C6522171

MODEL 700™ M24

Model SWS ™

Action

Barrel Length

Capacity

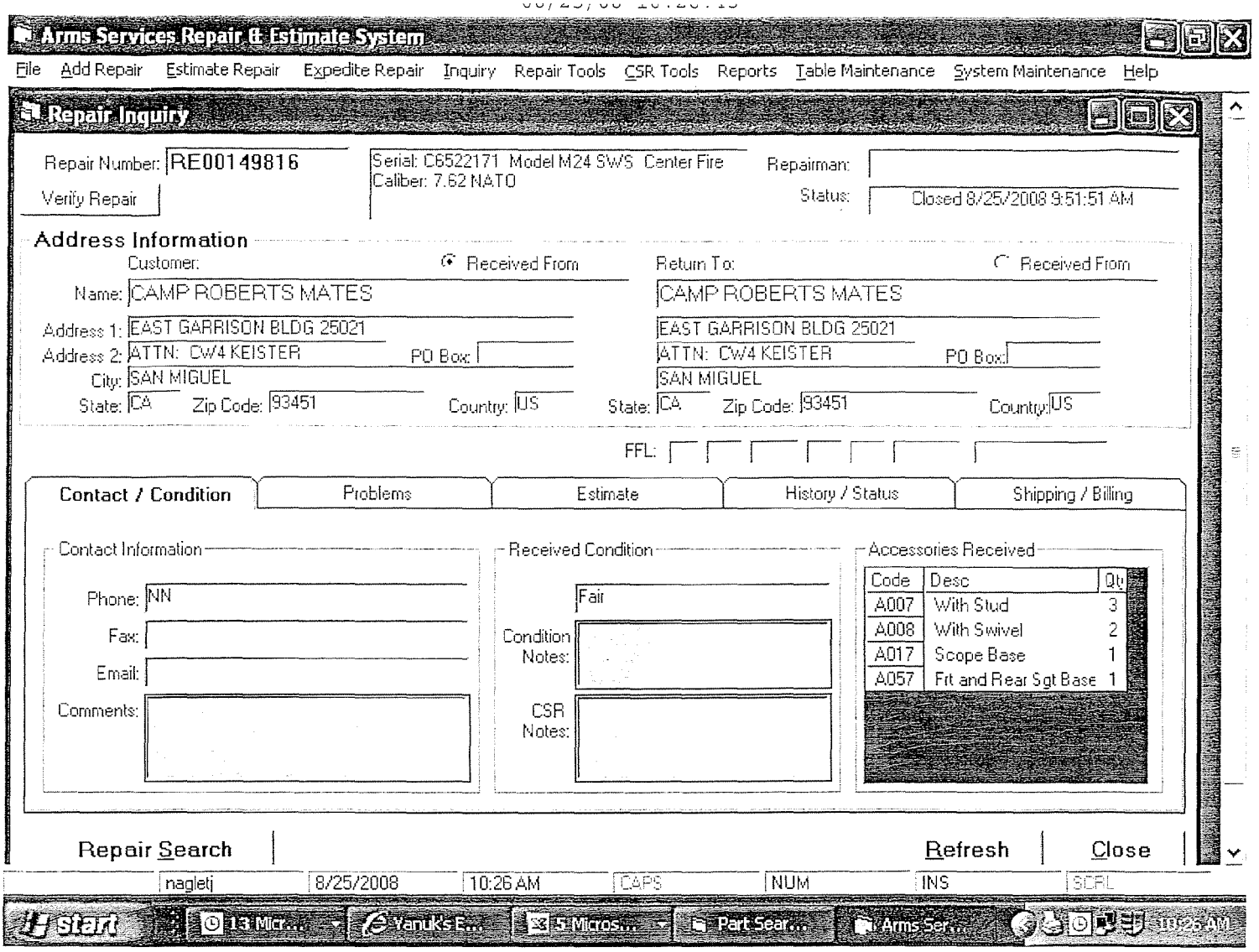
Order No. 5716

*Includes 1 in chamber.

Remington

Smead®

No. 2-152-5L


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: RE00149816
Verify Repair
Serial: C6522171 Model M24 SWS Center Fire
Caliber: 7.62 NATO
Repairman:
Status: Closed 8/25/2008 9:51:51 AM
Address Information
Customer: Received From
Name: CAMP ROBERTS MATES
Address 1: EAST GARRISON BLDG 25021
Address 2: ATTN: CW4 KEISTER PO Box:
City: SAN MIGUEL
State: CA Zip Code: 93451 Country: US
Return To: Received From
CAMP ROBERTS MATES
EAST GARRISON BLDG 25021
ATTN: CW4 KEISTER PO Box:
SAN MIGUEL
State: CA Zip Code: 93451 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 Qu
A007 With Stud 3
A008 With Swivel 2
A017 Scope Base 1
A057 Frt and Rear Sgt Base 1
Repair Search
Refresh
Close
nagletj 8/25/2008 10:26 AM CAPS NUM INS SCRL
Start
13 Micr...
Yanuk's E...
5 Micros...
Part Sear...
Arms Ser...
10:26 AM


Serial Number:
C6522171
Model: M24 SWS
RE00149816

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

R & R NUMBER 149816
SERIAL NUMBER C6522171
LOG-IN DATE 8-25-08

| OPERATION # | OPERATION NAME | | DATE | INITIAL |
|---|---|---|---|---|
| 500 | DIS-ASSEMBLE GUN | | | |
| 505 | RE-BARREL | | | |
| 560 | ASSEMBLE | Clean + Evaluate | 9-16-08 | RTC |
| 600 | PROOF | | | |
| 605 | CHECK HEADSPACE | | | |
| 610 | DIS-ASSEMBLE GUN | | | |
| 612 | MAGNAFLUX | | | |
| 510 | DRILL AND TAP | | | |
| 615 | ROLLMARK CALIBER | | | |
| 618 | ROTO-BLAST | | | |
| 620 | APPLY COATINGS | | | |
| 625 | FINAL ASSEMBLY | | | |
| 640 | FUNCTION TEST AND | (PASS) FAIL | 9-20-08 | TRW |
| 650 | TARGET | (PASS) FAIL | 9-20-08 | TRW |
| | MALFUNCTION | CORRECTION | | |
| | MALFUNCTION | CORRECTION N/A | | |
| | MALFUNCTION | CORRECTION | | |
| | MALFUNCTION | CORRECTION | 9-20-08 | RP |
| 670 | FINAL INSPECTION | | 9-23-08 | TC |
| | A) HEADSPACE | (PASS) FAIL | 9-23-08 | TC |
| | B) TRIGGER PULL +/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS | 2.28 2.26 2.26 2.26 2.26 | 9-23-08 | TC |
| | F) SAFETY ON FORCE 2 LBS MIN, 10 LBS MAX | 2.5 2.5 2.5 | 9-23-08 | TC |
| | G) SAFETY OFF FORCE 2 LBS MIN | 4.5 4.5 4.5 | 9-23-08 | TC |
| | I) FIRING PIN INDENT .020 | .023 .024 .024 | 9-23-08 | TC |
| 690 | PACK | | 9/25/08 | FM |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522171.__1
FILE DATE AND TIME: 09/22/2008 06:30

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

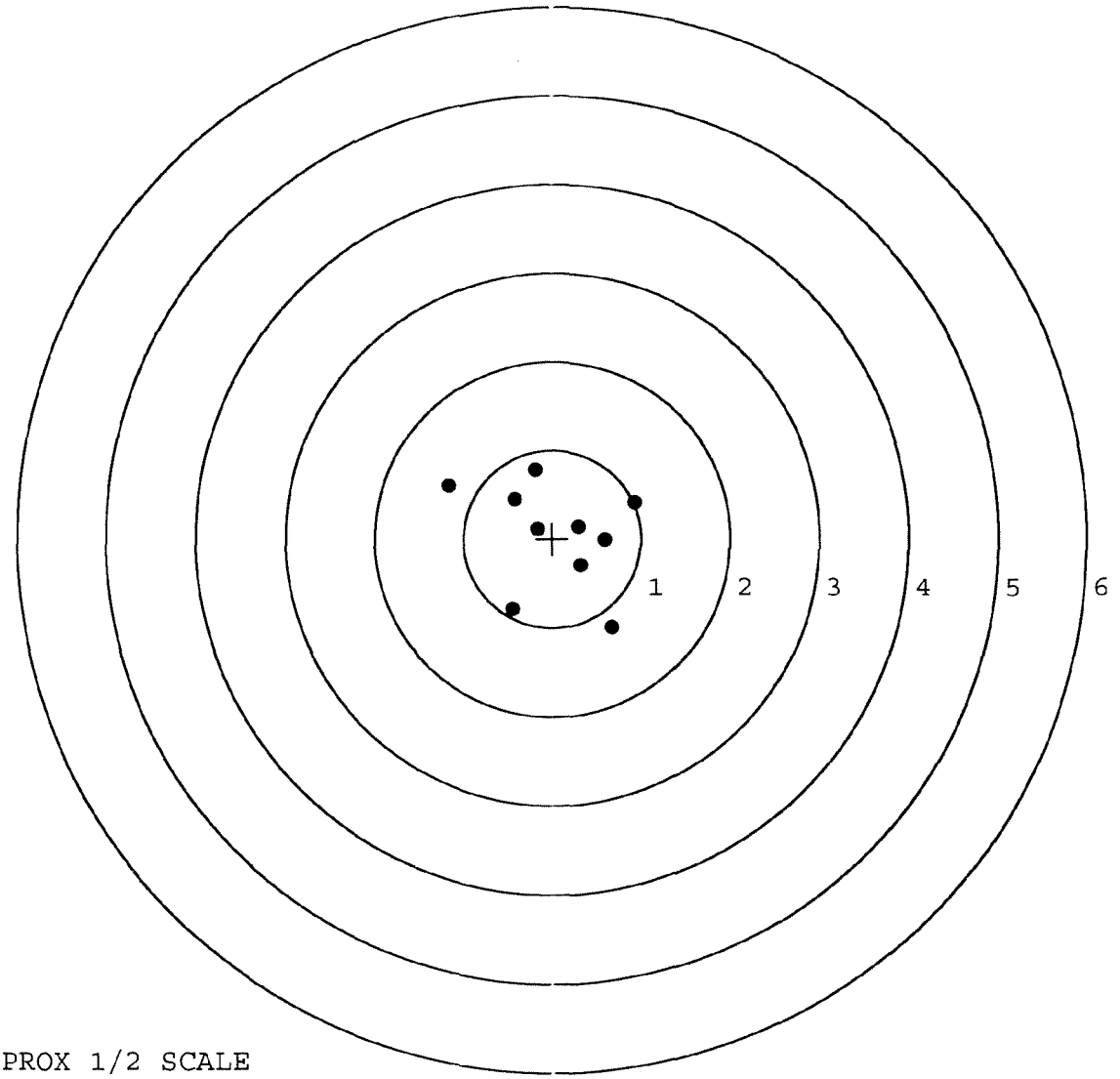
ERROR - NOT POSSIBLE TO REPORT SWS STATS ON DATA
WHERE TOTAL TARGETS ARE NOT EQUAL TO FIVE

Ave. mean - .8155

SERIAL NUMBER: C6522171.__1
TARGET NUMBER: 1
FILE DATE: 09/22/2008
FILE TIME: 06:30

| | |
|---|---|
| X CENTROID: | 0.041 |
| Y CENTROID: | 0.035 |
| POA TO CENTROID: | 0.054 |
| HORZ SPREAD: | 2.095 |
| VERT SPREAD: | 1.779 |
| GROUP SPREAD: | 2.431 |
| MIN RADIUS: | 0.223 |
| MAX RADIUS: | 1.331 |
| MEAN RADIUS: | 0.736 |
| # IN 1 IN DIAMETER: | 3 |
| # IN 2 IN DIAMETER: | 8 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.667 | -1.001 |
| 2: | -0.451 | -0.796 |
| 3: | 0.321 | -0.306 |
| 4: | 0.591 | -0.017 |
| 5: | 0.296 | 0.138 |
| 6: | 0.930 | 0.404 |
| 7: | -0.170 | 0.108 |
| 8: | -0.421 | 0.445 |
| 9: | -0.187 | 0.778 |
| 10: | -1.165 | 0.597 |

