Smead®

G623472

MODEL 700 TH M24

Model 5/16 TH

Action

Barrel Length

Capacity

Order No. 571G

*Includes 1 in chamber.

Remington

Arms Services Repair & Estimate System
BARBER - M24 0028685

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

Repair Inquiry

Repair Number: RE00072621
Verify Repair | High Priority

Serial: C6523472 5THModel 700 Center Fire Caliber: 7.62 NATO M24 SWS Produced: 12/18/1990

Repairman:
Status: Closed 11/6/2003 10:30:42 AM

**Address Information**

| Customer: (Received From) | | Return To: (Received From) | |
|---|---|---|---|
| Name: | USPFO FOR TEXAS | | USPFO FOR TEXAS |
| Address 1: | 2200 W 35TH ST BLDG 72 | | 2200 W 35TH ST BLDG 72 |
| Address 2: | CAMP MABRY PO Box: | | CAMP MABRY PO Box: |
| City: | AUSTIN | | AUSTIN |
| State: | TX Zip Code: 78763 Country: US | State: | TX Zip Code: 78763 Country: US |

ScreenPrint32 v3.1 - Currently Unregistered
Printing Image to '<Default Printer>'. Please Wait...

Contact / Condition | Shipping / Billing

Contact Information

Phone: 512 782 5831 *
Fax:
Email:
Comments: *SSG Timothy Osborne

Condition: Fair
Condition Notes:
CSR Notes:

Received

| Code | Desc | Qty |
|---|---|---|
| A007 | With Studs | 3 |
| A017 | Scope Base | 1 |

Repair Search | Refresh | Close

negletj | 11/7/2003 | 7:29 AM | CAPS | NUM | INS | SCRL

start | 3 Microsoft C... | 4 Microsoft EX... | Arms Services R... | 2 Internet Ex... | 7:29 AM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523472.__0
FILE DATE AND TIME: 01/20/2004 08:53

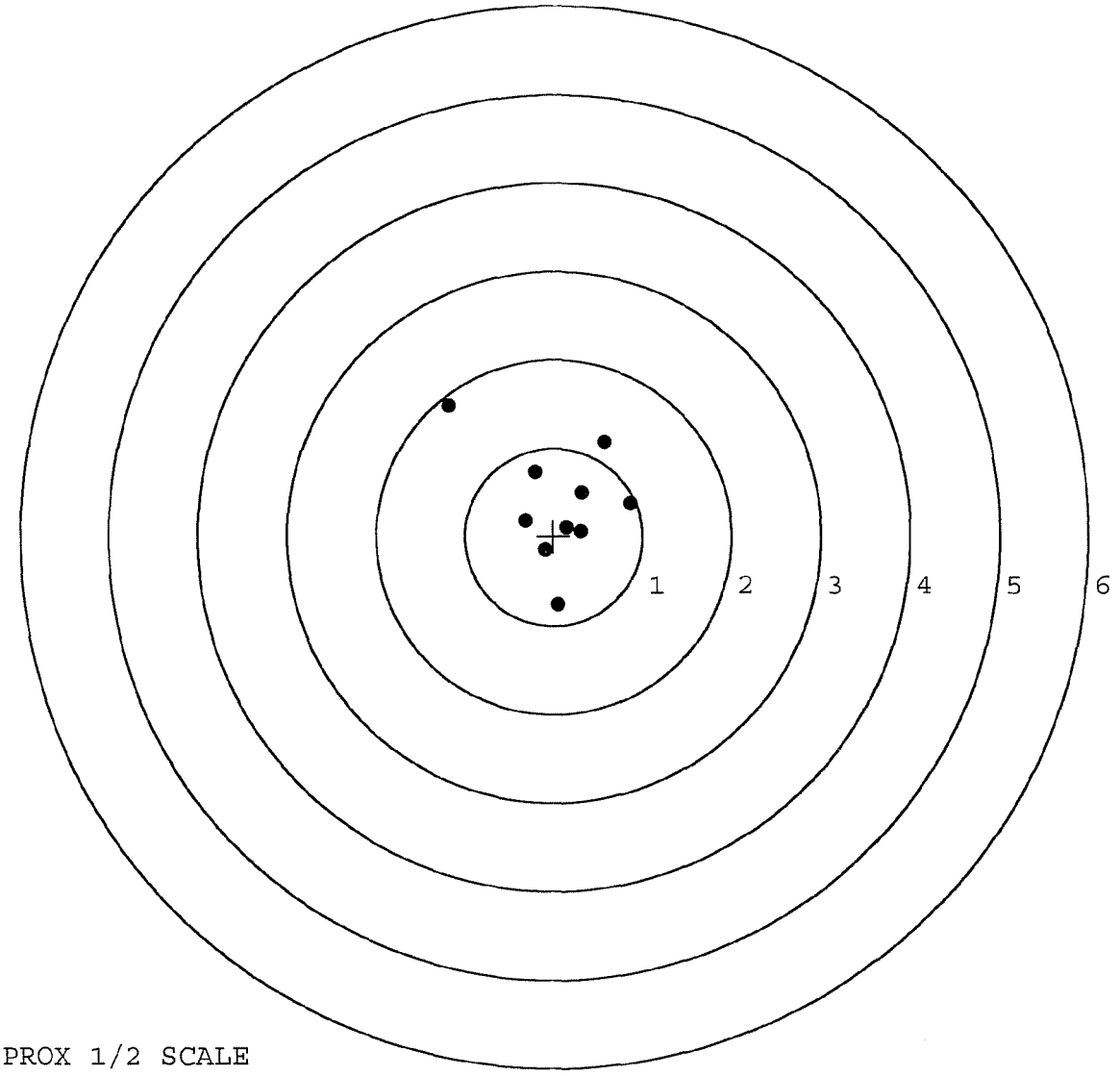
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

| | |
|---|---|
| The Average X Centroid of the Five Target Set: | 0.041 |
| The Average Y Centroid of the Five Target Set: | 0.216 |
| The Average Point of Impact of the Five Target Set: | 0.220 |
| The Average Mean Radius of the Five Target Set: | 0.636 |
| The Distance from POA to Centroid Target #1: | 0.358 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.288 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.104 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.301 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.330 |

SERIAL NUMBER: C6523472.__0
TARGET NUMBER: 1
FILE DATE: 01/20/2004
FILE TIME: 08:53

| | |
|---|---|
| X CENTROID: | 0.046 |
| Y CENTROID: | 0.355 |
| POA TO CENTROID: | 0.358 |
| HORZ SPREAD: | 2.051 |
| VERT SPREAD: | 2.246 |
| GROUP SPREAD: | 2.569 |
| MIN RADIUS: | 0.270 |
| MAX RADIUS: | 1.667 |
| MEAN RADIUS: | 0.687 |
| # IN 1 IN DIAMETER: | 5 |
| # IN 2 IN DIAMETER: | 8 |
| # in 3 IN DIAMETER: | 9 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.573 | 1.072 |
| 2: | 0.861 | 0.374 |
| 3: | 0.319 | 0.497 |
| 4: | -0.213 | 0.728 |
| 5: | -1.190 | 1.474 |
| 6: | 0.057 | -0.772 |
| 7: | -0.096 | -0.160 |
| 8: | 0.311 | 0.054 |
| 9: | -0.316 | 0.178 |
| 10: | 0.150 | 0.106 |

