G6300 547
Replace
C.622 5584

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: RE00120764
Verify Repair

Serial: G6300547 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:
Status: New 11/27/2006 12:50:33 PM

**Address Information**

| Customer: (Received From) | | Return To: (Received From) | |
|---|---|---|---|
| Name: | SFC KIRCHNER | | SFC KIRCHNER |
| Address 1: | HSC 1/7 SFG (A) | | HSC 1/7 SFG (A) |
| Address 2: | BLDG E-3622 JUST CAUSE DR | PO Box: | BLDG E-3622 JUST CAUSE DR PO Box: |
| City: | FORT BRAGG | | FORT BRAGG |
| State: | NC | Zip Code: 28310 Country: US | State: NC Zip Code: 28310 Country: US |

FFL:

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

**Contact Information**

Phone: NA
Fax:
Email:
Comments:

**Received Condition**

Fair
Condition Notes:
CSR Notes:

**Accessories Received**

| Code | Desc | Qty |
|---|---|---|
| A007 | With Stud | 3 |
| A010 | Hard Case | 1 |
| A045 | Bi Pod | 1 |
| A057 | Fit and Rear Sgt Base | 1 |
| D000 | MARS RAIL | 1 |

Repair Search | Refresh | Close

nagletj | 11/27/2006 | 1:35 PM | CAPS | NUM | INS | SCRL

start | 5 Mic... | 2 In... | 2 Mic... | Part5... | Arms S... | Stock... | 1:35 PM

Serial Number: G6300547

Model: M24 SWS

RE00120764

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300547.__0
FILE DATE AND TIME: 12/16/2006 05:22

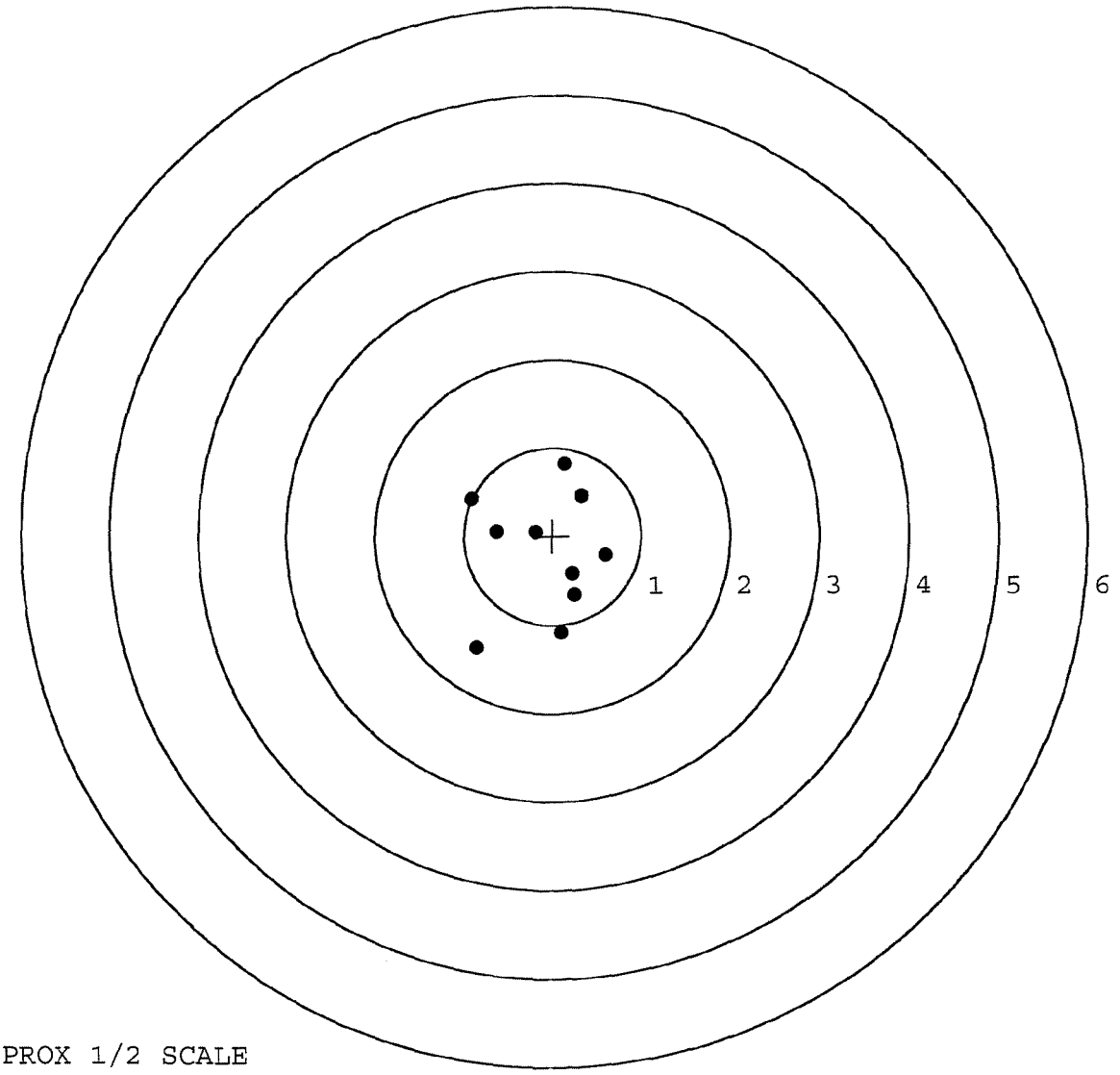
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

| | |
|---|---|
| The Average X Centroid of the Five Target Set: | 0.029 |
| The Average Y Centroid of the Five Target Set: | -0.035 |
| The Average Point of Impact of the Five Target Set: | 0.045 |
| The Average Mean Radius of the Five Target Set: | 0.590 |
| The Distance from POA to Centroid Target #1: | 0.211 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.212 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.246 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.275 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.256 |

SERIAL NUMBER: G6300547.__0
TARGET NUMBER: 1
FILE DATE: 12/16/2006
FILE TIME: 05:22

| | |
|---|---|
| X CENTROID: | -0.096 |
| Y CENTROID: | -0.187 |
| POA TO CENTROID: | 0.211 |
| HORZ SPREAD: | 1.515 |
| VERT SPREAD: | 2.086 |
| GROUP SPREAD: | 2.310 |
| MIN RADIUS: | 0.253 |
| MAX RADIUS: | 1.318 |
| MEAN RADIUS: | 0.759 |
| # IN 1 IN DIAMETER: | 2 |
| # IN 2 IN DIAMETER: | 7 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | -0.854 | -1.266 |
| 2: | 0.104 | -1.090 |
| 3: | 0.253 | -0.662 |
| 4: | 0.224 | -0.420 |
| 5: | 0.598 | -0.221 |
| 6: | 0.138 | 0.820 |
| 7: | 0.325 | 0.454 |
| 8: | -0.200 | 0.044 |
| 9: | -0.636 | 0.053 |
| 10: | -0.917 | 0.415 |

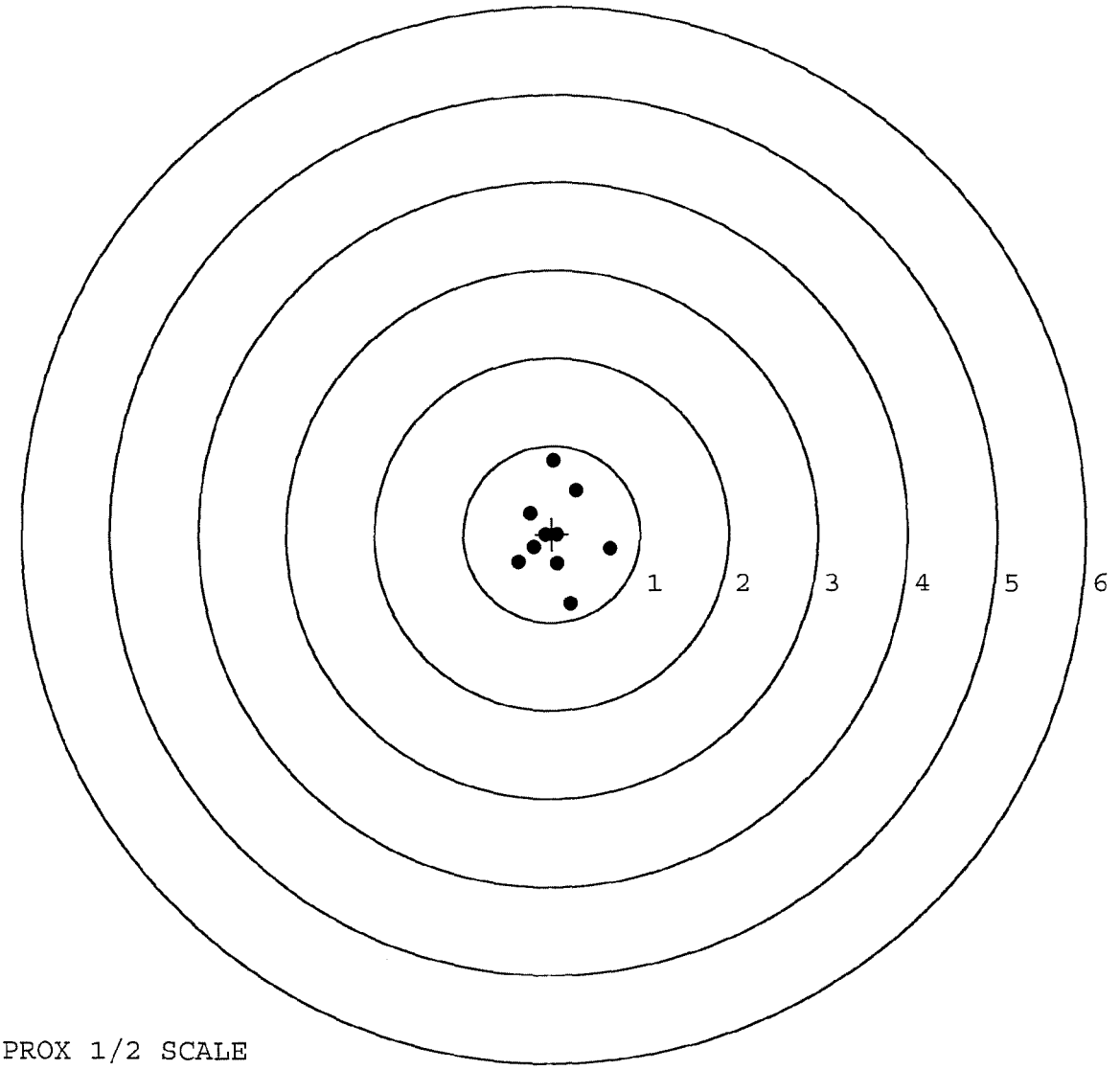



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300547.__0
TARGET NUMBER: 2
FILE DATE: 12/16/2006
FILE TIME: 05:22

| | |
|---|---|
| X CENTROID: | 0.039 |
| Y CENTROID: | -0.024 |
| POA TO CENTROID: | 0.046 |
| HORZ SPREAD: | 1.042 |
| VERT SPREAD: | 1.628 |
| GROUP SPREAD: | 1.640 |
| MIN RADIUS: | 0.023 |
| MAX RADIUS: | 0.857 |
| MEAN RADIUS: | 0.449 |
| # IN 1 IN DIAMETER: | 5 |
| # IN 2 IN DIAMETER: | 10 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.217 | -0.795 |
| 2: | 0.665 | -0.173 |
| 3: | 0.267 | 0.499 |
| 4: | 0.017 | 0.833 |
| 5: | 0.063 | -0.340 |
| 6: | -0.377 | -0.324 |
| 7: | 0.059 | -0.012 |
| 8: | -0.243 | 0.233 |
| 9: | -0.201 | -0.153 |
| 10: | -0.079 | -0.008 |

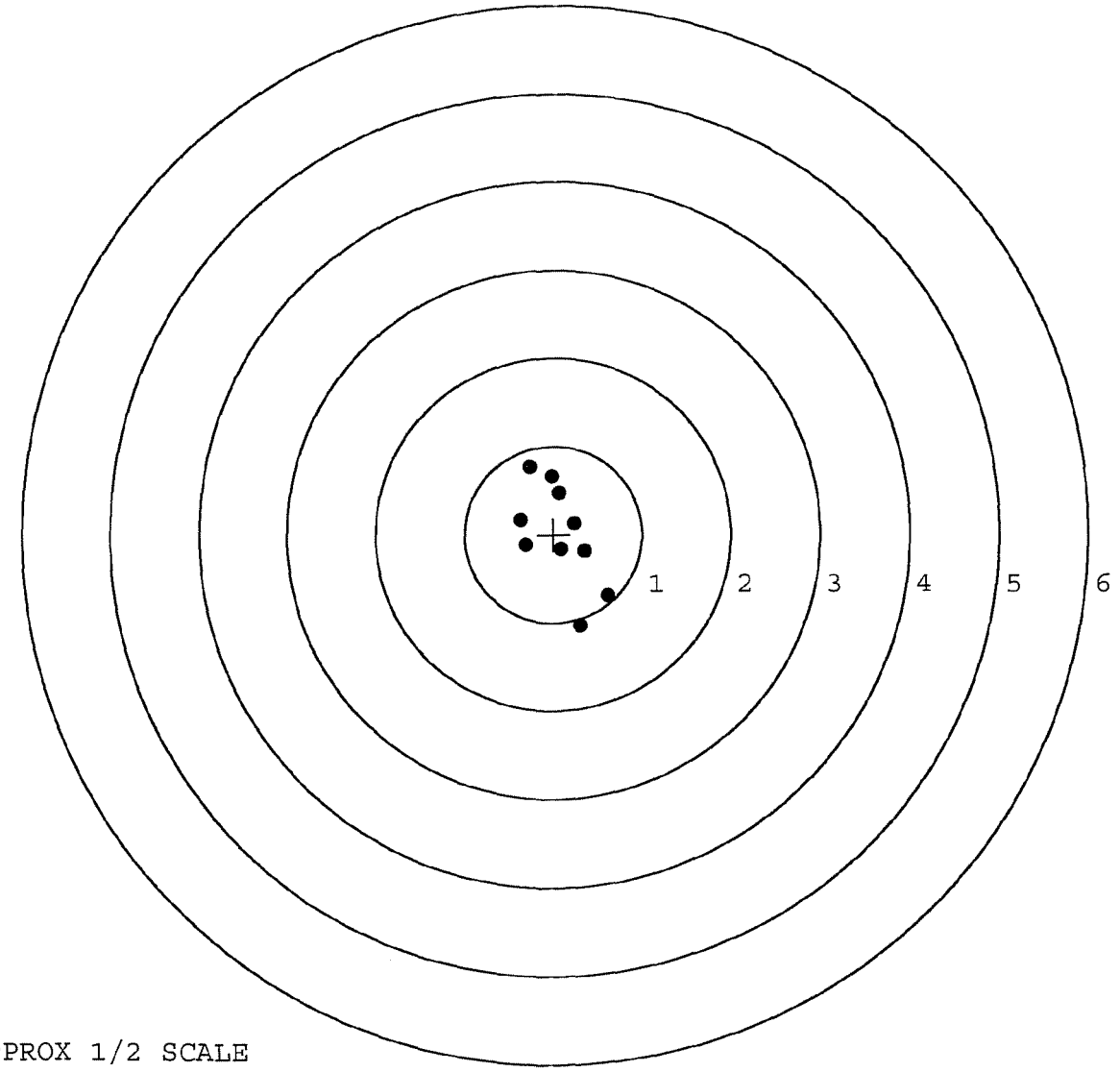



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300547.__0
TARGET NUMBER: 3
FILE DATE: 12/16/2006
FILE TIME: 05:22

| | |
|---|---|
| X CENTROID: | 0.068 |
| Y CENTROID: | -0.004 |
| POA TO CENTROID: | 0.068 |
| HORZ SPREAD: | 0.988 |
| VERT SPREAD: | 1.797 |
| GROUP SPREAD: | 1.887 |
| MIN RADIUS: | 0.167 |
| MAX RADIUS: | 1.058 |
| MEAN RADIUS: | 0.551 |
| # IN 1 IN DIAMETER: | 6 |
| # IN 2 IN DIAMETER: | 9 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.308 | -1.035 |
| 2: | 0.615 | -0.695 |
| 3: | -0.268 | 0.762 |
| 4: | -0.023 | 0.656 |
| 5: | 0.060 | 0.473 |
| 6: | 0.237 | 0.123 |
| 7: | 0.354 | -0.191 |
| 8: | 0.083 | -0.170 |
| 9: | -0.311 | -0.126 |
| 10: | -0.373 | 0.162 |

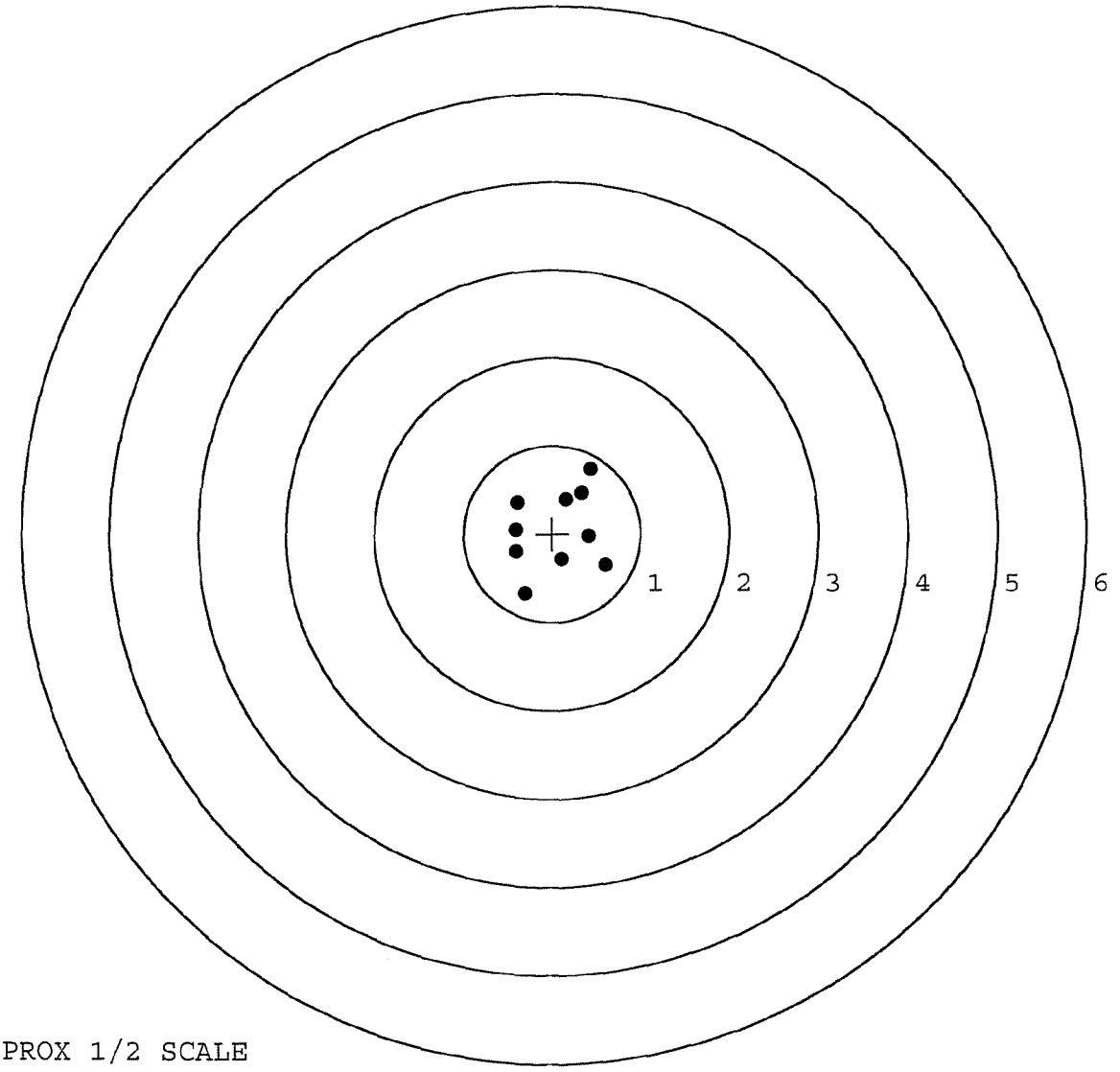



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300547.__0
TARGET NUMBER: 4
FILE DATE: 12/16/2006
FILE TIME: 05:22

| | |
|---|---|
| X CENTROID: | 0.054 |
| Y CENTROID: | 0.043 |
| POA TO CENTROID: | 0.069 |
| HORZ SPREAD: | 1.016 |
| VERT SPREAD: | 1.415 |
| GROUP SPREAD: | 1.596 |
| MIN RADIUS: | 0.339 |
| MAX RADIUS: | 0.809 |
| MEAN RADIUS: | 0.537 |
| # IN 1 IN DIAMETER: | 4 |
| # IN 2 IN DIAMETER: | 10 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | -0.306 | -0.682 |
| 2: | 0.605 | -0.359 |
| 3: | 0.112 | -0.291 |
| 4: | 0.408 | -0.027 |
| 5: | 0.159 | 0.388 |
| 6: | 0.336 | 0.463 |
| 7: | 0.433 | 0.733 |
| 8: | -0.391 | 0.356 |
| 9: | -0.411 | 0.050 |
| 10: | -0.401 | -0.204 |