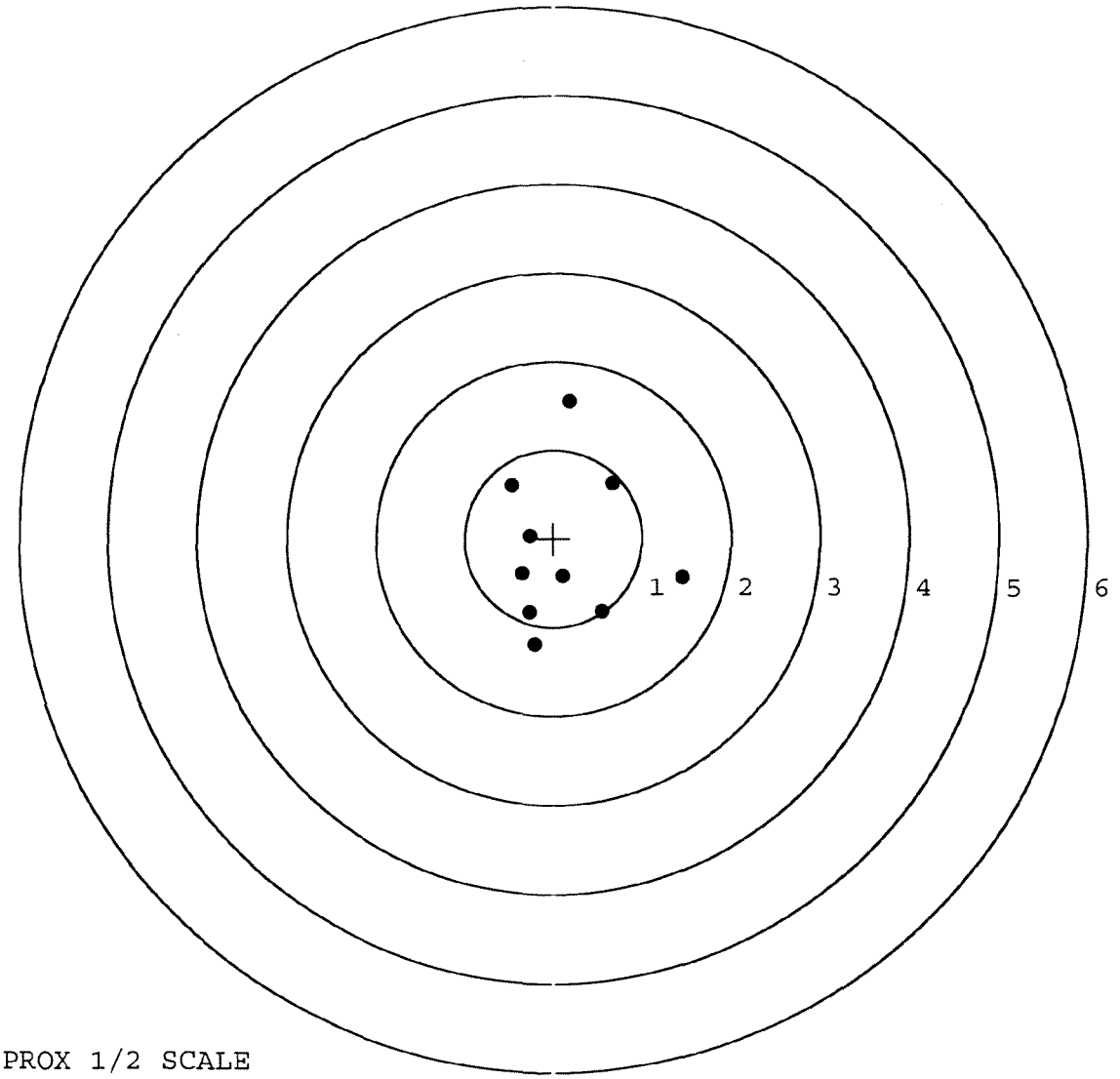



TARGET APPROX 1/2 SCALE

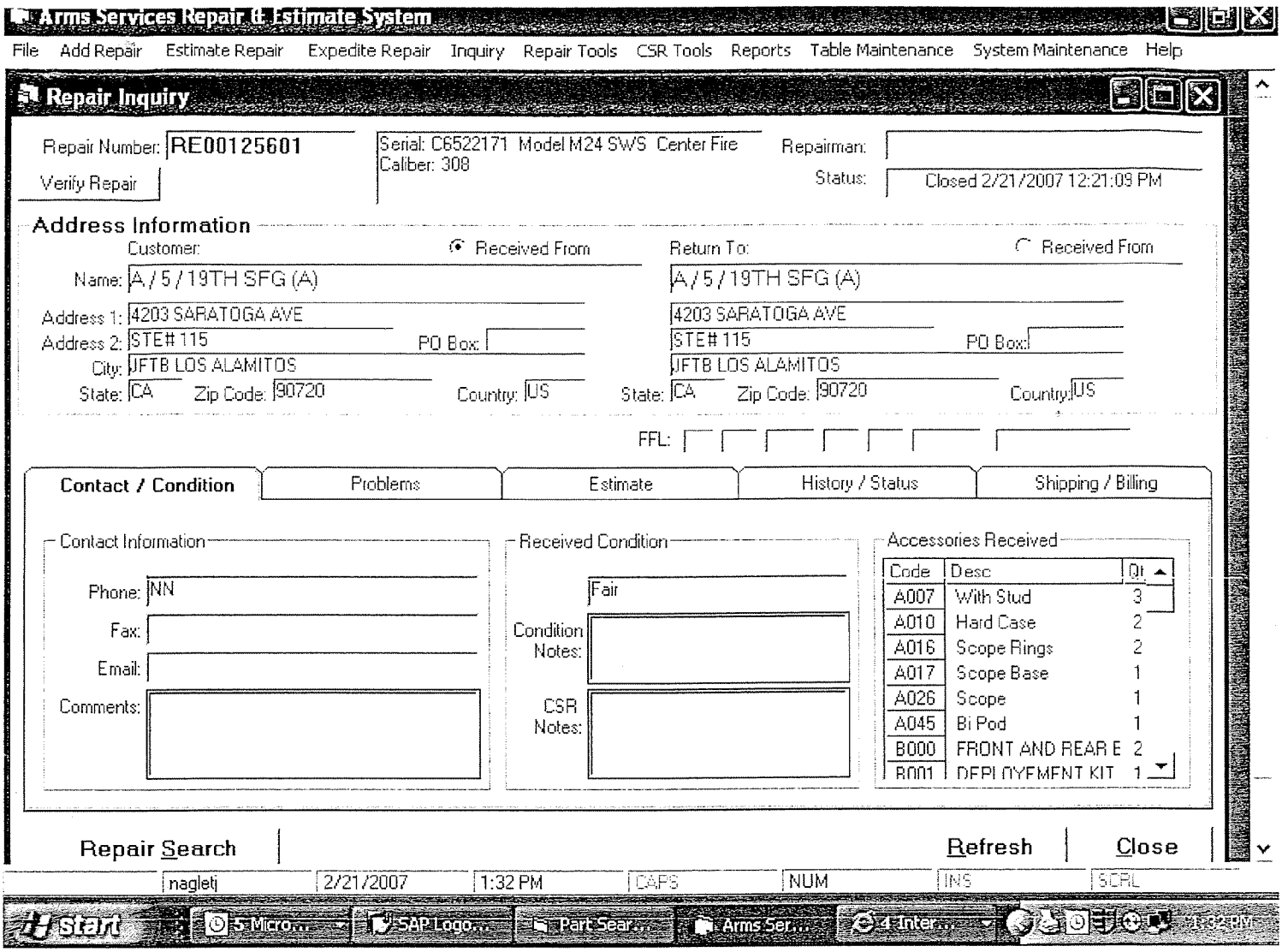
SERIAL NUMBER: C6522171.__1
TARGET NUMBER: 2
FILE DATE: 09/22/2008
FILE TIME: 06:30

| | |
|---|---|
| X CENTROID: | 0.140 |
| Y CENTROID: | -0.135 |
| POA TO CENTROID: | 0.195 |
| HORZ SPREAD: | 1.925 |
| VERT SPREAD: | 2.752 |
| GROUP SPREAD: | 2.782 |
| MIN RADIUS: | 0.296 |
| MAX RADIUS: | 1.684 |
| MEAN RADIUS: | 0.895 |
| # IN 1 IN DIAMETER: | 2 |
| # IN 2 IN DIAMETER: | 7 |
| # in 3 IN DIAMETER: | 9 |

| POINT# | X | Y |
|---|---|---|
| 1: | 1.456 | -0.441 |
| 2: | 0.662 | 0.624 |
| 3: | 0.193 | 1.548 |
| 4: | -0.469 | 0.597 |
| 5: | -0.268 | 0.032 |
| 6: | 0.111 | -0.430 |
| 7: | 0.549 | -0.832 |
| 8: | -0.213 | -1.204 |
| 9: | -0.271 | -0.839 |
| 10: | -0.349 | -0.406 |




TARGET APPROX 1/2 SCALE




Serial Number: C6522171

Model: M24 SWS

RE00125601

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522171.__0
FILE DATE AND TIME: 03/13/2007 11:33

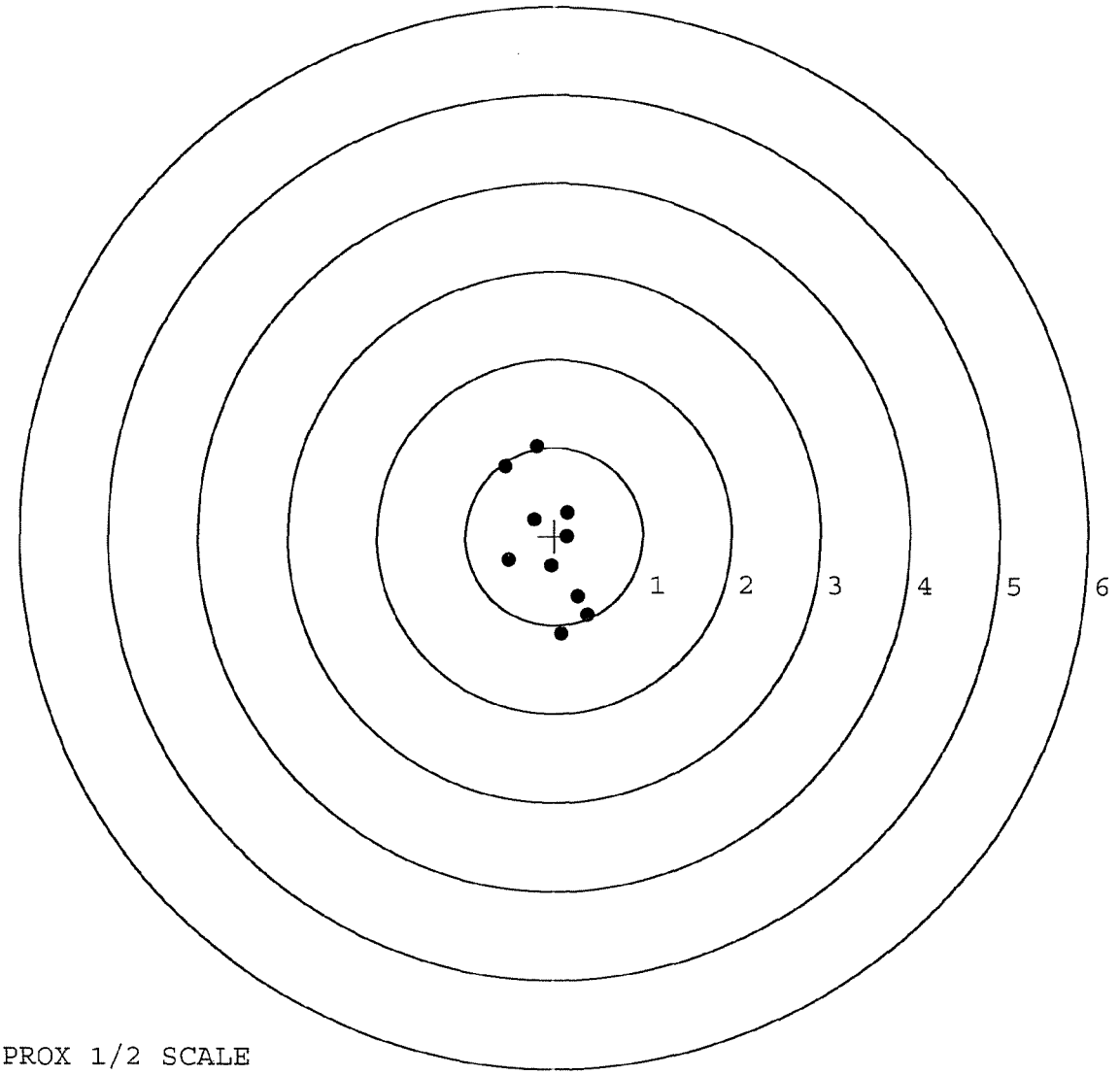
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

| | |
|---|---|
| The Average X Centroid of the Five Target Set: | -0.076 |
| The Average Y Centroid of the Five Target Set: | -0.041 |
| The Average Point of Impact of the Five Target Set: | 0.087 |
| The Average Mean Radius of the Five Target Set: | 0.661 |
| The Distance from POA to Centroid Target #1: | 0.116 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.097 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.090 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.166 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.027 |

SERIAL NUMBER: C6522171.__0
TARGET NUMBER: 1
FILE DATE: 03/13/2007
FILE TIME: 11:33

| | |
|---|---|
| X CENTROID: | -0.049 |
| Y CENTROID: | -0.105 |
| POA TO CENTROID: | 0.116 |
| HORZ SPREAD: | 0.928 |
| VERT SPREAD: | 2.119 |
| GROUP SPREAD: | 2.137 |
| MIN RADIUS: | 0.216 |
| MAX RADIUS: | 1.125 |
| MEAN RADIUS: | 0.642 |
| # IN 1 IN DIAMETER: | 5 |
| # IN 2 IN DIAMETER: | 7 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.081 | -1.108 |
| 2: | 0.375 | -0.891 |
| 3: | 0.273 | -0.677 |
| 4: | -0.513 | -0.270 |
| 5: | -0.030 | -0.337 |
| 6: | -0.230 | 0.189 |
| 7: | 0.151 | 0.265 |
| 8: | 0.146 | -0.012 |
| 9: | -0.553 | 0.784 |
| 10: | -0.194 | 1.011 |