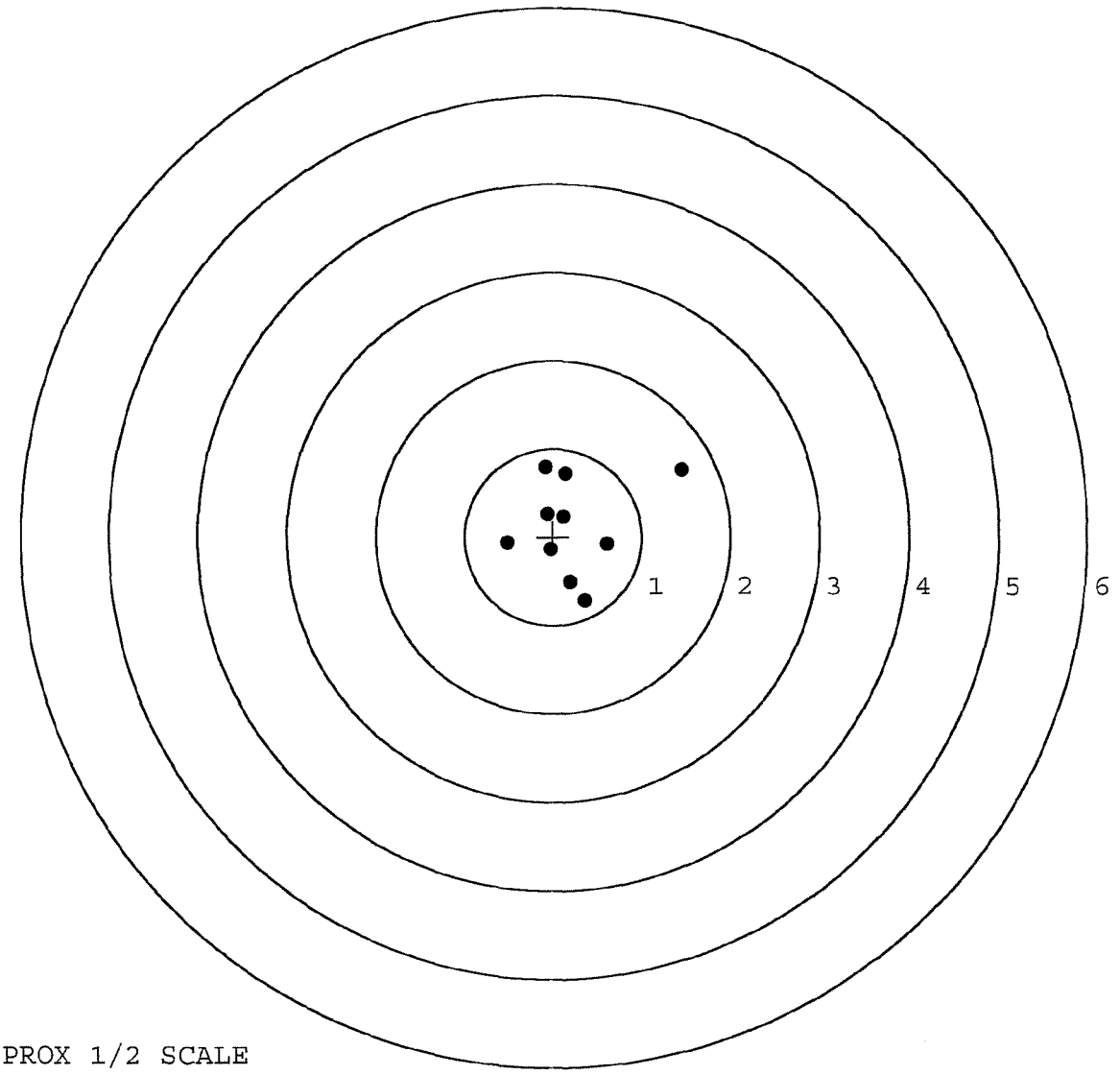



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523472.__0
TARGET NUMBER: 2
FILE DATE: 01/20/2004
FILE TIME: 08:53

| | |
|---|---|
| X CENTROID: | 0.219 |
| Y CENTROID: | 0.125 |
| POA TO CENTROID: | 0.252 |
| HORZ SPREAD: | 1.971 |
| VERT SPREAD: | 1.517 |
| GROUP SPREAD: | 2.139 |
| MIN RADIUS: | 0.148 |
| MAX RADIUS: | 1.390 |
| MEAN RADIUS: | 0.627 |
| # IN 1 IN DIAMETER: | 4 |
| # IN 2 IN DIAMETER: | 9 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 1.453 | 0.766 |
| 2: | 0.613 | -0.079 |
| 3: | 0.368 | -0.724 |
| 4: | 0.204 | -0.512 |
| 5: | -0.518 | -0.065 |
| 6: | -0.030 | -0.146 |
| 7: | 0.119 | 0.235 |
| 8: | -0.070 | 0.261 |
| 9: | 0.141 | 0.726 |
| 10: | -0.090 | 0.793 |

