C6611460

MODEL 700™ M24

Model 5A5™

Action

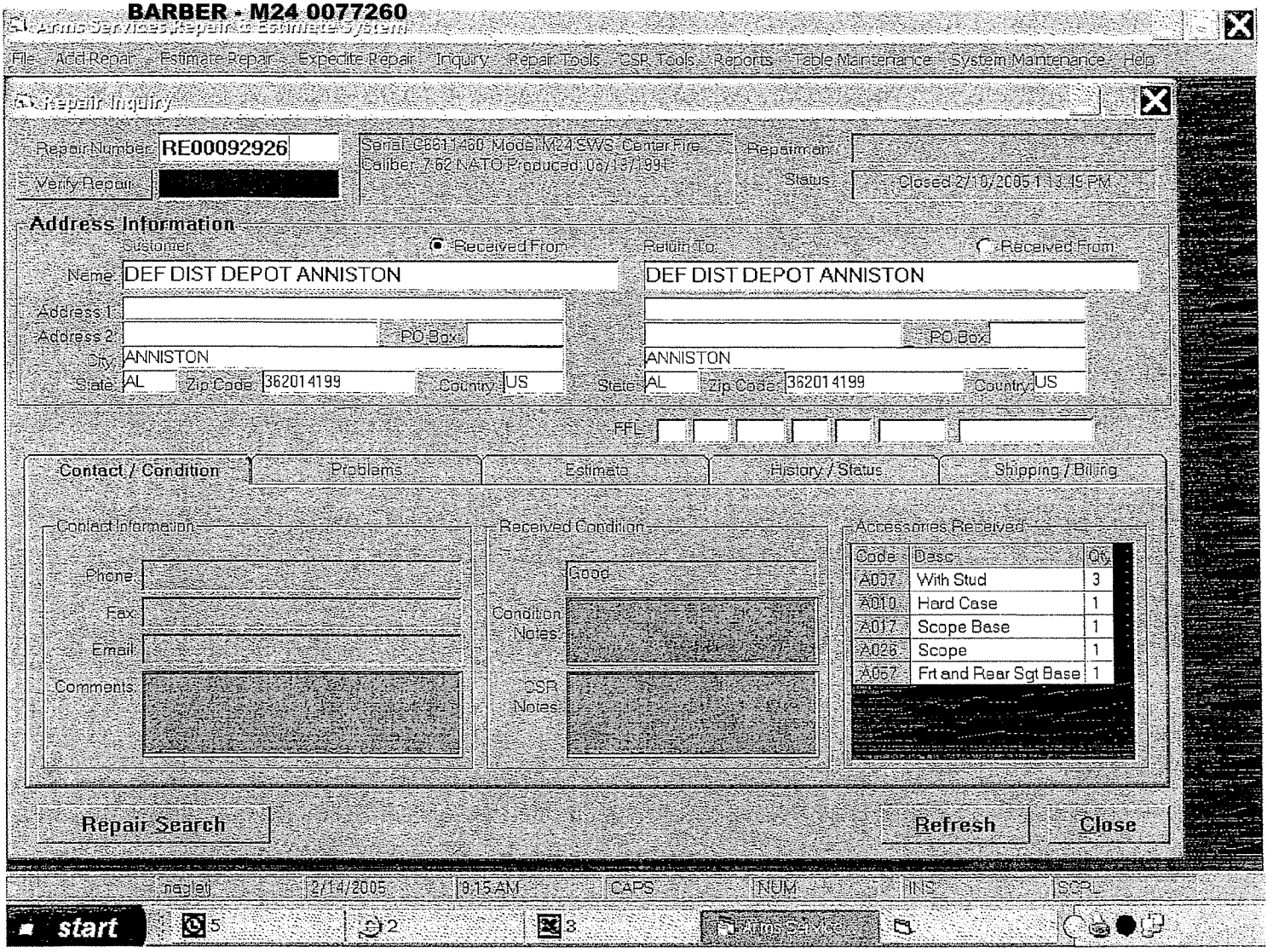
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington


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: RE00092926
Verify Repair
Serial: C6611460 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 08/13/1991
Repairman:
Status: Closed 2/10/2005 1:13:19 PM
Address Information
Customer
Received From
Name: DEF DIST DEPOT ANNISTON
Address 1:
Address 2:
PO Box:
City: ANNISTON
State: AL Zip Code: 362014199 Country: US
Return To
Received From
DEF DIST DEPOT ANNISTON
PO Box:
ANNISTON
State: AL Zip Code: 362014199 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
A010 Hard Case 1
A017 Scope Base 1
A026 Scope 1
A057 Frt and Rear Sgt Base 1
Repair Search
Refresh
Close
nagleli 2/14/2005 9:15 AM CAPS NUM INS SCRL
start


Serial Number:
C6611460
Model: M24 SWS
RE00092926

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611460.__0
FILE DATE AND TIME: 06/13/2005 06:43

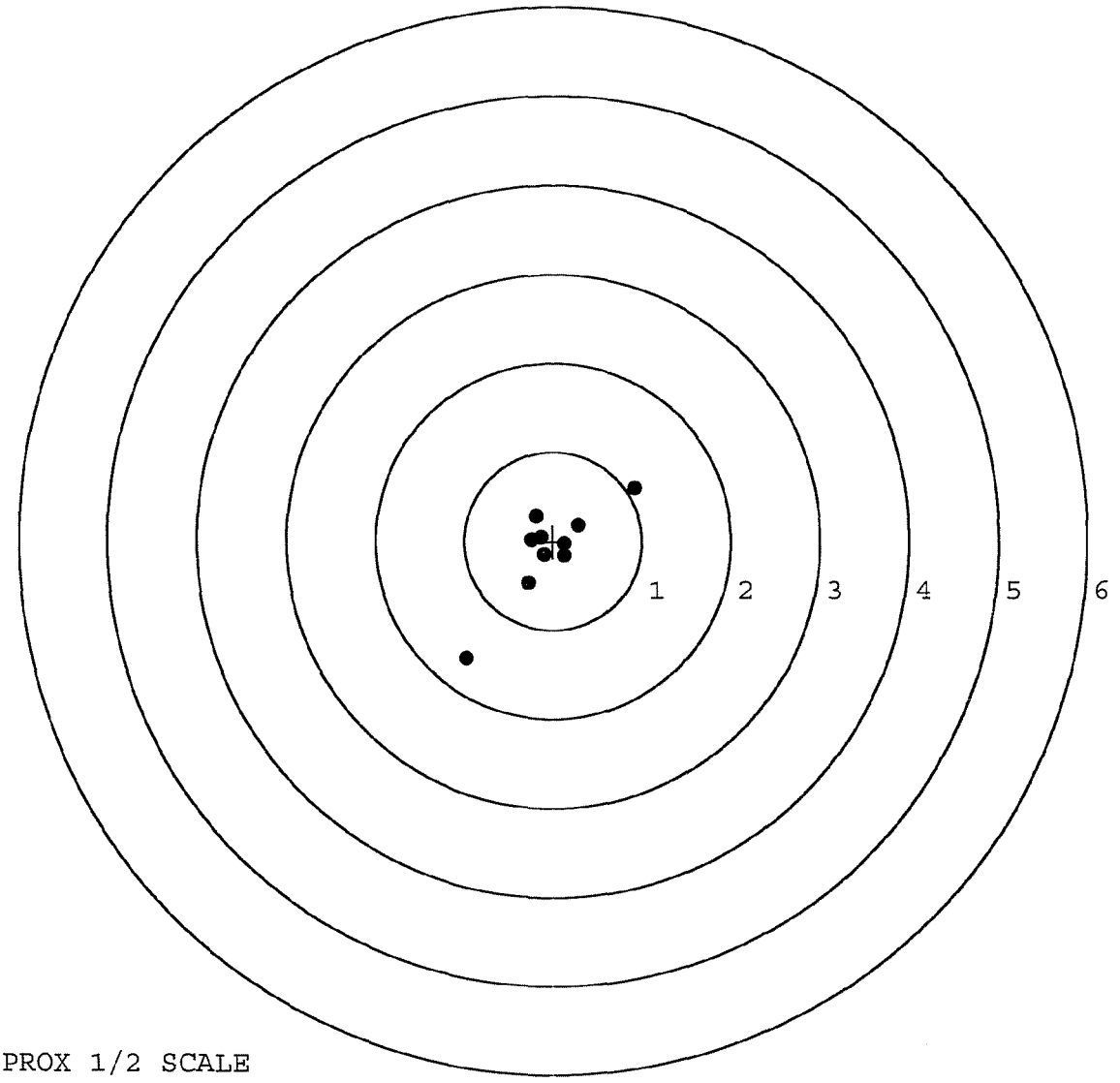
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

| | |
|---|---|
| The Average X Centroid of the Five Target Set: | -0.061 |
| The Average Y Centroid of the Five Target Set: | -0.165 |
| The Average Point of Impact of the Five Target Set: | 0.176 |
| The Average Mean Radius of the Five Target Set: | 0.663 |
| The Distance from POA to Centroid Target #1: | 0.109 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.137 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.195 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.268 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.172 |

