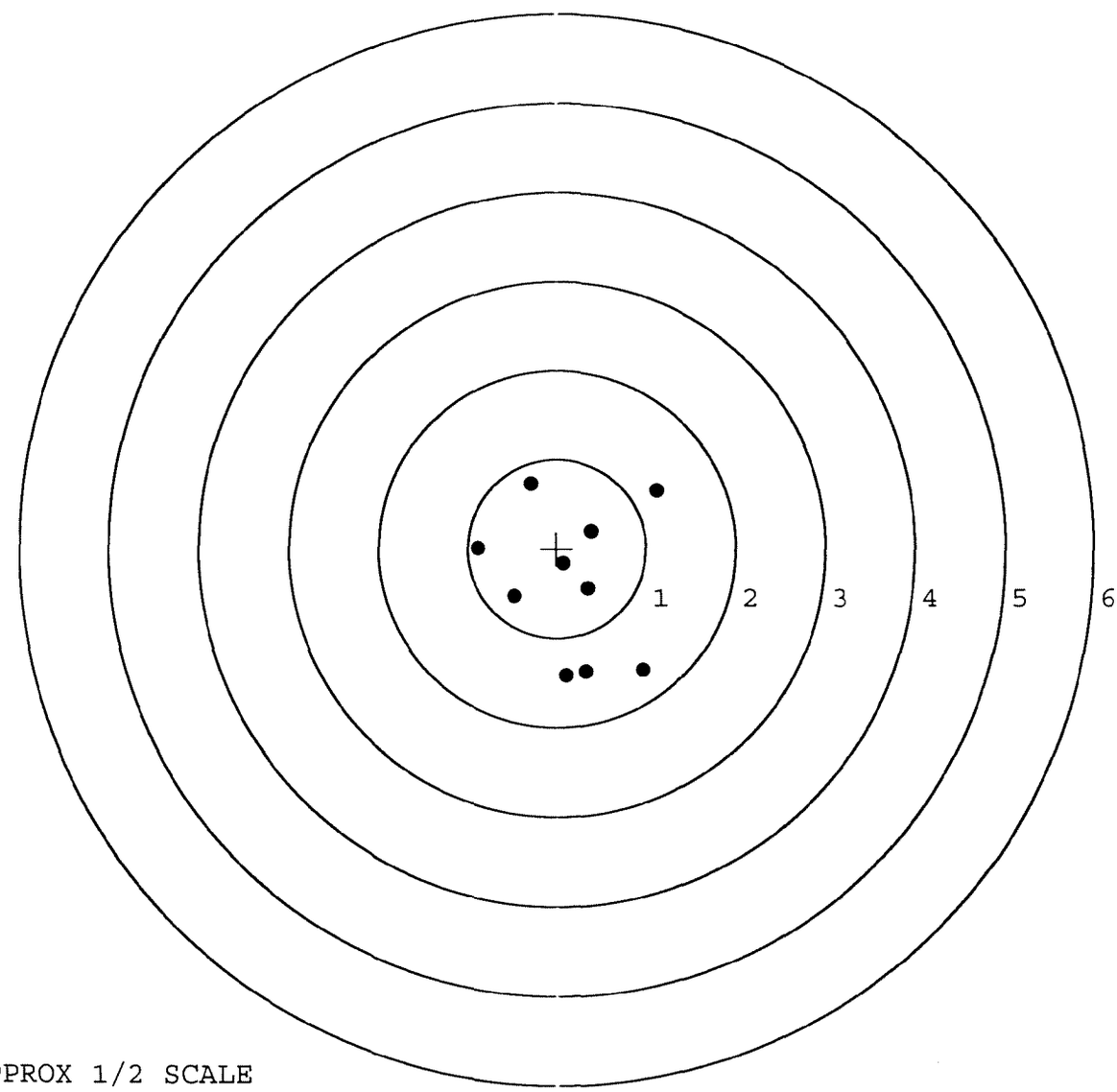



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587692.__0
TARGET NUMBER: 4
FILE DATE: 08/28/2008
FILE TIME: 10:12

| | |
|---|---|
| X CENTROID: | 0.171 |
| Y CENTROID: | -0.376 |
| POA TO CENTROID: | 0.413 |
| HORZ SPREAD: | 2.004 |
| VERT SPREAD: | 2.152 |
| GROUP SPREAD: | 2.309 |
| MIN RADIUS: | 0.202 |
| MAX RADIUS: | 1.398 |
| MEAN RADIUS: | 0.877 |
| # IN 1 IN DIAMETER: | 2 |
| # IN 2 IN DIAMETER: | 4 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.111 | -1.427 |
| 2: | 0.335 | -1.386 |
| 3: | 0.971 | -1.361 |
| 4: | 1.121 | 0.649 |
| 5: | 0.390 | 0.195 |
| 6: | 0.075 | -0.172 |
| 7: | 0.358 | -0.453 |
| 8: | -0.479 | -0.538 |
| 9: | -0.883 | 0.007 |
| 10: | -0.292 | 0.725 |