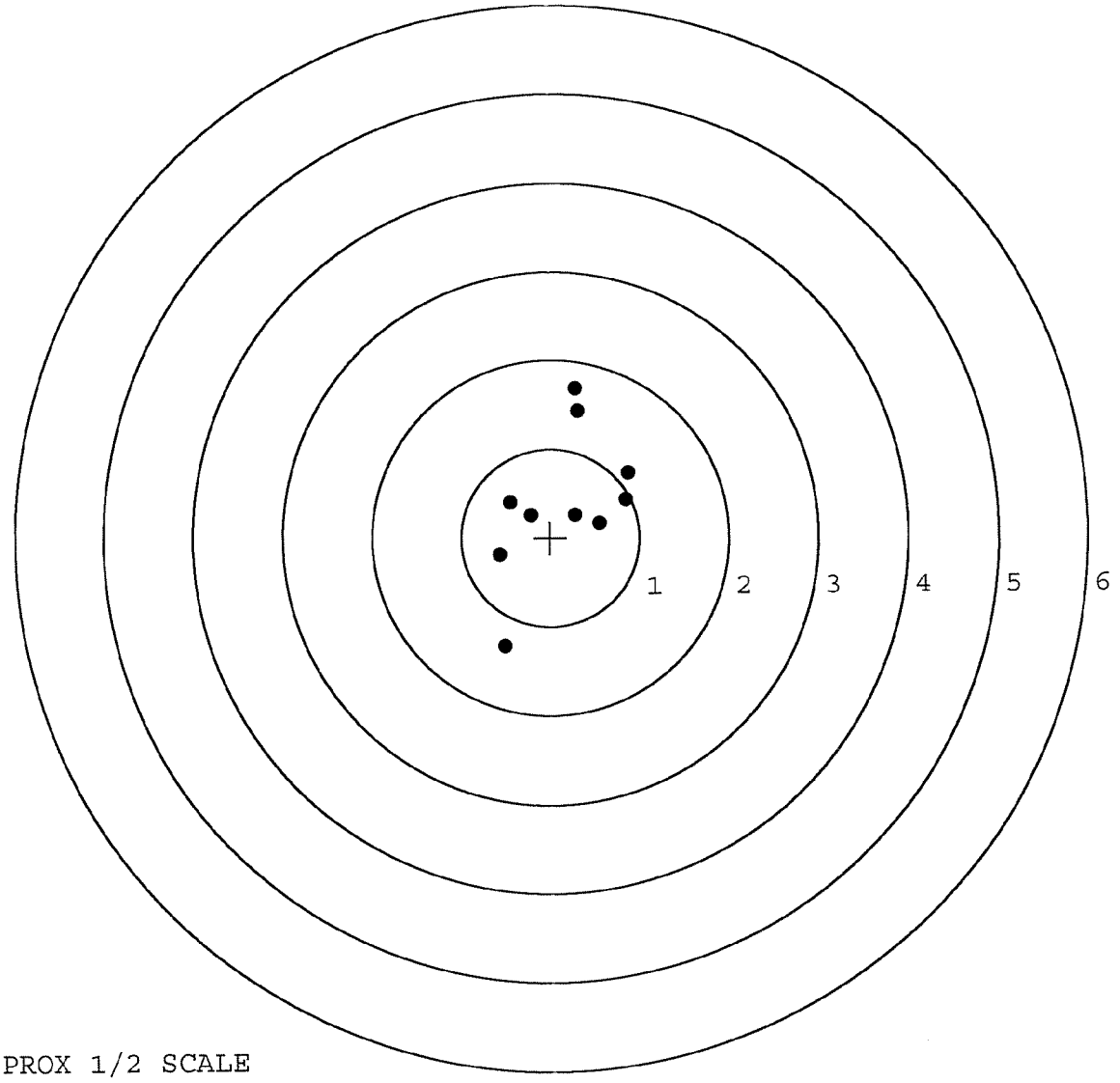



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523472.__0
TARGET NUMBER: 3
FILE DATE: 01/20/2004
FILE TIME: 08:53

| | |
|---|---|
| X CENTROID: | 0.142 |
| Y CENTROID: | 0.393 |
| POA TO CENTROID: | 0.418 |
| HORZ SPREAD: | 1.448 |
| VERT SPREAD: | 2.901 |
| GROUP SPREAD: | 3.011 |
| MIN RADIUS: | 0.199 |
| MAX RADIUS: | 1.745 |
| MEAN RADIUS: | 0.816 |
| # IN 1 IN DIAMETER: | 3 |
| # IN 2 IN DIAMETER: | 7 |
| # in 3 IN DIAMETER: | 9 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.290 | 1.678 |
| 2: | 0.316 | 1.421 |
| 3: | -0.571 | -0.187 |
| 4: | -0.516 | -1.223 |
| 5: | -0.450 | 0.405 |
| 6: | -0.214 | 0.259 |
| 7: | 0.284 | 0.254 |
| 8: | 0.554 | 0.166 |
| 9: | 0.852 | 0.429 |
| 10: | 0.877 | 0.729 |

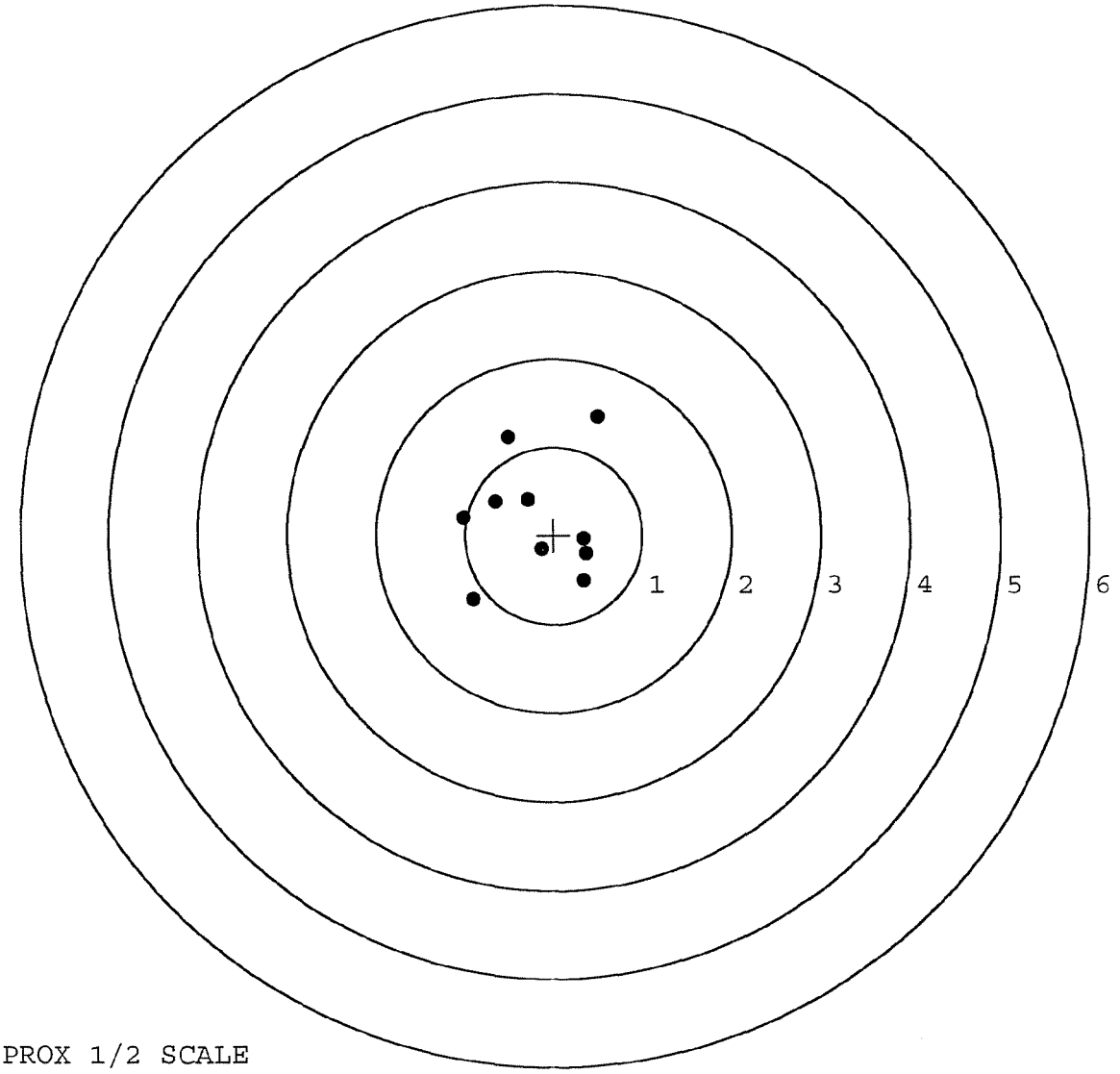



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523472.__0
TARGET NUMBER: 4
FILE DATE: 01/20/2004
FILE TIME: 08:53