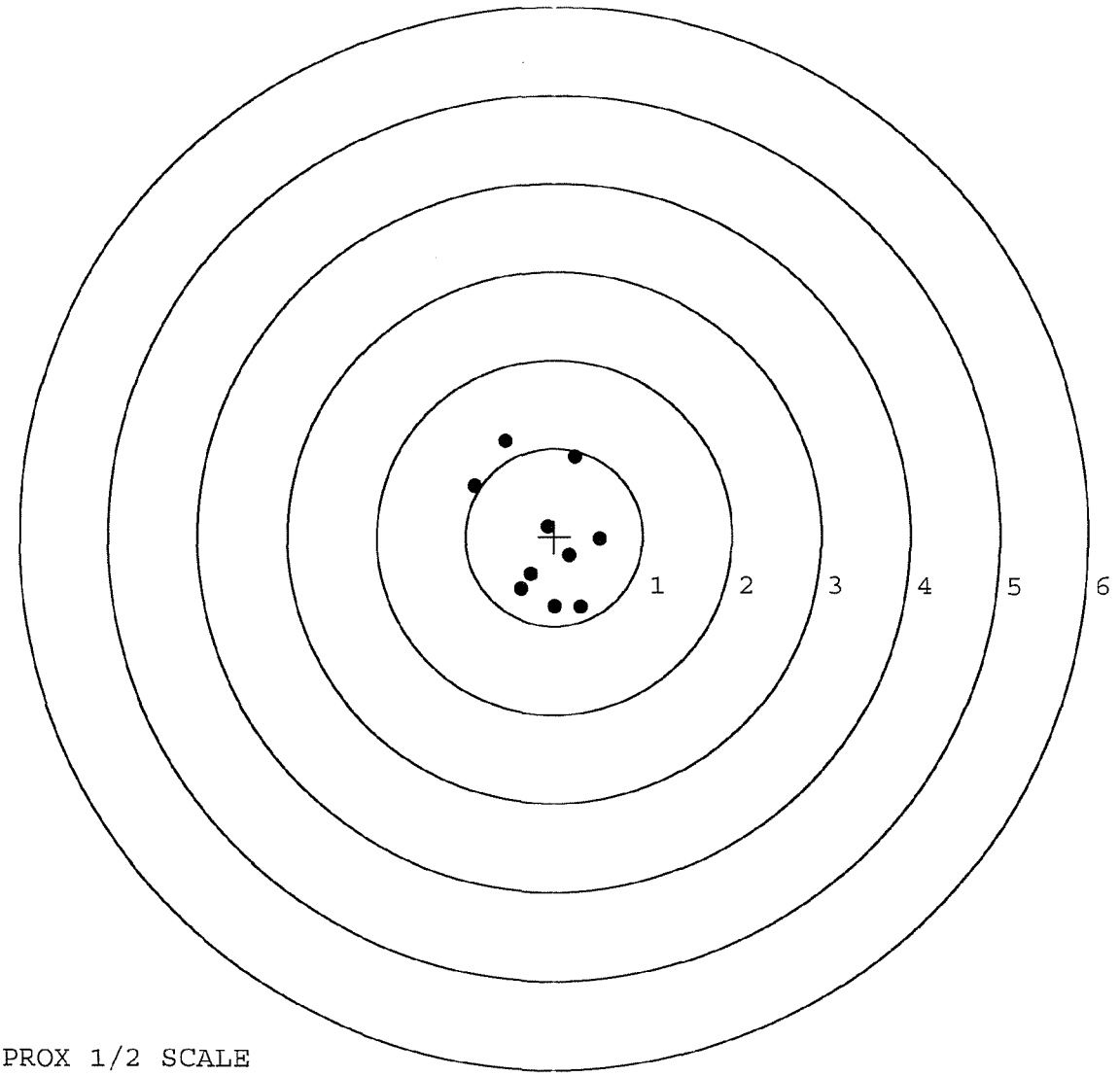



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522171.__0
TARGET NUMBER: 2
FILE DATE: 03/13/2007
FILE TIME: 11:33

| | |
|---|---|
| X CENTROID: | -0.093 |
| Y CENTROID: | -0.018 |
| POA TO CENTROID: | 0.094 |
| HORZ SPREAD: | 1.402 |
| VERT SPREAD: | 1.869 |
| GROUP SPREAD: | 2.053 |
| MIN RADIUS: | 0.135 |
| MAX RADIUS: | 1.185 |
| MEAN RADIUS: | 0.695 |
| # IN 1 IN DIAMETER: | 3 |
| # IN 2 IN DIAMETER: | 9 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.301 | -0.793 |
| 2: | 0.007 | -0.785 |
| 3: | -0.373 | -0.594 |
| 4: | -0.262 | -0.423 |
| 5: | 0.175 | -0.216 |
| 6: | 0.508 | -0.033 |
| 7: | -0.079 | 0.116 |
| 8: | 0.240 | 0.902 |
| 9: | -0.549 | 1.076 |
| 10: | -0.894 | 0.569 |

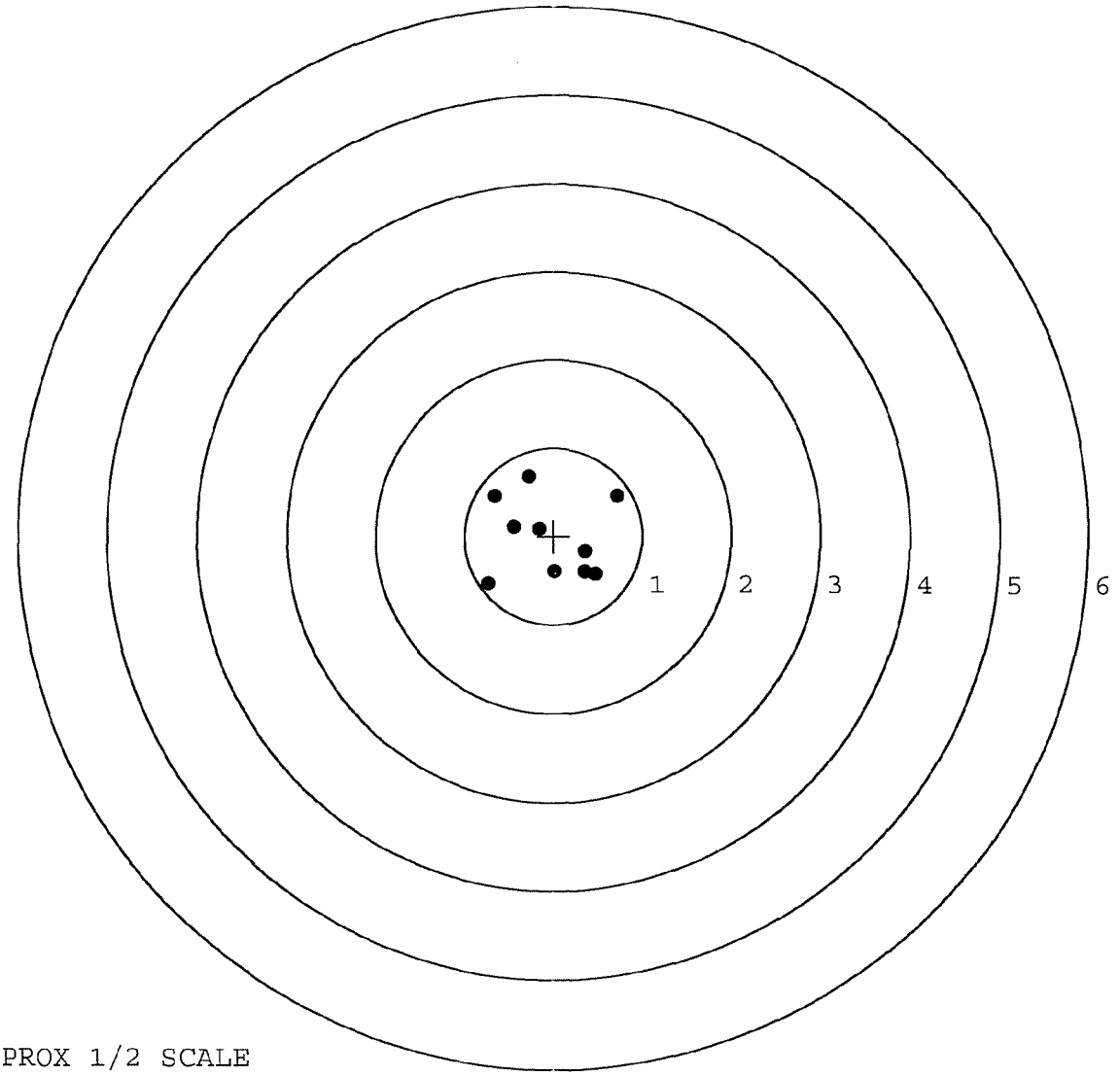



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522171.__0
TARGET NUMBER: 3
FILE DATE: 03/13/2007
FILE TIME: 11:33

| | |
|---|---|
| X CENTROID: | -0.036 |
| Y CENTROID: | -0.016 |
| POA TO CENTROID: | 0.040 |
| HORZ SPREAD: | 1.450 |
| VERT SPREAD: | 1.210 |
| GROUP SPREAD: | 1.759 |
| MIN RADIUS: | 0.162 |
| MAX RADIUS: | 0.889 |
| MEAN RADIUS: | 0.590 |
| # IN 1 IN DIAMETER: | 4 |
| # IN 2 IN DIAMETER: | 10 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.716 | 0.459 |
| 2: | -0.275 | 0.674 |
| 3: | -0.664 | 0.456 |
| 4: | -0.453 | 0.112 |
| 5: | -0.165 | 0.083 |
| 6: | 0.362 | -0.170 |
| 7: | 0.478 | -0.427 |
| 8: | 0.014 | -0.403 |
| 9: | -0.734 | -0.536 |
| 10: | 0.358 | -0.404 |

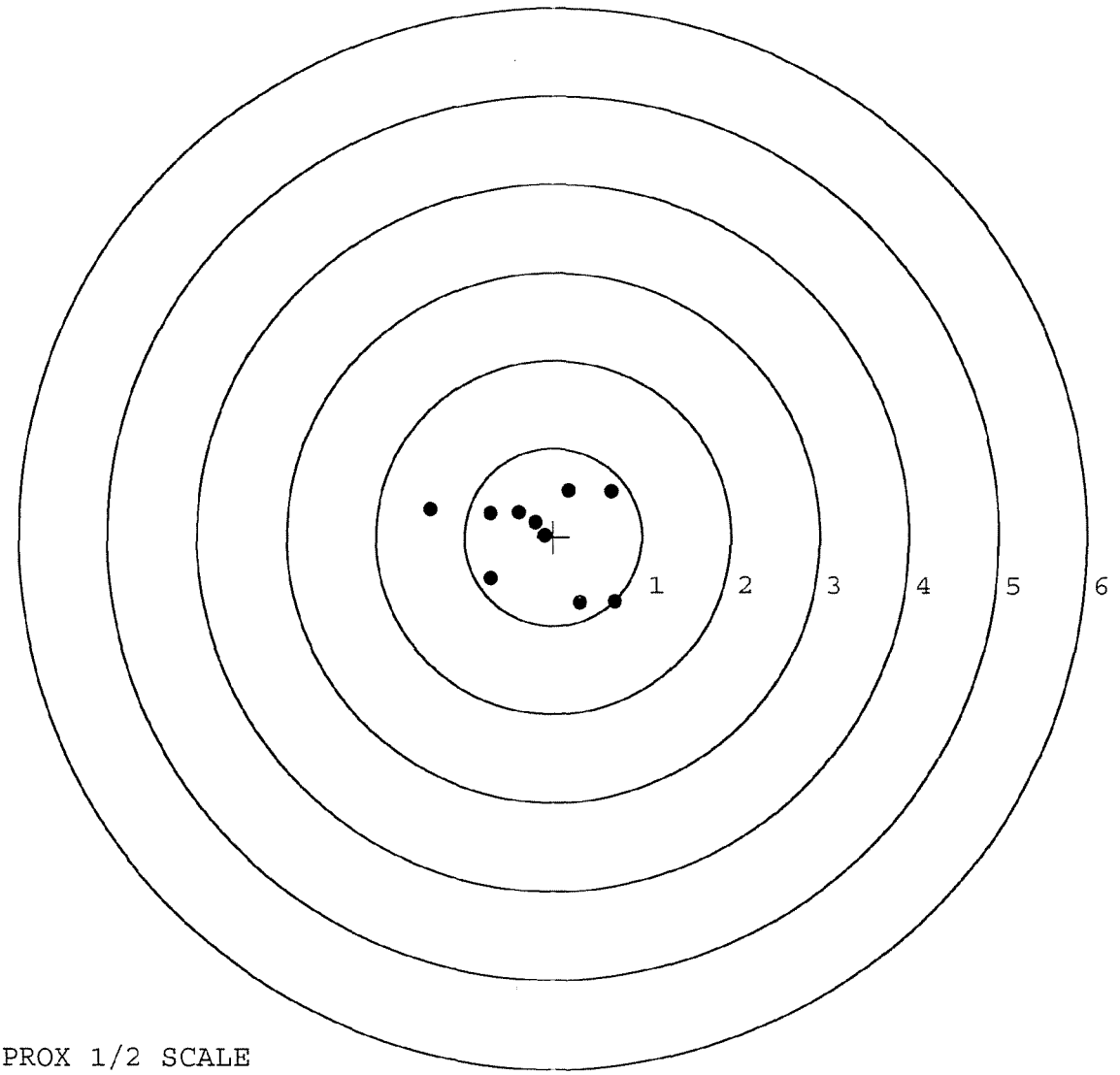



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522171.__0
TARGET NUMBER: 4
FILE DATE: 03/13/2007
FILE TIME: 11:33

| | |
|---|---|
| X CENTROID: | -0.166 |
| Y CENTROID: | 0.013 |
| POA TO CENTROID: | 0.167 |
| HORZ SPREAD: | 2.089 |
| VERT SPREAD: | 1.268 |
| GROUP SPREAD: | 2.337 |
| MIN RADIUS: | 0.066 |
| MAX RADIUS: | 1.263 |
| MEAN RADIUS: | 0.677 |
| # IN 1 IN DIAMETER: | 3 |
| # IN 2 IN DIAMETER: | 8 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.696 | -0.735 |
| 2: | 0.306 | -0.744 |
| 3: | -0.701 | -0.472 |
| 4: | -1.393 | 0.312 |
| 5: | 0.654 | 0.513 |
| 6: | 0.180 | 0.524 |
| 7: | -0.100 | 0.016 |
| 8: | -0.204 | 0.162 |
| 9: | -0.392 | 0.277 |
| 10: | -0.710 | 0.273 |