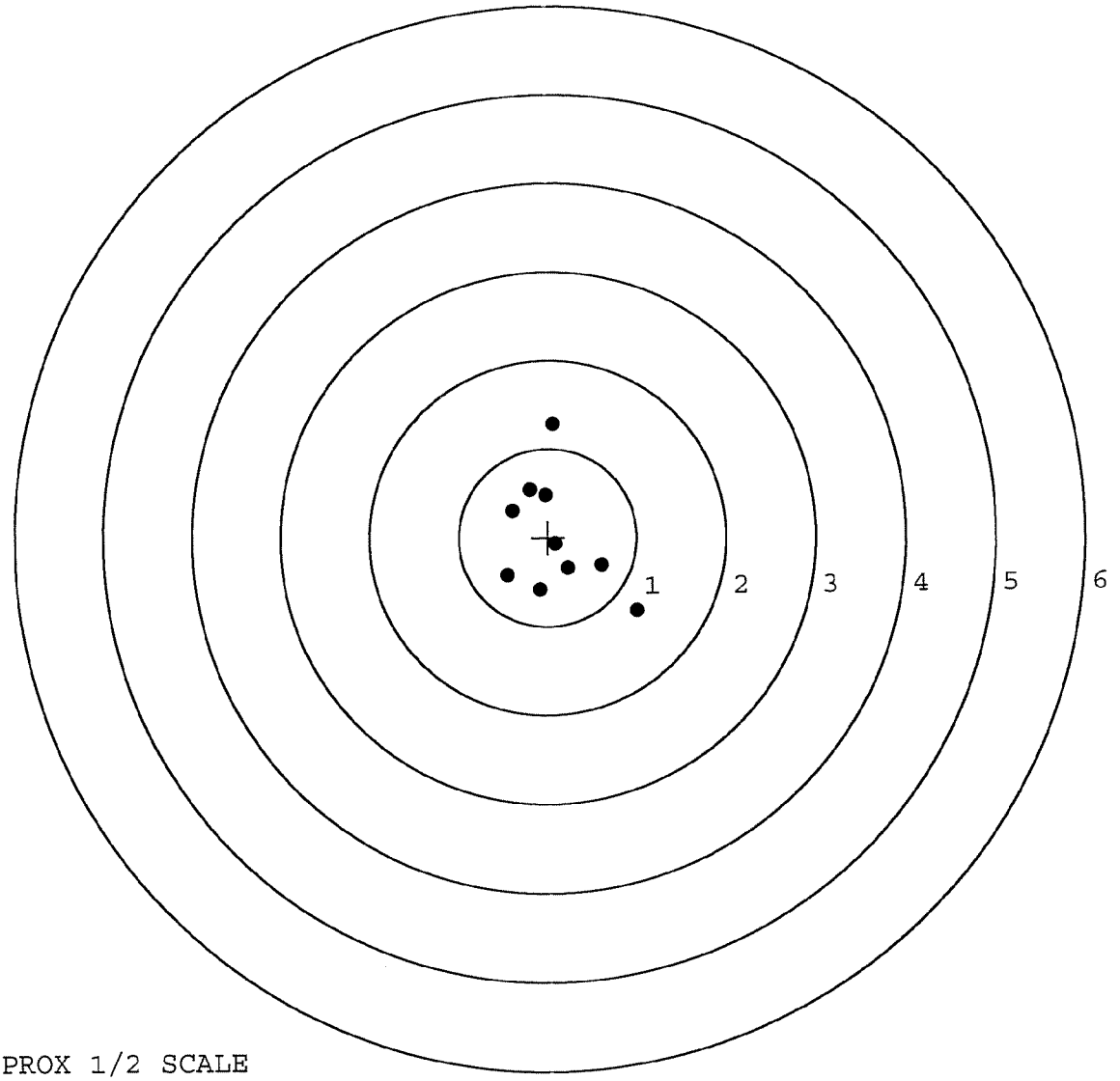



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300547.__0
TARGET NUMBER: 5
FILE DATE: 12/16/2006
FILE TIME: 05:22

| | |
|---|---|
| X CENTROID: | 0.078 |
| Y CENTROID: | 0.000 |
| POA TO CENTROID: | 0.078 |
| HORZ SPREAD: | 1.451 |
| VERT SPREAD: | 2.116 |
| GROUP SPREAD: | 2.313 |
| MIN RADIUS: | 0.076 |
| MAX RADIUS: | 1.278 |
| MEAN RADIUS: | 0.654 |
| # IN 1 IN DIAMETER: | 3 |
| # IN 2 IN DIAMETER: | 8 |
| # in 3 IN DIAMETER: | 10 |

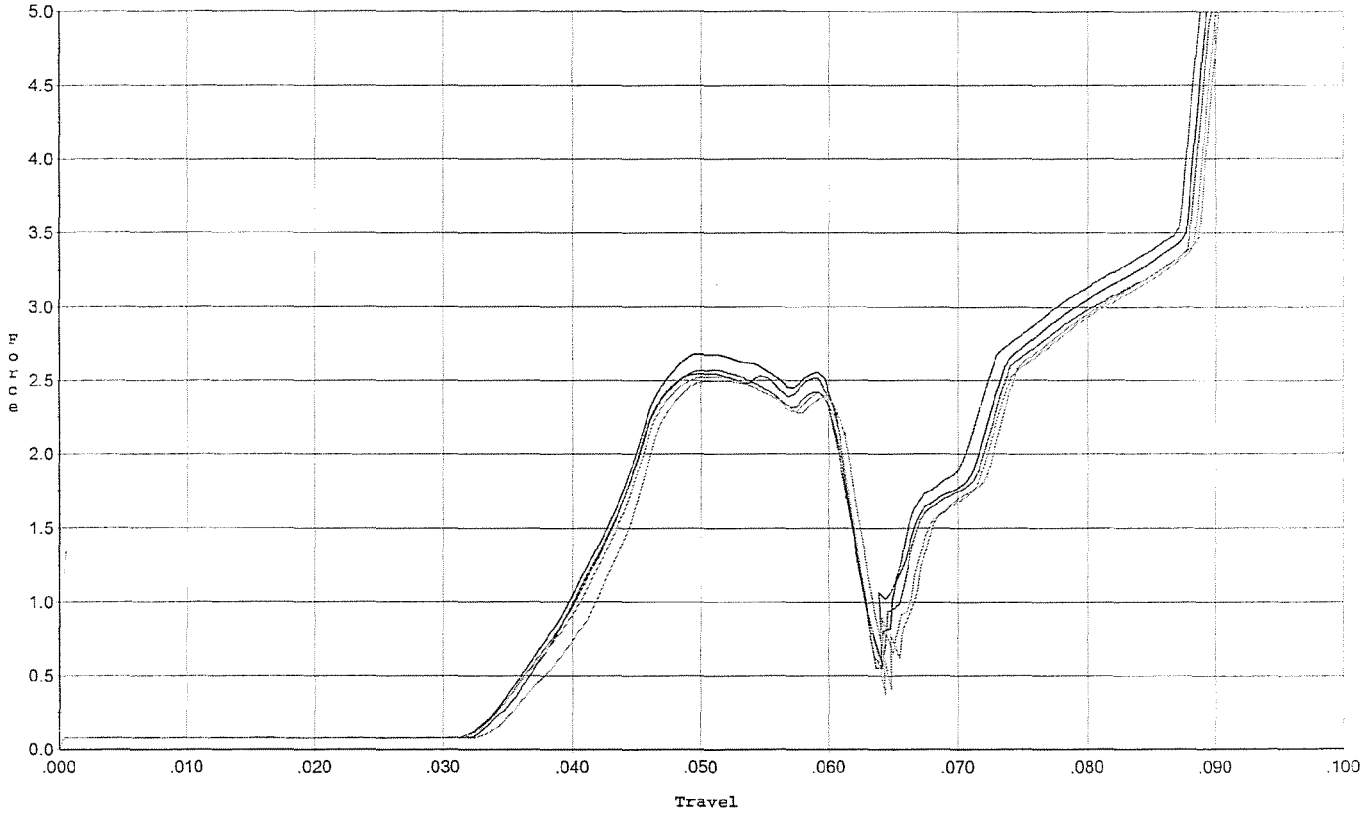
| POINT# | X | Y |
|---|---|---|
| 1: | 0.061 | 1.278 |
| 2: | -0.030 | 0.474 |
| 3: | -0.205 | 0.539 |
| 4: | -0.395 | 0.305 |
| 5: | -0.456 | -0.424 |
| 6: | 0.995 | -0.838 |
| 7: | 0.600 | -0.317 |
| 8: | -0.096 | -0.590 |
| 9: | 0.220 | -0.352 |
| 10: | 0.084 | -0.076 |




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. |
| Note: | R. Putch 11/15/06 | | |



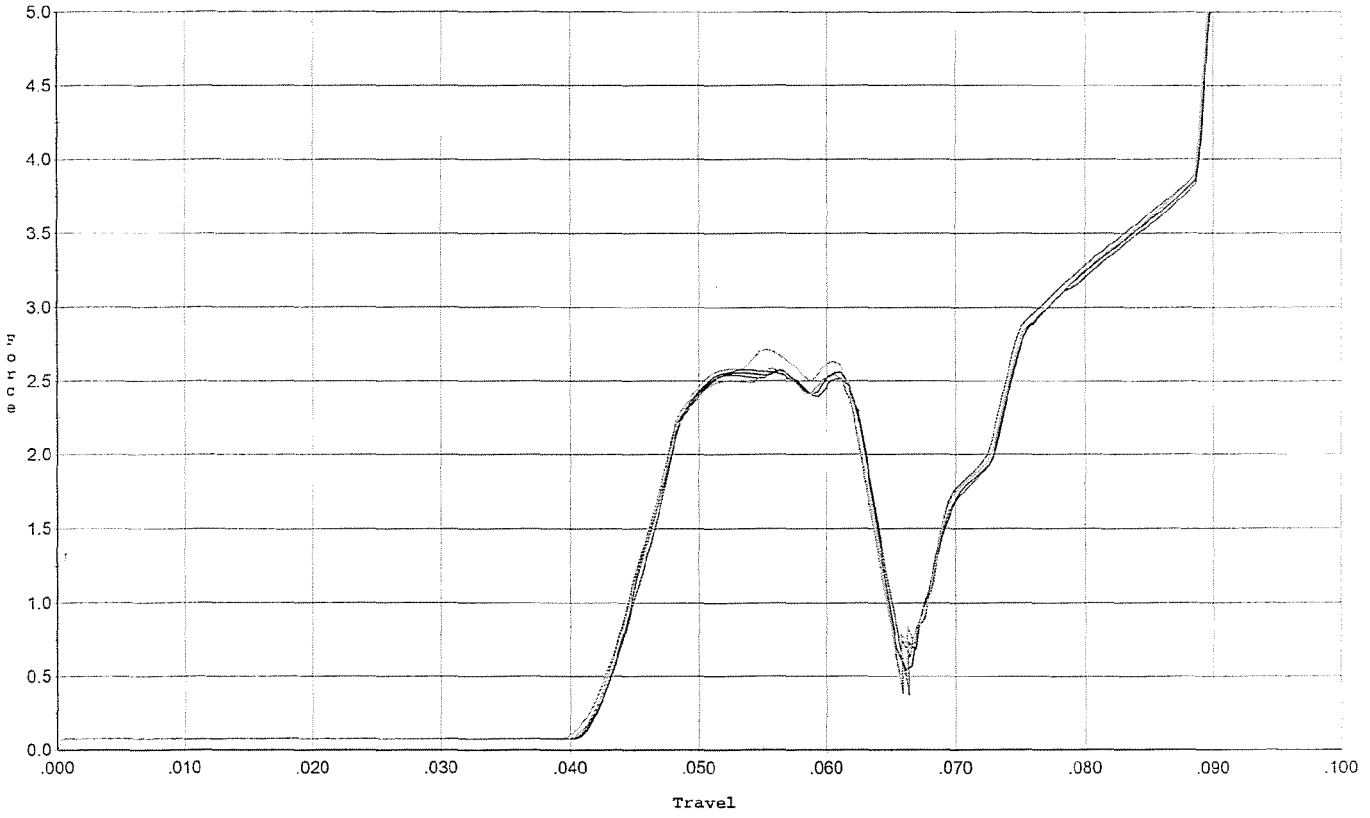

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 2.549 | 0.061 | 0.036 | 0.035 | 0.053 | | Set Trigger |
| 2 | 2.680 | 0.061 | 0.037 | 0.035 | 0.055 | | Set Trigger |
| 3 | 2.575 | 0.061 | 0.039 | 0.035 | 0.053 | | Set Trigger |
| 4 | 2.525 | 0.061 | 0.041 | 0.036 | 0.052 | | Set Trigger |
| 5 | 2.499 | 0.061 | 0.041 | 0.036 | 0.050 | | Set Trigger |

Avg 2.56

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/15/2006 11:44:20 AM

## Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| **Profile** | SWS | **Model:** | M/24 |
| **GunType:** | Rifle | **Serial No:** | Form #F005 |
| **Make:** | Remington | **Trigger:** | 2.5 lbs. after 50 cycles |
| **Note:** | R. Putch 11/15/06 | | |



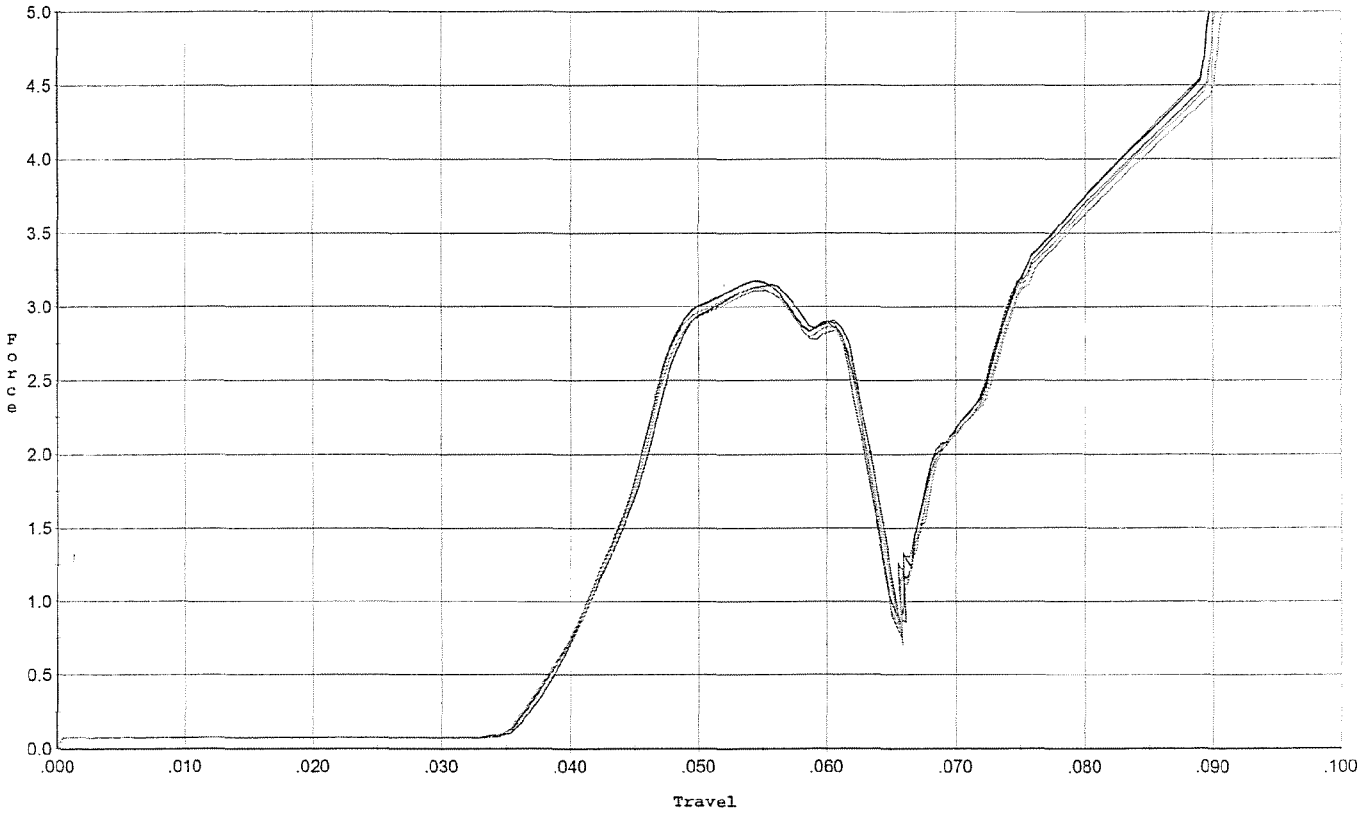

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 2.579 | 0.063 | 0.042 | 0.034 | 0.047 | | Set Trigger |
| 2 | 2.571 | 0.063 | 0.042 | 0.034 | 0.048 | | Set Trigger |
| 3 | 2.579 | 0.062 | 0.042 | 0.034 | 0.047 | | Set Trigger |
| 4 | 2.586 | 0.062 | 0.042 | 0.034 | 0.047 | | Set Trigger |
| 5 | 2.716 | 0.063 | 0.042 | 0.034 | 0.050 | | Set Trigger |

Avg 2.60

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/15/2006 11:47:20 AM

## Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| **Profile** | SWS | **Model:** | M/24 |
| **GunType:** | Rifle | **Serial No:** | Form #F005 |
| **Make:** | Remington | **Trigger:** | 3.0 lbs. ini. |
| **Note:** | R. Putch 11/15/06 | | |