| | |
|---|---|
| X CENTROID: | -0.199 |
| Y CENTROID: | 0.179 |
| POA TO CENTROID: | 0.268 |
| HORZ SPREAD: | 1.518 |
| VERT SPREAD: | 2.078 |
| GROUP SPREAD: | 2.506 |
| MIN RADIUS: | 0.246 |
| MAX RADIUS: | 1.358 |
| MEAN RADIUS: | 0.757 |
| # IN 1 IN DIAMETER: | 2 |
| # IN 2 IN DIAMETER: | 8 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.498 | 1.345 |
| 2: | -0.525 | 1.112 |
| 3: | -0.298 | 0.405 |
| 4: | -1.020 | 0.197 |
| 5: | -0.665 | 0.381 |
| 6: | -0.902 | -0.733 |
| 7: | -0.139 | -0.158 |
| 8: | 0.342 | -0.037 |
| 9: | 0.367 | -0.206 |
| 10: | 0.353 | -0.512 |

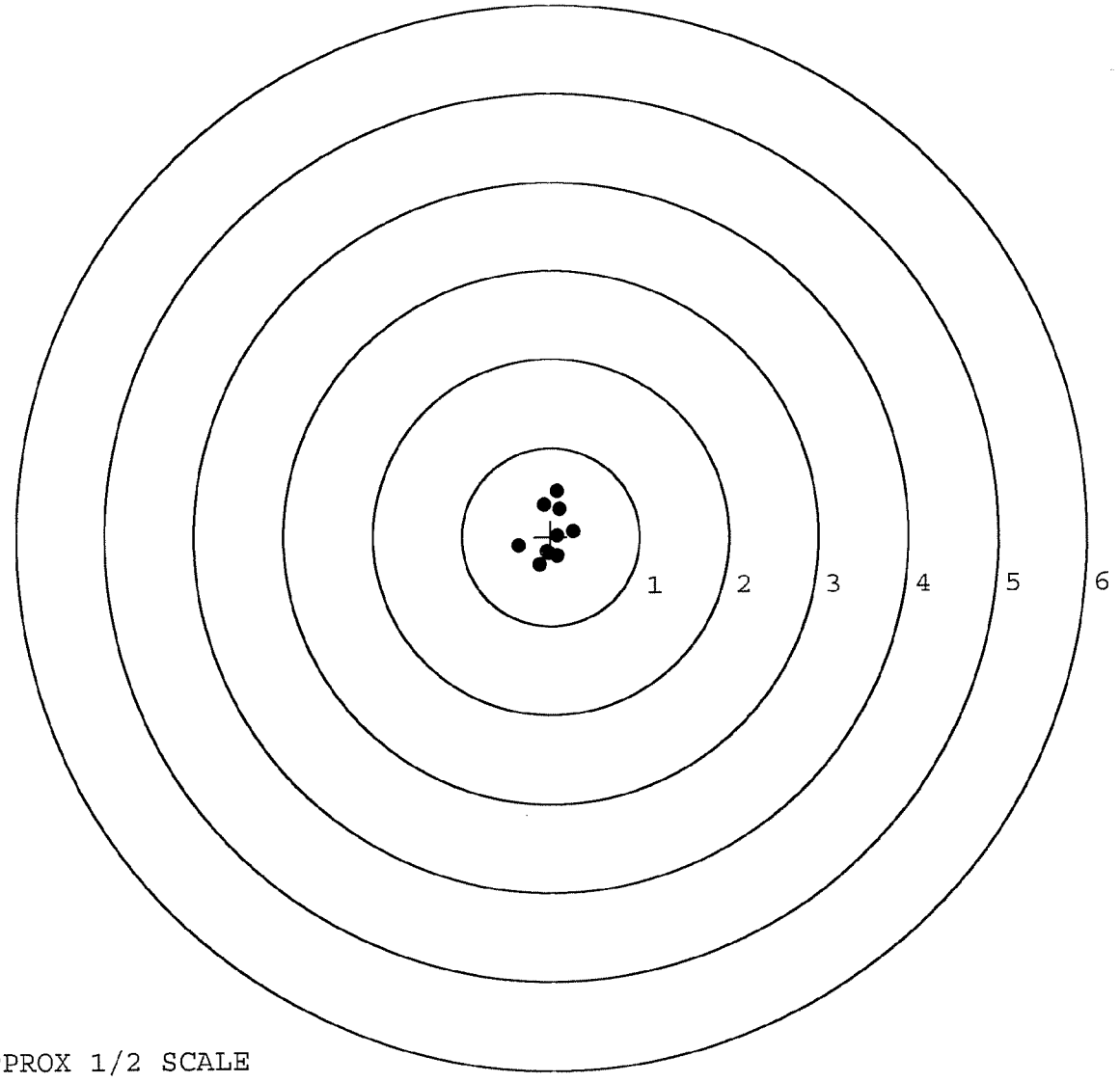



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523472.__0
TARGET NUMBER: 5
FILE DATE: 01/20/2004
FILE TIME: 08:53

| | |
|---|---|
| X CENTROID: | -0.005 |
| Y CENTROID: | 0.029 |
| POA TO CENTROID: | 0.029 |
| HORZ SPREAD: | 0.621 |
| VERT SPREAD: | 0.831 |
| GROUP SPREAD: | 0.856 |
| MIN RADIUS: | 0.085 |
| MAX RADIUS: | 0.495 |
| MEAN RADIUS: | 0.291 |
| # IN 1 IN DIAMETER: | 10 |
| # IN 2 IN DIAMETER: | 10 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | -0.362 | -0.105 |
| 2: | -0.128 | -0.314 |
| 3: | 0.075 | -0.218 |
| 4: | 0.259 | 0.065 |
| 5: | 0.106 | 0.314 |
| 6: | 0.076 | 0.517 |
| 7: | -0.049 | -0.171 |
| 8: | -0.074 | 0.361 |
| 9: | 0.079 | 0.017 |
| 10: | -0.030 | -0.180 |