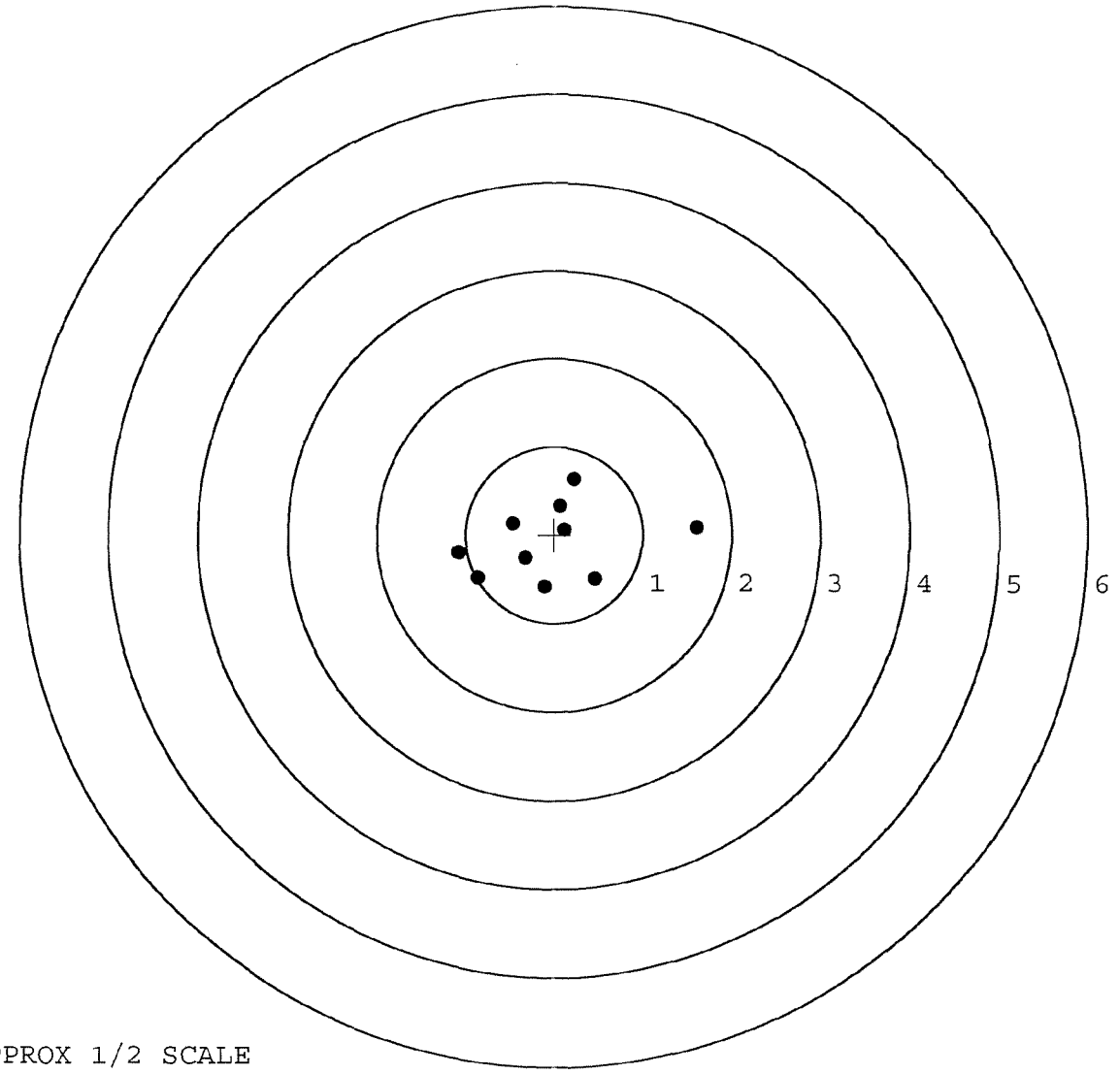



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522171.__0
TARGET NUMBER: 5
FILE DATE: 03/13/2007
FILE TIME: 11:33

| | |
|---|---|
| X CENTROID: | -0.036 |
| Y CENTROID: | -0.082 |
| POA TO CENTROID: | 0.089 |
| HORZ SPREAD: | 2.682 |
| VERT SPREAD: | 1.233 |
| GROUP SPREAD: | 2.697 |
| MIN RADIUS: | 0.203 |
| MAX RADIUS: | 1.650 |
| MEAN RADIUS: | 0.701 |
| # IN 1 IN DIAMETER: | 4 |
| # IN 2 IN DIAMETER: | 8 |
| # in 3 IN DIAMETER: | 9 |

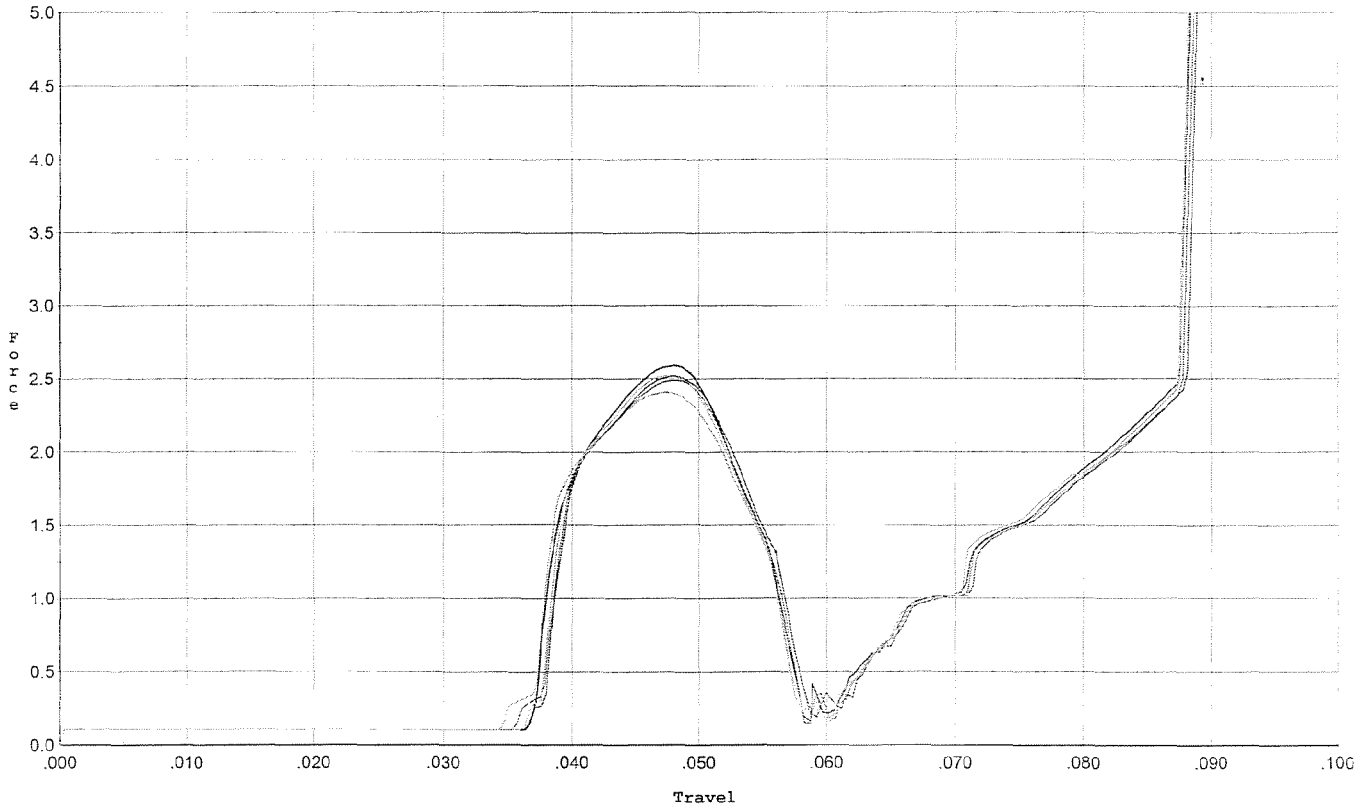
| POINT# | X | Y |
|---|---|---|
| 1: | 1.606 | 0.082 |
| 2: | 0.228 | 0.636 |
| 3: | 0.070 | 0.333 |
| 4: | 0.114 | 0.056 |
| 5: | 0.463 | -0.501 |
| 6: | -0.108 | -0.597 |
| 7: | -0.325 | -0.264 |
| 8: | -0.469 | 0.130 |
| 9: | -1.076 | -0.204 |
| 10: | -0.860 | -0.487 |




TARGET APPROX 1/2 SCALE

# Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| **Profile** | SWS | **Model:** | M/24 |
| **GunType:** | Rifle | **Serial No:** | Form #F005 |
| **Make:** | Remington | **Trigger:** | 2.5 lbs. ini. +/- .50 lbs. |
| **Note:** | R. Putch 2/21/07 | | |



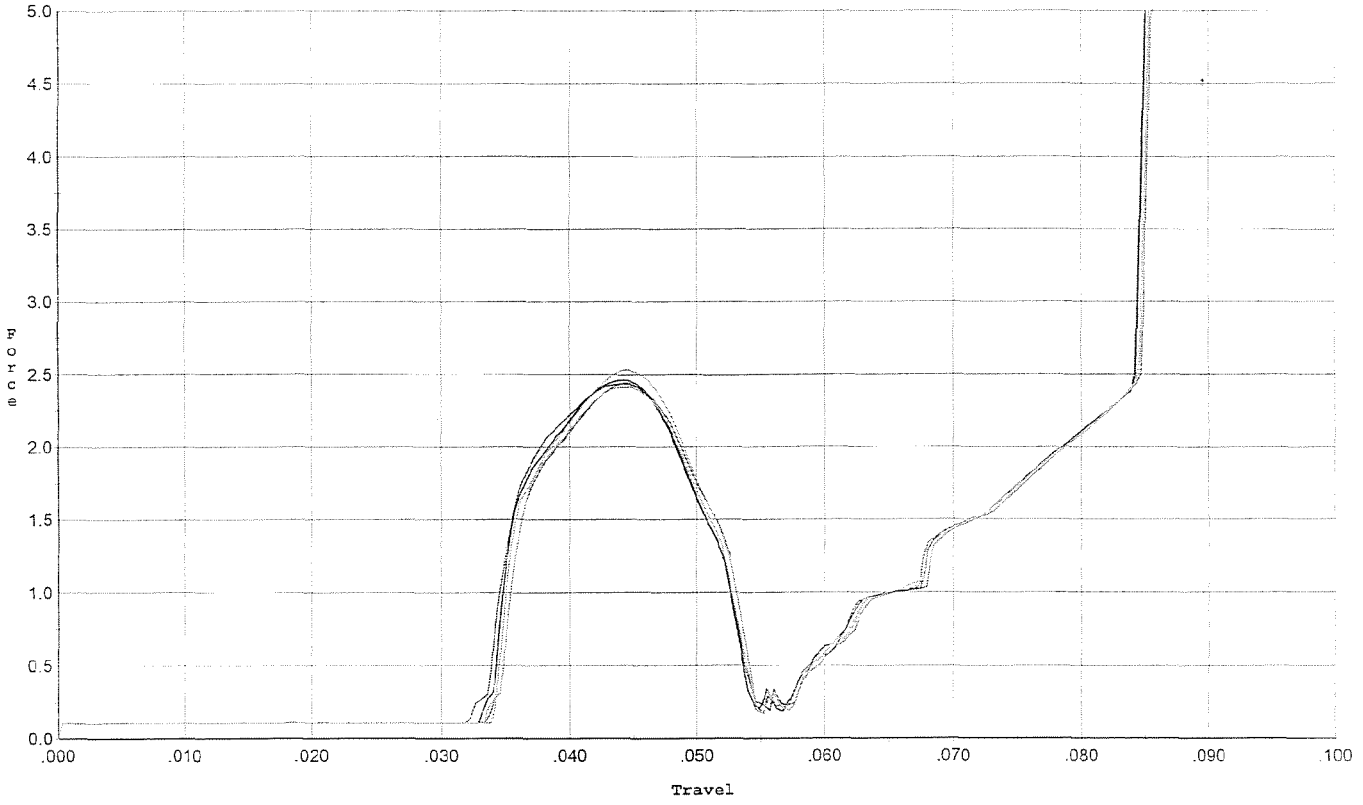

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 2.515 | 0.056 | 0.037 | 0.039 | 0.041 | | Set Trigger |
| 2 | 2.593 | 0.055 | 0.037 | 0.038 | 0.042 | | Set Trigger |
| 3 | 2.490 | 0.056 | 0.036 | 0.039 | 0.041 | | Set Trigger |
| 4 | 2.522 | 0.056 | 0.037 | 0.039 | 0.041 | | Set Trigger |
| 5 | 2.409 | 0.056 | 0.035 | 0.038 | 0.041 | | Set Trigger |

Avg 2.50

Trigger Scan 2.01 .SN 10337, printed by Remingyton Arms Co., Inc.. 2/21/2007 11:10:02 PM

## Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| **Profile** | SWS | **Model:** | M/24 |
| **GunType:** | Rifle | **Serial No:** | Form #F005 |
| **Make:** | Remington | **Trigger:** | 2.5 lbs. after 50 cycles +/- .50 lbs. |
| **Note:** | R. Putch 2/21/07 | | |



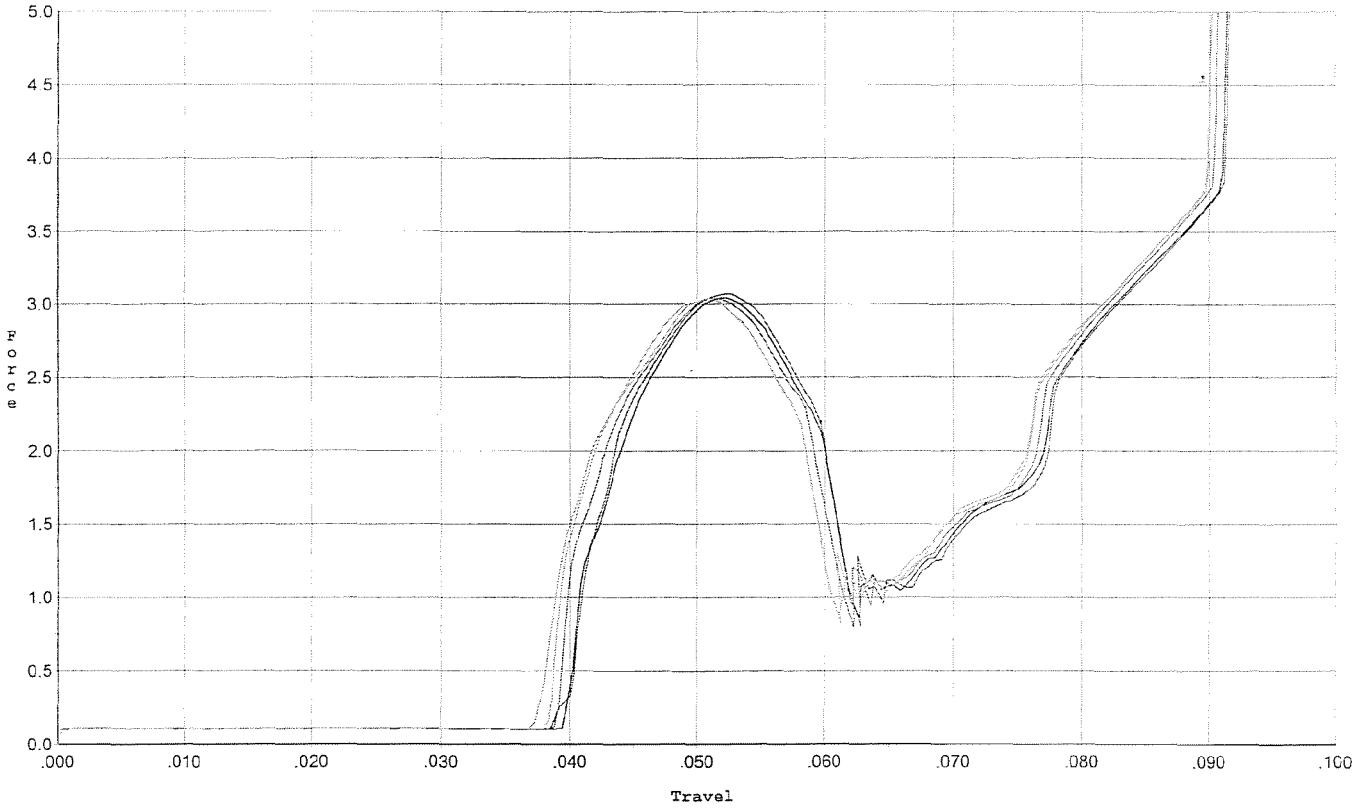

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 2.432 | 0.052 | 0.033 | 0.038 | 0.040 | | Set Trigger |
| 2 | 2.461 | 0.052 | 0.033 | 0.038 | 0.039 | | Set Trigger |
| 3 | 2.439 | 0.053 | 0.034 | 0.038 | 0.039 | | Set Trigger |
| 4 | 2.409 | 0.052 | 0.034 | 0.038 | 0.039 | | Set Trigger |
| 5 | 2.529 | 0.053 | 0.034 | 0.038 | 0.040 | | Set Trigger |