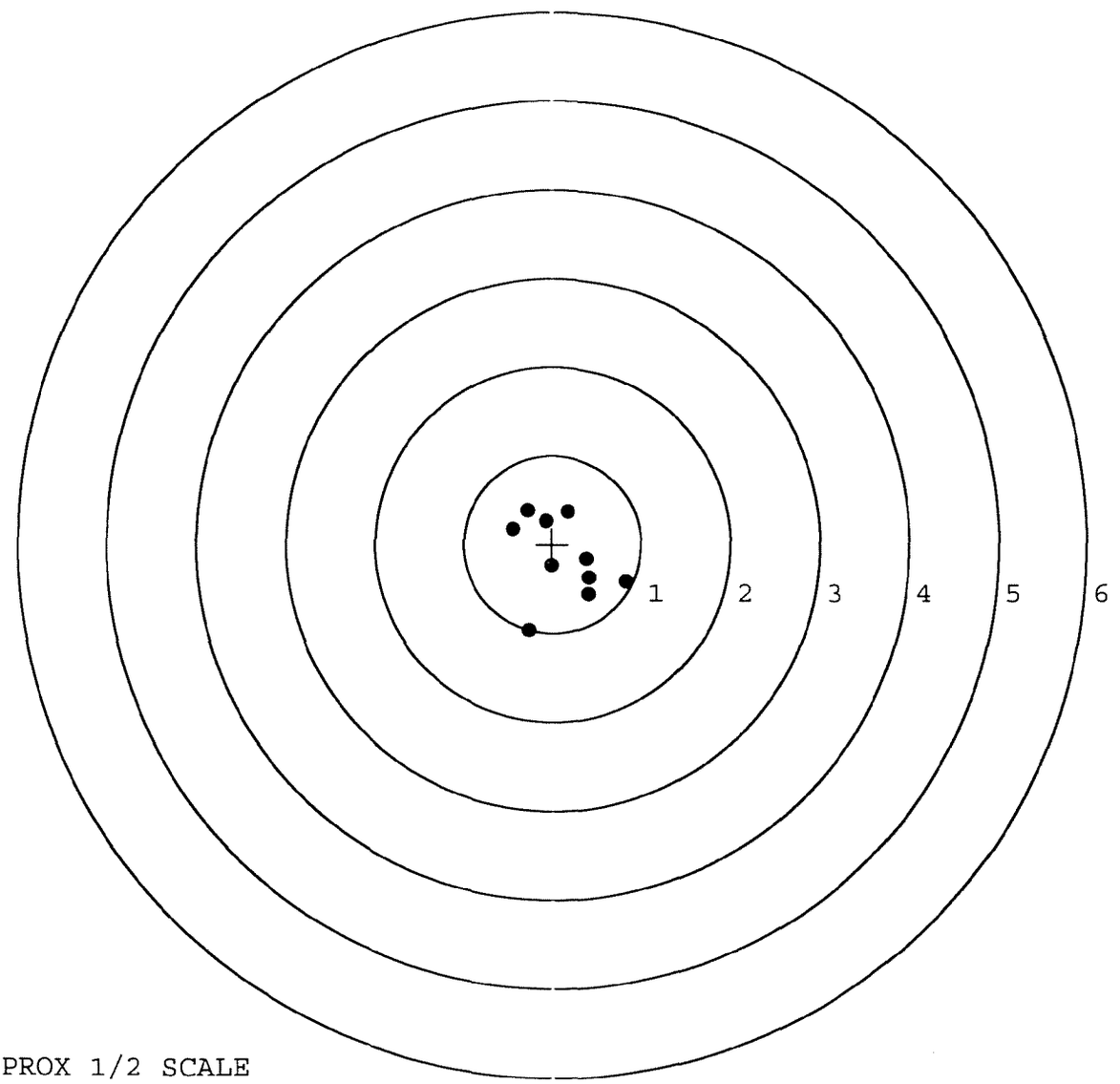



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587692.__0
TARGET NUMBER: 5
FILE DATE: 08/28/2008
FILE TIME: 10:12

| | |
|---|---|
| X CENTROID: | 0.113 |
| Y CENTROID: | -0.155 |
| POA TO CENTROID: | 0.192 |
| HORZ SPREAD: | 1.283 |
| VERT SPREAD: | 1.364 |
| GROUP SPREAD: | 1.421 |
| MIN RADIUS: | 0.152 |
| MAX RADIUS: | 0.909 |
| MEAN RADIUS: | 0.530 |
| # IN 1 IN DIAMETER: | 4 |
| # IN 2 IN DIAMETER: | 10 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | -0.273 | -0.978 |
| 2: | 0.833 | -0.425 |
| 3: | 0.410 | -0.561 |
| 4: | 0.416 | -0.375 |
| 5: | 0.392 | -0.166 |
| 6: | -0.009 | -0.245 |
| 7: | 0.175 | 0.371 |
| 8: | -0.079 | 0.264 |
| 9: | -0.282 | 0.386 |
| 10: | -0.450 | 0.178 |