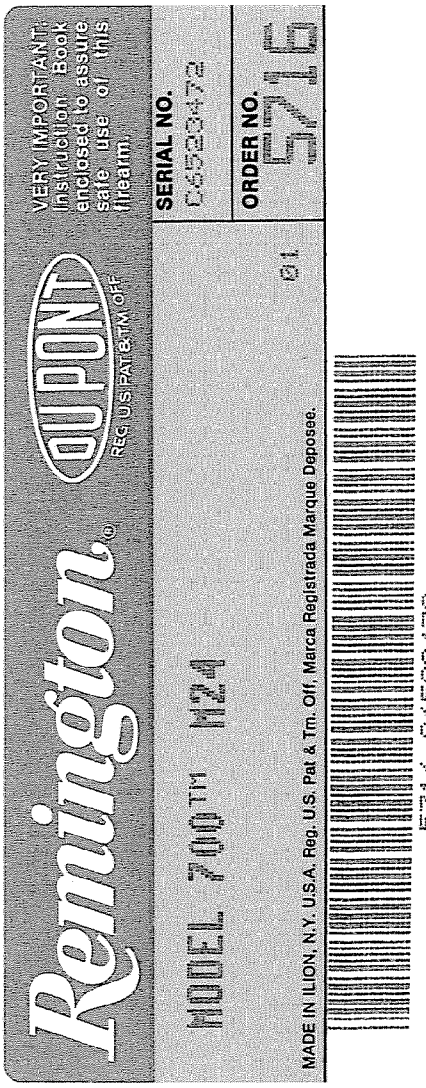


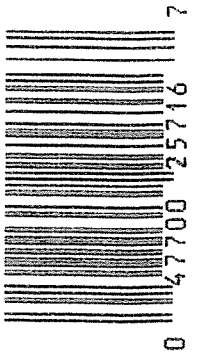

TARGET APPROX 1/2 SCALE

# M-24 INSPECTION CHECKLIST

CONTRACT #: DAAE-20-02-D-0127

| | | | |
|---|---|---|---|
| R & E NUMBER | 72621 | | |
| | | | |
| SERIAL NUMBER | C6523472 | | |
| | | | |
| LOG-IN DATE | 11-6-03 | | |
| | | | |
| | | | |
| INSPECT AND VERIFY: | | | |
| OPERATION # | OPERATION NAME | DATE | INITIAL |
| 550 | DIS-ASSEMBLE GUN | 12-23-03 | RTL |
| 560 A | RE-BARREL | 1-7-04 | RTL |
| B | DRILL AND TAP | 1-9-04 | TRW |
| 575 | ASSEMBLE | 1-8-04 | RTL |
| 600 | PROOF | 1-8-04 | RW |
| 605 | CHECK HEADSPACE | 1-8-04 | RW |
| 610 | DIS-ASSEMBLE GUN | 1-8-04 | RW |
| 612 | MAGNAFLUX | | |
| 615 | ROLLMARK CALIBER | 1-13-04 | NB |
| 618 | ROTO-BLAST | 1/13/2004 | Dan S |
| 620 | APPLY COATINGS | 1-15 | TA |
| 625 A | FINAL ASSEMBLY | 1-16-04 | RW |
| B | TRIGGER PULL TEST | | |
| C | SAFETY "ON" FORCE | | |
| D | SAFETY "OFF" FORCE | | |
| E | FIRING PIN INDENT | | |
| 640 | TARGET | 1-20-04 | AC |
| 655 | FINAL INSPECT | 1-21-04 | RW |
| 660 | PACK | 1-22-04 | DA |
| | | | |
| | | | |
| | | | |
| | | | |
| | | SHIP DATE | |
| | | | |
| | QAR INSPECTION DATE | | |


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.
C6523472
ORDER NO.
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
01
5716 C6523472


UPC
0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523472

| OP. # | OP. NAME | READINGS | DATE | INIT |
|---|---|---|---|---|
| 575 & 580 | Assemble Action and Stock | | 10/2/90 | KS |
| 600 | Proof | | 10/2/90 | KS |
| 607 | Check Headspace | | 10/2/90 | KS |
| 610 | Dis-assemble Gun | | 10/2/90 | KS |
| 612 | Magnaflux Barrel Action | | 10/5/90 | KR |
| | Magnaflux Bolt | | 10/5/90 | KR |
| 615 | Rollmark Caliber | | 10/5/90 | KR |
| 617 | Drill and Tap Sight Holes | | 10/8/90 | WB |
| 618 | Polish Barrel RB | | 10/9/90 | WB |
| 620 | Apply Coatings (Barrel Action) | | 10-20-90 | TH |
| | Apply Coating (Bolt) | | | |
| 625 | Final Assembly A) Clean inside of Bolt Assembly | | 11/7/90 | KS |
| | B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head | | 11/7/90 | KS |
| | C) Inspect Ejector Hole for Chamfer | | 11/7/90 | KS |
| | D) Oil Firing Pin Ass'y | | 11/7/90 | KS |
| | E) Adjust Trigger Pull to Min Setting and Stake | | 11-7-90 | KS |

| op. # | OP. NAME | READINGS | | | DATE | INIT |
|---|---|---|---|---|---|---|
| 625 cont. | F) Safety On Force | 5 | 4 1/2 | 4 3/4 | 11/7/90 | KS |
| | G) Safety Off Force | 2 | 2 1/4 | 2 1/4 | 11/7/90 | KS |
| | H) Trigger Pull Test & Retainability | | | | 11-7-90 | |
| | I) Firing Pin Indent | .021 | .022 | .023 | 11/7/90 | KS |
| | J) Assemble Stock | | | | 11/8/90 | KS |
| | K) Assemble Swivel Studs | | | | 11-9-90 | DH |
| | L) Attach Front and Rear Sight Assemblies | | | | 11/8/90 | KS |
| | M) Iron Sight Alignment | | | | 11/8/90 | KS |
| | N) Detach Front & Rear Sights & place in numbered container | | | | 11/8/90 | KS |
| | O) Attach Scope to Rifle | | | | 11/8/90 | KS |
| | P) Detach & Attach Scope 20 Times | | | | 11/8/90 | KS |
| 640 | Gallery Target & Test | | | | 11-9-90 | AC |
| | A) Time | | | | 11-9-90 | AC |
| | B) Malfunctions | | | | 11-9-90 | AC |
| | C) Pierced Primers | | | | 11-9-90 | AC |
| | D) Optical Clearity of Scope | | | | 11-9-90 | AC |
| 645 | Inspect for Live Ammo | | | | 11-9-90 | AC |
| 655 | Final Inspection A) Headspace | | | | 11-19-90 | DH |
| | B) Trigger Pull | 2.25 | 2.11 | 2.12 | 2.02 2.02 | 11-19-90 DH |
| | C) Function | | | | 11-19-90 | DH |
| 660 | Pack | | | | 12-7-90 | DH |