Avg 2.45

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 2/21/2007 11:11:36 PM

## Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| **Profile** | SWS | **Model:** | M/24 |
| **GunType:** | Rifle | **Serial No:** | Form #F005 |
| **Make:** | Remington | **Trigger:** | 3.0 lbs. ini. +/- .75 lbs. |
| **Note:** | R. Putch 2/21/07 | | |



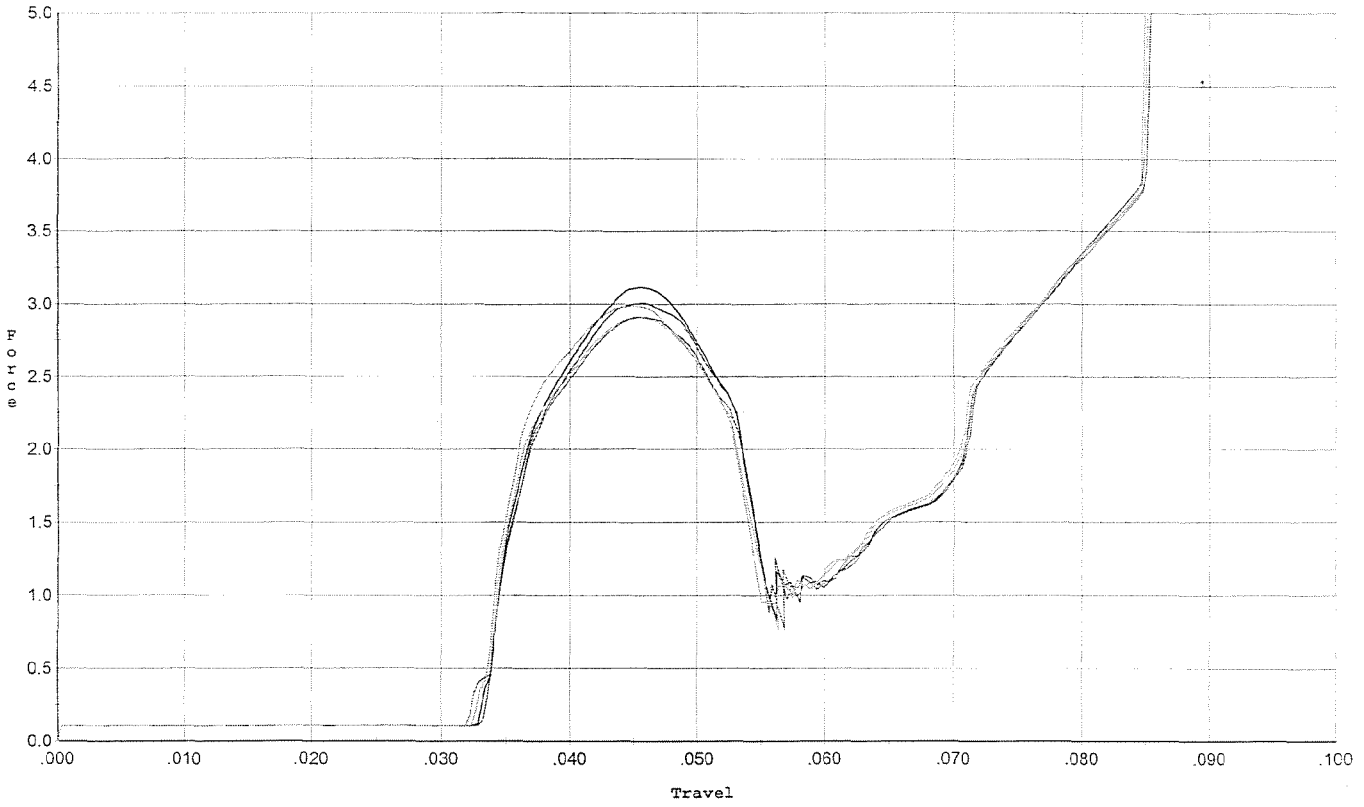

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 3.071 | 0.060 | 0.039 | 0.038 | 0.054 | | Set Trigger |
| 2 | 3.042 | 0.060 | 0.040 | 0.038 | 0.053 | | Set Trigger |
| 3 | 3.039 | 0.059 | 0.039 | 0.038 | 0.053 | | Set Trigger |
| 4 | 3.039 | 0.058 | 0.039 | 0.038 | 0.054 | | Set Trigger |
| 5 | 3.034 | 0.058 | 0.038 | 0.038 | 0.054 | | Set Trigger |

Avg 3.04

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 2/21/2007 11:15:43 PM

## Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| **Profile** | SWS | **Model:** | M/24 |
| **GunType:** | Rifle | **Serial No:** | Form #F005 |
| **Make:** | Remington | **Trigger:** | 3.0 lbs. after 20 cycles +/- .75 lbs. |
| **Note:** | R. Putch 2/21/07 | | |



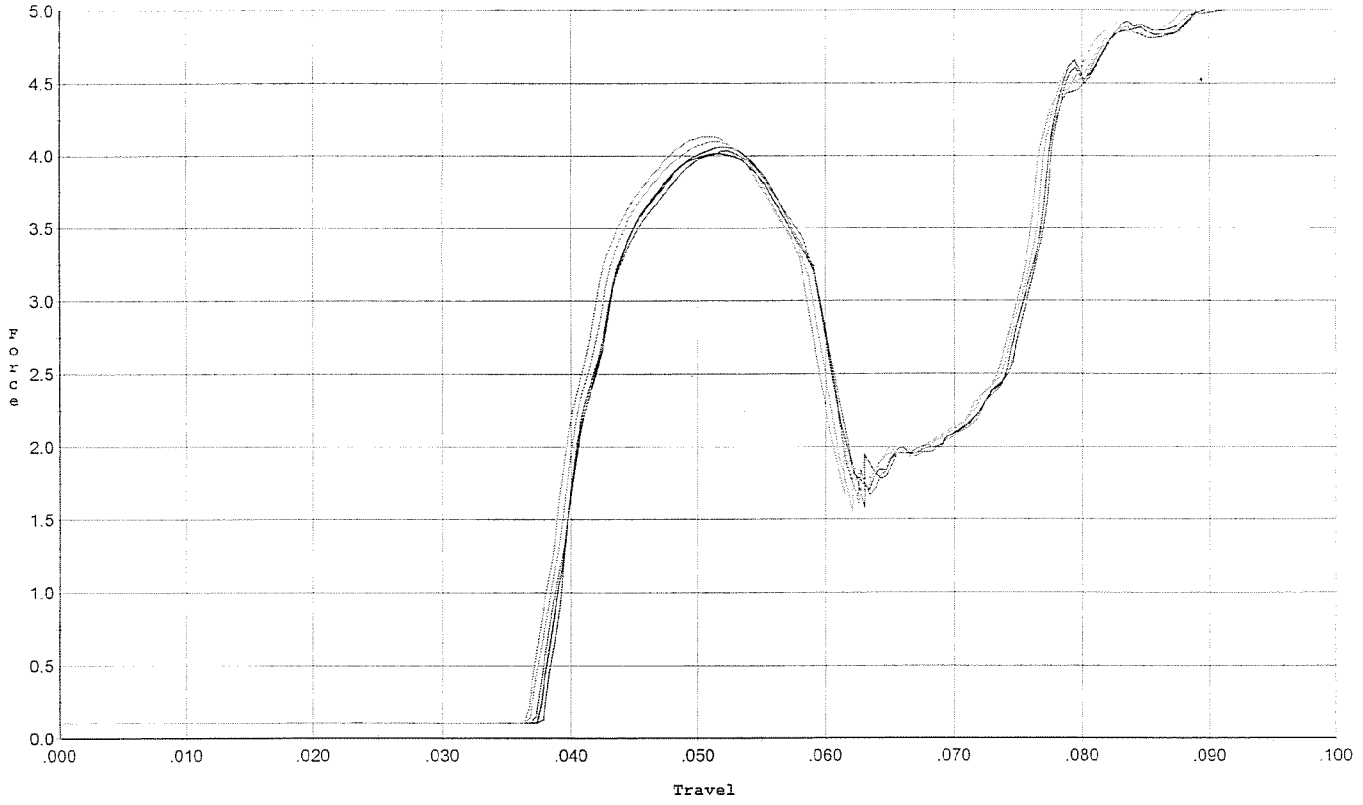

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 3.007 | 0.053 | 0.034 | 0.036 | 0.053 | | Set Trigger |
| 2 | 3.113 | 0.053 | 0.033 | 0.036 | 0.054 | | Set Trigger |
| 3 | 2.908 | 0.053 | 0.032 | 0.036 | 0.052 | | Set Trigger |
| 4 | 2.911 | 0.053 | 0.033 | 0.036 | 0.051 | | Set Trigger |
| 5 | 2.988 | 0.053 | 0.033 | 0.036 | 0.053 | | Set Trigger |

Avg 2.98

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 2/21/2007 11:17:13 PM

## Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| Profile | SWS | **Model:** | M/24 |
| GunType: | Rifle | **Serial No:** | Form #F005 |
| Make: | Remington | **Trigger:** | 4.0 lbs. ini. +/- 1.0 lbs. |
| Note: | R. Putch 2/21/07 | | |



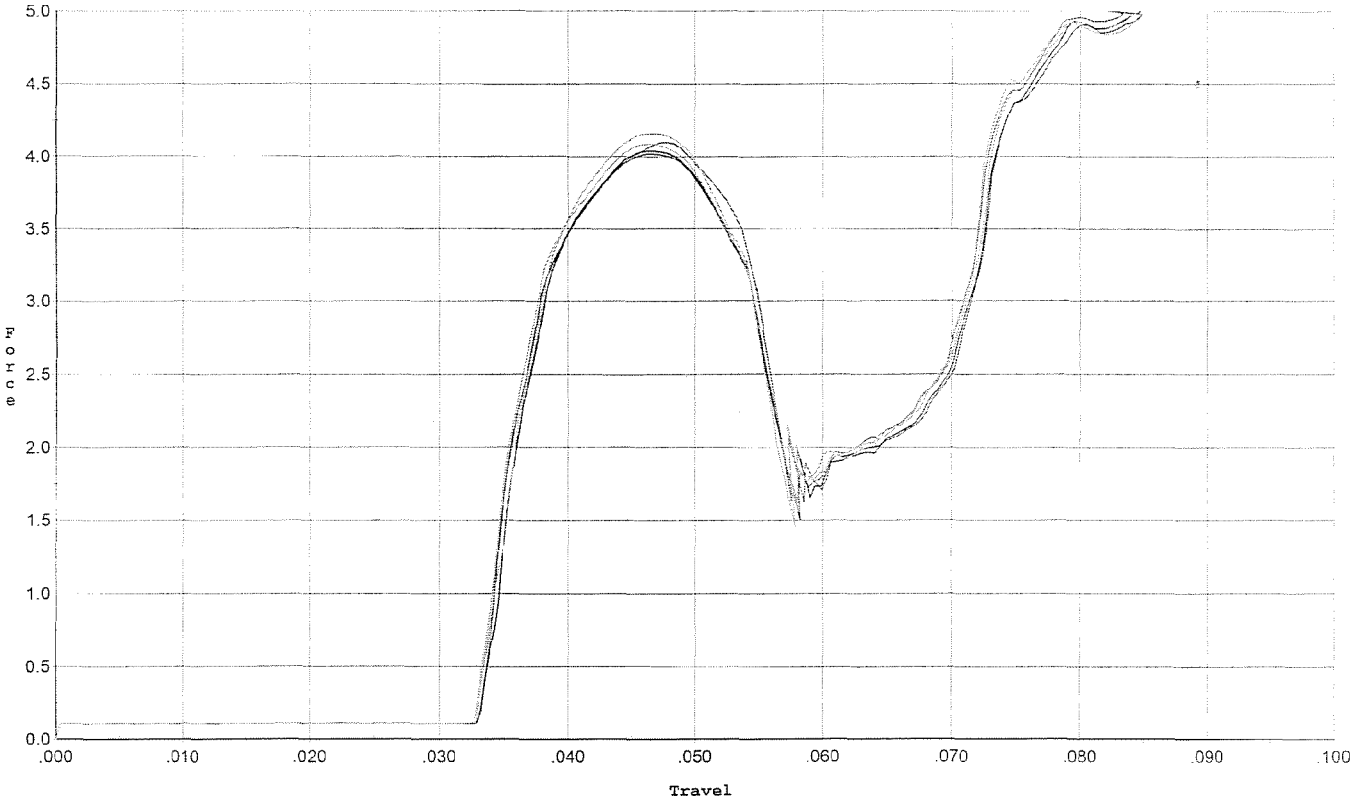

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 4.063 | 0.059 | 0.038 | 0.036 | 0.076 | | Set Trigger |
| 2 | 4.015 | 0.059 | 0.038 | 0.036 | 0.076 | | Set Trigger |
| 3 | 4.036 | 0.059 | 0.038 | 0.036 | 0.076 | | Set Trigger |
| 4 | 4.100 | 0.059 | 0.037 | 0.036 | 0.077 | | Set Trigger |
| 5 | 4.131 | 0.058 | 0.037 | 0.036 | 0.076 | | Set Trigger |