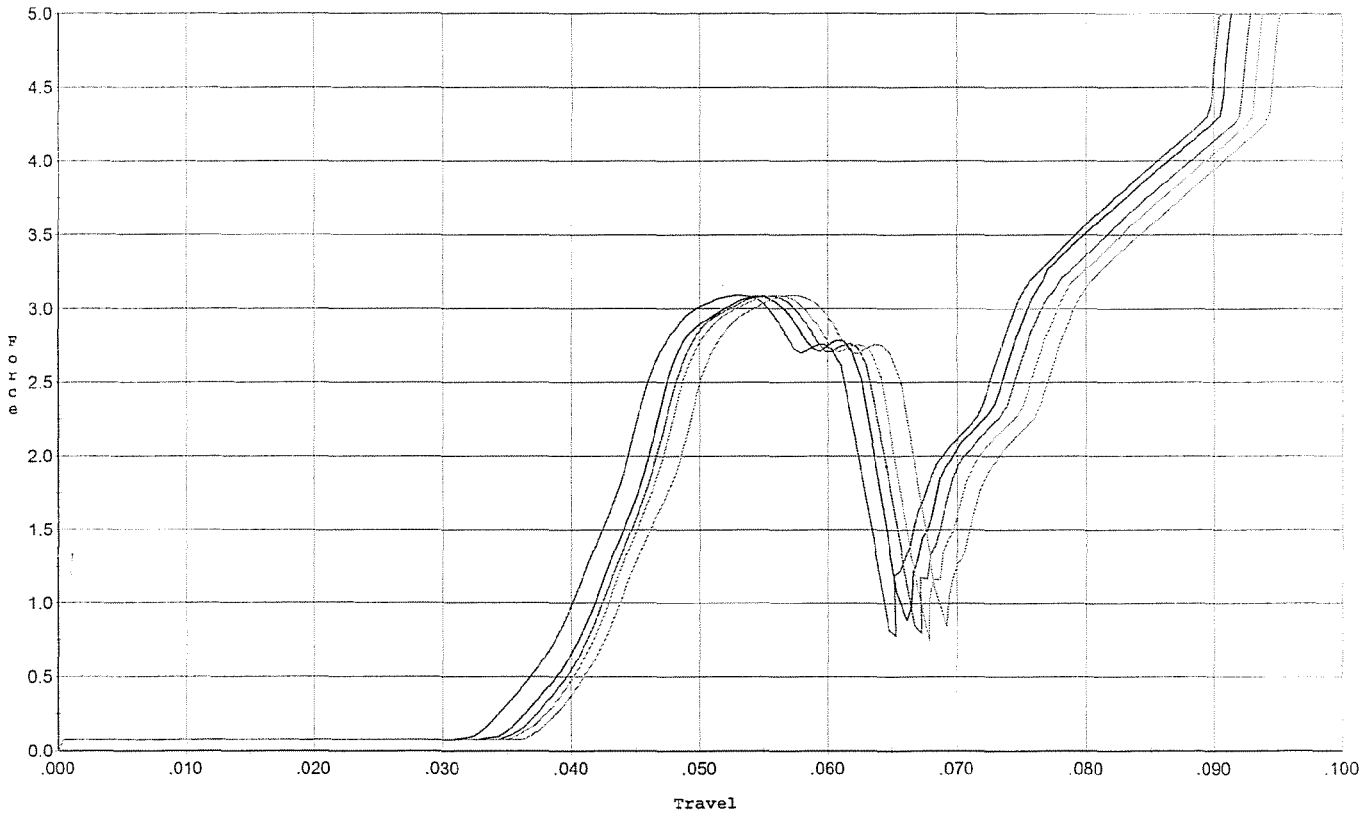

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 3.150 | 0.063 | 0.038 | 0.033 | 0.062 | | Set Trigger |
| 2 | 3.171 | 0.062 | 0.038 | 0.034 | 0.062 | | Set Trigger |
| 3 | 3.175 | 0.063 | 0.038 | 0.034 | 0.062 | | Set Trigger |
| 4 | 3.126 | 0.062 | 0.038 | 0.034 | 0.062 | | Set Trigger |
| 5 | 3.111 | 0.062 | 0.037 | 0.035 | 0.061 | | Set Trigger |

AVG 3.14

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/15/2006 12:39:27 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 |
| **Note:** | R. Putch 11/15/06 | | |



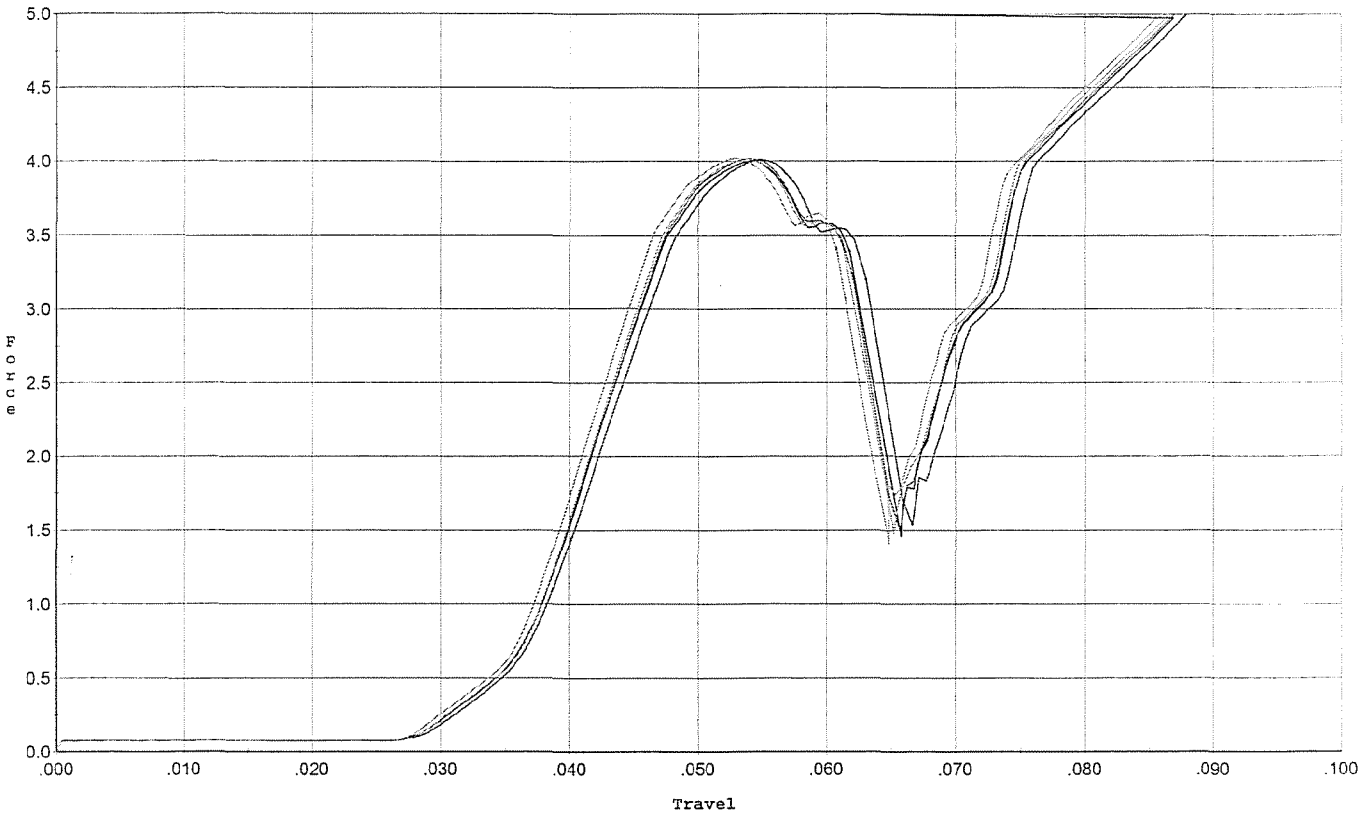

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 3.089 | 0.063 | 0.038 | 0.035 | 0.063 | | Set Trigger |
| 2 | 3.082 | 0.063 | 0.040 | 0.035 | 0.061 | | Set Trigger |
| 3 | 3.085 | 0.065 | 0.040 | 0.036 | 0.063 | | Set Trigger |
| 4 | 3.089 | 0.064 | 0.040 | 0.036 | 0.062 | | Set Trigger |
| 5 | 3.091 | 0.066 | 0.041 | 0.036 | 0.063 | | Set Trigger |

Avg 3.08

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/15/2006 12:41:40 PM

# Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| **Profile** | SWS | **Model:** | M/24 |
| **GunType:** | Rifle | **Serial No:** | Form #F005 |
| **Make:** | Remington | **Trigger:** | 4.0 lbs. ini. |
| **Note:** | R. Putch 11/15/06 | | |



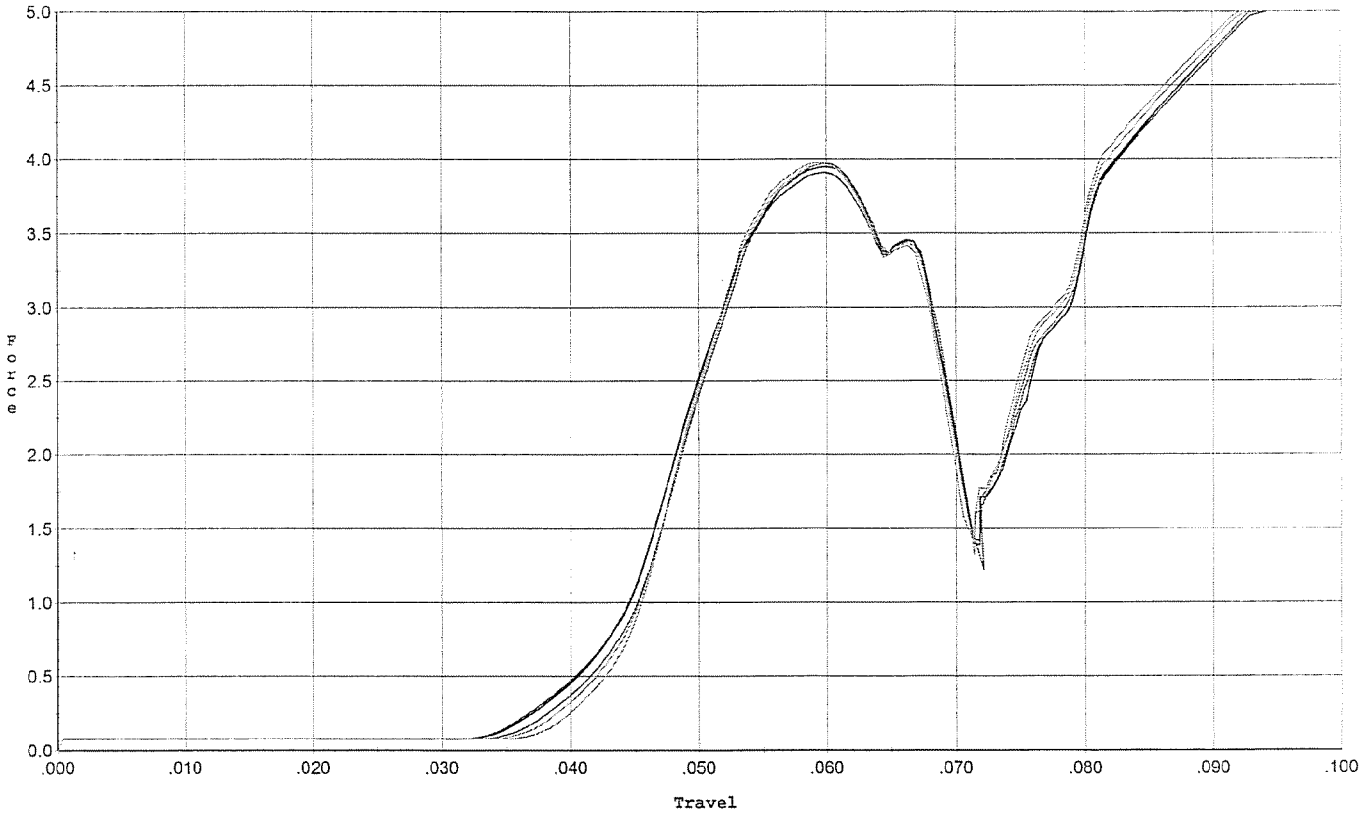

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 4.009 | 0.063 | 0.037 | 0.031 | 0.087 | | Set Trigger |
| 2 | 3.999 | 0.062 | 0.036 | 0.031 | 0.085 | | Set Trigger |
| 3 | 4.018 | 0.062 | 0.036 | 0.031 | 0.085 | | Set Trigger |
| 4 | 4.015 | 0.063 | 0.036 | 0.030 | 0.087 | | Set Trigger |
| 5 | 4.020 | 0.061 | 0.036 | 0.031 | 0.084 | | Set Trigger |

Avg 4.01

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/15/2006 12:46:12 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 |
| **Note:** | R. Putch 11/15/06 | | |

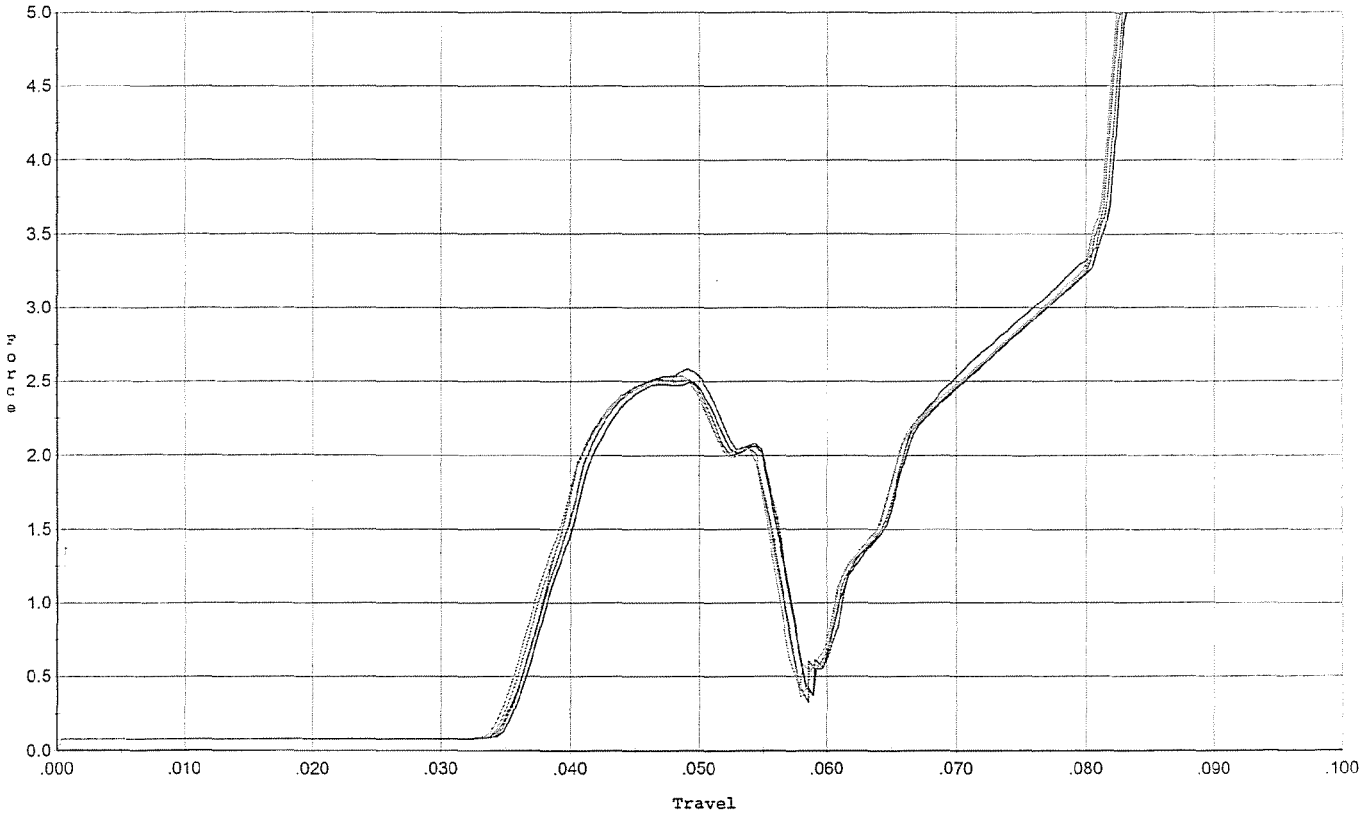



| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 3.908 | 0.069 | 0.044 | 0.031 | 0.084 | | Set Trigger |
| 2 | 3.949 | 0.069 | 0.044 | 0.031 | 0.084 | | Set Trigger |
| 3 | 3.970 | 0.069 | 0.044 | 0.031 | 0.082 | | Set Trigger |
| 4 | 3.967 | 0.068 | 0.044 | 0.031 | 0.080 | | Set Trigger |
| 5 | 3.975 | 0.068 | 0.044 | 0.031 | 0.080 | | Set Trigger |

Avg 3.95

## Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| **Profile** | SWS | **Model:** | M/24 |
| **GunType:** | Rifle | **Serial No:** | Form #F005 |
| **Make:** | Remington | **Trigger:** | reset to 2.5 lbs. for final test |
| **Note:** | R. Putch 11/15/06 | | |



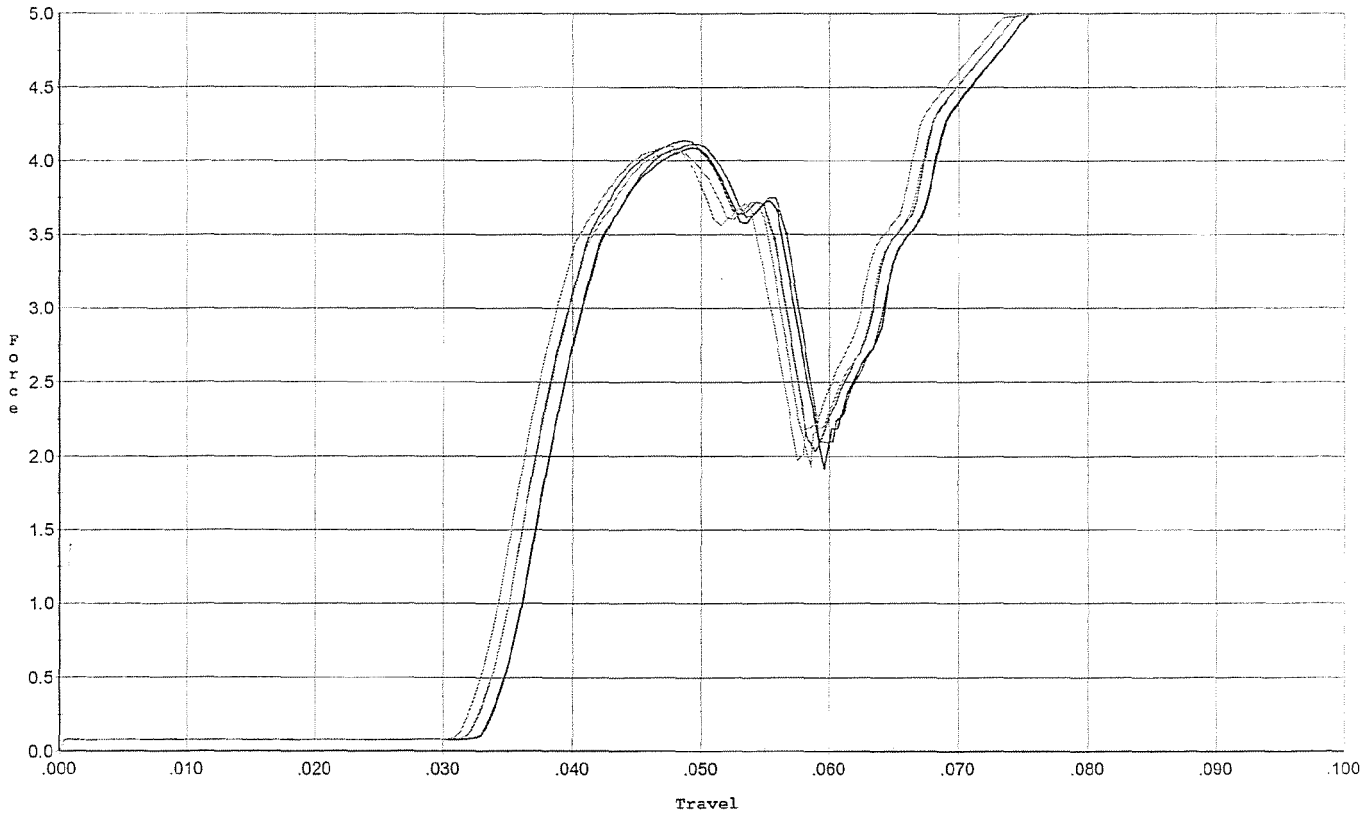

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 2.585 | 0.056 | 0.035 | 0.034 | 0.044 | | Set Trigger |
| 2 | 2.494 | 0.056 | 0.035 | 0.035 | 0.043 | | Set Trigger |
| 3 | 2.514 | 0.056 | 0.035 | 0.035 | 0.043 | | Set Trigger |
| 4 | 2.515 | 0.056 | 0.035 | 0.034 | 0.043 | | Set Trigger |
| 5 | 2.537 | 0.055 | 0.034 | 0.035 | 0.042 | | Set Trigger |