SERIAL NUMBER: C6611460.__0
TARGET NUMBER: 1
FILE DATE: 06/13/2005
FILE TIME: 06:43

| | |
|---|---|
| X CENTROID: | -0.045 |
| Y CENTROID: | -0.099 |
| POA TO CENTROID: | 0.109 |
| HORZ SPREAD: | 1.896 |
| VERT SPREAD: | 1.920 |
| GROUP SPREAD: | 2.698 |
| MIN RADIUS: | 0.078 |
| MAX RADIUS: | 1.540 |
| MEAN RADIUS: | 0.488 |
| # IN 1 IN DIAMETER: | 8 |
| # IN 2 IN DIAMETER: | 8 |
| # in 3 IN DIAMETER: | 9 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.920 | 0.594 |
| 2: | -0.280 | -0.469 |
| 3: | -0.976 | -1.326 |
| 4: | 0.290 | 0.185 |
| 5: | -0.187 | 0.286 |
| 6: | -0.241 | 0.025 |
| 7: | 0.132 | -0.162 |
| 8: | -0.106 | -0.147 |
| 9: | 0.133 | -0.027 |
| 10: | -0.135 | 0.053 |

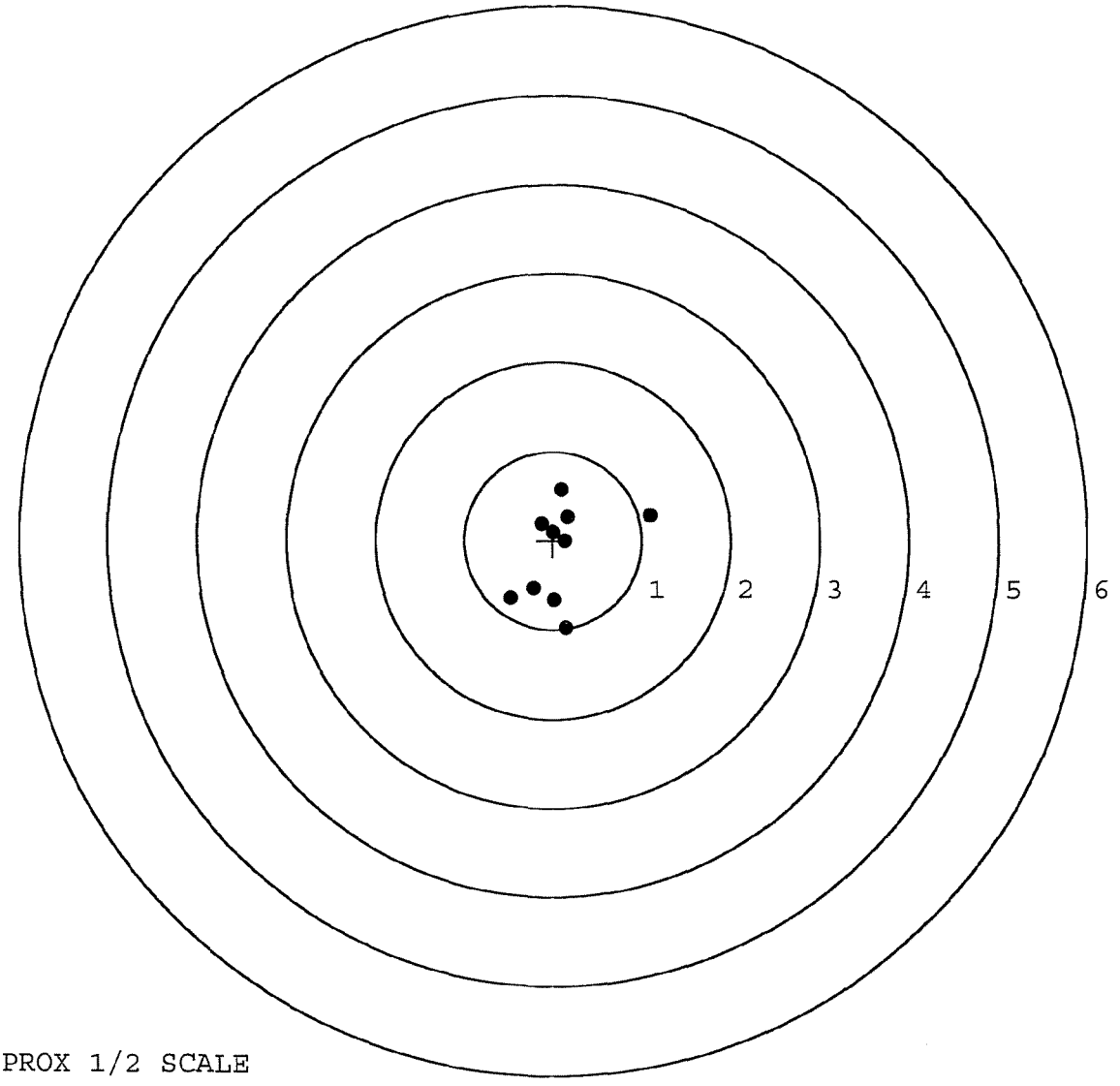



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611460.__0
TARGET NUMBER: 2
FILE DATE: 06/13/2005
FILE TIME: 06:43

| | |
|---|---|
| X CENTROID: | 0.083 |
| Y CENTROID: | -0.148 |
| POA TO CENTROID: | 0.170 |
| HORZ SPREAD: | 1.568 |
| VERT SPREAD: | 1.565 |
| GROUP SPREAD: | 1.828 |
| MIN RADIUS: | 0.151 |
| MAX RADIUS: | 1.095 |
| MEAN RADIUS: | 0.567 |
| # IN 1 IN DIAMETER: | 5 |
| # IN 2 IN DIAMETER: | 9 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 1.089 | 0.285 |
| 2: | 0.095 | 0.572 |
| 3: | 0.147 | -0.993 |
| 4: | 0.018 | -0.677 |
| 5: | -0.222 | -0.542 |
| 6: | -0.479 | -0.654 |
| 7: | -0.130 | 0.189 |
| 8: | 0.138 | -0.007 |
| 9: | 0.170 | 0.261 |
| 10: | 0.006 | 0.087 |