Avg 4.06

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 2/21/2007 11:19:23 PM

## Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| Profile | SWS | **Model:** | M/24 |
| GunType: | Rifle | **Serial No:** | Form #F005 |
| Make: | Remington | **Trigger:** | 4.0 lbs. after 20 cycles +/- 1.0 lbs. |
| Note: | R. Putch 2/21/07 | | |



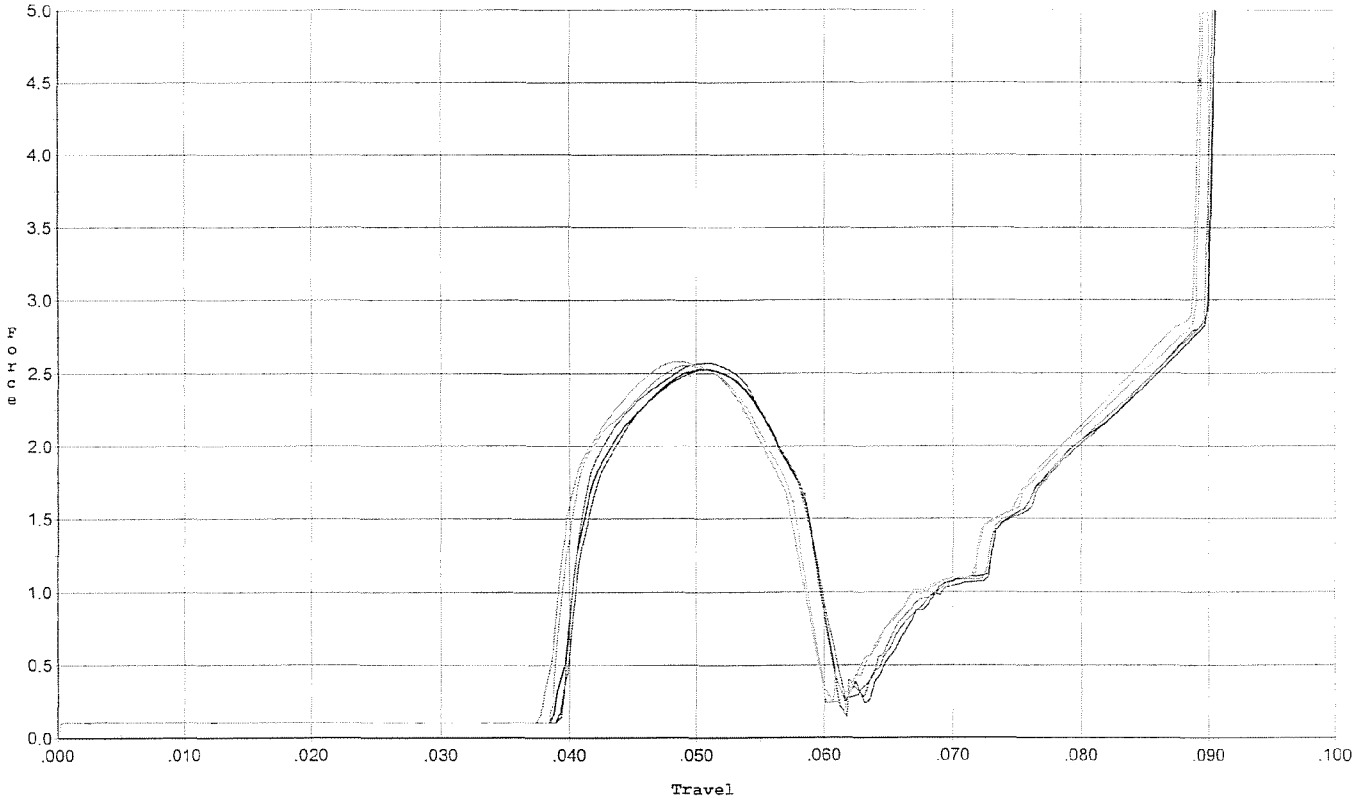

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 4.021 | 0.054 | 0.033 | 0.035 | 0.074 | | Set Trigger |
| 2 | 4.039 | 0.054 | 0.033 | 0.035 | 0.074 | | Set Trigger |
| 3 | 4.097 | 0.055 | 0.033 | 0.034 | 0.077 | | Set Trigger |
| 4 | 4.086 | 0.054 | 0.033 | 0.034 | 0.076 | | Set Trigger |
| 5 | 4.161 | 0.054 | 0.033 | 0.035 | 0.075 | | Set Trigger |

Avg 4.08

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc. 2/21/2007 11:20:45 PM

# Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| **Profile** | SWS | **Model:** | M/24 |
| **GunType:** | Rifle | **Serial No:** | Form #F005 |
| **Make:** | Remington | **Trigger:** | reset to 2.5 lbs. +/- .50 lbs. for final test |
| **Note:** | R. Putch 2/21/07 | | |



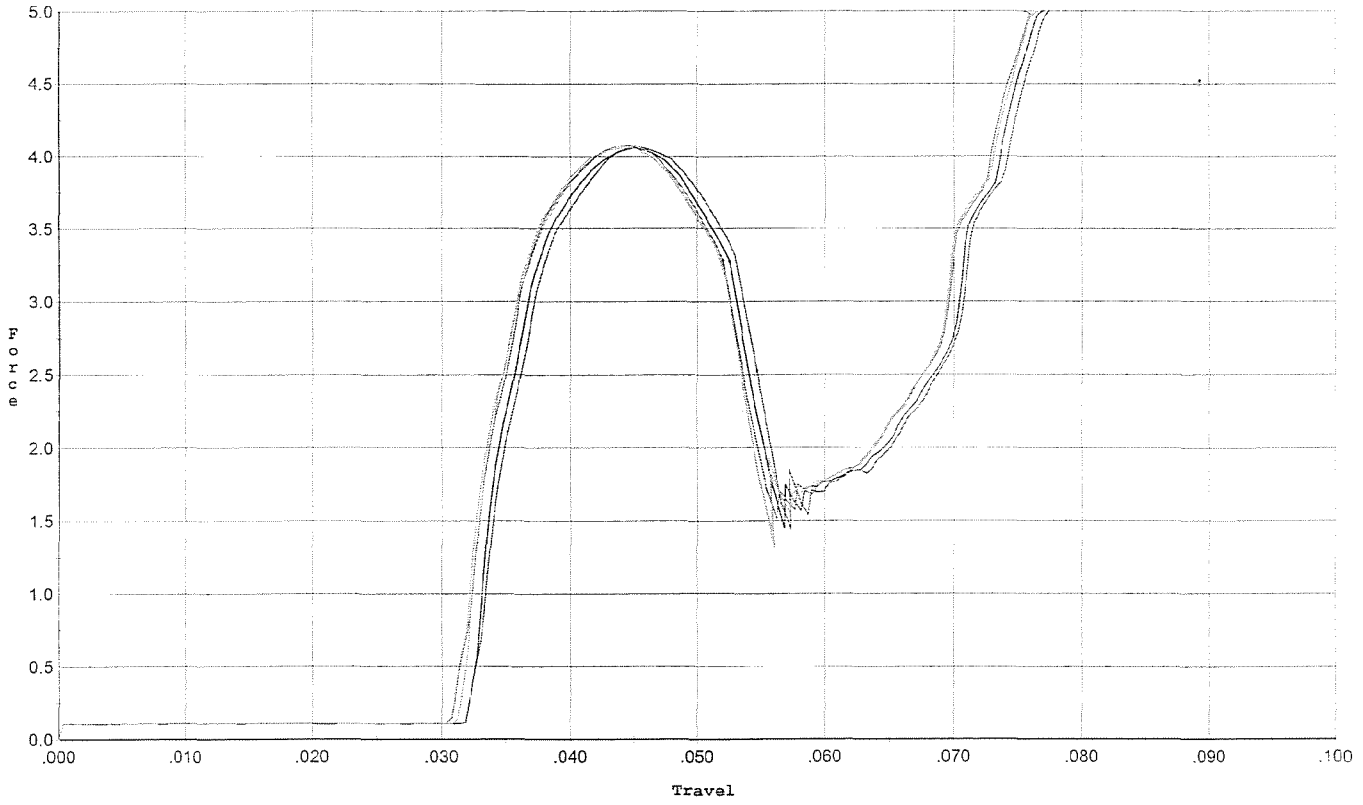

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 2.525 | 0.058 | 0.039 | 0.039 | 0.044 | | Set Trigger |
| 2 | 2.531 | 0.059 | 0.039 | 0.039 | 0.045 | | Set Trigger |
| 3 | 2.573 | 0.059 | 0.040 | 0.039 | 0.046 | | Set Trigger |
| 4 | 2.551 | 0.058 | 0.039 | 0.039 | 0.045 | | Set Trigger |
| 5 | 2.580 | 0.058 | 0.038 | 0.038 | 0.046 | | Set Trigger |

Avg 2.55

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co.. Inc.. 2/21/2007 11:25:22 PM

# Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| Profile | SWS | **Model:** | M/24 |
| GunType: | Rifle | **Serial No:** | Form #F005 |
| Make: | Remington | **Trigger:** | set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy |
| Note: | R. Putch 2/21/07 | | |




| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 4.065 | 0.055 | 0.032 | 0.034 | 0.077 | | Set Trigger |
| 2 | 4.058 | 0.053 | 0.032 | 0.034 | 0.073 | | Set Trigger |
| 3 | 4.078 | 0.052 | 0.031 | 0.034 | 0.074 | | Set Trigger |
| 4 | 4.061 | 0.052 | 0.031 | 0.033 | 0.075 | | Set Trigger |
| 5 | 4.078 | 0.052 | 0.032 | 0.033 | 0.074 | | Set Trigger |

Avg 4.06

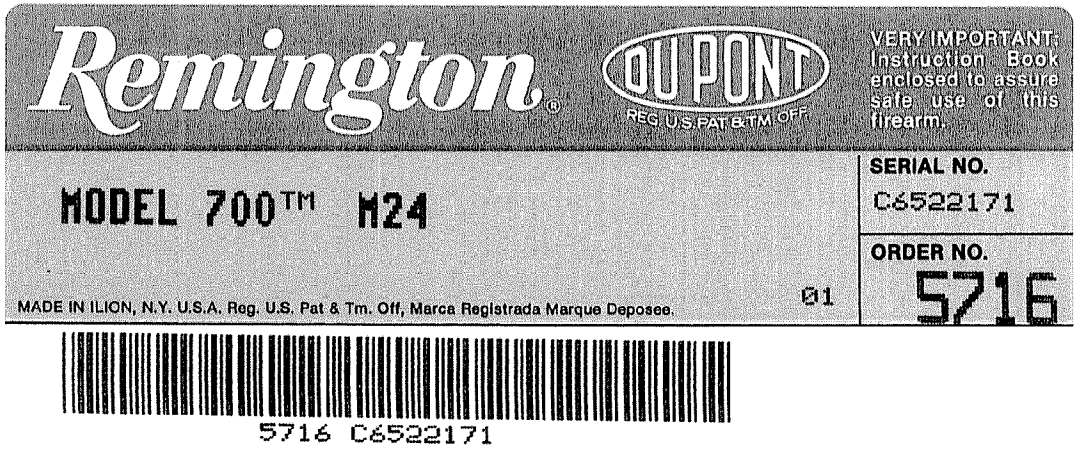
Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 2/21/2007 11:28:44 PM

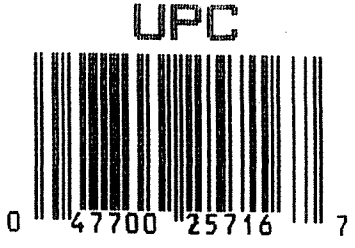
# M-24 INSPECTION CHECKLIST
## CONTRACT #: DAAE-20-02-C-0149

| | |
|---|---|
| R & E NUMBER | 125601 |
| SERIAL NUMBER | C6522171 |
| LOG-IN DATE | 2-21-07 |

| OPERATION # | OPERATION NAME | | DATE | INITIAL |
|---|---|---|---|---|
| 500 | DIS-ASSEMBLE GUN | | 2-22-07 | RTL |
| 505 | RE-BARREL | | 2-23-07 | RTL |
| 560 | ASSEMBLE | | 2-23-07 | RTL |
| 600 | PROOF | | 2-27-07 | TRW |
| 605 | CHECK HEADSPACE | INSPECTED | 2-27-07 | TRW |
| 610 | DIS-ASSEMBLE GUN | MAR 02 2007 | 2-28-07 | RTL |
| 612 | MAGNAFLUX | OPERATOR APD | 3-1-07 | APD |
| 510 | DRILL AND TAP | | 3-1-07 | TRW |
| 615 | ROLLMARK CALIBER | | 3-1-07 | CW |
| 618 | ROTO-BLAST | | 3-5-07 | LB |
| 620 | APPLY COATINGS | | 3-8-07 | LB |
| 625 | FINAL ASSEMBLY | | 3-13-07 | RTL |
| 640 | FUNCTION TEST AND | (PASS) FAIL | 3-13-07 | TRW |
| 650 | TARGET | (PASS) FAIL | 3-13-07 | TRW |
| | MALFUNCTION | CORRECTION | | |
| | MALFUNCTION | CORRECTION | | |
| | MALFUNCTION | CORRECTION | | |
| | MALFUNCTION | CORRECTION | 3-13-07 | FM |
| 670 | FINAL INSPECTION | | 3-13-07 | MGM |
| | A) HEADSPACE | (PASS) FAIL | 3-13-07 | MGM |
| | B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS) | 2.43 2.10 2.37 2.18 2.22 | 3-13-07 | TRW |
| 680 | F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX) | 7.75 8.5 8.5 | 3-13-07 | TRW |
| | G) SAFETY OFF FORCE (2 LBS MIN) | 3.0 3.0 3.25 | 3-13-07 | TRW |
| | I) FIRING PIN INDENT (.020) | .024 .025 .024 5 | 3-13-07 | TRW |
| 690 | PACK | | 3/5/07 | DA |