Avg 2.52

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/15/2006 1:03:12 PM

## Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| **Profile** | SWS | **Model:** | M/24 |
| **GunType:** | Rifle | **Serial No:** | Form #F005 |
| **Make:** | Remington | **Trigger:** | set to 4.0 lbs. for target & accuracy |
| **Note:** | R. Putch 11/15/06 | | |




| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 4.113 | 0.057 | 0.034 | 0.029 | 0.077 | | Set Trigger |
| 2 | 4.088 | 0.056 | 0.033 | 0.030 | 0.075 | | Set Trigger |
| 3 | 4.140 | 0.056 | 0.033 | 0.029 | 0.077 | | Set Trigger |
| 4 | 4.063 | 0.055 | 0.032 | 0.030 | 0.075 | | Set Trigger |
| 5 | 4.093 | 0.056 | 0.032 | 0.029 | 0.077 | | Set Trigger |

Avg 4.09

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/15/2006 1:09:17 PM

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

| | |
|---|---|
| R & E NUMBER | 120764 |
| SERIAL NUMBER | C663005547 |
| LOG-IN DATE | 11-27-06 |

| OPERATION # | OPERATION NAME | | DATE | INITIAL |
|---|---|---|---|---|
| 500 | DIS-ASSEMBLE GUN | | 11-29-06 | RTC |
| 505 | RE-BARREL | | 11-30-06 | RTC |
| 420 | ASSEMBLE | | 12-4-06 | RTC |
| 440 | PROOF | MAGNA-FLUX INSPECTED DEC 05 2006 | 12-4-06 | TKW |
| 460 | CHECK HEADSPACE | | 12-4-06 | TKW |
| 470 | DIS-ASSEMBLE GUN | | 12-4-06 | BLC |
| 480 | MAGNAFLUX | OPERATOR APD | 12-5-06 | APD |
| 510 | DRILL AND TAP | | 12-4-06 | SD |
| 500 | ROLLMARK CALIBER | | 12-5-06 | CW |
| 520 | GOFF BLAST BBL / REC | | 12/5/06 | RC |
| 530 & 540 | APPLY COATINGS | | 12/5/06 | TKS |
| 560 | FINAL ASSEMBLY | | 12-14-06 | RTC |
| 640 | FUNCTION TEST AND | (PASS) FAIL | 12-15-06 | TKW |
| 650 | TARGET | (PASS) FAIL | 12-15-06 | TKW |
| | MALFUNCTION | CORRECTION | | |
| | MALFUNCTION | CORRECTION N/A | | |
| | MALFUNCTION | CORRECTION | | |
| | MALFUNCTION | CORRECTION | 12-15-06 | DK |
| 670 | FINAL INSPECTION | | | |
| | A) HEADSPACE | (PASS) FAIL | 12-18-06 | BLC |
| | B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS) | 2.78 2.89 2.85 2.71 2.60 | 12-16-06 | DA |
| 680 | F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX) | 6# 6# 6# | 12-16-06 | DA |
| | G) SAFETY OFF FORCE (2 LBS MIN) | 4# 4# 4# | 12-16-06 | DA |
| | I) FIRING PIN INDENT (.020) | .021 .022 .022 | 12-16-06 | DA |
| 690 | PACK | | 12-19-06 | DA |

F006 REV 5/2006

# FINAL INSPECTION CHECKLIST

## BARREL ASSEMBLY

_____ BARREL

_____ RECEIVER

_____ FRONT SIGHT BASE

_____ REAR SIGHT BASE

_____ SCREWS

_____ FINISH

## SCOPE ASSEMBLY

_____ SCOPE

_____ SCOPE RINGS

_____ MOUNTING SCREWS

_____ MOUNTING BASE

_____ SCREWS

_____ FINISH

_____ CLARITY

## STOCK ASSEMBLY

_____ STOCK

_____ SLING SWIVEL STUDS

_____

_____ BUTT PATE

_____ LOCK NUTS

_____ BARREL CLEARANCE

_____ COLOR / FINISH

## SYSTEM CASE

_____ SCOPE CASE

_____ IRON SIGHTS

_____ DEPLOYMENT KIT

## TRIGGER ASSEMBLY

_____ SAFETY OPERATION

_____ RE-SET TO FACTORY SPECS

COMMENTS: _____

F006 REV 5/2006

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

Repair Number: RE00079560
Verify Repair
Serial: C6225584 Model M24 SWS Center Fire
Caliber: 7.62 NATO
Repairman:
Status: Closed 4/2/2004 12:54:08 PM

**Address Information**

| Customer: | Received From | Return To: | Received From |
|---|---|---|---|
| Name: | B CO 1/7 SFG A | B CO 1/7 SFG A | |
| Address 1: | | | |
| Address 2: | PO Box: | | PO Box: |
| City: | FORT BRAGG | FORT BRAGG | |
| State: | NC Zip Code: 28310 Country: US | State: NC Zip Code: 28310 Country: US | |

FFL:

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

**Contact Information**

Phone:
Fax:
Email:
Comments:

**Received Condition**

Fair
Condition Notes:
CSR Notes:

**Accessories Received**

| Code | Desc | Qty |
|---|---|---|
| A007 | With Studs | 3 |
| A010 | Hard Case | 1 |
| A017 | Scope Bases | 3 |
| X001 | Deployment Kit | 1 |

Repair Search | Refresh | Close

naglelj | 4/2/2004 | 2:03 PM | CAPS | NUM | INS | SCRL

Start 4 3

G 6300 547 (New)

Serial Number: C6225584

Model: M24 SWS

RE00079560

AVERAGE PULL FORCE BETWEEN INITIAL & CYCLE TESTS
2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE 3-31-04

TESTER RW

| | 2.50 LBS INITIAL | 2.50 LBS AFTER 50 CYCLES | FINAL TEST & TO RESET 2.50 LBS | | COMMENTS |
|---|---|---|---|---|---|
| PULL #1 | 2.35 | 2.45 | | 2.43 | |
| PULL #2 | 2.32 | 2.47 | | 2.40 | |
| PULL #3 | 2.34 | 2.45 | | 2.40 | |
| PULL #4 | 2.33 | 2.39 | | 2.41 | |
| PULL #5 | 2.36 | 2.41 | | 2.39 | |
| TOTAL | 11.70 | 12.17 | | 12.03 | |
| AVERAGE | 2.34 | 2.43 | | 2.41 | |

| | 3.00 LBS INITIAL | 3.00 LBS AFTER 20 CYCLES | | COMMENTS |
|---|---|---|---|---|
| PULL #1 | 3.14 | 3.00 | | |
| PULL #2 | 3.06 | 3.05 | | |
| PULL #3 | 3.16 | 3.14 | | |
| PULL #4 | 3.02 | 3.11 | | |
| PULL #5 | 3.14 | 3.10 | | |
| TOTAL | 15.52 | 15.40 | | |
| AVERAGE | 3.10 | 3.08 | | |

| | 4.00 LBS INITIAL | 4.00 LBS AFTER 20 CYCLES | MAX SETTING GREATER THAN 4 LBS | RESET TO 4 LBS FOR TARGET & ACCURACY |
|---|---|---|---|---|
| PULL #1 | 4.31 | 4.30 | | 4.00 |
| PULL #2 | 4.29 | 4.22 | | 4.05 |
| PULL #3 | 4.29 | 4.27 | | 4.03 |
| PULL #4 | 4.24 | 4.27 | | 4.10 |
| PULL #5 | 4.25 | 4.22 | | 4.14 |
| TOTAL | 21.38 | 21.28 | | 20.32 |
| AVERAGE | 4.28 | 4.26 | | 4.06 |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300547.__0
FILE DATE AND TIME: 04/21/2004 07:11

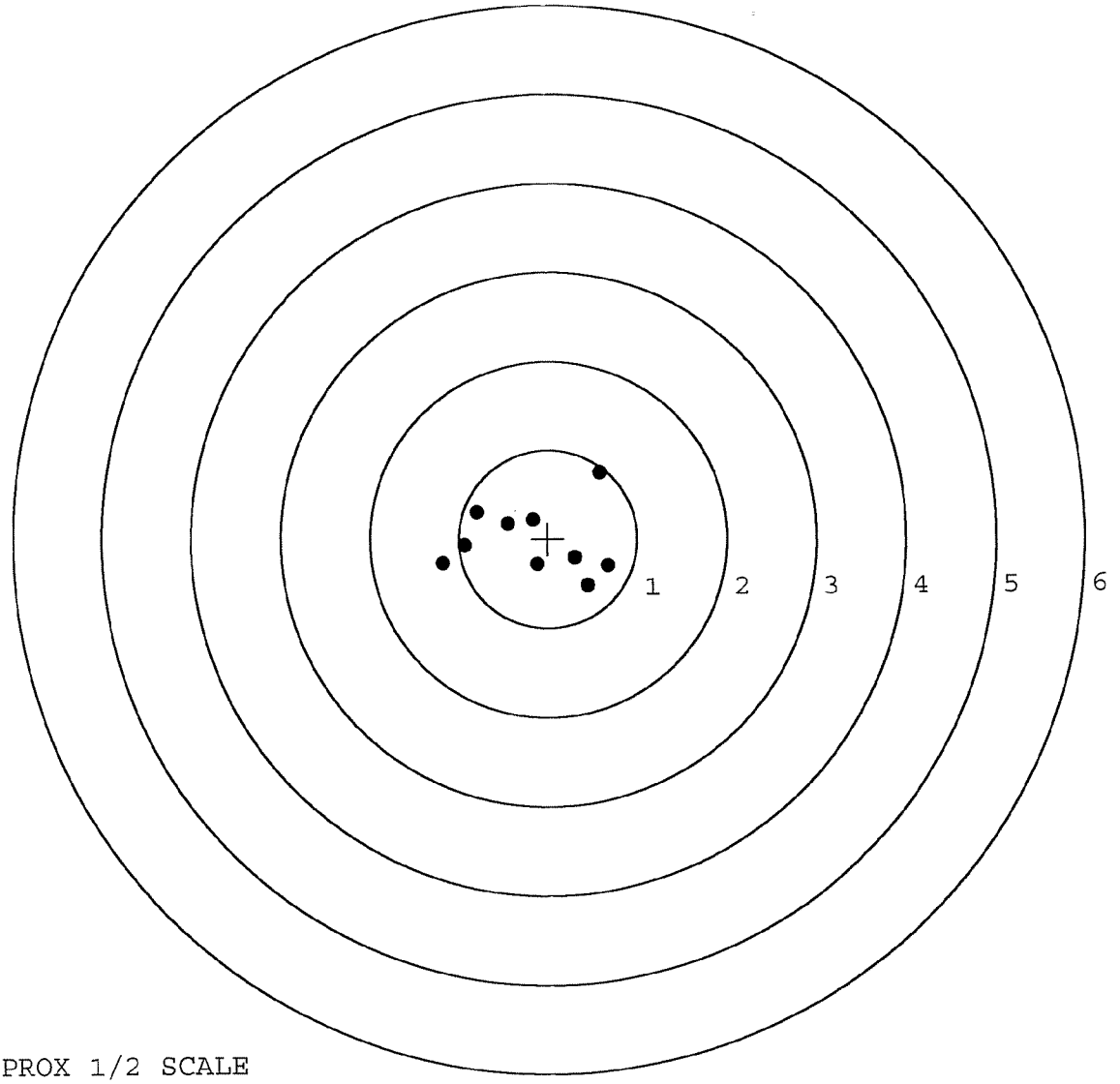
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

| | |
|---|---|
| The Average X Centroid of the Five Target Set: | -0.076 |
| The Average Y Centroid of the Five Target Set: | -0.074 |
| The Average Point of Impact of the Five Target Set: | 0.106 |
| The Average Mean Radius of the Five Target Set: | 0.609 |
| The Distance from POA to Centroid Target #1: | 0.167 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.109 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.203 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.183 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.137 |

SERIAL NUMBER: G6300547.__0
TARGET NUMBER: 1
FILE DATE: 04/21/2004
FILE TIME: 07:11

| | |
|---|---|
| X CENTROID: | -0.166 |
| Y CENTROID: | -0.024 |
| POA TO CENTROID: | 0.167 |
| HORZ SPREAD: | 1.855 |
| VERT SPREAD: | 1.271 |
| GROUP SPREAD: | 2.034 |
| MIN RADIUS: | 0.243 |
| MAX RADIUS: | 1.070 |
| MEAN RADIUS: | 0.664 |
| # IN 1 IN DIAMETER: | 3 |
| # IN 2 IN DIAMETER: | 8 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.583 | 0.740 |
| 2: | -0.795 | 0.307 |
| 3: | -0.447 | 0.178 |
| 4: | -0.170 | 0.219 |
| 5: | -0.939 | -0.070 |
| 6: | -1.183 | -0.269 |
| 7: | -0.125 | -0.290 |
| 8: | 0.305 | -0.214 |
| 9: | 0.672 | -0.309 |
| 10: | 0.442 | -0.531 |

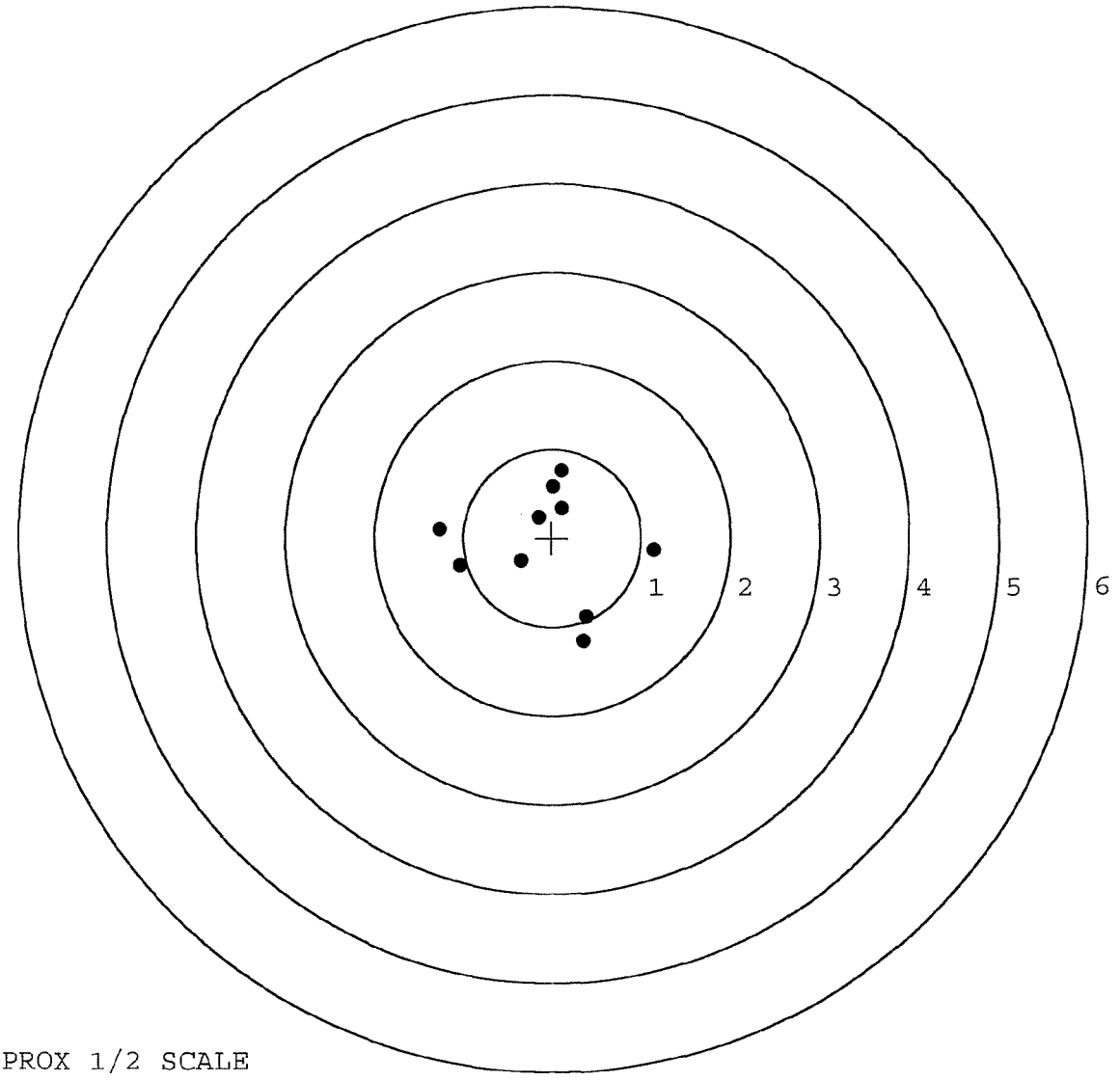



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300547.__0
TARGET NUMBER: 2
FILE DATE: 04/21/2004
FILE TIME: 07:11

| | |
|---|---|
| X CENTROID: | -0.069 |
| Y CENTROID: | -0.076 |
| POA TO CENTROID: | 0.103 |
| HORZ SPREAD: | 2.404 |
| VERT SPREAD: | 1.911 |
| GROUP SPREAD: | 2.416 |
| MIN RADIUS: | 0.320 |
| MAX RADIUS: | 1.214 |
| MEAN RADIUS: | 0.811 |
| # IN 1 IN DIAMETER: | 3 |
| # IN 2 IN DIAMETER: | 7 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 1.143 | -0.143 |
| 2: | 0.385 | -0.885 |
| 3: | 0.356 | -1.157 |
| 4: | -0.353 | -0.259 |
| 5: | -1.038 | -0.311 |
| 6: | -1.261 | 0.102 |
| 7: | -0.156 | 0.232 |
| 8: | 0.108 | 0.333 |
| 9: | 0.009 | 0.576 |
| 10: | 0.113 | 0.754 |

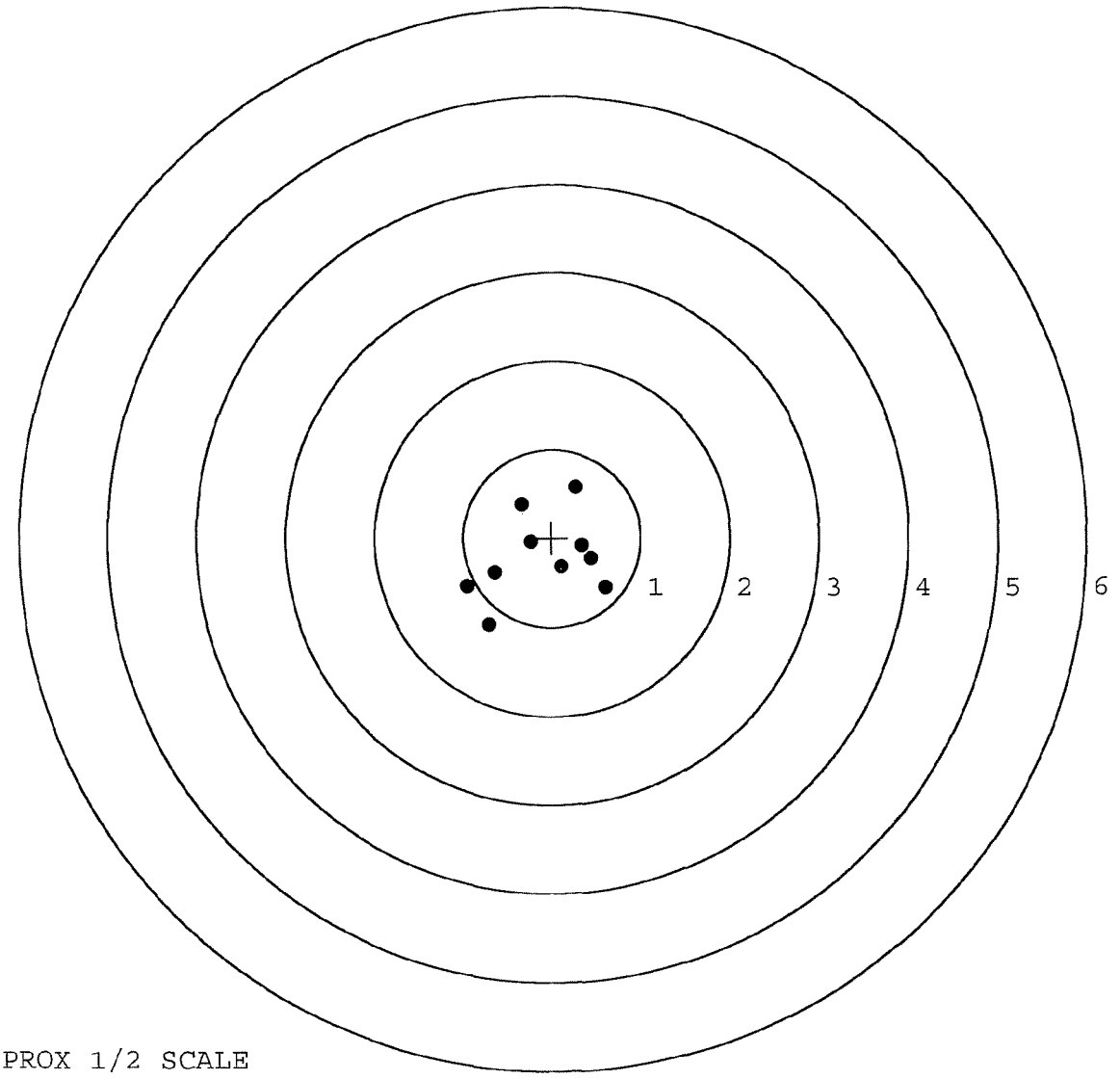



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300547.__0
TARGET NUMBER: 3
FILE DATE: 04/21/2004
FILE TIME: 07:11

| | |
|---|---|
| X CENTROID: | -0.112 |
| Y CENTROID: | -0.220 |
| POA TO CENTROID: | 0.247 |
| HORZ SPREAD: | 1.563 |
| VERT SPREAD: | 1.545 |
| GROUP SPREAD: | 1.830 |
| MIN RADIUS: | 0.211 |
| MAX RADIUS: | 0.957 |
| MEAN RADIUS: | 0.623 |
| # IN 1 IN DIAMETER: | 3 |
| # IN 2 IN DIAMETER: | 10 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.604 | -0.557 |
| 2: | 0.445 | -0.232 |
| 3: | 0.343 | -0.084 |
| 4: | 0.107 | -0.330 |
| 5: | 0.270 | 0.578 |
| 6: | -0.340 | 0.382 |
| 7: | -0.237 | -0.050 |
| 8: | -0.643 | -0.389 |
| 9: | -0.959 | -0.548 |
| 10: | -0.710 | -0.967 |