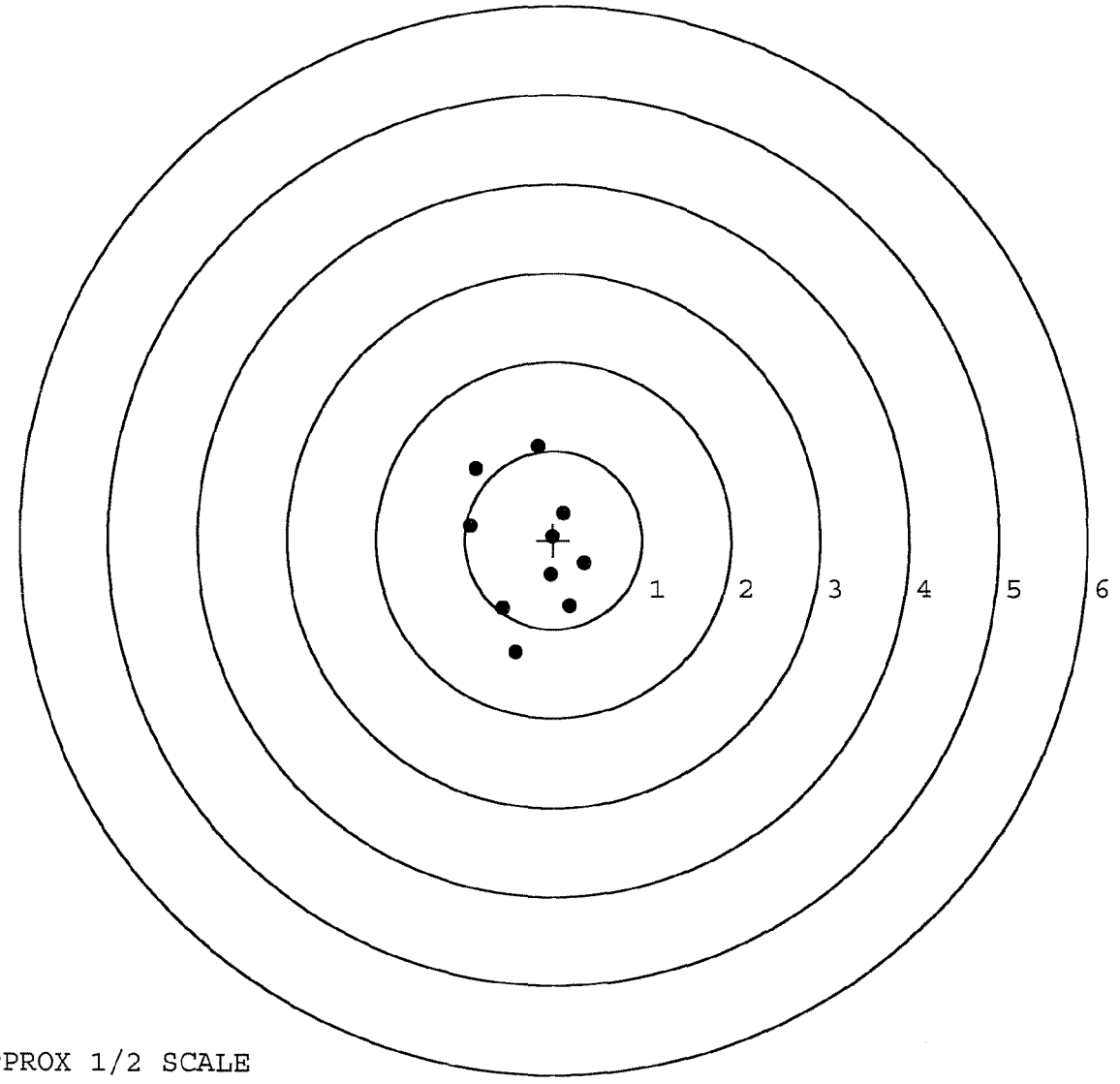



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611460.__0
TARGET NUMBER: 3
FILE DATE: 06/13/2005
FILE TIME: 06:43

| | |
|---|---|
| X CENTROID: | -0.240 |
| Y CENTROID: | -0.108 |
| POA TO CENTROID: | 0.263 |
| HORZ SPREAD: | 1.292 |
| VERT SPREAD: | 2.320 |
| GROUP SPREAD: | 2.334 |
| MIN RADIUS: | 0.268 |
| MAX RADIUS: | 1.177 |
| MEAN RADIUS: | 0.748 |
| # IN 1 IN DIAMETER: | 2 |
| # IN 2 IN DIAMETER: | 7 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.190 | -0.746 |
| 2: | -0.567 | -0.773 |
| 3: | -0.432 | -1.269 |
| 4: | -0.940 | 0.164 |
| 5: | -0.876 | 0.802 |
| 6: | -0.178 | 1.051 |
| 7: | 0.108 | 0.305 |
| 8: | -0.017 | 0.041 |
| 9: | 0.352 | -0.262 |
| 10: | -0.036 | -0.393 |

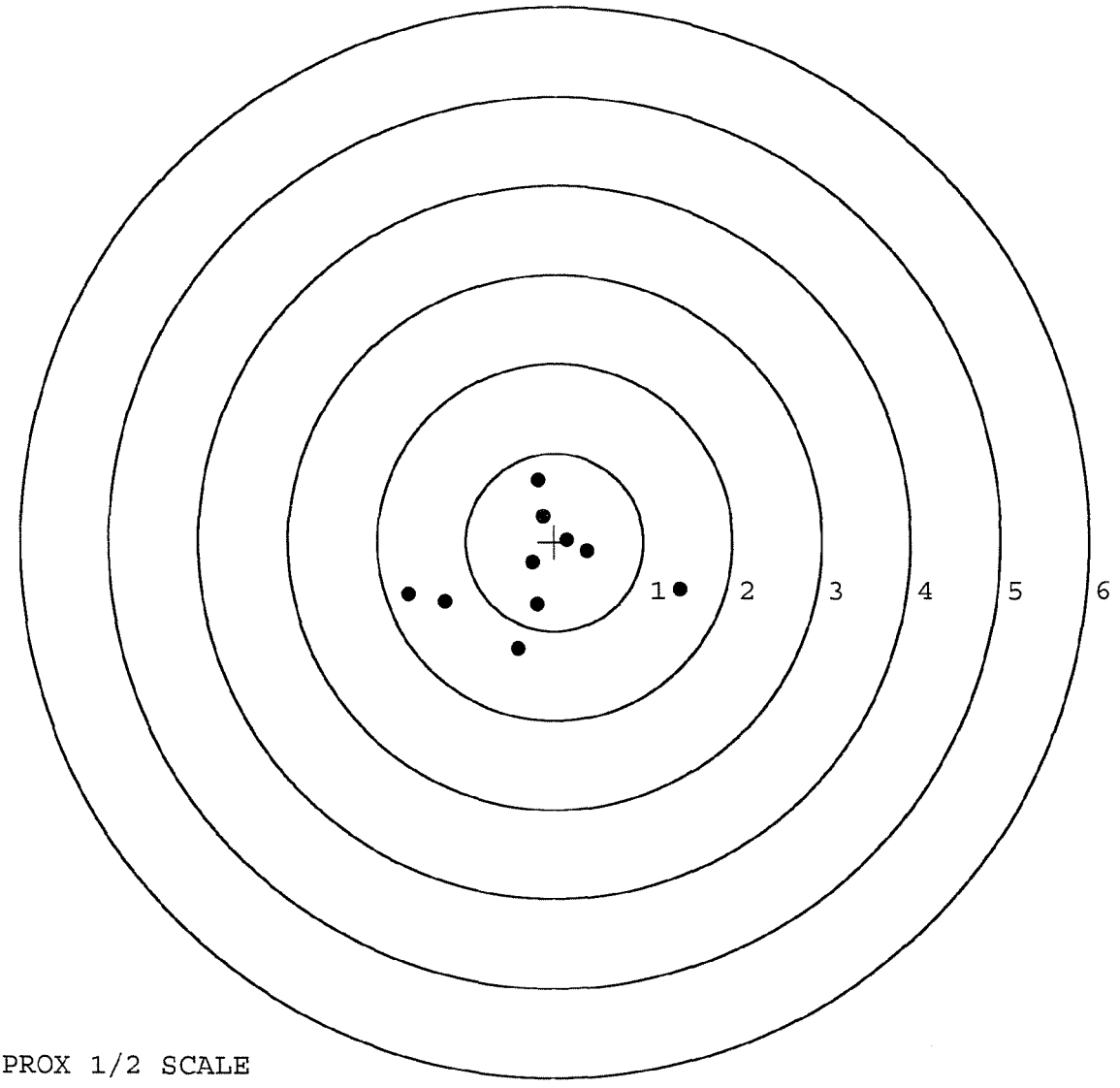



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611460.__0
TARGET NUMBER: 4
FILE DATE: 06/13/2005
FILE TIME: 06:43

| | |
|---|---|
| X CENTROID: | -0.215 |
| Y CENTROID: | -0.306 |
| POA TO CENTROID: | 0.374 |
| HORZ SPREAD: | 3.057 |
| VERT SPREAD: | 1.901 |
| GROUP SPREAD: | 3.057 |
| MIN RADIUS: | 0.079 |
| MAX RADIUS: | 1.641 |
| MEAN RADIUS: | 0.831 |
| # IN 1 IN DIAMETER: | 3 |
| # IN 2 IN DIAMETER: | 6 |
| # in 3 IN DIAMETER: | 9 |

| POINT# | X | Y |
|---|---|---|
| 1: | 1.408 | -0.543 |
| 2: | -0.196 | -0.712 |
| 3: | -0.413 | -1.204 |
| 4: | -1.238 | -0.681 |
| 5: | -1.649 | -0.598 |
| 6: | -0.253 | -0.236 |
| 7: | 0.368 | -0.102 |
| 8: | 0.145 | 0.026 |
| 9: | -0.137 | 0.293 |
| 10: | -0.189 | 0.697 |