N/A



CAA-726

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522171

| OP. # | OP. NAME | READINGS | DATE | INIT |
|---|---|---|---|---|
| 575 & 580 | Assemble Action and Stock | | 8-21-90 | DB |
| 600 | Proof | | 8-21-90 | DB |
| 607 | Check Headspace | | 8-21-90 | DB |
| 610 | Dis-assemble Gun | | 8-21-90 | DB |
| 612 | Magnaflux Barrel Action | | 8/21/90 | KCK |
| | Magnaflux Bolt | | 8/21/90 | KCK |
| 615 | Rollmark Caliber | | 8/21/90 | GS |
| 617 | Drill and Tap Sight Holes | | 8/23/90 | FB |
| 618 | Polish Barrel RB | | 8/23/90 | WB |
| 620 | Apply Coatings (Barrel Action) | | 8-31-90 | |
| | Apply Coating (Bolt) | | | |
| 625 | Final Assembly 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 | | 9/12/90 | WB |

| op. # | OP. NAME | READINGS | | | | | DATE | INIT |
|---|---|---|---|---|---|---|---|---|
| 625 cont. | F) Safety On Force | 4 | 4 | 4 | | | 9/12/90 | WB |
| | G) Safety Off Force | 2 | 2 | 2 | | | 9/12/90 | WB |
| | H) Trigger Pull Test & Retainability | | | | | | 9/12/90 | WB |
| | I) Firing Pin Indent | .0225 | .023 | .0225 | | | 9/12/90 | WB |
| | J) Assemble Stock | | | | | | 9/12/90 | KA |
| | K) Assemble Swivel Studs | | | | | | 9/15/90 | [illegible] |
| | L) Attach Front and Rear Sight Assemblies | | | | | | 9/12/90 | KA |
| | M) Iron Sight Alignment | | | | | | 9/12/90 | KA |
| | N) Detach Front & Rear Sights & place in numbered container | | | | | | 9/12/90 | KA |
| | O) Attach Scope to Rifle | | | | | | 9/12/90 | KA |
| | P) Detach & Attach Scope 20 Times | | | | | | 9/12/90 | KA |
| 640 | Gallery Target & Test | | | | | | 9/14/90 | JF |
| | A) Time | | | | | | " | JF |
| | B) Malfunctions | | | | | | " | JF |
| | C) Pierced Primers | | | | | | " | JF |
| | D) Optical Clearity of Scope | | | | | | " | JF |
| 645 | Inspect for Live Ammo | | | | | | 9/14/90 | JF |
| 655 | Final Inspection A) Headspace | | | | | | 9/15/90 | [illegible] |
| | B) Trigger Pull | 2.07 | 2.24 | 2.23 | 2.18 | 2.27 | 9-15-9 | [illegible] |
| | C) Function | | | | | | 9/15/90 | [illegible] |
| 660 | Pack | | | | | | 9/15/90 | DH |

# SWS TRIGGER PULL TEST

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

SERIAL NO. C6522171
DATE 9/12/90
TESTER WB

| | 2.50# INITIAL | 2.50# AFTER 50 CYCLES | FINAL TEST & TO RESET 2.50# | | COMMENTS |
|---|---|---|---|---|---|
| PULL #1 | 2.40 | 2.38 | 2.48 | 2.07 | MIN. SETTING, |
| PULL #2 | 2.42 | 2.40 | 2.35 | 2.26 | NO AVG. OF 5 |
| PULL #3 | 2.31 | 2.45 | 2.36 | 2.23 | READINGS ACCEPT- |
| PULL #4 | 2.33 | 2.24 | 2.38 | 2.18 | ABLE LESS THAN 2# |
| PULL #5 | 2.31 | 2.33 | 2.35 | 2.27 | |
| TOTAL | 11.77 | 11.80 | 11.92 | 11.01 | |
| AVG. | 2.35 | 2.36 | 2.38 | 2.202 | |

| | 3.00# INITIAL | 3.00# AFTER 20 CYCLES | | COMMENTS |
|---|---|---|---|---|
| PULL #1 | 3.08 | 3.06 | | |
| PULL #2 | 3.04 | 3.03 | | |
| PULL #3 | 3.03 | 3.01 | | |
| PULL #4 | 3.00 | 3.00 | | |
| PULL #5 | 3.00 | 3.02 | | |
| TOTAL | 15.15 | 15.12 | | |
| AVG. | 3.03 | 3.02 | | |

| | 4.00# INITIAL | 4.00# AFTER 20 CYCLES | MAX SETTING GREATER THAN 4# | RESET TO 4# FOR TARGET & ACCURACY |
|---|---|---|---|---|
| PULL #1 | 4.08 | 4.03 | | 4.10 |
| PULL #2 | 4.03 | 4.00 | | 4.11 |
| PULL #3 | 4.03 | 3.90 | | 4.13 |
| PULL #4 | 4.02 | 3.85 | | 4.11 |
| PULL #5 | 4.01 | 3.90 | | 4.09 |
| TOTAL | 20.17 | 19.68 | | 20.54 |
| AVG. | 4.03 | 3.93 | | 4.11 |

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522171
14 Sep 1990

CENTROIDAL DISTANCES

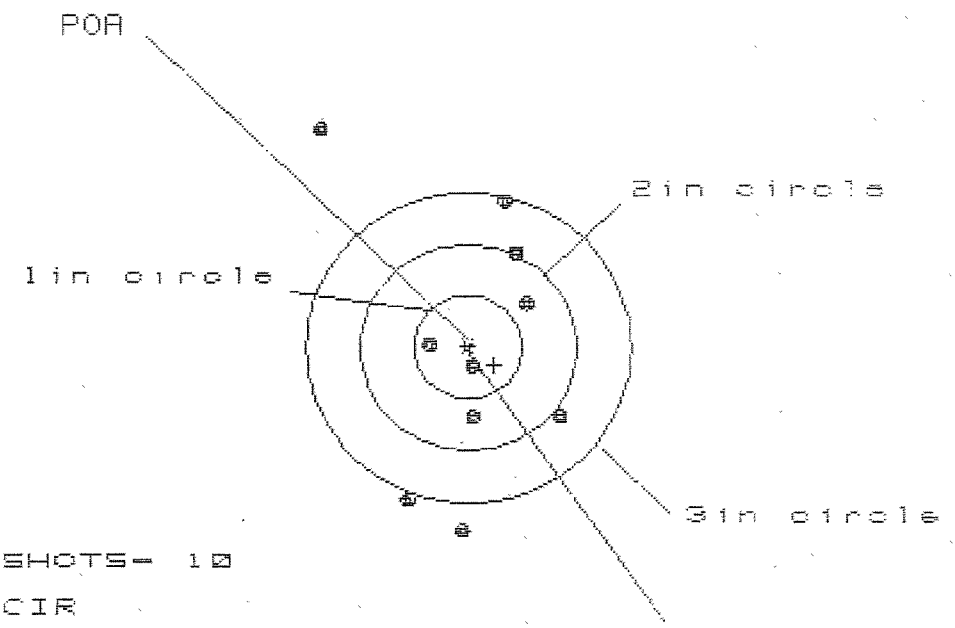
| | | | |
|---|---|---|---|
| 0 | TO | 1 | .296665 |
| 1 | TO | 2 | .384038 |
| 1 | TO | 3 | .342697 |
| 1 | TO | 4 | .362084 |
| 1 | TO | 5 | .232659 |


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0774
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0144
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0787281