TARGET APPROX 1/2 SCALE

# RECEIVING AND ESTIMATING REPORT

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

ORDER: R 94-18220

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

| DATE RECEIVED | DATE OPENED | DATE CODE | SERIAL NUMBER | NEW SERIAL NUMBER | MODEL AND GRADE |
|---|---|---|---|---|---|
| 06/10/94 | 06/10/94 | | C6587692 | | 700 7-62 NATO |

ACCESSORIES: SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

90-0457

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 | | COMMENTS |
|---|---|---|
| Trigger Assy | 173.31 | |
| Mag. Follower | 6.12 | |
| Scope Rep | 119.43 | |
| Clean/Insp/Prep | 50.00 | |
| | 349.26 | |

| 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. C6587692
DATE 10-18-95
TESTER DA

| | 2.50# INITIAL | 2.50# AFTER 50 CYCLES | FINAL TEST & TO RESET 2.50# | | COMMENTS |
|---|---|---|---|---|---|
| PULL #1 | 2.57 | 2.46 | 2.56 | | MIN. SETTING, |
| PULL #2 | 2.54 | 2.40 | 2.58 | | NO AVG. OF 5 |
| PULL #3 | 2.55 | 2.42 | 2.60 | | READINGS ACCEPT- |
| PULL #4 | 2.57 | 2.41 | 2.59 | | ABLE LESS THAN 2# |
| PULL #5 | 2.63 | 2.40 | 2.47 | | |
| TOTAL | 12.74 | 12.09 | 12.80 | | |
| AVG. | 2.54 | 2.41 | 2.56 | | |

| | 3.00# INITIAL | 3.00# AFTER 20 CYCLES | | COMMENTS |
|---|---|---|---|---|
| PULL #1 | 3.00 | 2.97 | | |
| PULL #2 | 3.01 | 2.88 | | |
| PULL #3 | 3.00 | 2.90 | | |
| PULL #4 | 2.96 | 2.91 | | |
| PULL #5 | 2.90 | 2.90 | | |
| TOTAL | 14.87 | 14.56 | | |
| AVG. | 2.97 | 2.91 | | |

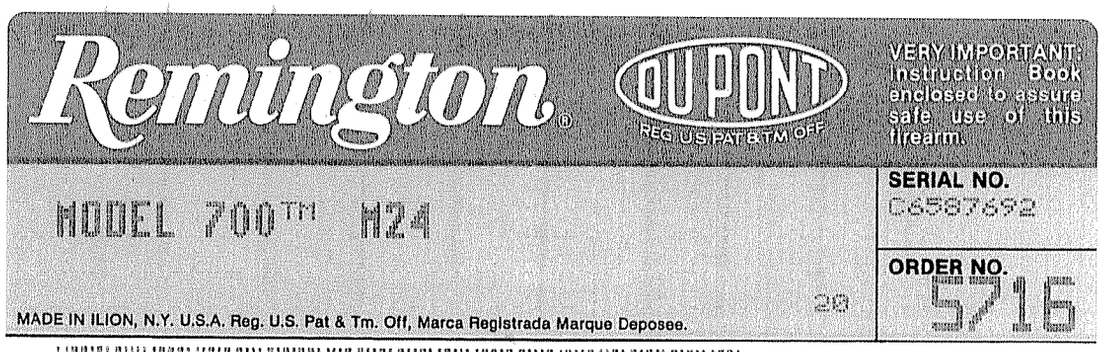
| | 4.00# INITIAL | 4.00# AFTER 20 CYCLES | MAX SETTING GREATER THAN 4# | RESET TO 4# FOR TARGET & ACCURACY |
|---|---|---|---|---|
| PULL #1 | 4.12 | 4.16 | 4.30 | |
| PULL #2 | 4.23 | 4.08 | 4.31 | |
| PULL #3 | 4.22 | 4.19 | 4.37 | |
| PULL #4 | 4.12 | 4.02 | 4.27 | |
| PULL #5 | 4.11 | 4.16 | 4.31 | |
| TOTAL | 20.80 | 20.61 | 21.56 | |
| AVG. | 4.16 | 4.12 | 4.31 | |

CONTRACT # DAAA21-87-C-0086

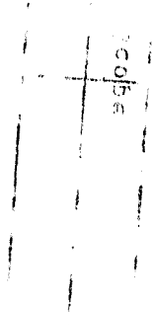
GUN SERIAL # C6587692

| 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 1/2 | 5 3/4 | 5 3/4 | | | 11/28 | WB |
| | G) Safety Off Force | 3 | 3 1/4 | 3 1/4 | | | 11/28 | 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 | 2.58 | 2.62 | 2.62 | 2.57 | 2.69 | 11/28 | WB |
| | C) Function | | | | | | | |
| 660 | Pack | | | | | | | |