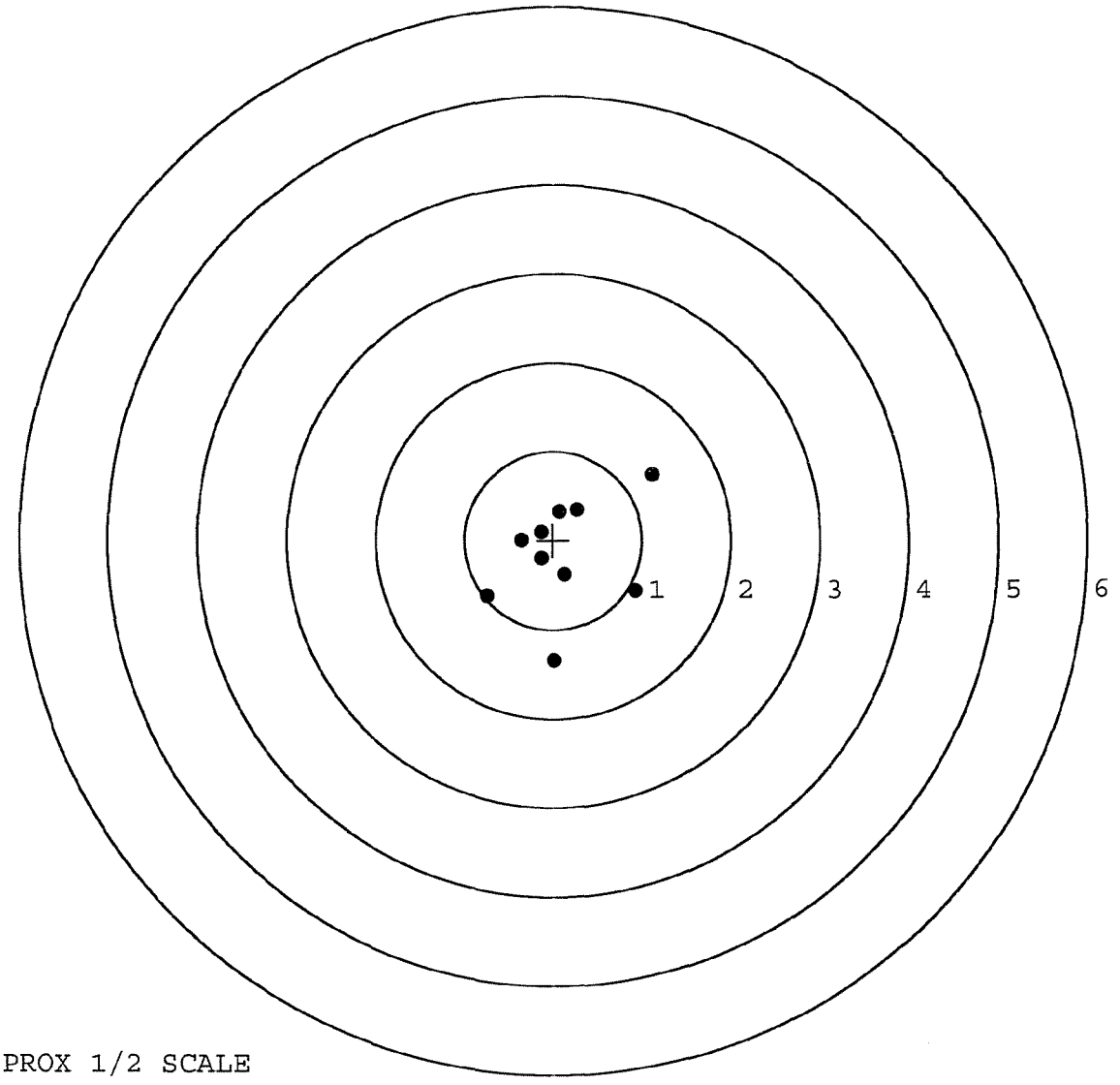



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611460.__0
TARGET NUMBER: 5
FILE DATE: 06/13/2005
FILE TIME: 06:43

| | |
|---|---|
| X CENTROID: | 0.114 |
| Y CENTROID: | -0.165 |
| POA TO CENTROID: | 0.201 |
| HORZ SPREAD: | 1.870 |
| VERT SPREAD: | 2.093 |
| GROUP SPREAD: | 2.367 |
| MIN RADIUS: | 0.227 |
| MAX RADIUS: | 1.351 |
| MEAN RADIUS: | 0.679 |
| # IN 1 IN DIAMETER: | 5 |
| # IN 2 IN DIAMETER: | 8 |
| # in 3 IN DIAMETER: | 10 |

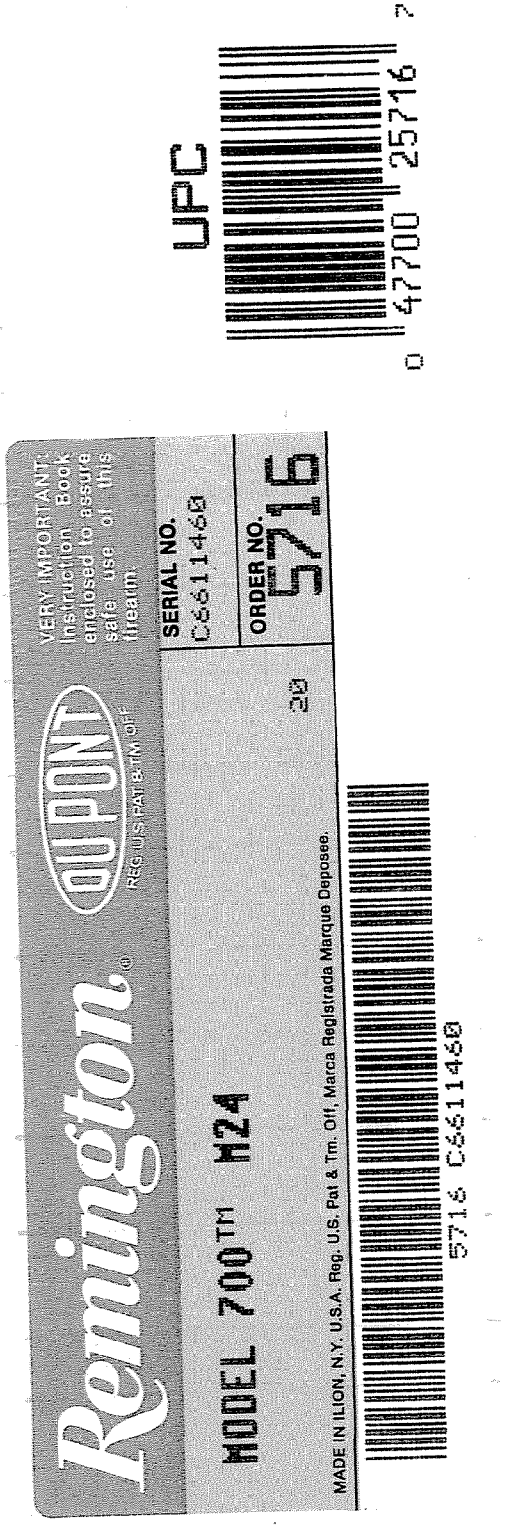
| POINT# | X | Y |
|---|---|---|
| 1: | 0.923 | -0.567 |
| 2: | 1.117 | 0.740 |
| 3: | 0.012 | -1.353 |
| 4: | -0.753 | -0.621 |
| 5: | 0.128 | -0.392 |
| 6: | 0.269 | 0.342 |
| 7: | 0.072 | 0.325 |
| 8: | -0.139 | 0.091 |
| 9: | -0.355 | -0.005 |
| 10: | -0.136 | -0.211 |