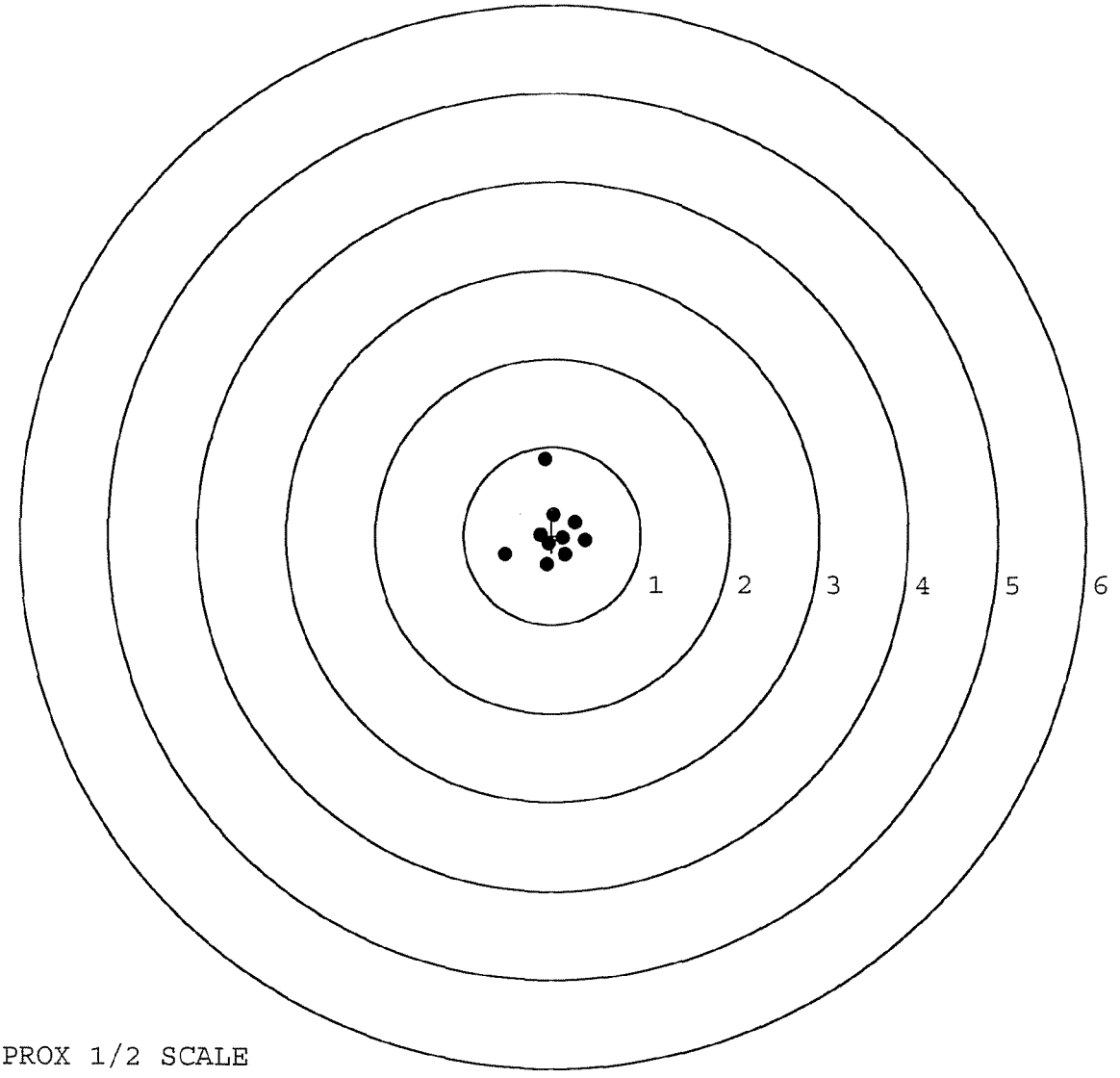



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300547.__0
TARGET NUMBER: 4
FILE DATE: 04/21/2004
FILE TIME: 07:11

| | |
|---|---|
| X CENTROID: | 0.009 |
| Y CENTROID: | 0.032 |
| POA TO CENTROID: | 0.033 |
| HORZ SPREAD: | 0.906 |
| VERT SPREAD: | 1.191 |
| GROUP SPREAD: | 1.191 |
| MIN RADIUS: | 0.128 |
| MAX RADIUS: | 0.837 |
| MEAN RADIUS: | 0.335 |
| # IN 1 IN DIAMETER: | 8 |
| # IN 2 IN DIAMETER: | 10 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | -0.527 | -0.215 |
| 2: | -0.084 | 0.864 |
| 3: | 0.379 | -0.057 |
| 4: | 0.264 | 0.150 |
| 5: | 0.021 | 0.239 |
| 6: | -0.130 | 0.007 |
| 7: | 0.120 | -0.032 |
| 8: | 0.150 | -0.219 |
| 9: | -0.062 | -0.327 |
| 10: | -0.041 | -0.092 |

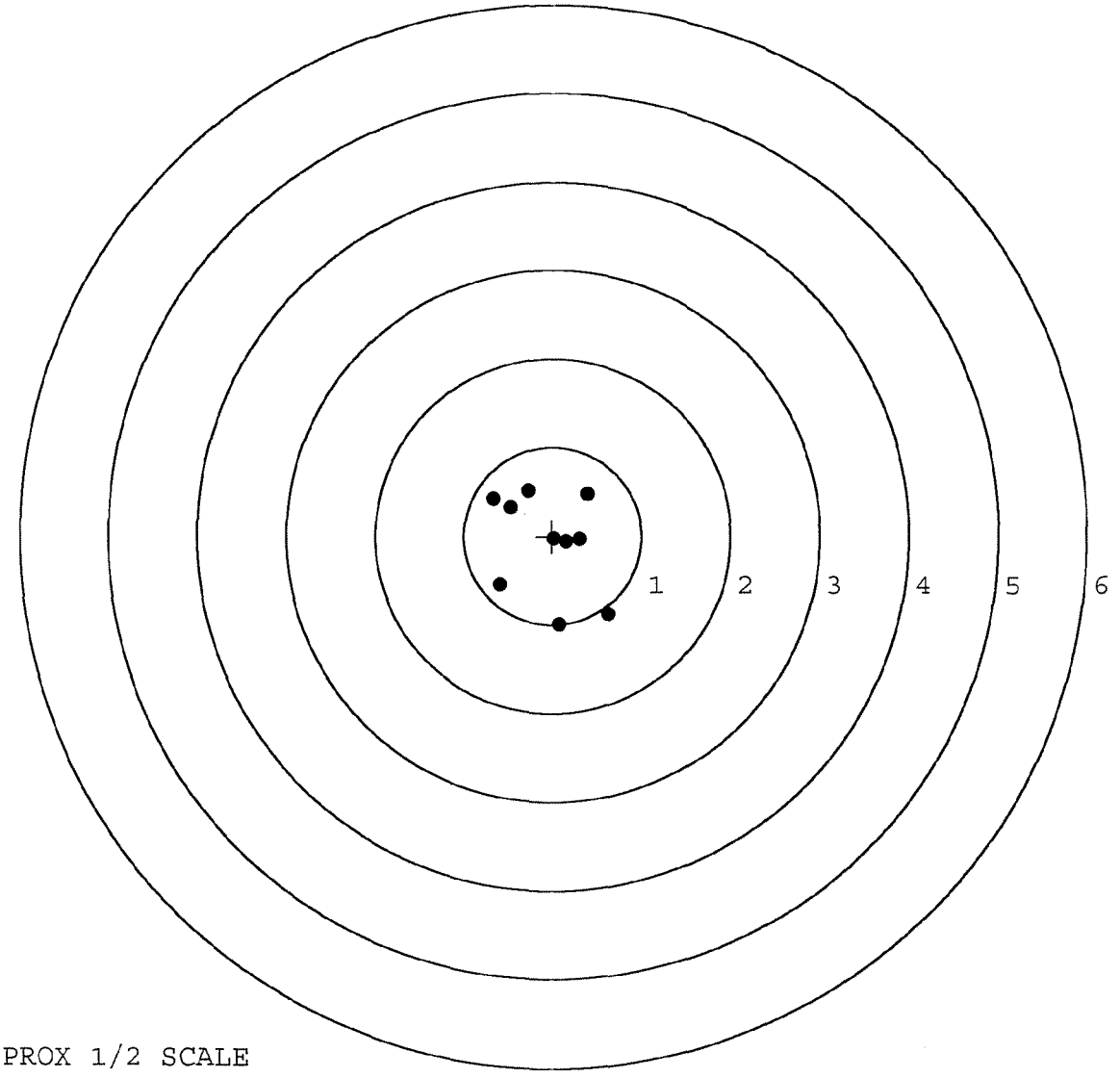



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300547.__0
TARGET NUMBER: 5
FILE DATE: 04/21/2004
FILE TIME: 07:11

| | |
|---|---|
| X CENTROID: | -0.043 |
| Y CENTROID: | -0.084 |
| POA TO CENTROID: | 0.094 |
| HORZ SPREAD: | 1.305 |
| VERT SPREAD: | 1.516 |
| GROUP SPREAD: | 1.846 |
| MIN RADIUS: | 0.081 |
| MAX RADIUS: | 1.046 |
| MEAN RADIUS: | 0.609 |
| # IN 1 IN DIAMETER: | 3 |
| # IN 2 IN DIAMETER: | 9 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.633 | -0.883 |
| 2: | 0.081 | -1.006 |
| 3: | -0.599 | -0.551 |
| 4: | 0.396 | 0.475 |
| 5: | 0.309 | -0.037 |
| 6: | 0.156 | -0.065 |
| 7: | 0.019 | -0.031 |
| 8: | -0.275 | 0.510 |
| 9: | -0.474 | 0.325 |
| 10: | -0.672 | 0.422 |




TARGET APPROX 1/2 SCALE

## EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

| 1. ORGANIZATION | 2. NOMENCLATURE AND MODEL |
|---|---|
| HSC 1st Bn 7th SFG (A) | RIFLE,SNIPER 7.62MM |

| 3. REGISTRATION/SERIAL/NSN | 4a. MILES | b. HOURS | c. ROUNDS FIRED | d. HOT STARTS | 5. DATE | 6. TYPE INSPECTION |
|---|---|---|---|---|---|---|
| C6225584 | | | | | | REBARREL |

7. APPLICABLE REFERENCE

| TM NUMBER | TM DATE | TM NUMBER | TM DATE |
|---|---|---|---|
| TM 9-1005-306-10 | SEPT 1988 | | |

COLUMN a – Enter TM item number.

COLUMN b – Enter the applicable condition status symbol.

COLUMN c – Enter deficiencies and shortcomings.

COLUMN d – Show corrective action for deficiency or shortcoming listed in Column c.

COLUMN e – Individual ascertaining completed corrective action initial in this column.

### STATUS SYMBOLS

"X" – Indicates a deficiency in the equipment that places it in an inoperable status.

CIRCLED "X" – Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished.

HORIZONTAL DASH "(-)" – Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.

DIAGONAL "(/)" – Indicates a material defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable.

LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL - Indicates that a completely satisfactory condition exists.

FOR AIRCRAFT - Status symbols will be recorded in red.

*ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.*

| 8a. SIGNATURE *(Person(s) performing inspection)* | 8b. TIME | 9a. SIGNATURE *(Maintenance Supervisor)* | 9b. TIME | 10. MANHOURS REQUIRED |
|---|---|---|---|---|
| | | | | |

| TM ITEM NO. *a* | STATUS *b* | DEFICIENCIES AND SHORTCOMINGS *c* | CORRECTIVE ACTION *d* | INITIAL WHEN CORRECTED *e* |
|---|---|---|---|---|
| | | EXCEEDS REQUIRED GUAGING | | |
| | | EXCEEDS ROUND COUNT | | |
| | | | | |
| | | | | |
| | | | | |
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| | | | | |
| | | | | |
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| | | | | |
| | | | | |

DA FORM 2404, APR 79 — Replaces edition of 1 Jan 64, which will be used — USAPPC V1.10

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

| R & E NUMBER | 79560 | | |
|---|---|---|---|
| SERIAL NUMBER | ~~C6225584~~ | G6300547 (New) | Q |
| LOG-IN DATE | 4-2-04 | | |
| | | | |
| INSPECT AND VERIFY: | | | |
| OPERATION # | OPERATION NAME | DATE | INITIAL |
| 550 | DIS-ASSEMBLE GUN | 4-5-04 | RTL |
| 560 A | RE-BARREL | 4-6-04 | RTL |
| B | DRILL AND TAP | | |
| 575 | ASSEMBLE | 4-6-04 | RTL |
| 600 | PROOF | 4-12-04 | RTL |
| 605 | CHECK HEADSPACE | 4-12-04 | RTL |
| 610 | DIS-ASSEMBLE GUN | 4-13-04 | RTL |
| 612 | MAGNAFLUX | | OPERATOR |
| 615 | ROLLMARK CALIBER | 4-13-04 | RTL |
| 618 | ROTO-BLAST | 4/14/04 | DG |
| 620 | APPLY COATINGS | 4-16 | TA |
| 625 A | FINAL ASSEMBLY | 4-20-04 | RTL |
| B | TRIGGER PULL TEST | 4/26/04 | DA |
| C | SAFETY "ON" FORCE | 4-26-04 | DA |
| D | SAFETY "OFF" FORCE | 4/26/04 | DA |
| E | FIRING PIN INDENT | 4/26/04 | DA |
| 640 | TARGET | 4-21-04 | AC |
| 655 | FINAL INSPECT | 4-22-04 | RTL |
| 660 | PACK | 4-27-04 | 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 700TM M24
SERIAL NO.
C6225584
ORDER NO.
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.
5715 C6225584
UPC
0 47700 25716 7

Scope 0445

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225584

| OP. # | OP. NAME | READINGS | DATE | INIT |
|---|---|---|---|---|
| 575 & 580 | Assemble Action and Stock | QUALITY AUDIT 12 9 88 | | RW |
| 600 | Proof | 12 9 88 | | RW |
| 607 | Check Headspace | 12 9 88 | | RW |
| 610 | Dis-assemble Gun | 12 9 88 | | RW |
| 612 | Magnaflux Barrel Action | INTERCHANGEABILITY | 12 22 88 | Pfl. |
| | Magnaflux Bolt | | 1-3-89 | Pfl. |
| 615 | Rollmark Caliber | | 12/22/88 | MWBC |
| 617 | Drill and Tap Sight Holes | 1 3 89 | | FB |
| 618 | Polish Barrel | 12 2 88 | | WJT |
| 620 | Apply Coatings (Barrel Action) | | 1/6/89 | JSA |
| | Apply Coating (Bolt) | | 1/6/89 | JSA |
| 625 | Final Assembly A) Clean inside of Bolt Assembly | | 2/9/89 | RW |
| | B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head | | 2/9/89 | RW |
| | C) Inspect Ejector Hole for Chamfer | | 2/9/89 | RW |
| | D) Oil Firing Pin Ass'y | | 2/9/89 | RW |
| | E) Adjust Trigger Pull to Min Setting and Stake | | 14 2/16/89 | RW |

| op. # | OP. NAME | READINGS | | | | | DATE | INIT |
|---|---|---|---|---|---|---|---|---|
| 625 cont. | F) Safety On Force | 5 | 4 | 4 | | | 14 Feb 89 | GS |
| | G) Safety Off Force | 3 | 3 | 3 | | | 14 Feb 89 | GS |
| | H) Trigger Pull Test & Retainability | | | | | | 14 Feb 89 | GS |
| | I) Firing Pin Indent | .021 | .022 | .021 | | | 14 Feb 89 | GS |
| | J) Assemble Stock | | | | | | 2/16/89 | RW |
| | K) Assemble Swivel Studs | | | | | | 21 Feb 89 | GS |
| | L) Attach Front and Rear Sight Assemblies | | | | | | 2/16/89 | RW |
| | M) Iron Sight Alignment | | | | | | 2/16/89 | RW |
| | N) Detach Front & Rear Sights & place in numbered container | | | | | | 2/16/89 | RW |
| | O) Attach Scope to Rifle | | | | | | 17 Feb 89 | GS |
| | P) Detach & Attach Scope 20 Times | | | | | | 17 Feb 89 | GS |
| 640 | Gallery Target & Test | 48 R | 104 L | | | | 2/20/89 | DH |
| | A) Time | | | | | | 2/20/89 | DH |
| | B) Malfunctions | | | | | | 2/20/89 | DH |
| | C) Pierced Primers | | | | | | 2/20/89 | DH |
| | D) Optical Clearity of Scope | | | | | | 2/20/89 | DH |
| 645 | Inspect for Live Ammo | | | | | | 2/20/89 | DH |
| 655 | Final Inspection A) Headspace | | | | | | 21 Feb 89 | GS |
| | B) Trigger Pull | 2.47 | 2.46 | 2.44 | 2.43 | 2.49 | 21 Feb 89 | GS |
| | C) Function | | | | | | 21 Feb 89 | GS |
| 660 | Pack | | | | | | 22 Mar 89 | GS |