5C

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587692

| OP. # | OP. NAME | READINGS | DATE | INIT |
|---|---|---|---|---|
| 575 & 580 | Assemble Action and Stock | | 10 9 90 | RW |
| 600 | Proof | | 10 9 90 | RW |
| 607 | Check Headspace | | 10 9 90 | RW |
| 610 | Dis-assemble Gun | | 10 9 90 | RW |
| 612 | Magnaflux Barrel Action | | 10/17/90 | KR |
| | Magnaflux Bolt | | " | KR |
| 615 | Rollmark Caliber | | " | LB |
| 617 | Drill and Tap Sight Holes | | 10/18/90 | LB |
| 618 | Polish Barrel RB | | 10/19/90 | WB |
| 620 | Apply Coatings (Barrel Action) | | 11-5-90 | |
| | Apply Coating (Bolt) | | | |
| 625 | Final Assembly A) Clean inside of Bolt Assembly | | 12/12/90 | RW |
| | B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head | | 12/12/90 | RW |
| | C) Inspect Ejector Hole for Chamfer | | 12/12/90 | RW |
| | D) Oil Firing Pin Ass'y | | 12/12/90 | RW |
| | E) Adjust Trigger Pull to Min Setting and Stake | | 1-10-91 | |

| op. # | OP. NAME | READINGS | | | DATE | INIT |
|---|---|---|---|---|---|---|
| 625 cont. | F) Safety On Force | 4.50 | 4.75 | 4.75 | 1/8/91 | KL |
| | G) Safety Off Force | 3.50 | 3.50 | 3.50 | 1/8/91 | KL |
| | H) Trigger Pull Test & Retainability | | | | 1-10-91 | |
| | I) Firing Pin Indent | .020 | .020 | .020 | 1/8/91 | KL |
| | J) Assemble Stock | | | | 1/11/91 | RW |
| | K) Assemble Swivel Studs | | | | 1-14-91 | |
| | L) Attach Front and Rear Sight Assemblies | | | | 1/11/91 | RW |
| | M) Iron Sight Alignment | | | | 1/11/91 | RW |
| | N) Detach Front & Rear Sights & place in numbered container | | | | 1/11/91 | RW |
| | O) Attach Scope to Rifle | | | | 1/11/91 | RW |
| | P) Detach & Attach Scope 20 Times | | | | 1/11/91 | RW |
| 640 | Gallery Target & Test | | | | 1-13-91 | DH |
| | A) Time | | | | 1-13-91 | DH |
| | B) Malfunctions | | | | 1-13-91 | DH |
| | C) Pierced Primers | | | | 1-13-91 | DH |
| | D) Optical Clearity of Scope | | | | 1-13-91 | DH |
| 645 | Inspect for Live Ammo | | | | 1-13-91 | DH |
| 655 | Final Inspection A) Headspace | | | | 1-14-91 | |
| | B) Trigger Pull | 2.50 | 2-10 2-11 2-20 2-10 | | 1-14-91 | |
| | C) Function | | | | 1-14-91 | |
| 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. C7587692

DATE 1-16-91

TESTER JH

| | 2.50# INITIAL | 2.50# AFTER 50 CYCLES | FINAL TEST & TO RESET 2.50# | | COMMENTS |
|---|---|---|---|---|---|
| PULL #1 | 2.40 | 2.50 | 2.46 | 2.50 | MIN. ~~SETTING~~, |
| PULL #2 | 2.45 | 2.26 | 2.31 | 2.10 | NO ~~AVG. OF~~ 5 |
| PULL #3 | 2.47 | 2.47 | 2.30 | 2.11 | ~~READINGS ACCEPT~~- |
| PULL #4 | 2.25 | 2.37 | 2.44 | 2.20 | ABLE ~~LESS~~ THAN 2# |
| PULL #5 | 2.48 | 2.48 | 2.40 | 2.10 | |
| TOTAL | | | | | |
| AVG. | | | | | |

| | 3.00# INITIAL | 3.00# AFTER 20 CYCLES | | COMMENTS |
|---|---|---|---|---|
| PULL #1 | 3.45 | 3.20 | | |
| PULL #2 | 3.50 | 3.24 | | |
| PULL #3 | 3.43 | 3.43 | | |
| PULL #4 | 3.37 | 3.35 | | |
| PULL #5 | 3.14 | 3.41 | | |
| TOTAL | | | | |
| AVG. | | | | |

| | 4.00# INITIAL | 4.00# AFTER 20 CYCLES | MAX SETTING GREATER THAN 4# | RESET TO 4# FOR TARGET & ACCURACY |
|---|---|---|---|---|
| PULL #1 | 4.22 | 4.30 | | 4.34 |
| PULL #2 | 4.49 | 4.12 | | 4.50 |
| PULL #3 | 4.48 | 4.35 | | 4.45 |
| PULL #4 | 4.48 | 4.49 | | 4.35 |
| PULL #5 | 4.46 | 4.34 | | 4.47 |
| TOTAL | | | | |
| AVG. | | | | |