TARGET APPROX 1/2 SCALE

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

| | | | |
|---|---|---|---|
| R & E NUMBER | 92926 | | |
| SERIAL NUMBER | C6611460 | | |
| LOG-IN DATE | 2-10-05 | | |
| INSPECT AND VERIFY: | | | |
| OPERATION # | OPERATION NAME | DATE | INITIAL |
| 550 | DIS-ASSEMBLE GUN | 4-25-05 | RTL |
| 560 A | RE-BARREL | 5-3-05 | RTL |
| B | DRILL AND TAP | 5-5-05 | TRW |
| 575 | ASSEMBLE | 5-3-05 | RTL |
| 600 | PROOF | 5-4-05 | AC |
| 605 | CHECK HEADSPACE | 5-4-05 | AC |
| 610 | DIS-ASSEMBLE GUN | 5-6-05 | RTL |
| 612 | MAGNAFLUX OPERATOR | | |
| 615 | ROLLMARK CALIBER | 5-9-05 | CW |
| 618 | ROTO-BLAST | 5-9-05 | LB |
| 620 | APPLY COATINGS | 5-16-05 | CJ |
| 625 A | FINAL ASSEMBLY | 5-19-05 | RR |
| B | TRIGGER PULL TEST | | |
| C | SAFETY "ON" FORCE | 6-13-05 | AC |
| D | SAFETY "OFF" FORCE | 6-13-05 | AC |
| E | FIRING PIN INDENT | 6-13-05 | AC |
| 640 | TARGET | 6-13-05 | AC |
| 655 | FINAL INSPECT | 6-13-05 | AC |
| 660 | PACK | 7-6-05 | DH |
| | | SHIP DATE | |
| | QAR INSPECTION DATE | | |


UPC
0 47700 25716 7
Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.
MODEL 700™ H24
SERIAL NO.
C6611460
ORDER NO.
516
20
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
5716 C6611460

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611460

| OP. # | OP. NAME | READINGS | DATE | INIT |
|---|---|---|---|---|
| 575 & 580 | Assemble Action and Stock | | 3/13/91 | K.S. |
| 600 | Proof | | 3/13/91 | K.S. |
| 607 | Check Headspace | | 3/13/91 | K.S. |
| 610 | Dis-assemble Gun | | 3/13/91 | K.S. |
| 612 | Magnaflux Barrel Action | | 3/27/91 | KR |
| | Magnaflux Bolt | | 4/ | K.R |
| 615 | Rollmark Caliber | | 3/27/91 | GL. |
| 617 | Drill and Tap Sight Holes | APR | 3 1991 | FB |
| 618 | Polish Barrel | APR | 3 1991 | WB |
| 620 | Apply Coatings (Barrel Action) | | 4-3-91 | |
| | Apply Coating (Bolt) | | | |
| 625 | Final Assembly A) Clean inside of Bolt Assembly | | 5/2/91 | KS |
| | B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head | | 5/2/91 | KS |
| | C) Inspect Ejector Hole for Chamfer | | 5/2/91 | KS |
| | D) Oil Firing Pin Ass'y | | 5/2/91 | KS |
| | E) Adjust Trigger Pull to Min Setting and Stake | | 5/8/91 | |

| op. # | OPERATION NAME | READINGS | | | | | DATE | INIT |
|---|---|---|---|---|---|---|---|---|
| 625 cont. | F) Safety On Force | 5 | 5 | 5 | | | 5/8/91 | |
| | G) Safety Off Force | 4 | 4 | 4 | | | 5/8/91 | |
| | H) Trigger Pull Test & Retainability | | | | | | 5/8/91 | |
| | I) Firing Pin Indent | .022 | .022 | .022 | | | 5/8/91 | |
| | J) Assemble Stock | | | | | | 5/8/91 | |
| | K) Assemble Swivel Studs | | | | | | 5-17-91 | |
| | L) Attach Front and Rear Sight Assemblies | | | | | | 5/8/91 | |
| | M) Iron Sight Alignment | | | | | | 5/8/91 | |
| | N) Detach Front & Rear Sights & place in numbered container | | | | | | 5/8/91 | |
| | O) Attach Scope to Rifle | | | | | | 5/8/91 | |
| | P) Detach & Attach Scope 20 Times | | | | | | 5/8/91 | |
| 640 | Gallery Target & Test | | | | | | 5-10-91 | |
| | A) Time | | | | | | " | |
| | B) Malfunctions | | | | | | " | |
| | C) Pierced Primers | | | | | | " | |
| | D) Optical Clearity of Scope | | | | | | " | |
| 645 | Inspect for Live Ammo | | | | | | 5-10-91 | |
| 655 | Final Inspection A) Headspace | | | | | | 5-17-91 | |
| | B) Trigger Pull | 2.65 | 2.69 | 2.70 | 2.62 | 2.68 | 5/13/91 | |
| | C) Function | | | | | | 5-17-91 | |
| 660 | Pack | | | | | | 6-18-91 | |

# SWS TRIGGER PULL TEST

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

SERIAL NO. C-66P1460

DATE 5/8/91

TESTER

| | 2.50# INITIAL | 2.50# AFTER 50 CYCLES | FINAL TEST & TO RESET 2.50# | | COMMENTS |
|---|---|---|---|---|---|
| PULL #1 | 2.25 | 2.23 | 2.42 | 2.65 | MIN. SETTING, |
| PULL #2 | 2.25 | 2.44 | 2.40 | 2.69 | NO AVG OF 5 |
| PULL #3 | 2.53 | 2.38 | 2.33 | 2.70 | READINGS ACCEPT- |
| PULL #4 | 2.49 | 2.30 | 2.30 | 2.72 | ABLE LESS THAN 2# |
| PULL #5 | 2.44 | 2.39 | 2.35 | 2.68 | |
| TOTAL | | | | | |
| AVG. | | | | | |

| | 3.00# INITIAL | 3.00# AFTER 20 CYCLES | COMMENTS |
|---|---|---|---|
| PULL #1 | 3.56 | 3.20 | |
| PULL #2 | 3.21 | 3.32 | |
| PULL #3 | 3.19 | 3.30 | |
| PULL #4 | 3.26 | 3.34 | |
| PULL #5 | 3.31 | 3.24 | |
| TOTAL | | | |
| AVG. | | | |

| | 4.00# INITIAL | 4.00# AFTER 20 CYCLES | MAX SETTING GREATER THAN 4# | RESET TO 4# FOR TARGET & ACCURACY |
|---|---|---|---|---|
| PULL #1 | 4.24 | 4.27 | | 4.31 |
| PULL #2 | 4.24 | 4.25 | | 4.32 |
| PULL #3 | 4.58 | 4.28 | | 4.23 |
| PULL #4 | 4.56 | 4.30 | | 4.26 |
| PULL #5 | 4.32 | 4.37 | | 4.22 |
| TOTAL | | | | |
| AVG. | | | | |