# SWS TRIGGER PULL TEST

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

SERIAL NO. 5584

DATE 4-3-90

TESTER JH

| | 2.50# INITIAL | 2.50# AFTER 50 CYCLES | FINAL TEST & TO RESET 2.50# | | COMMENTS |
|---|---|---|---|---|---|
| PULL #1 | 2.54 | 2.38 | | 2.40 | MIN. SETTING, |
| PULL #2 | 2.39 | 2.44 | | 2.42 | NO AVG. OF 5 |
| PULL #3 | 2.38 | 2.37 | | 2.35 | READINGS ACCEPT- |
| PULL #4 | 2.25 | 2.26 | | 2.28 | ABLE LESS THAN 2# |
| PULL #5 | 2.54 | 2.48 | | 2.41 | |
| TOTAL | 12.15 | 11.93 | | 11.86 | |
| AVG. | 2.43 | 2.386 | | 2.372 | |

| | 3.00# INITIAL | 3.00# AFTER 20 CYCLES | | COMMENTS |
|---|---|---|---|---|
| PULL #1 | 3.42 | 3.36 | | |
| PULL #2 | 3.35 | 3.40 | | |
| PULL #3 | 3.35 | 3.42 | | |
| PULL #4 | 3.40 | 3.35 | | |
| PULL #5 | 3.44 | 3.42 | | |
| TOTAL | 16.96 | 16.95 | | |
| AVG. | 3.392 | 3.39 | | |

| | 4.00# INITIAL | 4.00# AFTER 20 CYCLES | MAX SETTING GREATER THAN 4# | RESET TO 4# FOR TARGET & ACCURACY |
|---|---|---|---|---|
| PULL #1 | 4.12 | 4.32 | | |
| PULL #2 | 4.40 | 4.43 | | |
| PULL #3 | 4.36 | 4.40 | | |
| PULL #4 | 4.38 | 4.43 | | |
| PULL #5 | 4.36 | 4.37 | | |
| TOTAL | 21.62 | 21.95 | | |
| AVG. | 4.324 | 4.39 | | |

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225584
22 Feb 1989

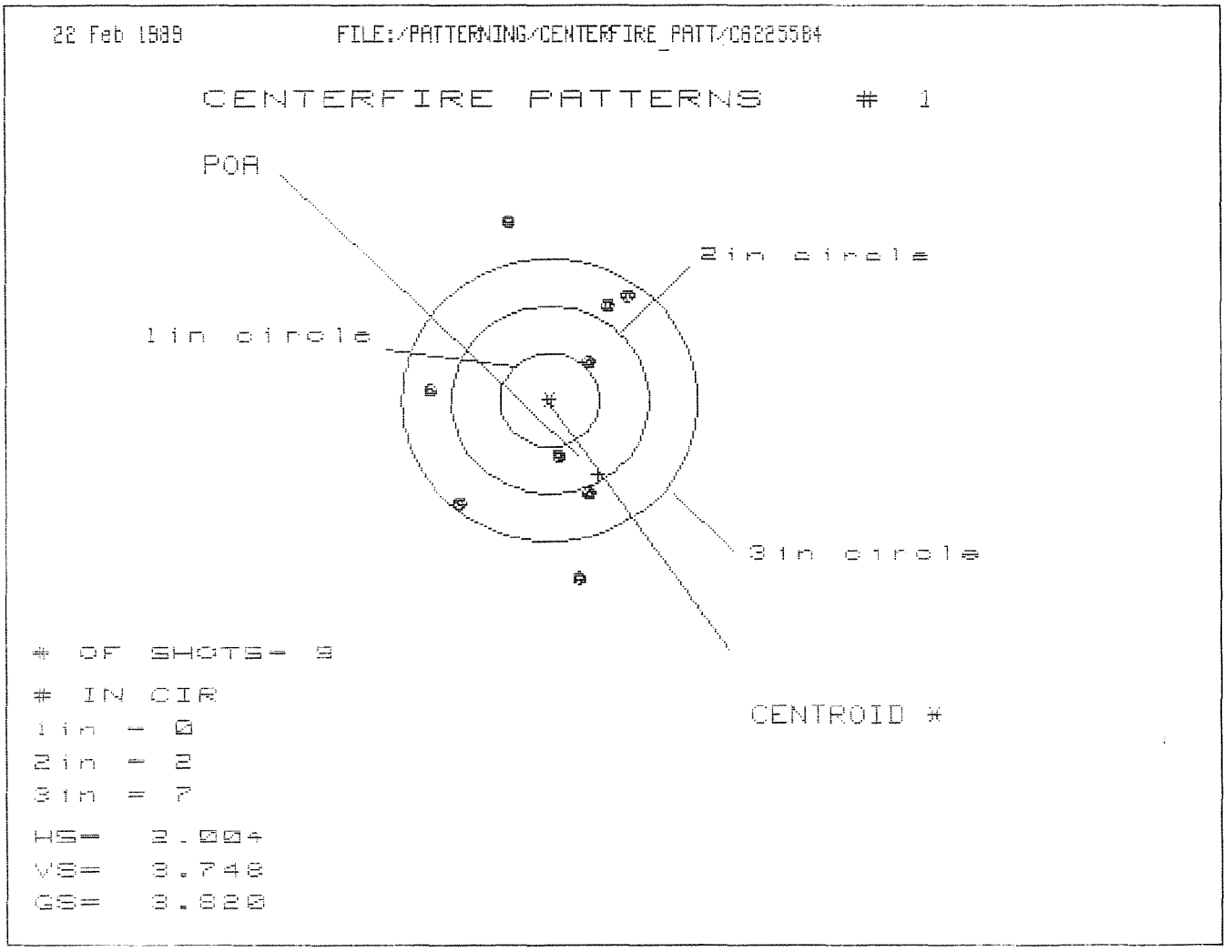
CENTROIDAL DISTANCES

| | | | |
|---|---|---|---|
| Ø | TO | 1 | .929558 |
| 1 | TO | 2 | .171 |
| 1 | TO | 3 | .173738 |
| 1 | TO | 4 | .505059 |
| 1 | TO | 5 | .29426 |

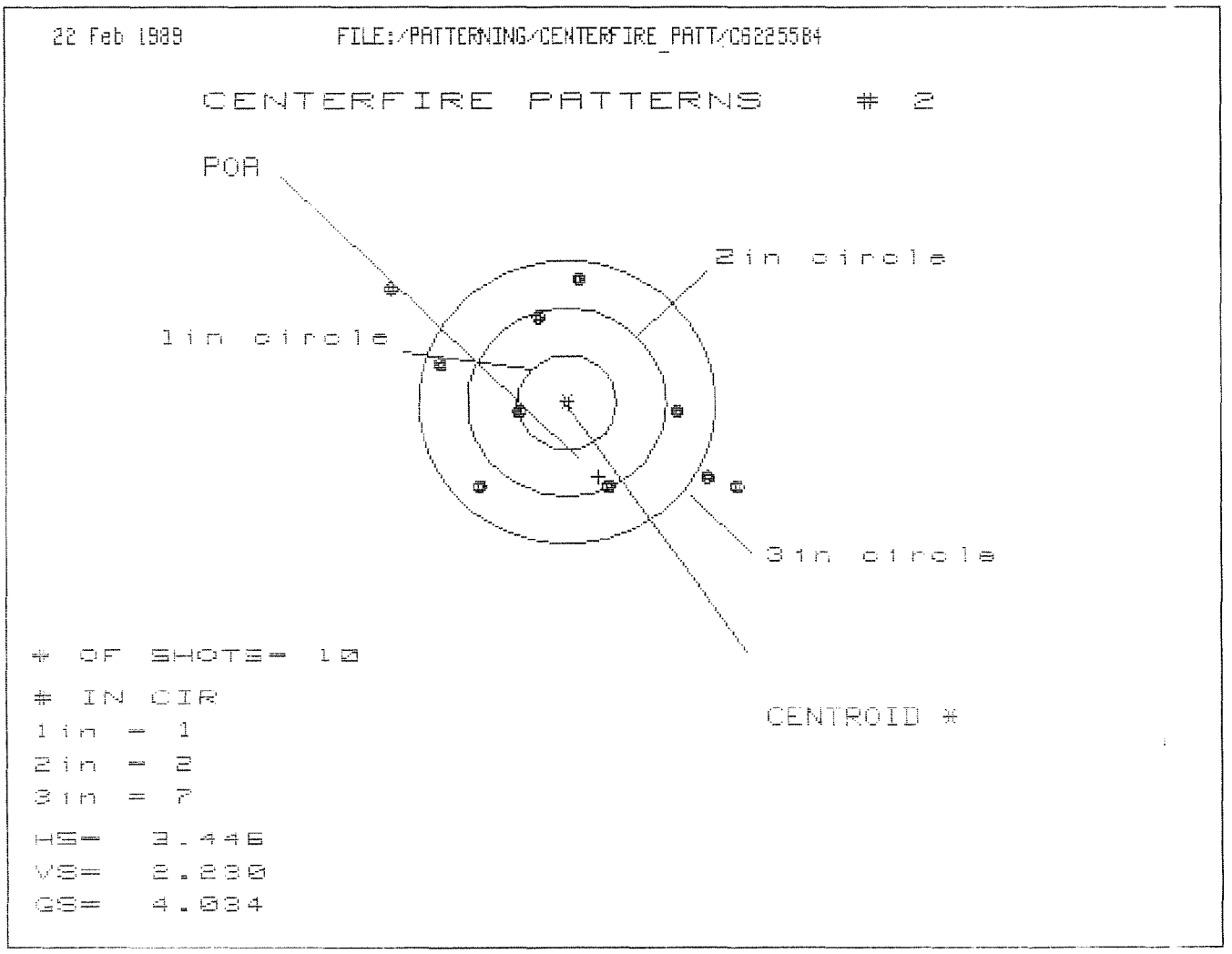

<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3108
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .704
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .769554

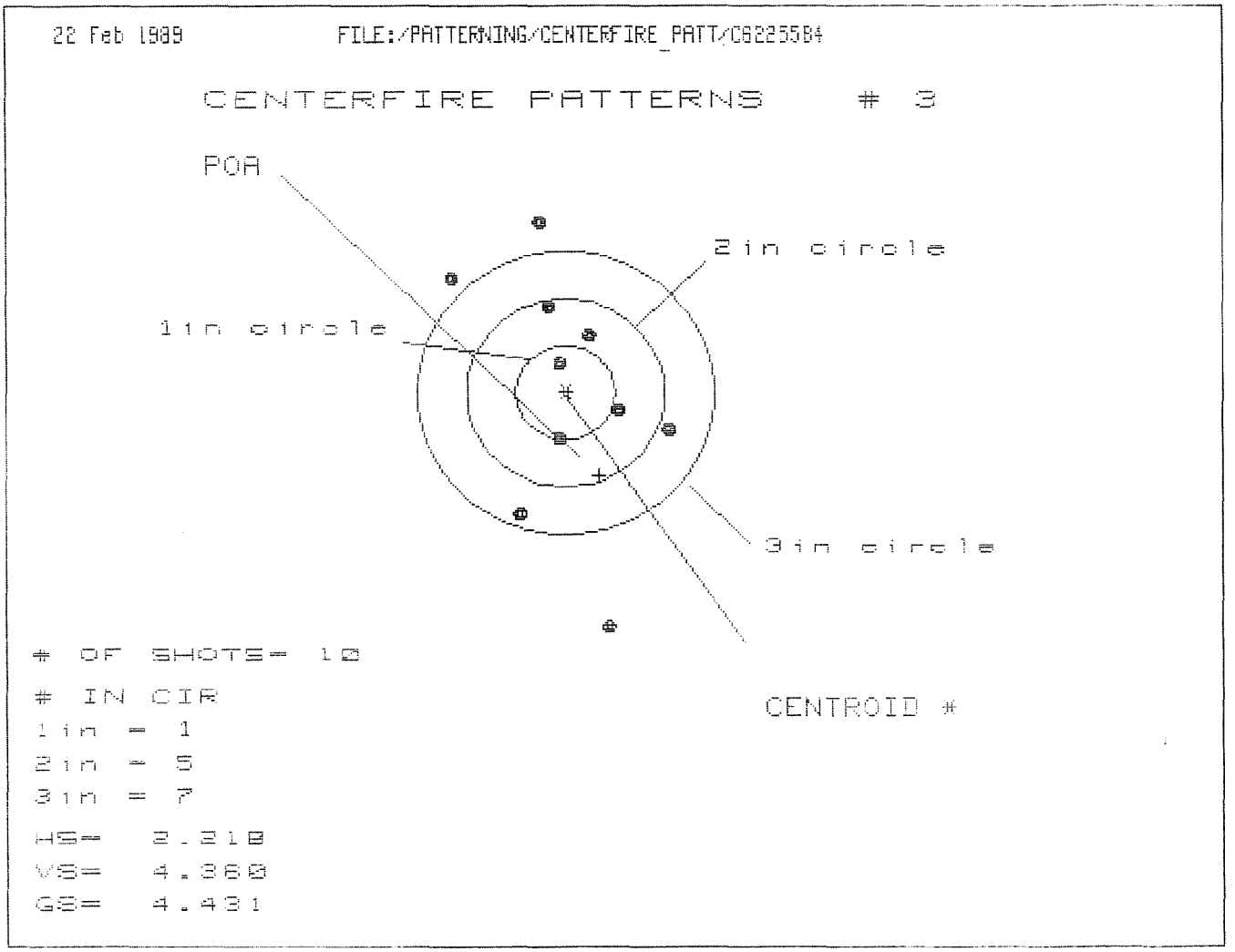
THE AMR FOR THIS RIFLE IS: 1.129




| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 1 | | |
| SHOTS (BEST OF) | : | 9 | 8 | 7 |
| MAXIMUM X | : | .810 | .756 | .793 |
| MINIMUM X | : | -1.194 | -1.248 | -1.211 |
| MAXIMUM Y | : | 1.898 | 1.368 | 1.138 |
| MINIMUM Y | : | -1.850 | -1.613 | -1.056 |
| CENTROID X | : | -.485 | -.431 | -.468 |
| CENTROID Y | : | .793 | .556 | .786 |
| POA TO CENTROID in. | : | .930 | .703 | .915 |
| MIN RADIUS | : | .525 | .320 | .518 |
| MEAN RADIUS | : | 1.244 | 1.127 | 1.052 |
| MAX RADIUS | : | 1.946 | 1.633 | 1.433 |
| HORIZONTAL SPREAD | : | 2.004 | 2.004 | 2.004 |
| VERTICAL SPREAD | : | 3.748 | 2.981 | 2.194 |
| EXTREME SPREAD | : | 3.820 | 3.023 | 2.813 |
| NUMBER IN ONE INCH CIRCLE | = | | 0 | |
| NUMBER IN TWO INCH CIRCLE | = | | 2 | |
| NUMBER IN THREE INCH CIRCLE | = | | 7 | |



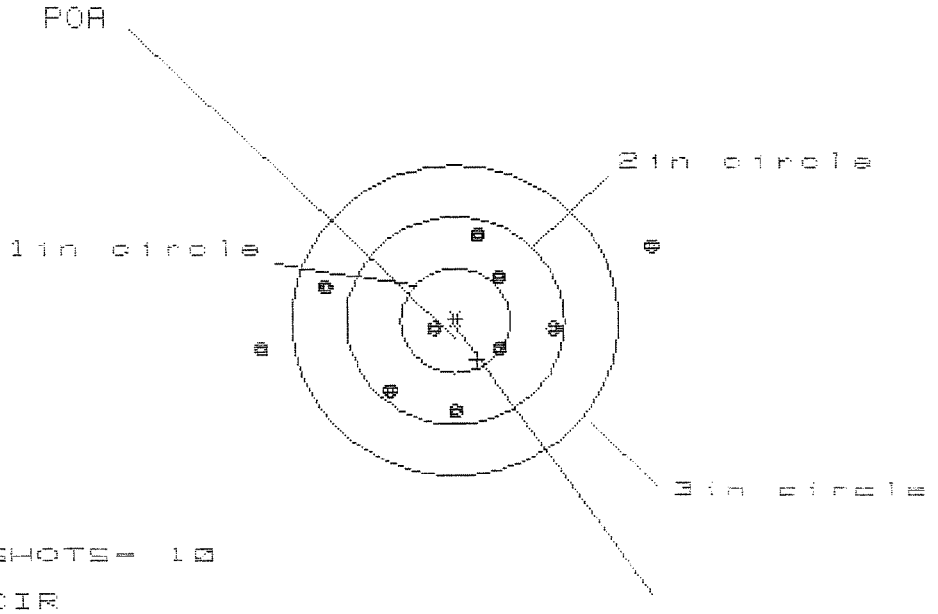

| | | | |
|---|---|---|---|
| PATTERN # | : | 2 | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.664 | 1.466 | 1.429 |
| MINIMUM X | : | -1.782 | -1.512 | -1.328 |
| MAXIMUM Y | : | 1.296 | 1.425 | 1.325 |
| MINIMUM Y | : | -.934 | -.805 | -.897 |
| CENTROID X | : | -.314 | -.116 | -.300 |
| CENTROID Y | : | .793 | .664 | .764 |
| POA TO CENTROID in. | : | .853 | .674 | .821 |
| MIN RADIUS | : | .461 | .653 | .471 |
| MEAN RADIUS | : | 1.306 | 1.209 | 1.129 |
| MAX RADIUS | : | 2.128 | 1.673 | 1.616 |
| HORIZONTAL SPREAD | : | 3.446 | 2.978 | 2.757 |
| VERTICAL SPREAD | : | 2.230 | 2.230 | 2.222 |
| EXTREME SPREAD | : | 4.034 | 3.251 | 2.988 |
| NUMBER IN ONE INCH CIRCLE | = | | 1 | |
| NUMBER IN TWO INCH CIRCLE | = | | 2 | |
| NUMBER IN THREE INCH CIRCLE | = | | 7 | |




| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 3 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.046 | 1.100 | 1.068 |
| MINIMUM X | : | -1.172 | -1.118 | -1.150 |
| MAXIMUM Y | : | 1.842 | 1.562 | 1.175 |
| MINIMUM Y | : | -2.518 | -1.536 | -1.340 |
| CENTROID X | : | -.337 | -.391 | -.359 |
| CENTROID Y | : | .884 | 1.164 | .968 |
| POA TO CENTROID in. | : | .946 | 1.227 | 1.033 |
| MIN RADIUS | : | .280 | .006 | .193 |
| MEAN RADIUS | : | 1.153 | .951 | .880 |
| MAX RADIUS | : | 2.564 | 1.591 | 1.644 |
| HORIZONTAL SPREAD | : | 2.218 | 2.218 | 2.218 |
| VERTICAL SPREAD | : | 4.360 | 3.098 | 2.515 |
| EXTREME SPREAD | : | 4.431 | 3.102 | 2.776 |
| NUMBER IN ONE INCH CIRCLE | = | | 1 | |
| NUMBER IN TWO INCH CIRCLE | = | | 5 | |
| NUMBER IN THREE INCH CIRCLE | = | | 7 | |