# SWS TRIGGER PULL TEST

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

SERIAL NO. C6523472
DATE 11-7-90
TESTER JM

| | 2.50# INITIAL | 2.50# AFTER 50 CYCLES | FINAL TEST & TO RESET 2.50# | | COMMENTS |
|---|---|---|---|---|---|
| PULL #1 | 2.43 | 2.38 | 2.47 | 225 | MIN. SETTING, |
| PULL #2 | 2.38 | 2.47 | 2.27 | 211 | NO AVG. OF 5 |
| PULL #3 | 2.16 | 2.40 | 2.20 | 212 | READINGS ACCEPT- |
| PULL #4 | 2.26 | 2.17 | 2.30 | 202 | ABLE LESS THAN 2# |
| PULL #5 | 2.34 | 2.40 | 2.29 | 2.02 | |
| TOTAL | 11.57 | 11.82 | 11.53 | | |
| AVG. | 2.314 | 2.364 | 2.306 | | |

| | 3.00# INITIAL | 3.00# AFTER 20 CYCLES | | COMMENTS |
|---|---|---|---|---|
| PULL #1 | 3.39 | 3.43 | | |
| PULL #2 | 3.45 | 3.46 | | |
| PULL #3 | 3.44 | 3.43 | | |
| PULL #4 | 3.42 | 3.40 | | |
| PULL #5 | 3.46 | 3.41 | | |
| TOTAL | 17.16 | 17.13 | | |
| AVG. | 3.432 | 3.426 | | |

| | 4.00# INITIAL | 4.00# AFTER 20 CYCLES | MAX SETTING GREATER THAN 4# | RESET TO 4# FOR TARGET & ACCURACY |
|---|---|---|---|---|
| PULL #1 | 4.40 | 4.18 | | 4.39 |
| PULL #2 | 4.47 | 4.32 | | 4.39 |
| PULL #3 | 4.42 | 4.19 | | 4.11 |
| PULL #4 | 4.30 | 4.39 | | 4.35 |
| PULL #5 | 4.32 | 4.37 | | 4.39 |
| TOTAL | 21.91 | 21.45 | | 21.63 |
| AVG. | 4.382 | 4.29 | | 4.326 |

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523472
9 Nov 1990

CENTROIDAL DISTANCES

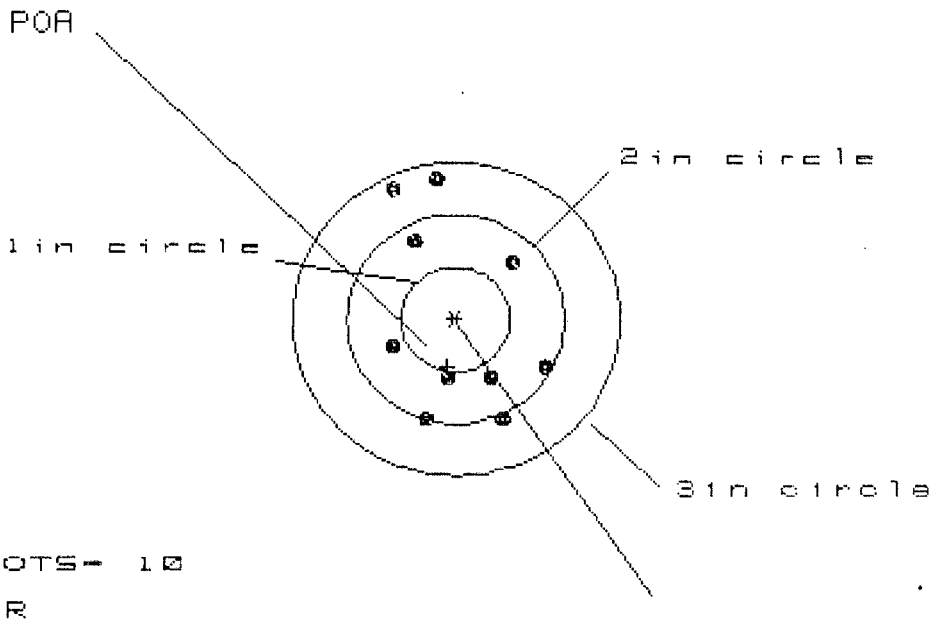
| | | | |
|---|---|---|---|
| Ø | TO | 1 | .459831 |
| 1 | TO | 2 | .474982 |
| 1 | TO | 3 | .384749 |
| 1 | TO | 4 | .265036 |
| 1 | TO | 5 | .28493 |


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .006
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2268
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .226879

THE AMR FOR THIS RIFLE IS: .924

9 Nov 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6523472

CENTERFIRE PATTERNS # 1

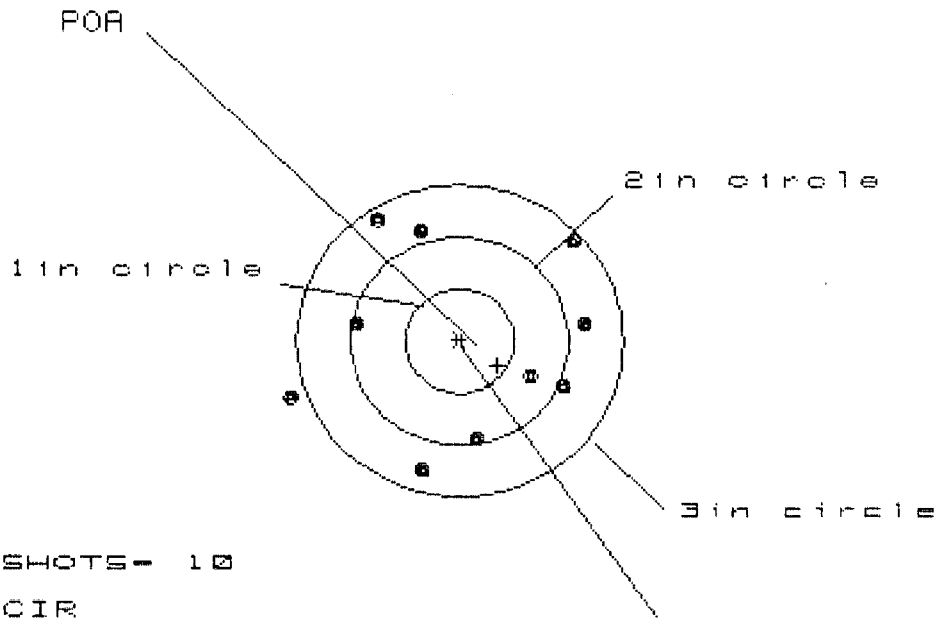



# OF SHOTS= 10
# IN CIR
1in = 0
2in = 6
3in = 10
HS= 1.483
VS= 2.336
GS= 2.427

| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 1 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | .861 | .791 | .757 |
| MINIMUM X | : | -.623 | -.674 | -.708 |
| MAXIMUM Y | : | 1.345 | 1.484 | 1.058 |
| MINIMUM Y | : | -.992 | -.852 | -.667 |
| CENTROID X | : | .073 | .143 | .177 |
| CENTROID Y | : | .454 | .314 | .129 |
| POA TO CENTROID in. | : | .459 | .345 | .219 |
| MIN RADIUS | : | .567 | .450 | .305 |
| MEAN RADIUS | : | .931 | .848 | .716 |
| MAX RADIUS | : | 1.400 | 1.509 | 1.176 |
| HORIZONTAL SPREAD | : | 1.483 | 1.465 | 1.465 |
| VERTICAL SPREAD | : | 2.336 | 2.336 | 1.725 |
| EXTREME SPREAD | : | 2.427 | 2.366 | 1.865 |
| NUMBER IN ONE INCH CIRCLE | = | | 0 | |
| NUMBER IN TWO INCH CIRCLE | = | | 6 | |
| NUMBER IN THREE INCH CIRCLE | = | | 10 | |