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611460
10 May 1991

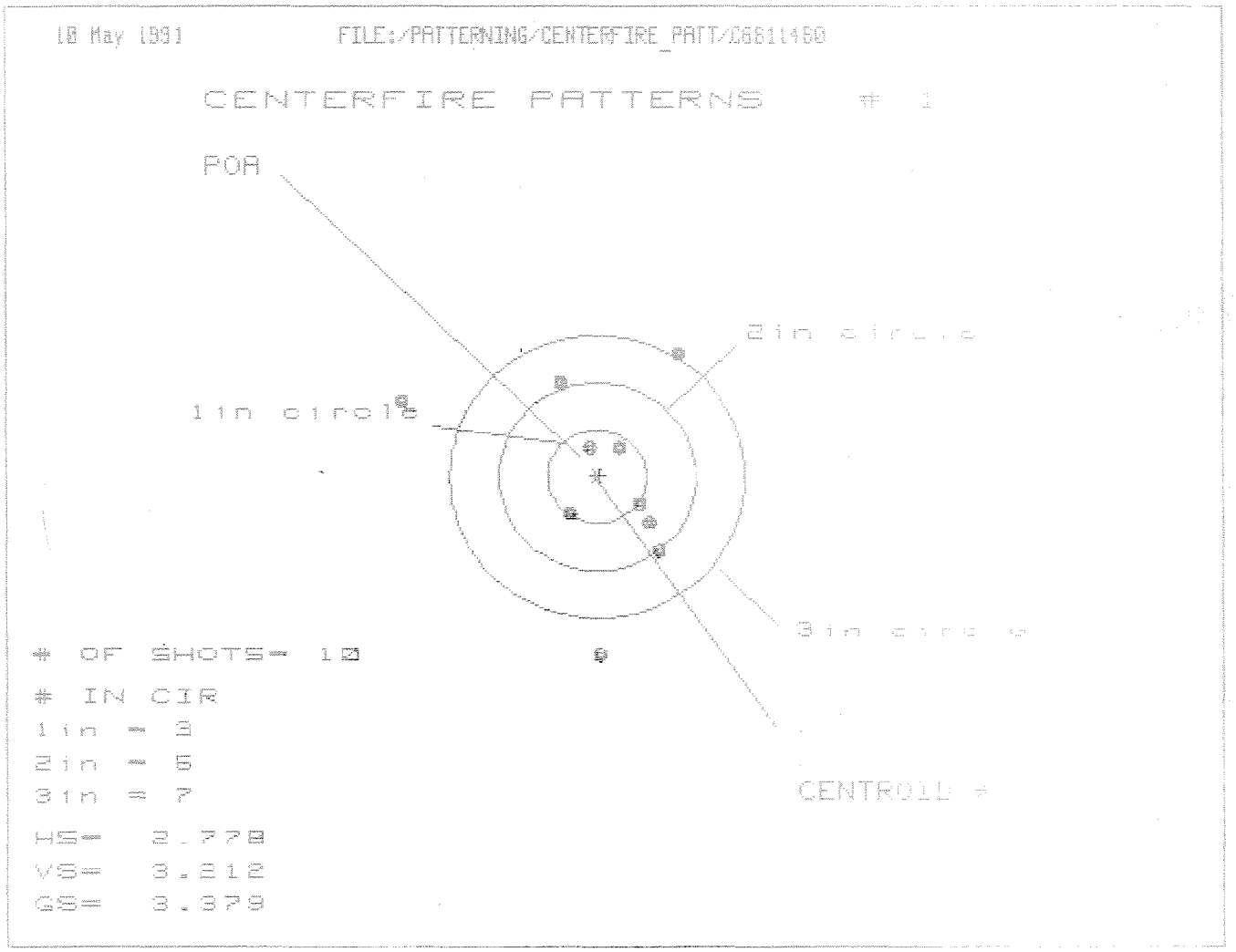
CENTROIDAL DISTANCES

| | | | |
|---|---|---|---|
| 0 | TO | 1 | .0245967 |
| 1 | TO | 2 | .0630317 |
| 1 | TO | 3 | .214672 |
| 1 | TO | 4 | .183883 |
| 1 | TO | 5 | .172679 |

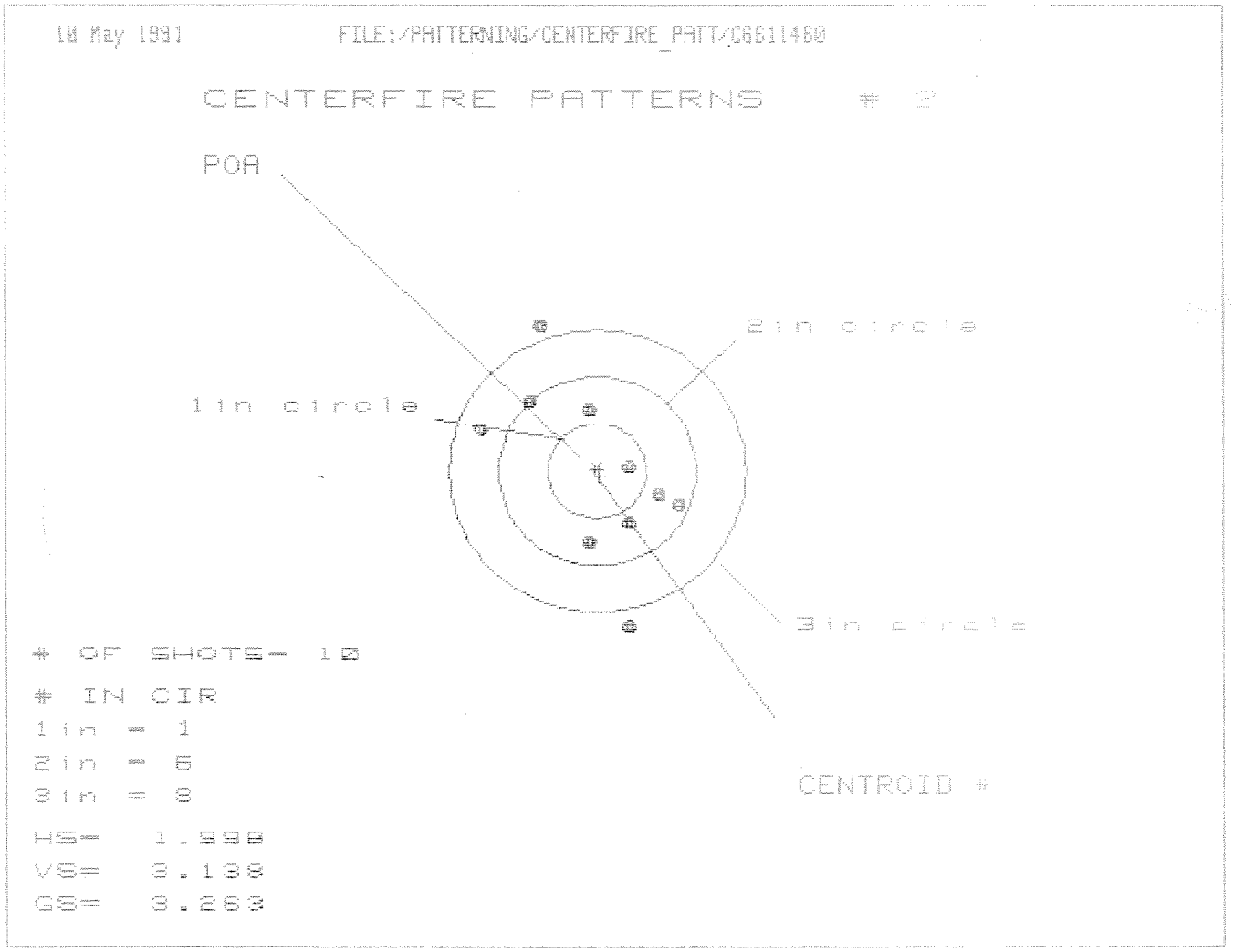
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0346
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0792
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0864