22 Feb 1989 FILE:/PATTERNING/CENTERFIRE_PATT/CG225584

CENTERFIRE PATTERNS # 4

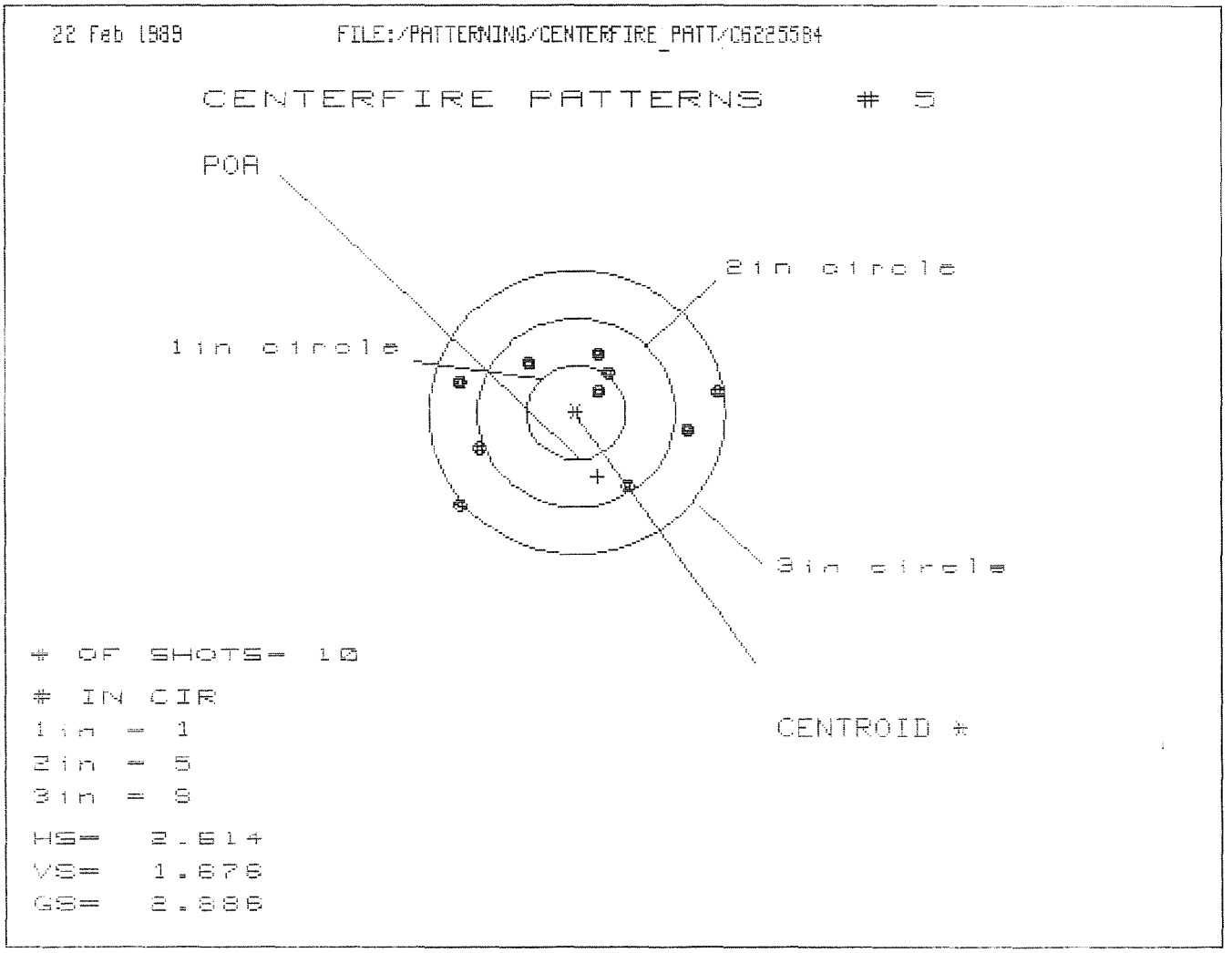



# OF SHOTS= 10

# IN CIR
1in = 2
2in = 7
3in = 8

HS= 3.601
VS= 1.765
GS= 3.720

| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 4 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.819 | 1.122 | .924 |
| MINIMUM X | : | -1.782 | -1.580 | -1.198 |
| MAXIMUM Y | : | .863 | .939 | .917 |
| MINIMUM Y | : | -.902 | -.826 | -.848 |
| CENTROID X | : | -.203 | -.405 | -.208 |
| CENTROID Y | : | .374 | .298 | .320 |
| POA TO CENTROID in. | : | .426 | .503 | .381 |
| MIN RADIUS | : | .192 | .038 | .168 |
| MEAN RADIUS | : | .981 | .866 | .754 |
| MAX RADIUS | : | 1.944 | 1.589 | 1.254 |
| HORIZONTAL SPREAD | : | 3.601 | 2.702 | 2.122 |
| VERTICAL SPREAD | : | 1.765 | 1.765 | 1.765 |
| EXTREME SPREAD | : | 3.720 | 2.710 | 2.152 |
| NUMBER IN ONE INCH CIRCLE | = | | 2 | |
| NUMBER IN TWO INCH CIRCLE | = | | 7 | |
| NUMBER IN THREE INCH CIRCLE | = | | 8 | |




| PATTERN # | : | 5 | | |
|---|---|---|---|---|
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.441 | 1.314 | 1.189 |
| MINIMUM X | : | -1.173 | -1.300 | -1.136 |
| MAXIMUM Y | : | .653 | .539 | .557 |
| MINIMUM Y | : | -1.023 | -.910 | -.892 |
| CENTROID X | : | -.215 | -.088 | -.252 |
| CENTROID Y | : | .676 | .790 | .772 |
| POA TO CENTROID in. | : | .709 | .795 | .812 |
| MIN RADIUS | : | .305 | .135 | .292 |
| MEAN RADIUS | : | .962 | .856 | .810 |
| MAX RADIUS | : | 1.536 | 1.321 | 1.223 |
| HORIZONTAL SPREAD | : | 2.614 | 2.614 | 2.335 |
| VERTICAL SPREAD | : | 1.676 | 1.449 | 1.449 |
| EXTREME SPREAD | : | 2.886 | 2.615 | 2.382 |
| NUMBER IN ONE INCH CIRCLE | = | | 1 | |
| NUMBER IN TWO INCH CIRCLE | = | | 5 | |
| NUMBER IN THREE INCH CIRCLE | = | | 9 | |

# INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225584
17 Mar 1989

CENTROIDAL DISTANCES

| | | | |
|---|---|---|---|
| 0 | TO | 1 | .519659 |
| 1 | TO | 2 | .310413 |
| 1 | TO | 3 | .713612 |
| 1 | TO | 4 | .373973 |
| 1 | TO | 5 | .667323 |

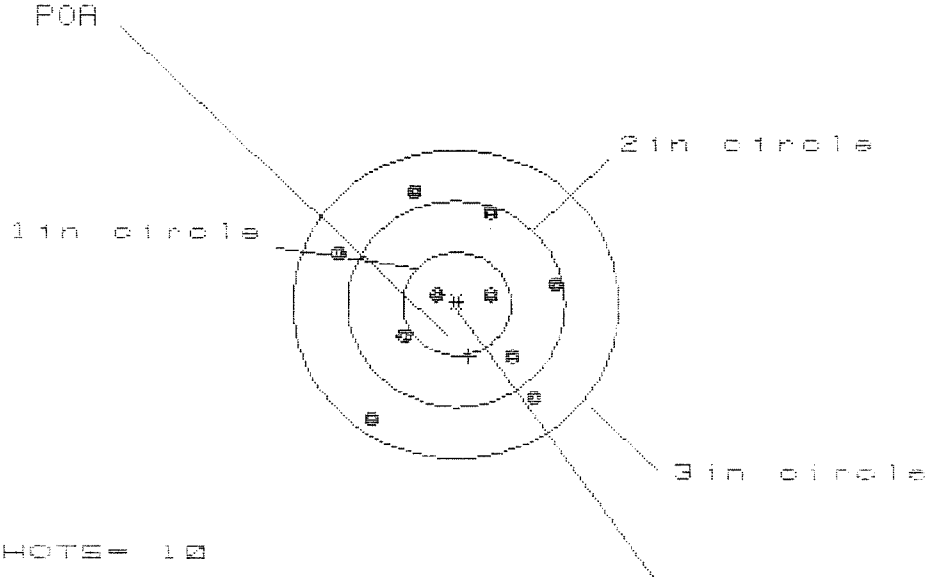
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.081
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1064
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .133723

THE AMR FOR THIS RIFLE IS: .824

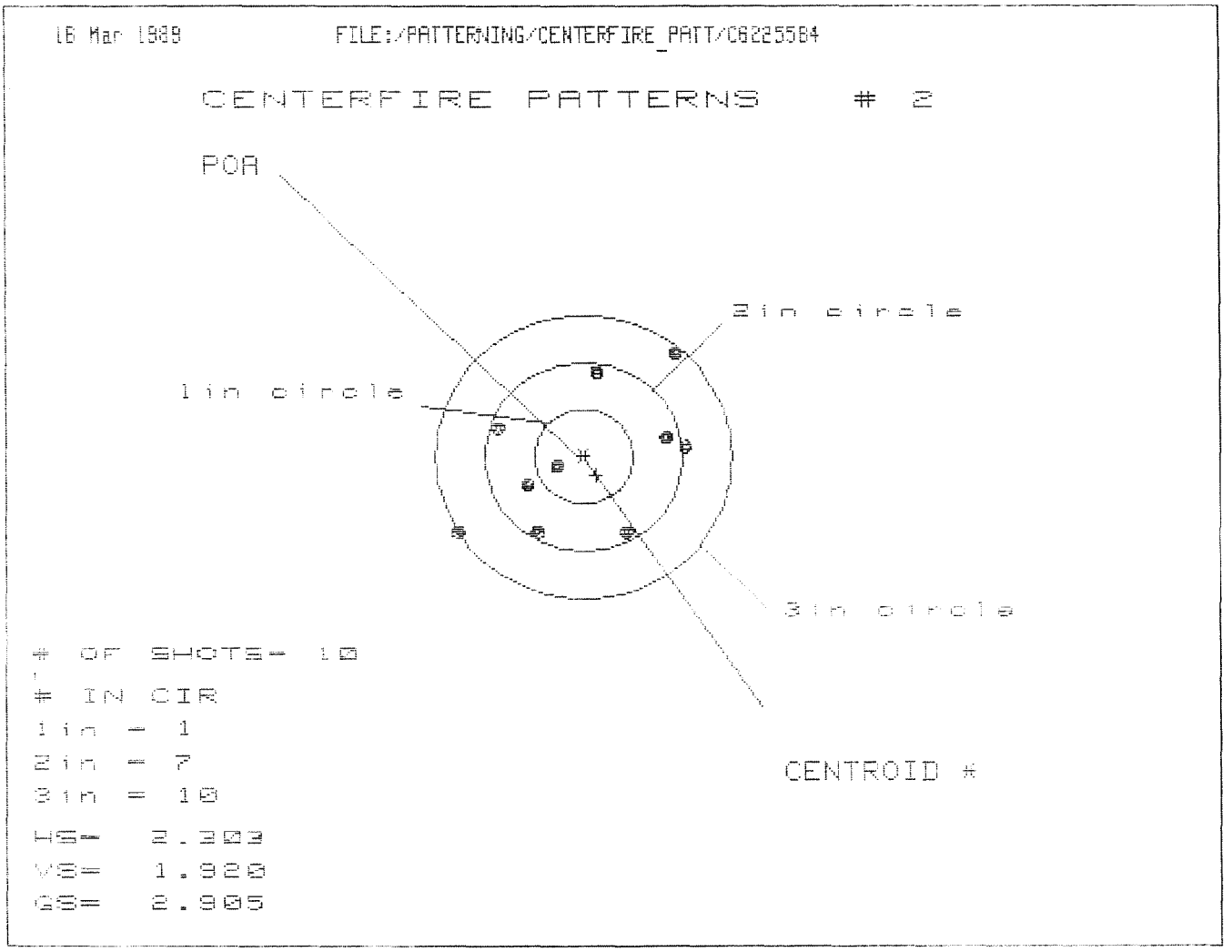
16 Mar 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C62255B4

CENTERFIRE PATTERNS # 1

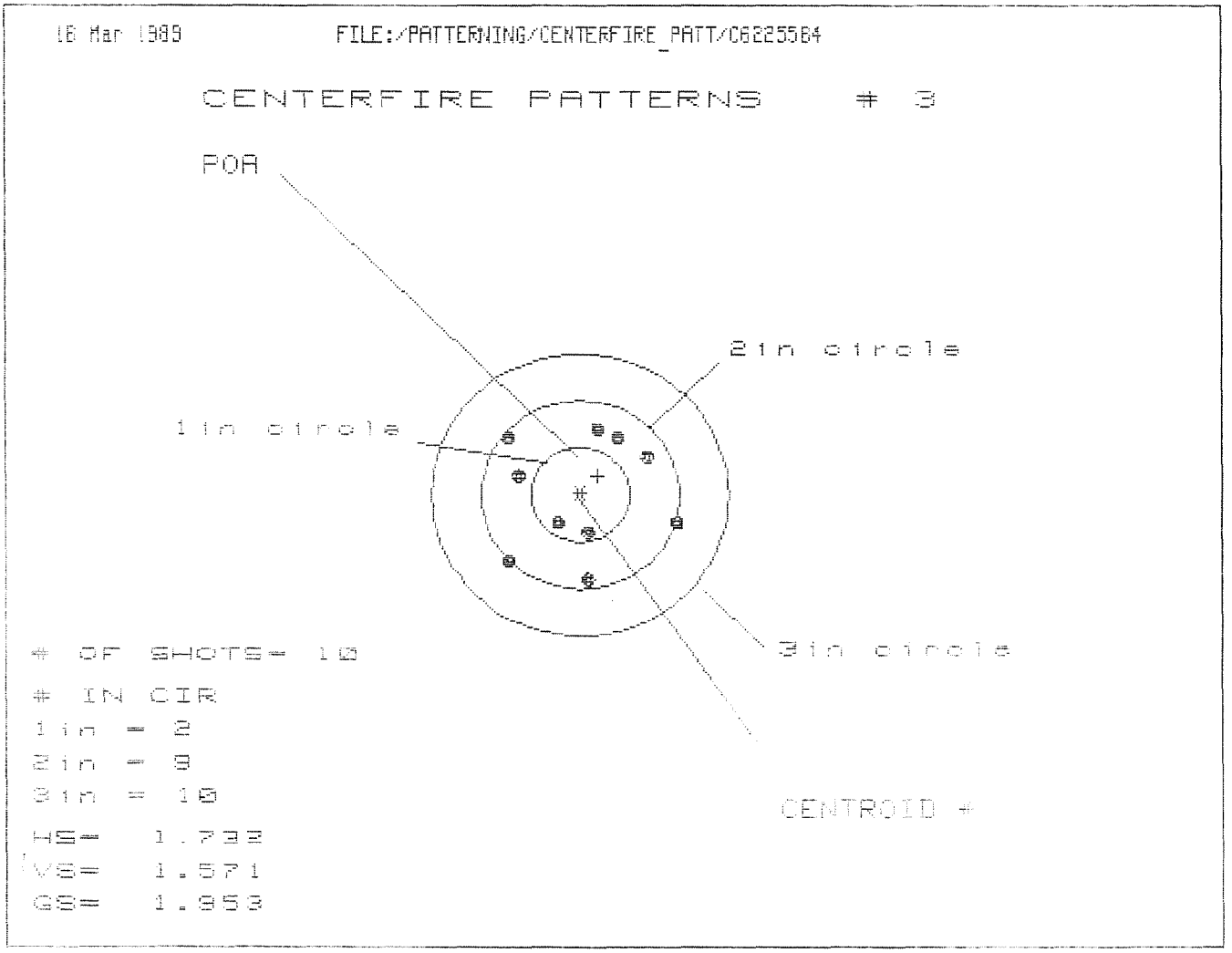



# OF SHOTS= 10
# IN CIR
1in = 2
2in = 6
3in = 10
HS= 2.010
VS= 2.237
GS= 2.293

| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 1 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | .915 | .830 | .683 |
| MINIMUM X | : | -1.095 | -1.180 | -.737 |
| MAXIMUM Y | : | 1.113 | .988 | 1.030 |
| MINIMUM Y | : | -1.124 | -.988 | -.947 |
| CENTROID X | : | -.114 | -.029 | .118 |
| CENTROID Y | : | .507 | .632 | .591 |
| POA TO CENTROID in. | : | .520 | .633 | .602 |
| MIN RADIUS | : | .180 | .233 | .129 |
| MEAN RADIUS | : | .857 | .790 | .715 |
| MAX RADIUS | : | 1.361 | 1.226 | 1.180 |
| HORIZONTAL SPREAD | : | 2.010 | 2.010 | 1.420 |
| VERTICAL SPREAD | : | 2.237 | 1.976 | 1.976 |
| EXTREME SPREAD | : | 2.293 | 2.243 | 2.243 |
| NUMBER IN ONE INCH CIRCLE | = | | 2 | |
| NUMBER IN TWO INCH CIRCLE | = | | 6 | |
| NUMBER IN THREE INCH CIRCLE | = | | 10 | |



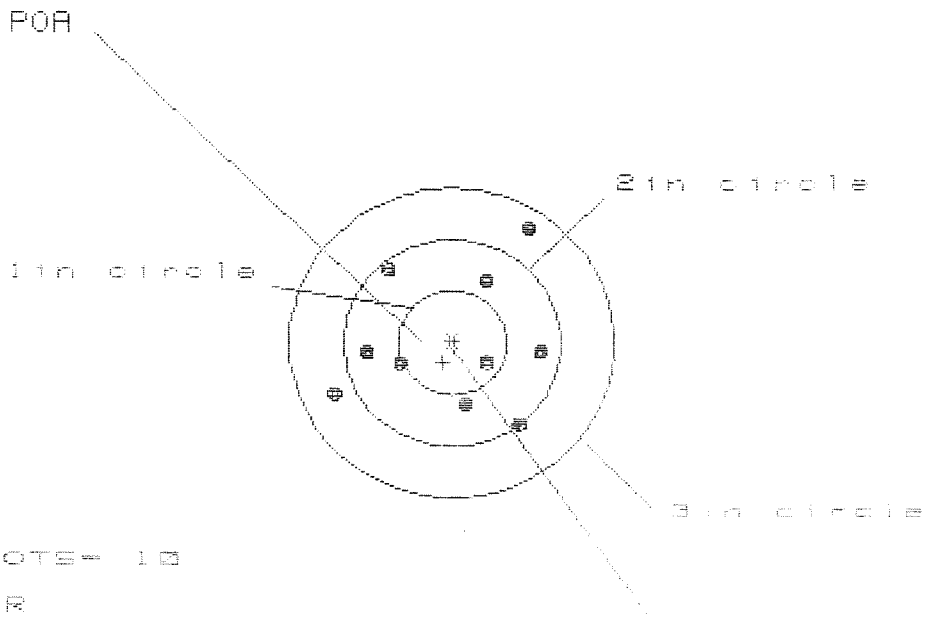

| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 2 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.071 | .934 | 1.035 |
| MINIMUM X | : | -1.232 | -1.033 | -.932 |
| MAXIMUM Y | : | 1.120 | 1.031 | .905 |
| MINIMUM Y | : | -.808 | -.860 | -.704 |
| CENTROID X | : | -.130 | .007 | -.094 |
| CENTROID Y | : | .197 | .286 | .157 |
| POA TO CENTROID in. | : | .236 | .286 | .183 |
| MIN RADIUS | : | .292 | .449 | .321 |
| MEAN RADIUS | : | .935 | .881 | .802 |
| MAX RADIUS | : | 1.469 | 1.312 | 1.051 |
| HORIZONTAL SPREAD | : | 2.303 | 1.967 | 1.967 |
| VERTICAL SPREAD | : | 1.920 | 1.894 | 1.639 |
| EXTREME SPREAD | : | 2.905 | 2.335 | 1.972 |
| NUMBER IN ONE INCH CIRCLE | = | | 1 | |
| NUMBER IN TWO INCH CIRCLE | = | | 7 | |
| NUMBER IN THREE INCH CIRCLE | = | | 10 | |




| | | | | |
|---|---|---|---|---|
| PATTERN # | : | 3 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM Y | | .739 | .628 | .683 |
| MINIMUM X | : | -.739 | -.628 | -.683 |
| MAXIMUM Y | : | .685 | .650 | .564 |
| MINIMUM Y | : | -.886 | -.921 | -1.008 |
| CENTROID X | : | -.175 | -.286 | -.207 |
| CENTROID Y | : | -.204 | -.169 | -.082 |
| POA TO CENTROID in. | : | .269 | .332 | .223 |
| MIN RADIUS | : | .365 | .338 | .449 |
| MEAN RADIUS | : | .756 | .716 | .635 |
| MAX RADIUS | : | 1.040 | .937 | 1.010 |
| HORIZONTAL SPREAD | : | 1.732 | 1.451 | 1.427 |
| VERTICAL SPREAD | : | 1.571 | 1.571 | 1.571 |
| EXTREME SPREAD | : | 1.953 | 1.801 | 1.699 |
| NUMBER IN ONE INCH CIRCLE | = | | 2 | |
| NUMBER IN TWO INCH CIRCLE | = | | 9 | |
| NUMBER IN THREE INCH CIRCLE | = | | 10 | |