THE AMR FOR THIS RIFLE IS: .9852

14 Sep 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6522171

# CENTERFIRE PATTERNS # 1

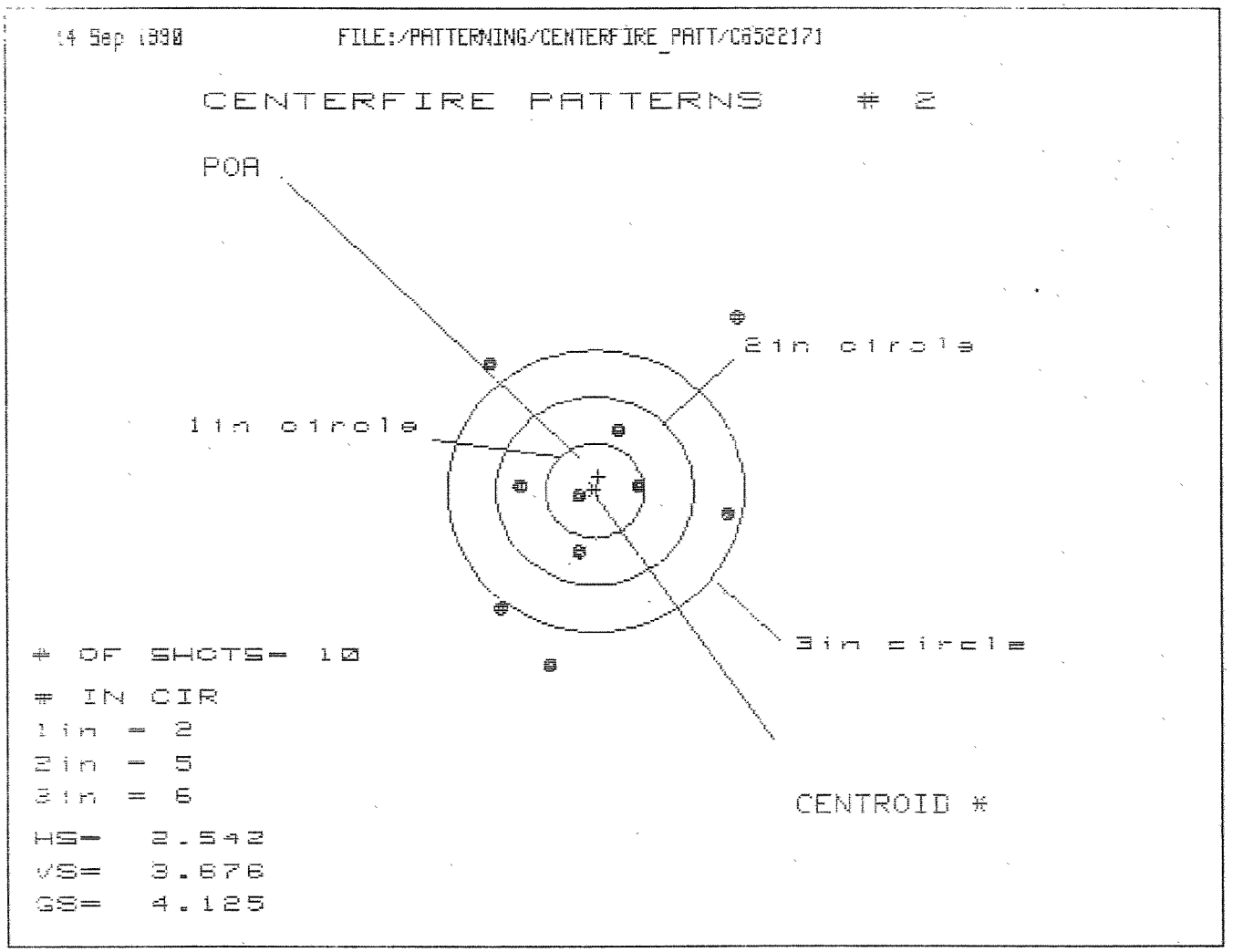



# OF SHOTS= 10

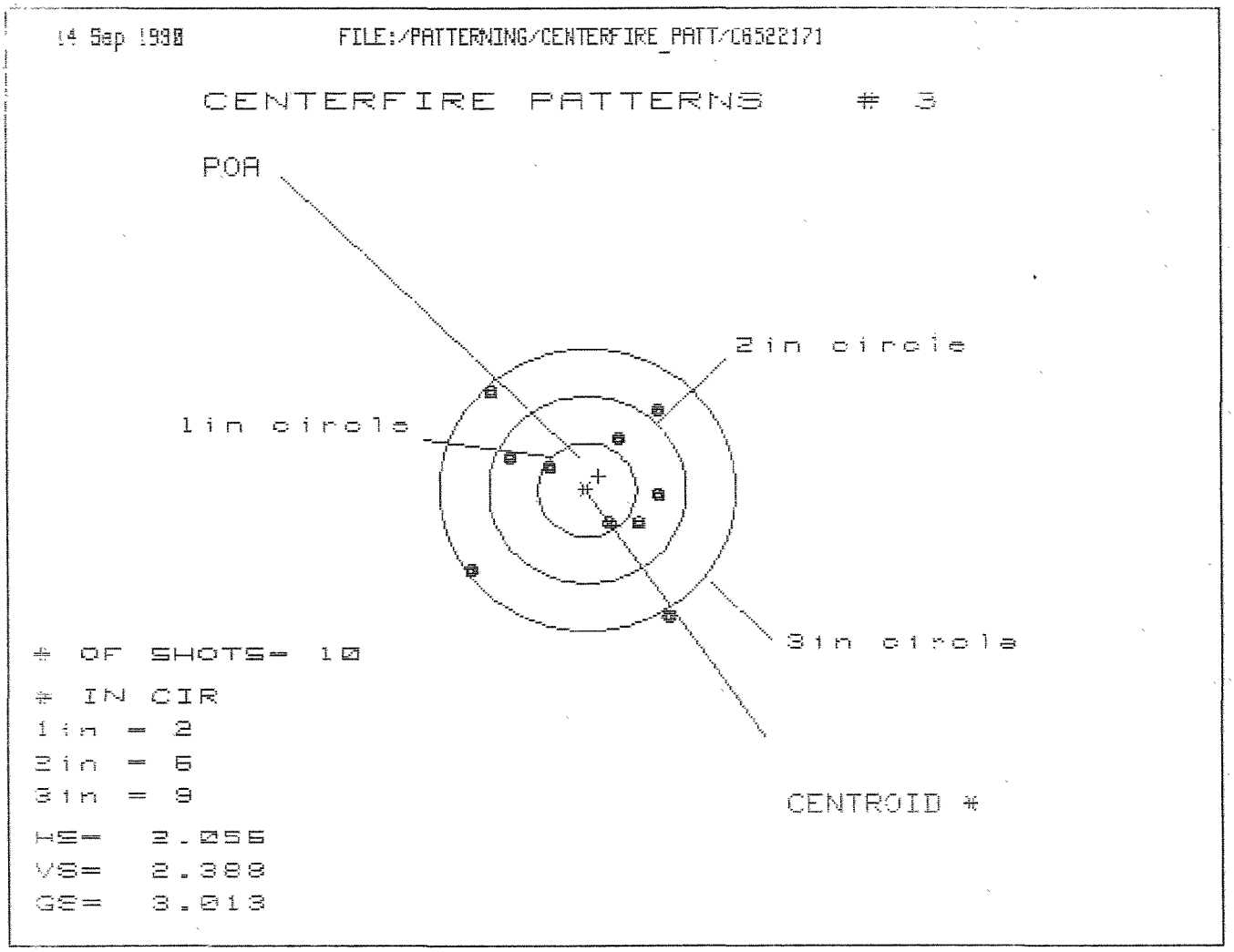
# IN CIR
1in = 2
2in = 4
3in = 6

HS= 2.180
VS= 3.885
GS= 4.093

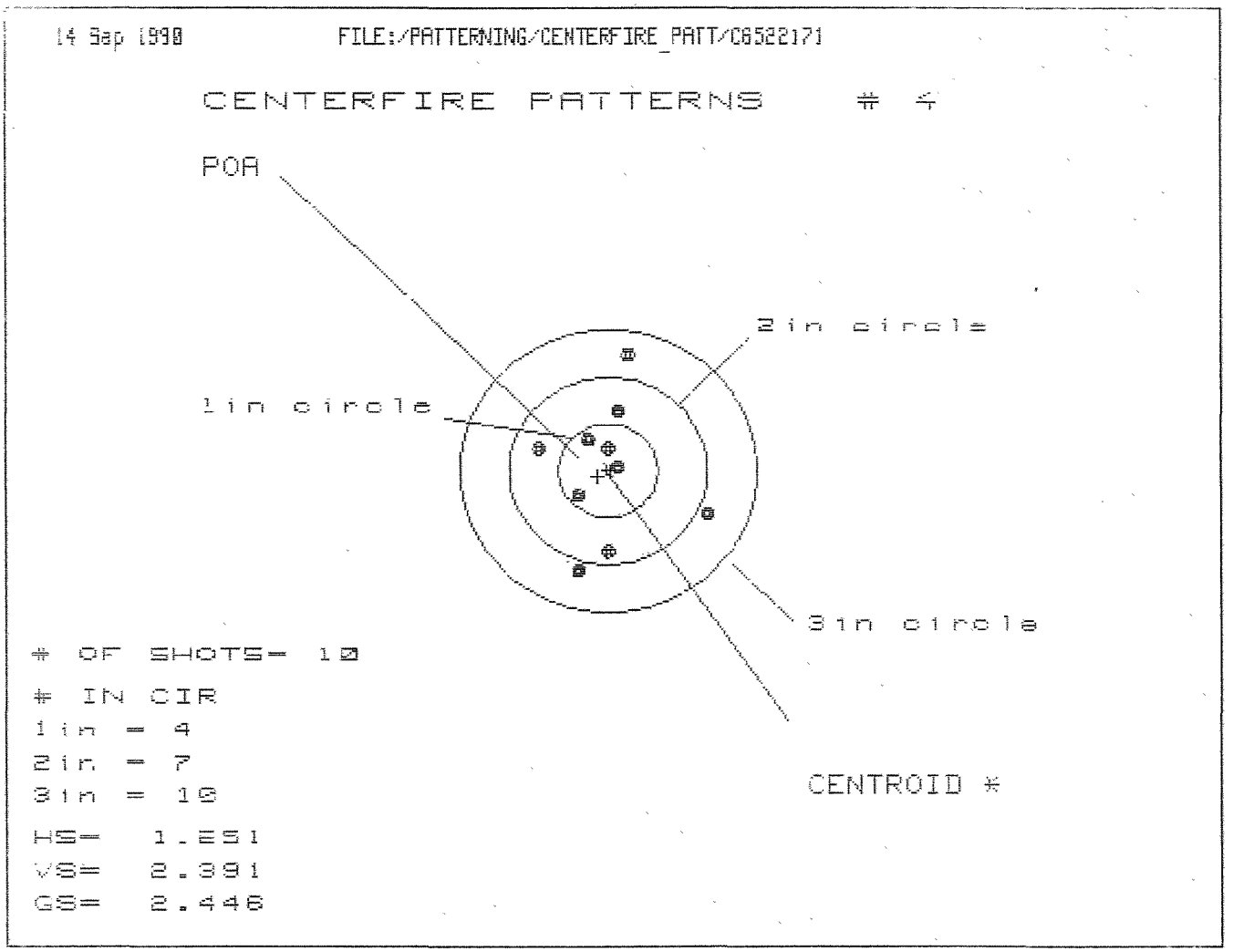
| PATTERN # | : | 1 | | |
|---|---|---|---|---|
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | .843 | .695 | .670 |
| MINIMUM X | : | -1.337 | -.695 | -.720 |
| MAXIMUM Y | : | 2.091 | 1.705 | 1.510 |
| MINIMUM Y | : | -1.794 | -1.562 | -1.467 |
| CENTROID X | : | -.241 | -.093 | -.068 |
| CENTROID Y | : | .173 | -.059 | .136 |
| POA TO CENTROID in. | : | .297 | .110 | .152 |
| MIN RADIUS | : | .214 | .132 | .235 |
| MEAN RADIUS | : | 1.135 | .952 | .874 |
| MAX RADIUS | : | 2.482 | 1.718 | 1.634 |
| HORIZONTAL SPREAD | : | 2.180 | 1.390 | 1.390 |
| VERTICAL SPREAD | : | 3.885 | 3.267 | 2.977 |
| EXTREME SPREAD | : | 4.093 | 3.292 | 3.111 |
| NUMBER IN ONE INCH CIRCLE | = | | 2 | |
| NUMBER IN TWO INCH CIRCLE | = | | 4 | |
| NUMBER IN THREE INCH CIRCLE | = | | 6 | |



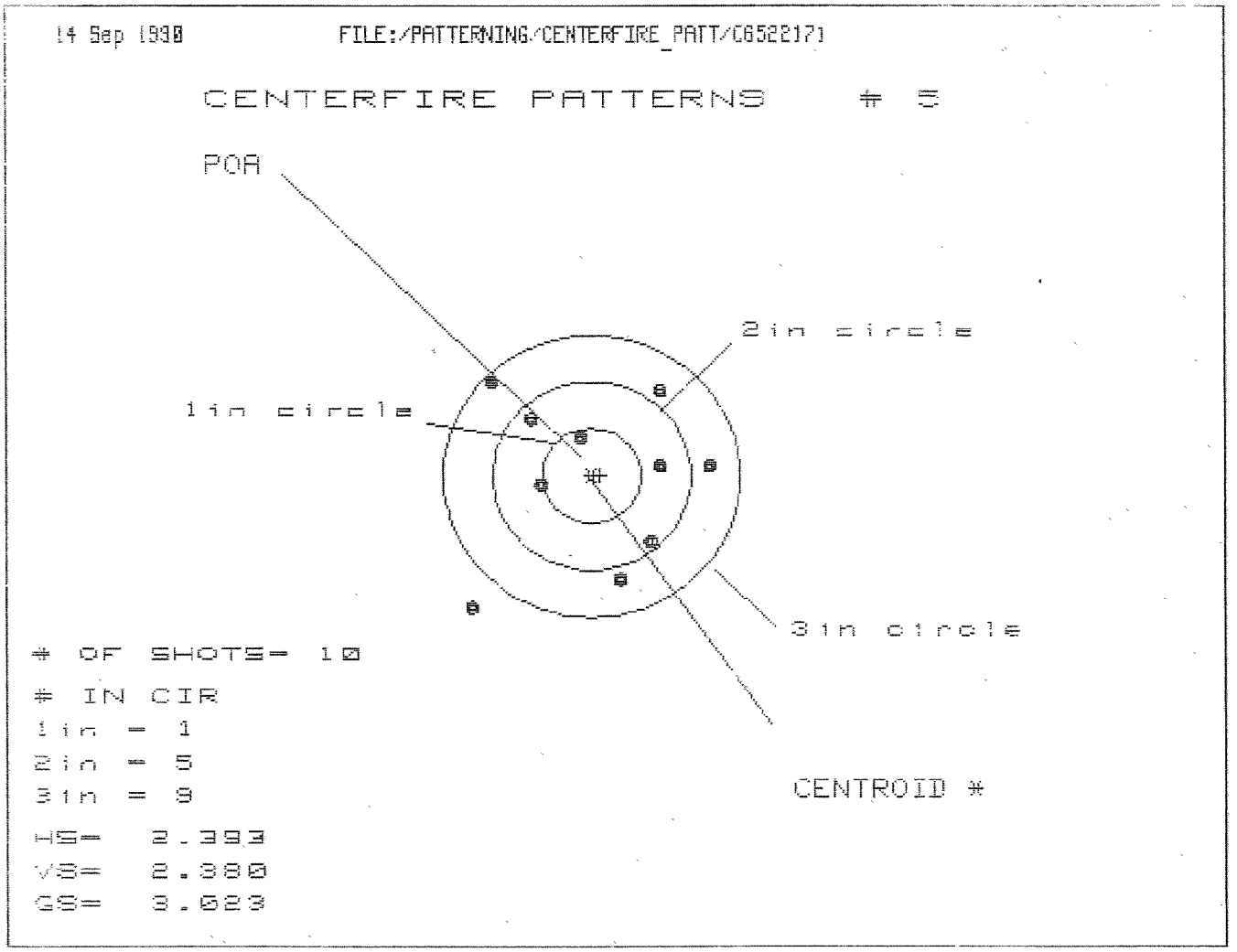

| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 2 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.450 | 1.540 | 1.507 |
| MINIMUM X | : | -1.092 | -.930 | -.963 |
| MAXIMUM Y | : | 1.841 | 1.519 | 1.316 |
| MINIMUM Y | : | -1.835 | -1.631 | -1.201 |
| CENTROID X | : | -.038 | -.200 | -.167 |
| CENTROID Y | : | -.153 | -.357 | -.154 |
| POA TO CENTROID in. | : | .158 | .409 | .227 |
| MIN RADIUS | : | .120 | .202 | .011 |
| MEAN RADIUS | : | 1.157 | 1.017 | .905 |
| MAX RADIUS | : | 2.344 | 1.782 | 1.630 |
| HORIZONTAL SPREAD | : | 2.542 | 2.470 | 2.470 |
| VERTICAL SPREAD | : | 3.676 | 3.150 | 2.517 |
| EXTREME SPREAD | : | 4.125 | 3.220 | 2.941 |
| NUMBER IN ONE INCH CIRCLE | = | | 2 | |
| NUMBER IN TWO INCH CIRCLE | = | | 5 | |
| NUMBER IN THREE INCH CIRCLE | = | | 6 | |




| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 3 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | .852 | .785 | .646 |
| MINIMUM X | : | -1.204 | -1.110 | -1.030 |
| MAXIMUM Y | : | 1.022 | .870 | .748 |
| MINIMUM Y | : | -1.366 | -.981 | -.650 |
| CENTROID X | : | -.121 | -.215 | -.077 |
| CENTROID Y | : | -.148 | .004 | .126 |
| POA TO CENTROID in. | : | .191 | .215 | .148 |
| MIN RADIUS | : | .423 | .275 | .407 |
| MEAN RADIUS | : | .925 | .839 | .742 |
| MAX RADIUS | : | 1.610 | 1.481 | 1.272 |
| HORIZONTAL SPREAD | : | 2.056 | 1.895 | 1.676 |
| VERTICAL SPREAD | : | 2.388 | 1.851 | 1.398 |
| EXTREME SPREAD | : | 3.013 | 2.511 | 2.062 |
| NUMBER IN ONE INCH CIRCLE | = | | 2 | |
| NUMBER IN TWO INCH CIRCLE | = | | 6 | |
| NUMBER IN THREE INCH CIRCLE | = | | 9 | |




| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 4 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | .960 | .987 | .955 |
| MINIMUM X | : | -.691 | -.664 | -.696 |
| MAXIMUM Y | : | 1.284 | .751 | .630 |
| MINIMUM Y | : | -1.107 | -.964 | -.794 |
| CENTROID X | : | .103 | .076 | .108 |
| CENTROID Y | : | .060 | -.083 | .038 |
| POA TO CENTROID in. | : | .119 | .113 | .114 |
| MIN RADIUS | : | .132 | .224 | .132 |
| MEAN RADIUS | : | .684 | .629 | .553 |
| MAX RADIUS | : | 1.306 | 1.045 | 1.062 |
| HORIZONTAL SPREAD | : | 1.651 | 1.651 | 1.651 |
| VERTICAL SPREAD | : | 2.391 | 1.715 | 1.424 |
| EXTREME SPREAD | : | 2.446 | 1.786 | 1.786 |
| NUMBER IN ONE INCH CIRCLE | = | | 4 | |
| NUMBER IN TWO INCH CIRCLE | = | | 7 | |
| NUMBER IN THREE INCH CIRCLE | = | | 10 | |




| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 5 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.160 | 1.023 | .882 |
| MINIMUM X | : | -1.233 | -1.126 | -.891 |
| MAXIMUM Y | : | 1.016 | .864 | .884 |
| MINIMUM Y | : | -1.364 | -1.226 | -1.118 |
| CENTROID X | : | -.090 | .047 | .186 |
| CENTROID Y | : | -.004 | .148 | .040 |
| POA TO CENTROID in. | : | .090 | .155 | .192 |
| MIN RADIUS | : | .459 | .379 | .407 |
| MEAN RADIUS | : | 1.025 | .911 | .837 |
| MAX RADIUS | : | 1.839 | 1.419 | 1.118 |
| HORIZONTAL SPREAD | : | 2.393 | 2.149 | 1.773 |
| VERTICAL SPREAD | : | 2.380 | 2.090 | 2.002 |
| EXTREME SPREAD | : | 3.023 | 2.445 | 2.054 |
| NUMBER IN ONE INCH CIRCLE | = | | 1 | |
| NUMBER IN TWO INCH CIRCLE | = | | 5 | |
| NUMBER IN THREE INCH CIRCLE | = | | 9 | |