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587692
14 Jan 1991

CENTROIDAL DISTANCES

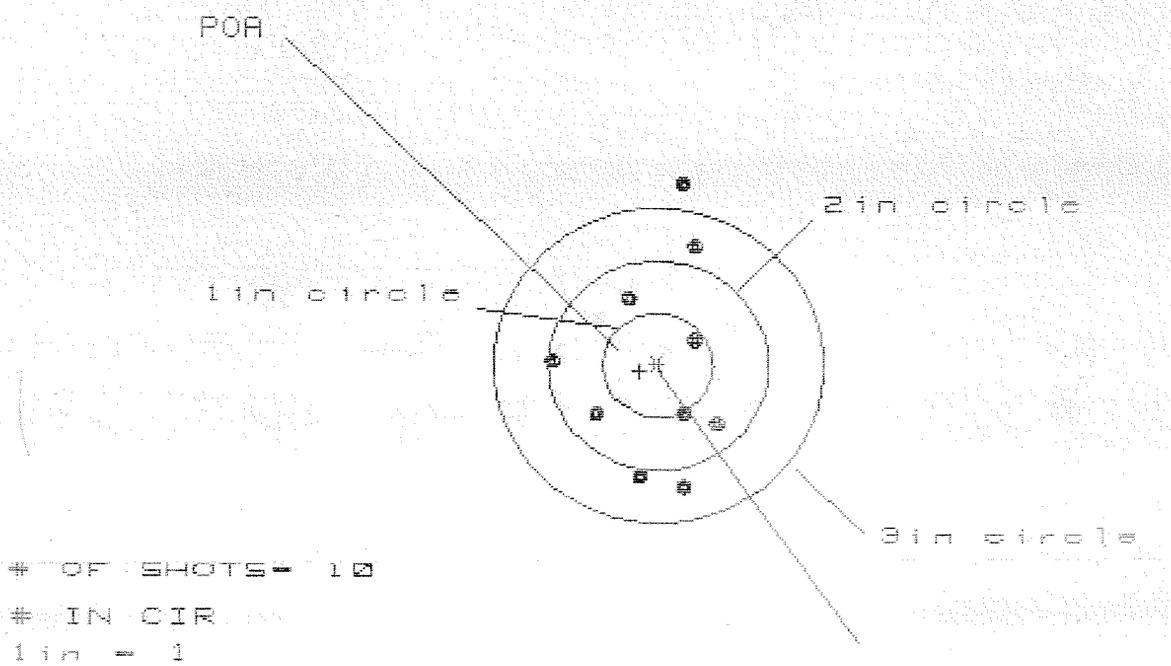
| | | | |
|---|---|---|---|
| Ø | TO | 1 | .173623 |
| 1 | TO | 2 | .273856 |
| 1 | TO | 3 | .116211 |
| 1 | TO | 4 | .300734 |
| 1 | TO | 5 | .125925 |


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1808
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0994
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .206323

THE AMR FOR THIS RIFLE IS: .928

14 Jan 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6507652

# CENTERFIRE PATTERNS # 1




# OF SHOTS= 10

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

HS= 1.576
VS= 2.904
GS= 2.904

| PATTERN # | : | 1 | | |
|---|---|---|---|---|
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | .579 | .604 | .639 |
| MINIMUM X | : | -.997 | -.972 | -.937 |
| MAXIMUM Y | : | 1.749 | 1.294 | 1.174 |
| MINIMUM Y | : | -1.155 | -.961 | -.943 |
| CENTROID X | : | .164 | .139 | .104 |
| CENTROID Y | : | .057 | -.137 | -.017 |
| POA TO CENTROID in. | : | .174 | .195 | .106 |
| MIN RADIUS | : | .411 | .423 | .504 |
| MEAN RADIUS | : | .937 | .819 | .799 |
| MAX RADIUS | : | 1.764 | 1.340 | 1.235 |
| HORIZONTAL SPREAD | : | 1.576 | 1.576 | 1.576 |
| VERTICAL SPREAD | : | 2.904 | 2.255 | 2.117 |
| EXTREME SPREAD | : | 2.904 | 2.256 | 2.175 |
| NUMBER IN ONE INCH CIRCLE | = | | 1 | |
| NUMBER IN TWO INCH CIRCLE | = | | 6 | |
| NUMBER IN THREE INCH CIRCLE | = | | 9 | |