16 Mar 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6825584

# CENTERFIRE PATTERNS # 4




# OF SHOTS= 10

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

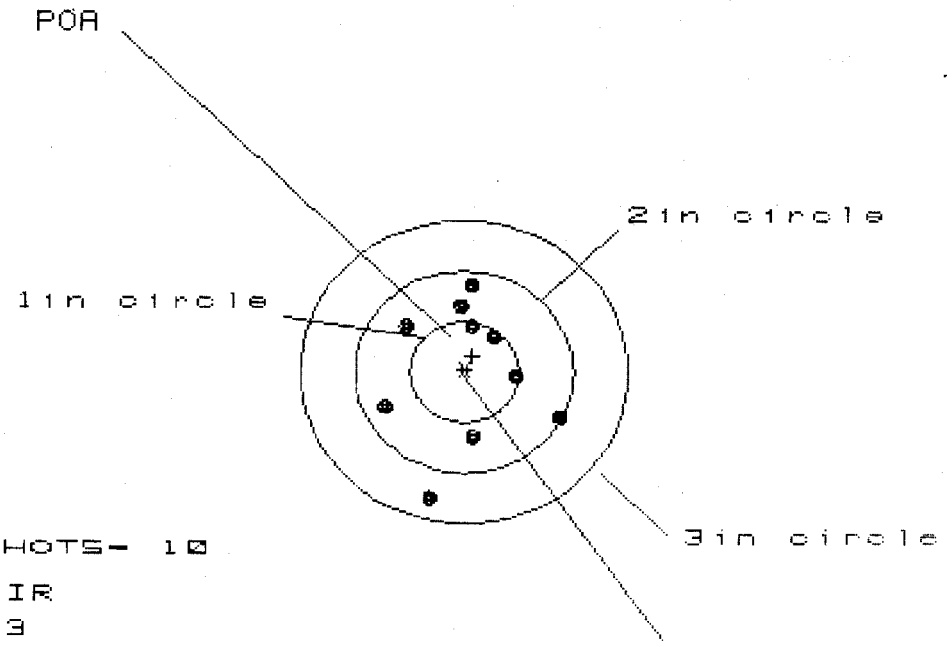
HS= 1.945
VS= 1.863
GS= 2.471

PATTERN # : [redacted]

| | | | | |
|---|---|---|---|---|
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | .829 | .913 | .784 |
| MINIMUM X | : | -1.116 | -1.032 | -.842 |
| MAXIMUM Y | : | 1.082 | .870 | .819 |
| MINIMUM Y | : | -.781 | -.660 | -.711 |
| CENTROID X | : | .086 | .001 | .130 |
| CENTROID Y | : | .191 | .070 | .121 |
| POA TO CENTROID in. | : | .209 | .070 | .178 |
| MIN RADIUS | : | .351 | .400 | .283 |
| MEAN RADIUS | : | .829 | .760 | .705 |
| MAX RADIUS | : | 1.323 | 1.108 | 1.015 |
| HORIZONTAL SPREAD | : | 1.945 | 1.945 | 1.626 |
| VERTICAL SPREAD | : | 1.863 | 1.530 | 1.530 |
| EXTREME SPREAD | : | 2.471 | 1.993 | 1.903 |
| NUMBER IN ONE INCH CIRCLE | = | | 1 | |
| NUMBER IN TWO INCH CIRCLE | = | | 8 | |
| NUMBER IN THREE INCH CIRCLE | = | | 10 | |

16 Mar 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C62255B4

# CENTERFIRE PATTERNS # 5




# OF SHOTS= 10

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

HS= 1.668
VS= 2.134
GS= 2.169

PATTERN # : 5

| | | | |
|---|---|---|---|
| SHOTS (BEST OF) : | 10 | 9 | 8 |
| MAXIMUM X : | .900 | .861 | .495 |
| MINIMUM X : | -.768 | -.807 | -.700 |
| MAXIMUM Y : | .859 | .718 | .642 |
| MINIMUM Y : | -1.274 | -.831 | -.906 |
| CENTROID X : | -.072 | -.033 | -.140 |
| CENTROID Y : | -.159 | -.017 | .058 |
| POA TO CENTROID in.: | .174 | .037 | .152 |
| MIN RADIUS : | .418 | .283 | .294 |
| MEAN RADIUS : | .743 | .641 | .576 |
| MAX RADIUS : | 1.323 | 1.051 | .912 |
| HORIZONTAL SPREAD : | 1.668 | 1.668 | 1.195 |
| VERTICAL SPREAD : | 2.134 | 1.549 | 1.549 |
| EXTREME SPREAD : | 2.169 | 1.717 | 1.549 |

NUMBER IN ONE INCH CIRCLE = 3
NUMBER IN TWO INCH CIRCLE = 8
NUMBER IN THREE INCH CIRCLE = 10

# RECEIVING AND ESTIMATING REPORT

COMMENTS: WOG 13 OF 19 M-24

ORDER: R 97-09521

| INITIAL | CUSTOMER ORDER NO. |
|---|---|
| JJM | 012060 |

| DATE RECEIVED | DATE OPENED | DATE CODE | SERIAL NUMBER | NEW SERIAL NUMBER | MODEL AND GRADE |
|---|---|---|---|---|---|
| 05/14/97 | 05/14/97 | BJ 1-89 | C6225584 | | 700 7.62 NATO |

ACCESSORIES: W/STUDS SCOPE BASE

FROM:

CDR, HSC
HSC 1/7 SFG (A)
FT BRAGG NC 28307

SHIP TO:

CDR, HSC
HSC 1/7 SFG (A)
FT BRAGG NC
28307

CUST NO: 162915 C.O.D.

| ACCOUNT NUMBER | ACCOUNT NUMBER N/C | WRITE | PROM. DATE | ESTIMATED | VIA |
|---|---|---|---|---|---|
| | | ☐ | | | DOOR |

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 | A | 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 ASSY - 96001

COMMENTS: Repowder Coat Trigger Guard ASSY, Front & Rear Sight Bases, Re-zinc Scope Base & Swivel Studs

| REPAIRMAN | PROOF | CLEAN | TEST | TARGET | PATTERN |
|---|---|---|---|---|---|
| RW | ✓ | ✓ | ✓ | ✓ | |

| GALLERY TESTER | DATE | DATE | DATE | DATE | DATE |
|---|---|---|---|---|---|
| JW | 5-16-97 | 7-11-97 | 7-17-97 | 7-17-97 | |

OFFICE COPY

RD6925 REV. 11/96

# 21 DAY TURN - AROUND

New Barrel

**M-24**
**CONTRACT # DAAA09-92-C-0834**

**R&E NO.** **SERIAL NO.** C6225584

| | | LOG IN DATE: / / | DATE | INIT. |
|---|---|---|---|---|
| | | INSPECT & VERIFY: | | |
| OP. # | | OP. NAME | | |
| 550 | | DIS-ASSEMBLE GUN | | |
| 560 | A | RE-BARREL AT CUSTOM SHOP | | |
| | B | DRILL & TAP | | |
| | C | POLISH | | |
| 575 | | ASSEMBLE | | |
| 600 | | PROOF | 5-16-97 | |
| 605 | | CHECK HEADSPACE | 5-16-97 | |
| 610 | | DIS-ASSEMBLE | | |
| 612 | | MAGNAFLUX | | |
| 615 | | ROLLMARK CALIBER | | |
| 618 | | ROTO-BLAST | | |
| 620 | | APPLY COATINGS | | |
| 625 | A | FINAL ASSEMBLY | 7-11-97 | |
| | B | TRIGGER PULL TEST | | |
| | C | SAFETY ON FORCE | | |
| | D | SAFETY OFF FORCE | | |
| | E | FIRING PIN INDENT | | |
| 640 | | TARGET | 7-17-97 | |
| 655 | | FINAL INSPECT | | |
| 660 | | PACK | | |
| | | QAR INSPECTION | SHIP DATE | |

SWS/Repair

# Final Inspection

S/N: C6225584 | DATE REC'D: 5-14-97 | DATE RET'D:

AUDITOR: RW

Item:

BARREL ASSY.

- ✓ BARREL
- ✓ RECEIVER
- ✓ FRONT SIGHT BLOCK
- ✓ REAR SIGHT BLOCK
- ✓ SCREWS
- ✓ FINISH

SCOPE ASSY.

- ___ SCOPE
- ___ SCOPE RINGS
- ✓ MOUNTING SCREWS
- ✓ MOUNTING BASE
- ___ SCREWS
- ___ FINISH
- ___ LOOSENESS
- ___ CLARITY

MISC.

- ___ DD-250
- ___ BAR CODE
- ___ PACKAGING

Item:

STOCK ASSY.

- ✓ STOCK
- ✓ SLING SWIVEL STUDS
- ✓ ADJUSTABLE BUTT PLATE
- ✓ LOCK NUTS
- ✓ BARREL CLEARANCE
- ✓ COLOR/FINISH

SYSTEMS CASE

- ___ SCOPE CASE
- ___ IRON SIGHTS
- ___ DEPLOYMENT KIT

TRIGGER

- ✓ SAFETY OPERATION
- ✓ SET
- ___

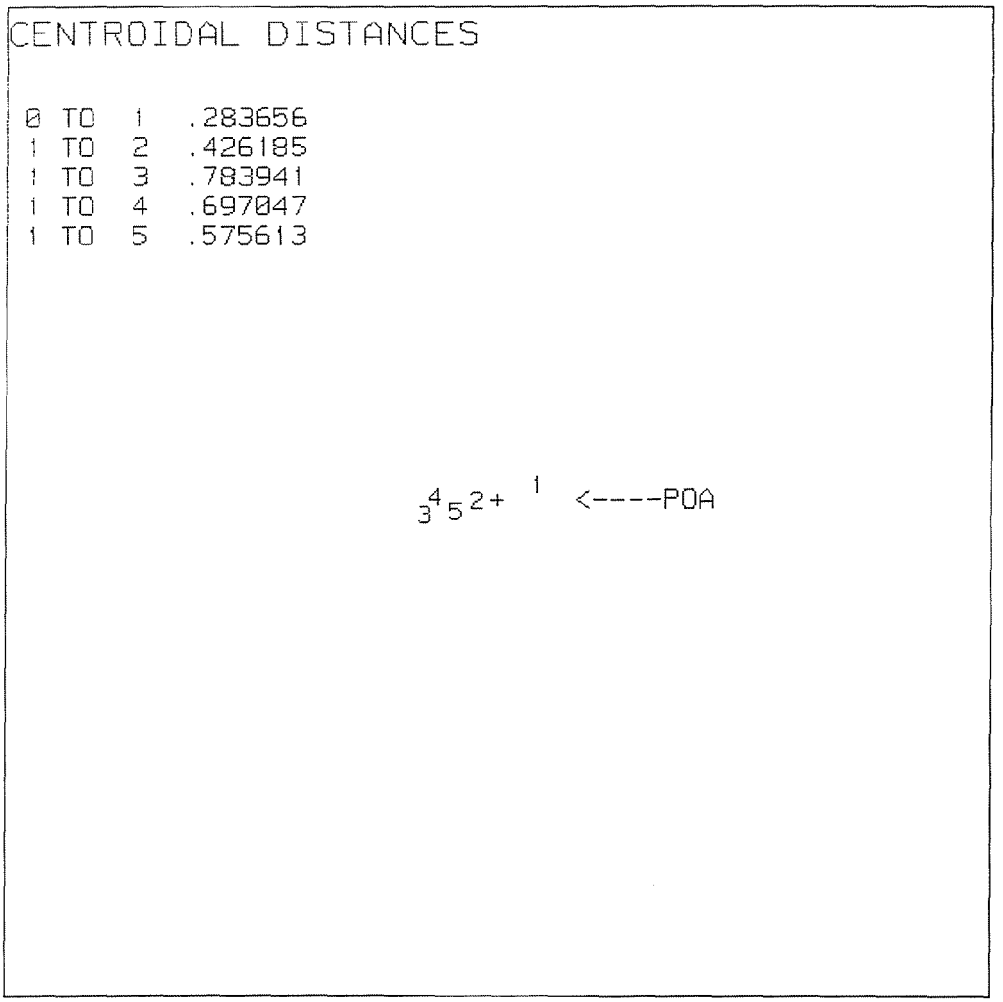
COMMENTS: _____

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225584
17 Jul 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.214
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.019
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .214842

THE AMR FOR THIS RIFLE IS: 1.232

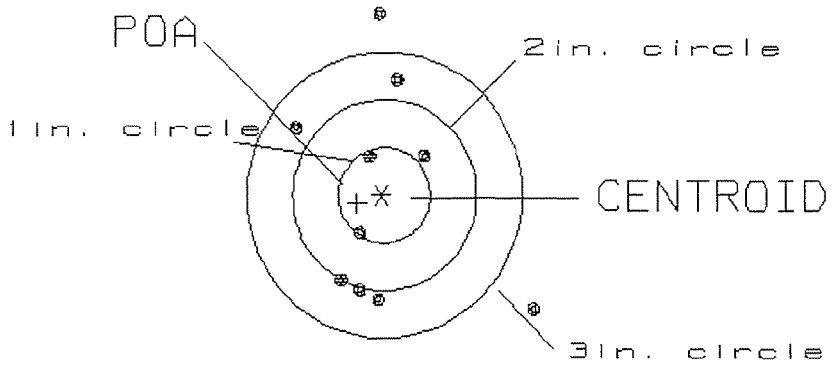


REMINGTON CENTERFIRE ACCURACY TEST  REMINGTON TEST LAB, ILION, N.Y.

| | |
|---|---|
| PATTERN #: | 1 |
| POA TO CENTROID: | .283 |
| MIN RADIUS : | .426 |
| MEAN RADIUS : | 1.121 |
| MAX RADIUS : | 2.072 |
| CENTROID X : | .269 |
| CENTROID Y : | .090 |

17 Jul 1997  FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225584.1.1

## CENTERFIRE PATTERN # 1



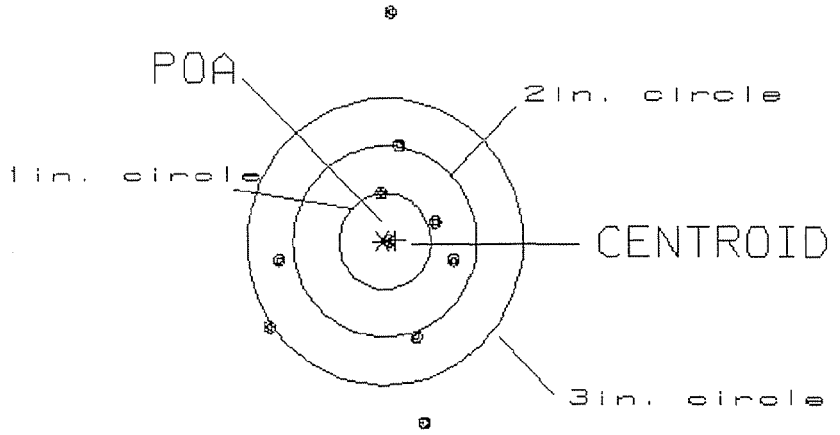

| # OF SHOTS= 10 | # IN CIRCLE |
|---|---|
| HS= 2.68 | 2 |
| VS= 3.16 | 3 |
| GS= 3.60 | 8 |

REMINGTON CENTERFIRE ACCURACY TEST  REMINGTON TEST LAB, ILION, N.Y.

| | |
|---|---|
| PATTERN #: | 2 |
| POA TO CENTROID: | .146 |
| MIN RADIUS : | .095 |
| MEAN RADIUS : | 1.117 |
| MAX RADIUS : | 2.374 |
| CENTROID X : | -.146 |
| CENTROID Y : | -.007 |

17 Jul 1997  FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225584.1.1

## CENTERFIRE PATTERN # 2




| # OF SHOTS= 10 | # IN CIRCLE |
|---|---|
| HS= 1.96 | 1 |
| VS= 4.31 | 4 |
| GS= 4.32 | 7 |

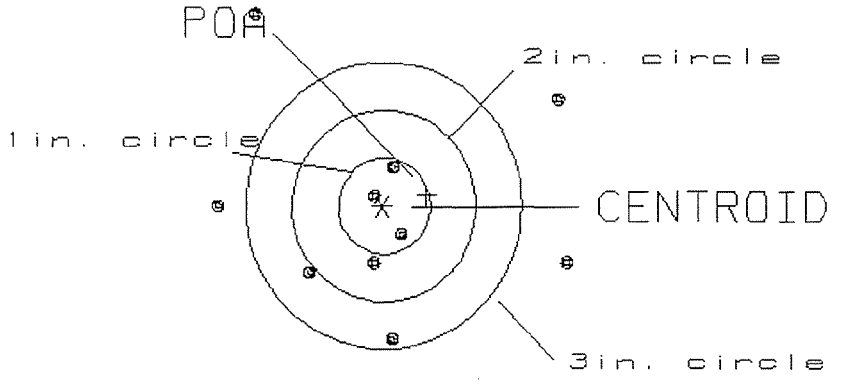
REMINGTON CENTERFIRE ACCURACY TEST  REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3

| | |
|---|---|
| POA TO CENTROID: | .501 |
| MIN RADIUS : | .112 |
| MEAN RADIUS : | 1.241 |
| MAX RADIUS : | 2.403 |
| CENTROID X : | -.489 |
| CENTROID Y : | -.110 |

17 Jul 1997  FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225584.1.1

## CENTERFIRE PATTERN # 3



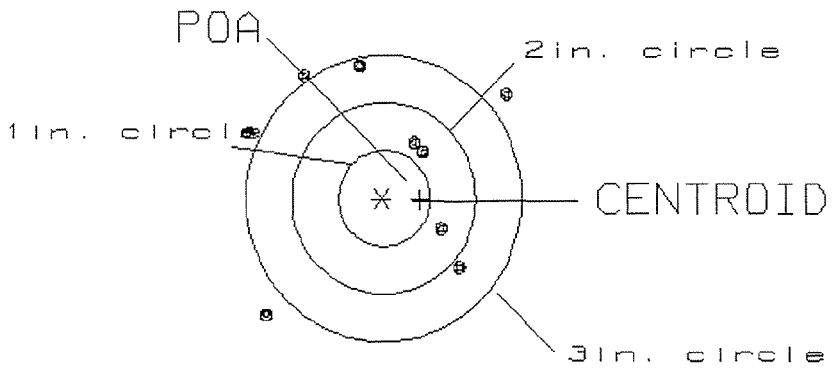

| # OF SHOTS= 10 | # IN CIRCLE |
|---|---|
| HS= 3.82 | 3 |
| VS= 3.34 | 4 |
| GS= 4.21 | 6 |

REMINGTON CENTERFIRE ACCURACY TEST  REMINGTON TEST LAB, ILION, N.Y.

| | |
|---|---|
| PATTERN #: | 4 |
| POA TO CENTROID: | .424 |
| MIN RADIUS : | .601 |
| MEAN RADIUS : | 1.414 |
| MAX RADIUS : | 3.088 |
| CENTROID X : | -.424 |
| CENTROID Y : | .015 |

17 Jul 1997  FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225584.1.1

## CENTERFIRE PATTERN # 4




| # OF SHOTS= 10 | # IN CIRCLE |
|---|---|
| HS= 2.75 | 0 |
| VS= 4.43 | 3 |
| GS= 4.49 | 5 |

REMINGTON CENTERFIRE ACCURACY TEST  REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5

| | |
|---|---|
| POA TO CENTROID: | .292 |
| MIN RADIUS : | .227 |
| MEAN RADIUS : | 1.268 |
| MAX RADIUS : | 2.533 |
| CENTROID X : | -.280 |
| CENTROID Y : | -.083 |

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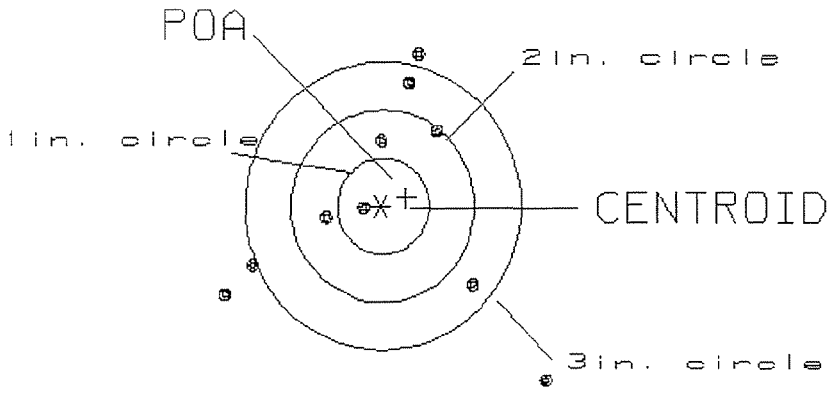
## CENTERFIRE PATTERN # 5




| # OF SHOTS= 10 | # IN CIRCLE |
|---|---|
| HS= 3.48 | 1 |
| VS= 3.39 | 4 |
| GS= 3.68 | 6 |