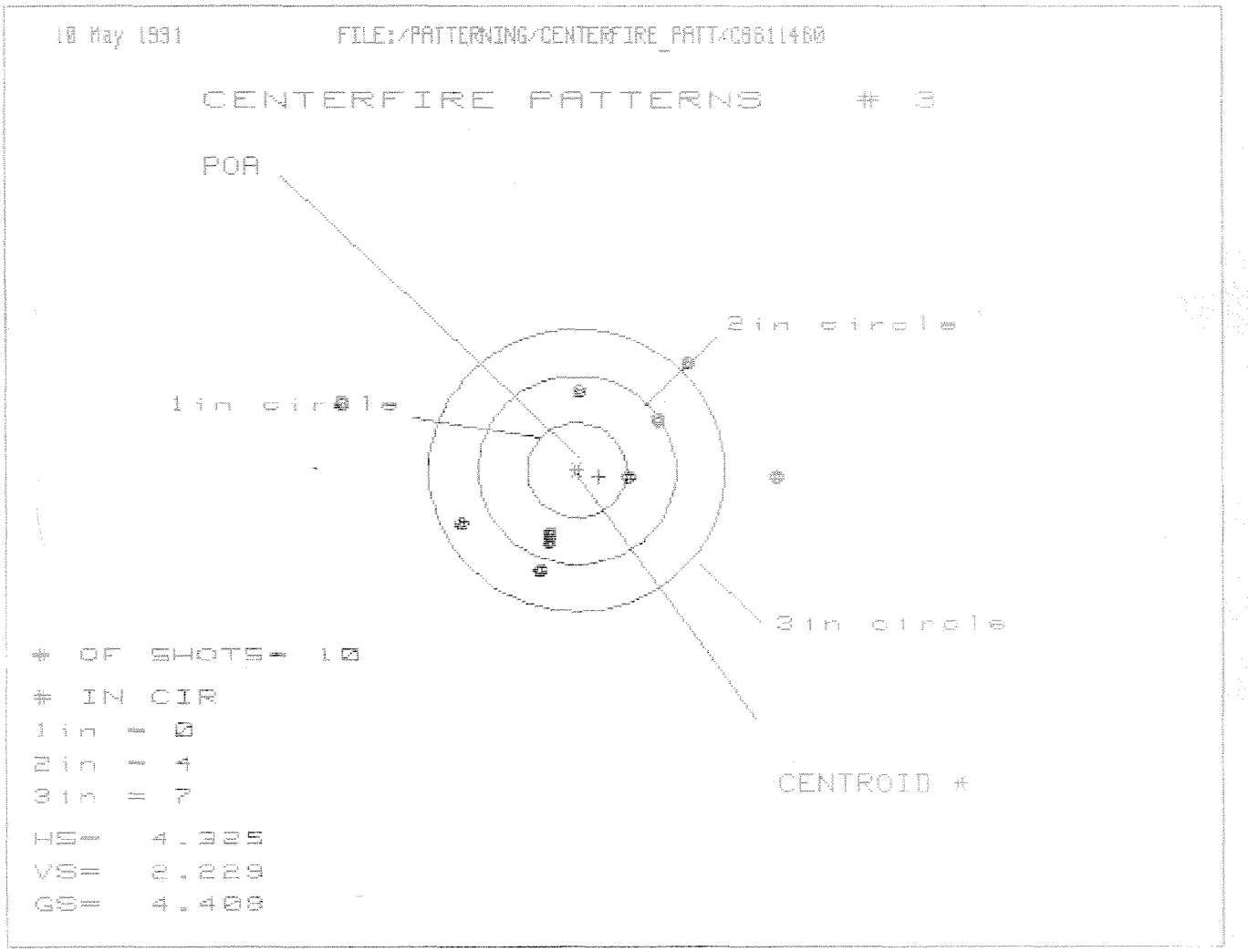
THE AMR FOR THIS RIFLE IS: 1.054



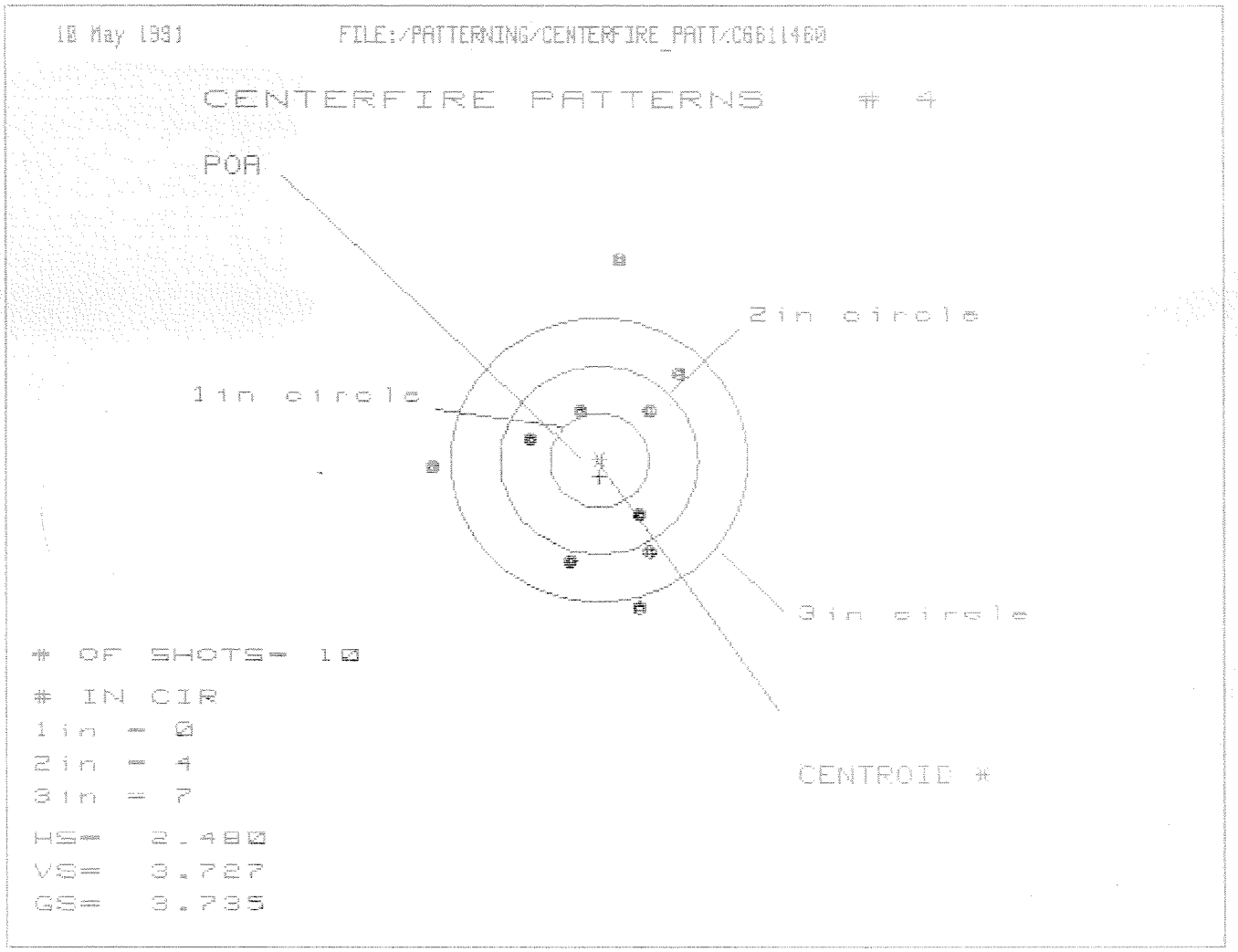

| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 1 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | .797 | .577 | .556 |
| MINIMUM X | : | -1.981 | -.644 | -.665 |
| MAXIMUM Y | : | 1.303 | 1.391 | 1.164 |
| MINIMUM Y | : | -1.909 | -1.821 | -.895 |
| CENTROID X | : | -.022 | .198 | .219 |
| CENTROID Y | : | -.011 | -.099 | .128 |
| POA TO CENTROID in. | : | .025 | .221 | .254 |
| MIN RADIUS | : | .346 | .294 | .213 |
| MEAN RADIUS | : | 1.018 | .863 | .732 |
| MAX RADIUS | : | 2.133 | 1.829 | 1.290 |
| HORIZONTAL SPREAD | : | 2.778 | 1.221 | 1.221 |
| VERTICAL SPREAD | : | 3.212 | 3.212 | 2.059 |
| EXTREME SPREAD | : | 3.379 | 3.297 | 2.066 |
| NUMBER IN ONE INCH CIRCLE | = | | 3 | |
| NUMBER IN TWO INCH CIRCLE | = | | 6 | |
| NUMBER IN THREE INCH CIRCLE | = | | 7 | |