9 Nov 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6523472

CENTERFIRE PATTERNS # 2

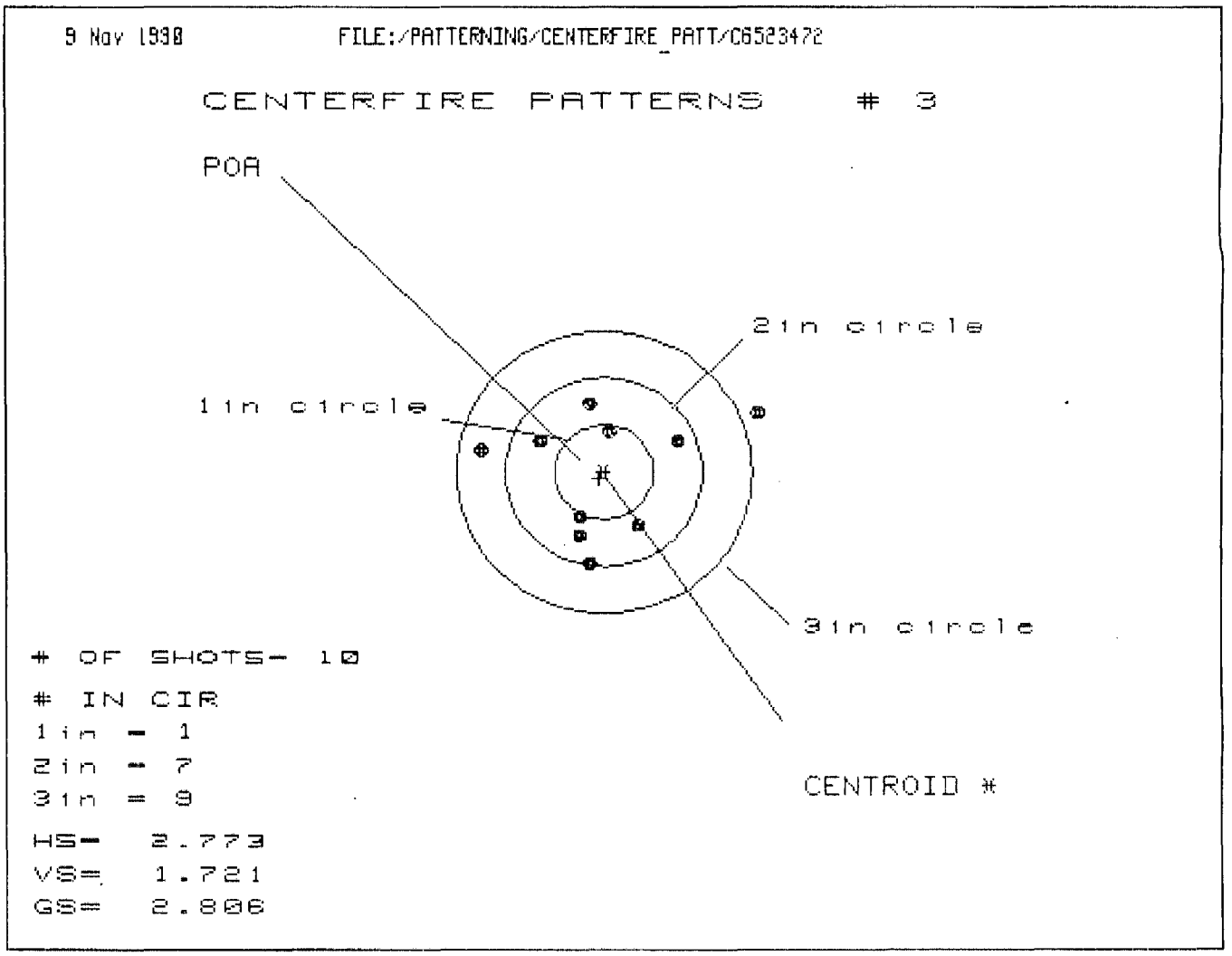



# OF SHOTS= 10

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

HS= 2.721
VS= 2.398
GS= 2.994

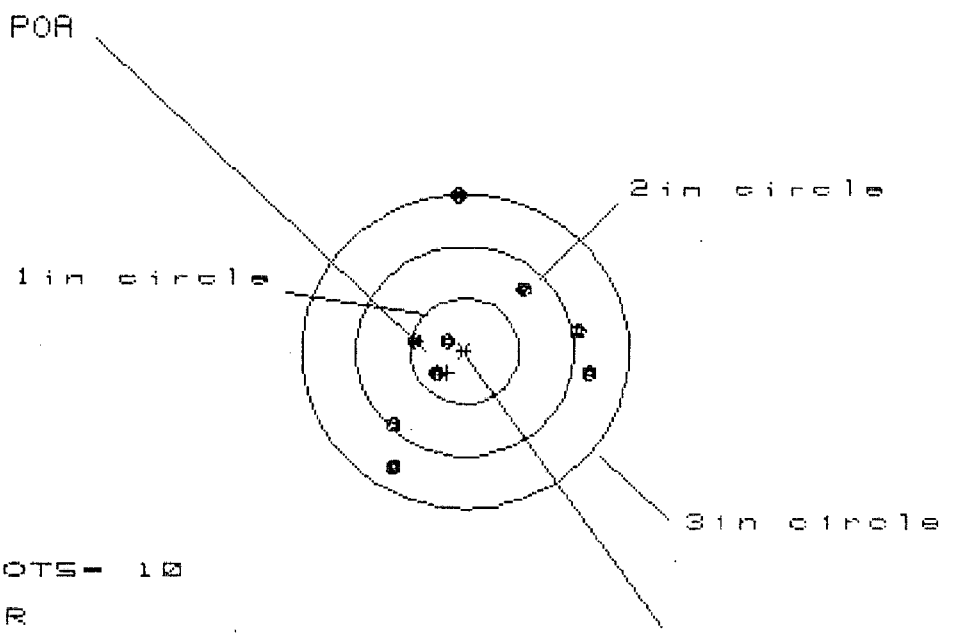
| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 2 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.143 | .967 | 1.077 |
| MINIMUM X | : | -1.578 | -1.111 | -1.001 |
| MAXIMUM Y | : | 1.169 | 1.115 | 1.226 |
| MINIMUM Y | : | -1.229 | -1.283 | -1.173 |
| CENTROID X | : | -.349 | -.173 | -.283 |
| CENTROID Y | : | .236 | .290 | .180 |
| POA TO CENTROID in. | : | .421 | .338 | .335 |
| MIN RADIUS | : | .748 | .638 | .663 |
| MEAN RADIUS | : | 1.167 | 1.091 | 1.064 |
| MAX RADIUS | : | 1.652 | 1.455 | 1.477 |
| HORIZONTAL SPREAD | : | 2.721 | 2.078 | 2.078 |
| VERTICAL SPREAD | : | 2.398 | 2.398 | 2.398 |
| EXTREME SPREAD | : | 2.994 | 2.576 | 2.435 |
| NUMBER IN ONE INCH CIRCLE | = | | 0 | |
| NUMBER IN TWO INCH CIRCLE | = | | 3 | |
| NUMBER IN THREE INCH CIRCLE | = | | 9 | |




| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 3 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.560 | .952 | .822 |
| MINIMUM X | : | -1.213 | -1.039 | -.614 |
| MAXIMUM Y | : | .720 | .790 | .824 |
| MINIMUM Y | : | -1.001 | -.931 | -.897 |
| CENTROID X | : | .049 | -.125 | .005 |
| CENTROID Y | : | .070 | -.000 | -.034 |
| POA TO CENTROID in. | : | .085 | .125 | .034 |
| MIN RADIUS | : | .471 | .398 | .402 |
| MEAN RADIUS | : | .857 | .745 | .696 |
| MAX RADIUS | : | 1.683 | 1.074 | .942 |
| HORIZONTAL SPREAD | : | 2.773 | 1.991 | 1.436 |
| VERTICAL SPREAD | : | 1.721 | 1.721 | 1.721 |
| EXTREME SPREAD | : | 2.806 | 1.997 | 1.722 |
| NUMBER IN ONE INCH CIRCLE | = | | 1 | |
| NUMBER IN TWO INCH CIRCLE | = | | 7 | |
| NUMBER IN THREE INCH CIRCLE | = | | 9 | |

9 Nov 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6523472

CENTERFIRE PATTERNS # 4




# OF SHOTS= 10

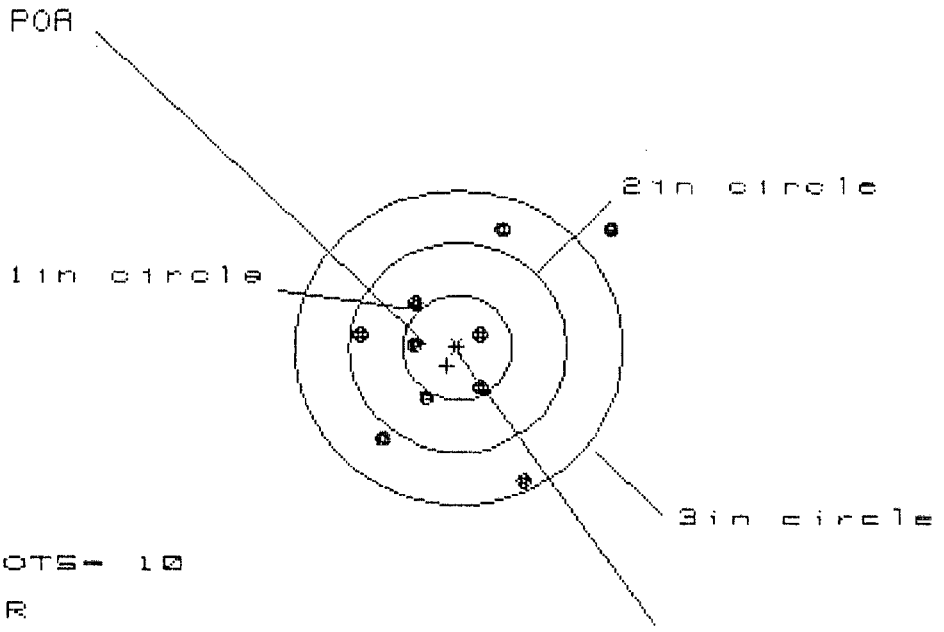
# IN CIR
1in = 4
2in = 6
3in = 9

HS= 1.786
VS= 2.640
GS= 2.705

| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 4 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.095 | 1.084 | .996 |
| MINIMUM X | : | -.691 | -.702 | -.767 |
| MAXIMUM Y | : | 1.507 | .751 | .631 |
| MINIMUM Y | : | -1.133 | -.966 | -.611 |
| CENTROID X | : | .161 | .172 | .260 |
| CENTROID Y | : | .204 | .037 | .157 |
| POA TO CENTROID in. | : | .260 | .176 | .304 |
| MIN RADIUS | : | .195 | .295 | .304 |
| MEAN RADIUS | : | .807 | .723 | .674 |
| MAX RADIUS | : | 1.510 | 1.194 | 1.006 |
| HORIZONTAL SPREAD | : | 1.786 | 1.786 | 1.763 |
| VERTICAL SPREAD | : | 2.640 | 1.717 | 1.242 |
| EXTREME SPREAD | : | 2.705 | 2.174 | 1.903 |
| NUMBER IN ONE INCH CIRCLE | = | | 4 | |
| NUMBER IN TWO INCH CIRCLE | = | | 6 | |
| NUMBER IN THREE INCH CIRCLE | = | | 9 | |

9 Nov 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6523472

CENTERFIRE PATTERNS # 5




# OF SHOTS= 10

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

HS= 2.218
VS= 2.456
GS= 2.886

| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 5 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.361 | .731 | .604 |
| MINIMUM X | : | -.857 | -.706 | -.615 |
| MAXIMUM Y | : | 1.168 | 1.297 | 1.152 |
| MINIMUM Y | : | -1.288 | -1.159 | -.845 |
| CENTROID X | : | .096 | -.055 | -.146 |
| CENTROID Y | : | .170 | .041 | .186 |
| POA TO CENTROID in. | : | .195 | .069 | .237 |
| MIN RADIUS | : | .209 | .286 | .150 |
| MEAN RADIUS | : | .858 | .726 | .628 |
| MAX RADIUS | : | 1.787 | 1.395 | 1.301 |
| HORIZONTAL SPREAD | : | 2.218 | 1.437 | 1.219 |
| VERTICAL SPREAD | : | 2.456 | 2.456 | 1.997 |
| EXTREME SPREAD | : | 2.886 | 2.466 | 2.277 |
| NUMBER IN ONE INCH CIRCLE | = | | 3 | |
| NUMBER IN TWO INCH CIRCLE | = | | 6 | |
| NUMBER IN THREE INCH CIRCLE | = | | 9 | |