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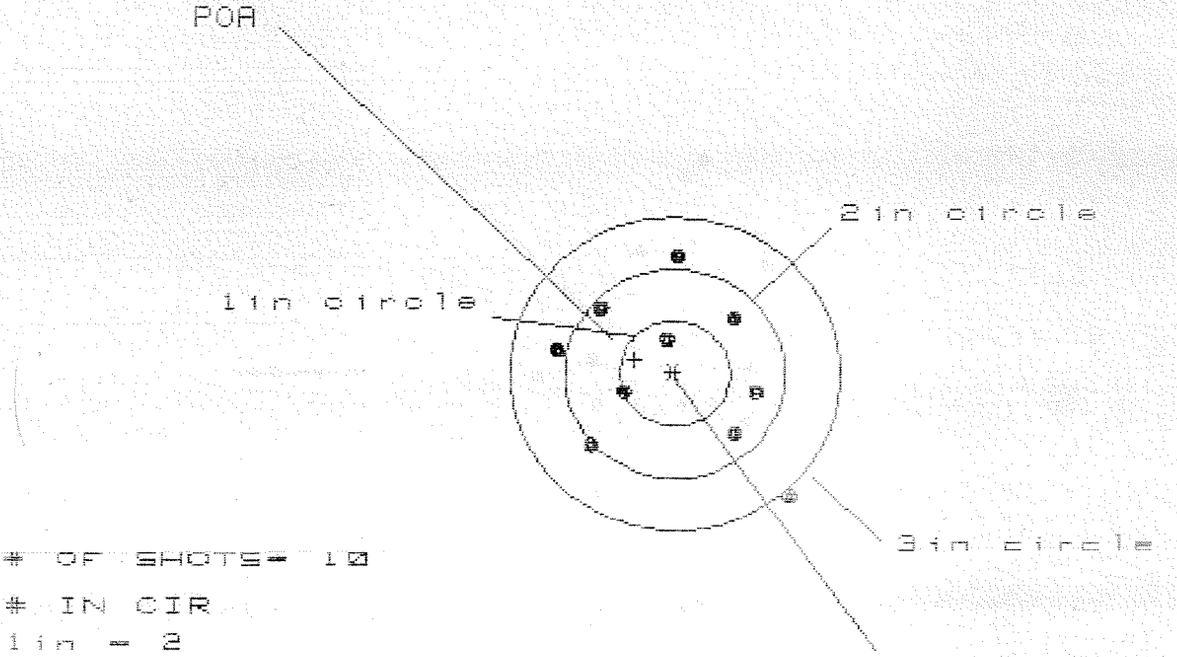
# CENTERFIRE PATTERNS # 2




# OF SHOTS= 10

# IN CIR
1in = 2
2in = 6
3in = 9

HS= 2.123
VS= 2.324
GS= 2.556

| PATTERN # | : | 2 | | |
|---|---|---|---|---|
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.070 | .902 | .917 |
| MINIMUM X | : | -1.053 | -.934 | -.919 |
| MAXIMUM Y | : | 1.138 | 1.006 | .670 |
| MINIMUM Y | : | -1.186 | -.833 | -.707 |
| CENTROID X | : | .365 | .246 | .231 |
| CENTROID Y | : | -.129 | .003 | -.123 |
| POA TO CENTROID in. | : | .387 | .246 | .261 |
| MIN RADIUS | : | .287 | .186 | .305 |
| MEAN RADIUS | : | .888 | .786 | .757 |
| MAX RADIUS | : | 1.597 | 1.025 | .946 |
| HORIZONTAL SPREAD | : | 2.123 | 1.836 | 1.836 |
| VERTICAL SPREAD | : | 2.324 | 1.839 | 1.377 |
| EXTREME SPREAD | : | 2.556 | 1.976 | 1.881 |
| NUMBER IN ONE INCH CIRCLE | = | 2 | | |
| NUMBER IN TWO INCH CIRCLE | = | 6 | | |
| NUMBER IN THREE INCH CIRCLE | = | 9 | | |

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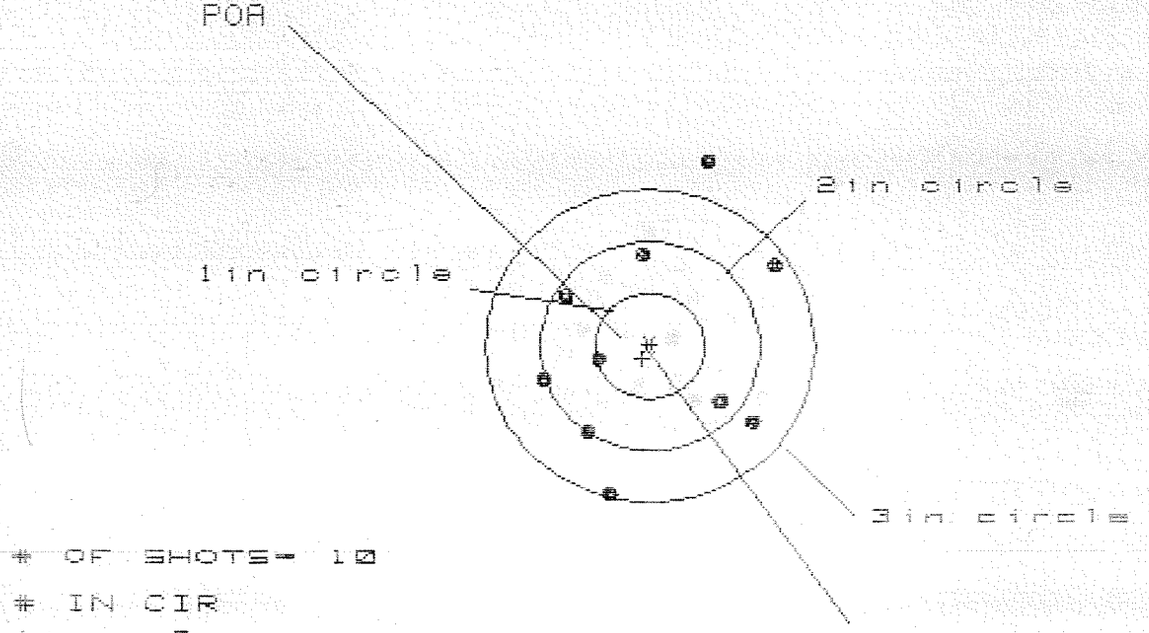
# CENTERFIRE PATTERNS # 3