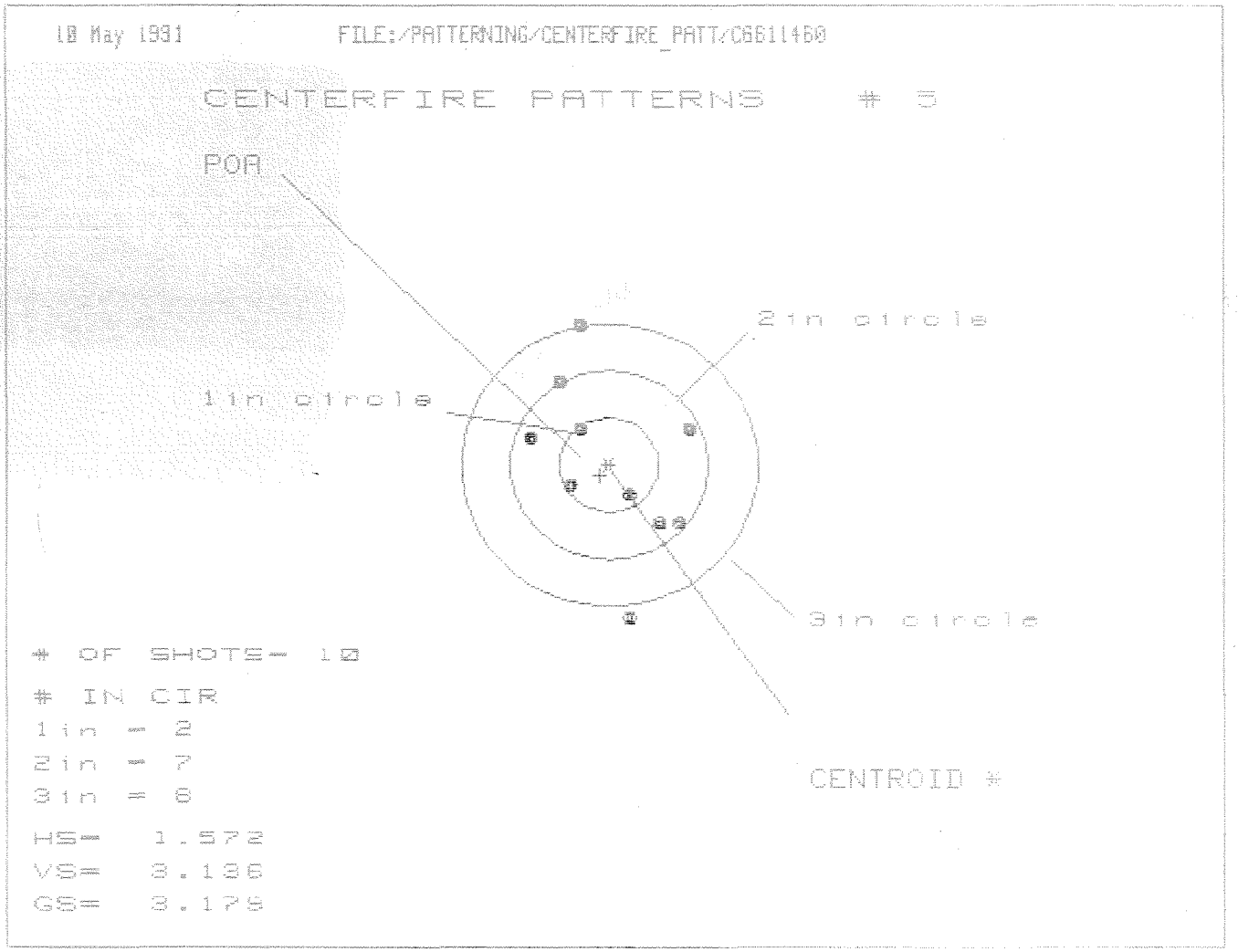

| PATTERN # | : | 2 | | |
|---|---|---|---|---|
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | .856 | .896 | .834 |
| MINIMUM X | : | -1.142 | -1.102 | -1.163 |
| MAXIMUM Y | : | 1.508 | 1.327 | .740 |
| MINIMUM Y | : | -1.630 | -.899 | -.733 |
| CENTROID X | : | -.020 | -.060 | .002 |
| CENTROID Y | : | .052 | .233 | .057 |
| POA TO CENTROID in. | : | .056 | .241 | .057 |
| MIN RADIUS | : | .345 | .403 | .322 |
| MEAN RADIUS | : | .946 | .868 | .770 |
| MAX RADIUS | : | 1.669 | 1.417 | 1.240 |
| HORIZONTAL SPREAD | : | 1.998 | 1.998 | 1.998 |
| VERTICAL SPREAD | : | 3.138 | 2.226 | 1.473 |
| EXTREME SPREAD | : | 3.263 | 2.317 | 2.148 |
| NUMBER IN ONE INCH CIRCLE | = | | 1 | |
| NUMBER IN TWO INCH CIRCLE | = | | 6 | |
| NUMBER IN THREE INCH CIRCLE | = | | 8 | |




| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 3 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.986 | 1.726 | 1.122 |
| MINIMUM X | : | -2.339 | -1.474 | -1.258 |
| MAXIMUM Y | : | 1.162 | 1.248 | 1.249 |
| MINIMUM Y | : | -1.067 | -.981 | -.980 |
| CENTROID X | : | -.222 | .038 | -.178 |
| CENTROID Y | : | .067 | -.019 | -.020 |
| POA TO CENTROID in. | : | .232 | .042 | .179 |
| MIN RADIUS | : | .572 | .304 | .520 |
| MEAN RADIUS | : | 1.252 | 1.087 | .997 |
| MAX RADIUS | : | 2.463 | 1.726 | 1.678 |
| HORIZONTAL SPREAD | : | 4.325 | 3.200 | 2.380 |
| VERTICAL SPREAD | : | 2.229 | 2.229 | 2.229 |
| EXTREME SPREAD | : | 4.408 | 3.237 | 2.942 |
| NUMBER IN ONE INCH CIRCLE | = | | 0 | |
| NUMBER IN TWO INCH CIRCLE | = | | 4 | |
| NUMBER IN THREE INCH CIRCLE | = | | 7 | |




| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 4 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | .799 | .821 | .614 |
| MINIMUM X | : | -1.681 | -1.659 | -.917 |
| MAXIMUM Y | : | 2.121 | 1.172 | 1.194 |
| MINIMUM Y | : | -1.606 | -1.371 | -1.349 |
| CENTROID X | : | -.004 | -.026 | .181 |
| CENTROID Y | : | .172 | -.063 | -.085 |
| POA TO CENTROID in. | : | .172 | .069 | .200 |
| MIN RADIUS | : | .546 | .579 | .410 |
| MEAN RADIUS | : | 1.159 | 1.037 | .934 |
| MAX RADIUS | : | 2.130 | 1.668 | 1.373 |
| HORIZONTAL SPREAD | : | 2.480 | 2.480 | 1.531 |
| VERTICAL SPREAD | : | 3.727 | 2.543 | 2.543 |
| EXTREME SPREAD | : | 3.735 | 2.675 | 2.568 |
| NUMBER IN ONE INCH CIRCLE | = | | 0 | |
| NUMBER IN TWO INCH CIRCLE | = | | 4 | |
| NUMBER IN THREE INCH CIRCLE | = | | 7 | |




| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 5 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | .782 | .804 | .765 |
| MINIMUM X | : | -.790 | -.768 | -.807 |
| MAXIMUM Y | : | 1.504 | 1.322 | .844 |
| MINIMUM Y | : | -1.632 | -.807 | -.641 |
| CENTROID X | : | .095 | .073 | .112 |
| CENTROID Y | : | .116 | .298 | .132 |
| POA TO CENTROID in. | : | .150 | .307 | .174 |
| MIN RADIUS | : | .384 | .385 | .391 |
| MEAN RADIUS | : | .894 | .809 | .721 |
| MAX RADIUS | : | 1.643 | 1.358 | 1.001 |
| HORIZONTAL SPREAD | : | 1.572 | 1.572 | 1.572 |
| VERTICAL SPREAD | : | 3.136 | 2.129 | 1.485 |
| EXTREME SPREAD | : | 3.179 | 2.369 | 1.926 |
| NUMBER IN ONE INCH CIRCLE | = | | 2 | |
| NUMBER IN TWO INCH CIRCLE | = | | 7 | |
| NUMBER IN THREE INCH CIRCLE | = | | 8 | |