# OF SHOTS= 10

# IN CIR
1in = 0
2in = 5
3in = 9

HS= 2.158
VS= 3.134
GS= 3.246

| | | | |
|---|---|---|---|
| PATTERN # | : | 3 | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.162 | 1.216 | 1.178 |
| MINIMUM X | : | -.996 | -.942 | -.980 |
| MAXIMUM Y | : | 1.750 | 1.094 | .945 |
| MINIMUM Y | : | -1.384 | -1.189 | -.742 |
| CENTROID X | : | .067 | .013 | .051 |
| CENTROID Y | : | .121 | -.074 | .075 |
| POA TO CENTROID in. | : | .138 | .075 | .091 |
| MIN RADIUS | : | .501 | .423 | .473 |
| MEAN RADIUS | : | 1.093 | .985 | .955 |
| MAX RADIUS | : | 1.817 | 1.530 | 1.413 |
| HORIZONTAL SPREAD | : | 2.158 | 2.158 | 2.158 |
| VERTICAL SPREAD | : | 3.134 | 2.283 | 1.687 |
| EXTREME SPREAD | : | 3.246 | 2.608 | 2.411 |
| NUMBER IN ONE INCH CIRCLE | = | 0 | | |
| NUMBER IN TWO INCH CIRCLE | = | 5 | | |
| NUMBER IN THREE INCH CIRCLE | = | 9 | | |

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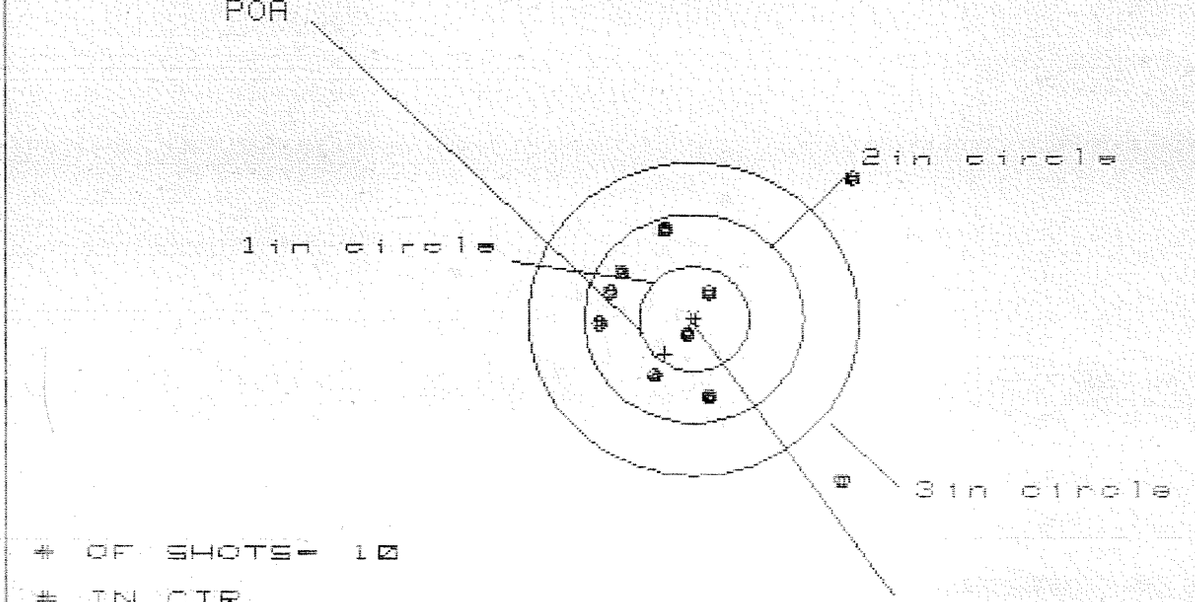
# CENTERFIRE PATTERNS # 4




# OF SHOTS= 10

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

HS= 2.252
VS= 2.947
GS= 2.948

| | | | |
|---|---|---|---|
| PATTERN # | : | 4 | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.390 | 1.535 | .480 |
| MINIMUM X | : | -.862 | -.717 | -.525 |
| MAXIMUM Y | : | 1.382 | 1.208 | .794 |
| MINIMUM Y | : | -1.565 | -.896 | -.745 |
| CENTROID X | : | .260 | .115 | -.077 |
| CENTROID Y | : | .342 | .516 | .365 |
| POA TO CENTROID in. | : | .430 | .529 | .373 |
| MIN RADIUS | : | .200 | .304 | .334 |
| MEAN RADIUS | : | .929 | .781 | .596 |
| MAX RADIUS | : | 2.039 | 1.953 | .890 |
| HORIZONTAL SPREAD | : | 2.252 | 2.252 | 1.013 |
| VERTICAL SPREAD | : | 2.947 | 2.104 | 1.539 |
| EXTREME SPREAD | : | 2.948 | 2.677 | 1.583 |
| NUMBER IN ONE INCH CIRCLE | = | 2 | | |
| NUMBER IN TWO INCH CIRCLE | = | 8 | | |
| NUMBER IN THREE INCH CIRCLE | = | 8 | | |

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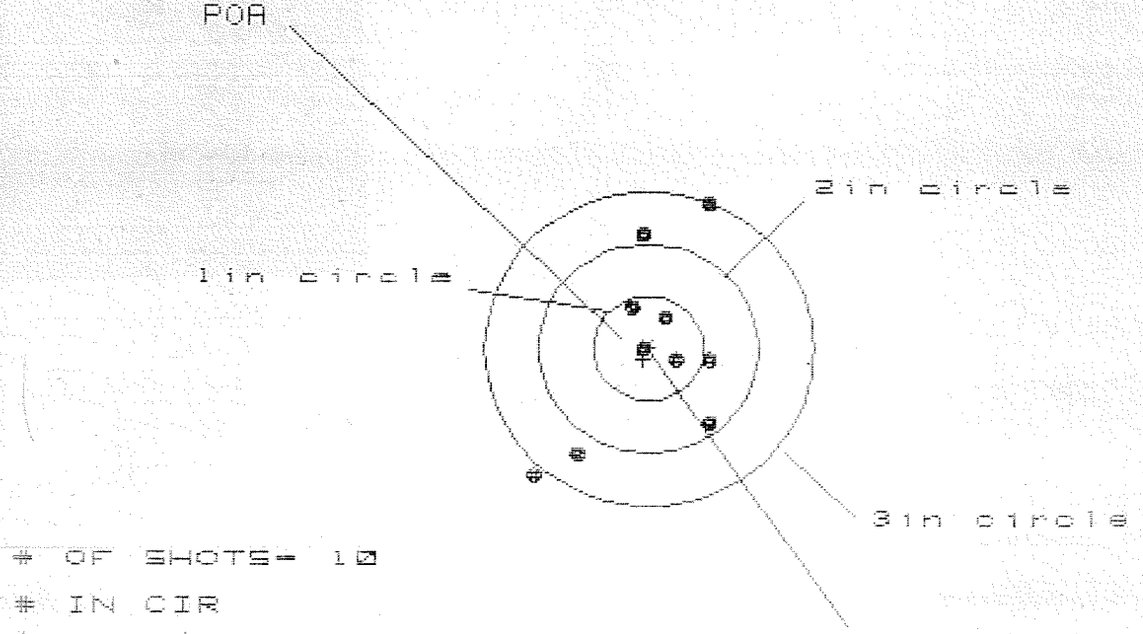
# CENTERFIRE PATTERNS # 5




# OF SHOTS= 10

# IN CIR
1in = 4
2in = 6
3in = 9

HS= 1.667
VS= 2.548
GS= 3.004

| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 5 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | .594 | .475 | .524 |
| MINIMUM X | : | -1.073 | -.729 | -.680 |
| MAXIMUM Y | : | 1.346 | 1.212 | 1.120 |
| MINIMUM Y | : | -1.202 | -1.138 | -.986 |
| CENTROID X | : | .048 | .167 | .118 |
| CENTROID Y | : | .106 | .240 | .088 |
| POA TO CENTROID in. | : | .116 | .292 | .147 |
| MIN RADIUS | : | .095 | .217 | .157 |
| MEAN RADIUS | : | .793 | .688 | .604 |
| MAX RADIUS | : | 1.611 | 1.351 | 1.198 |
| HORIZONTAL SPREAD | : | 1.667 | 1.204 | 1.204 |
| VERTICAL SPREAD | : | 2.548 | 2.350 | 2.106 |
| EXTREME SPREAD | : | 3.004 | 2.607 | 2.169 |
| NUMBER IN ONE INCH CIRCLE | = | | 4 | |
| NUMBER IN TWO INCH CIRCLE | = | | 6 | |
| NUMBER IN THREE INCH CIRCLE | = | | 9 | |