

G 659 0224  
Ryke  
G 639 1079

## Repair Inquiry

Repair Number: RE00126864

Serial: G6391079 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

Closed 3/19/2007 11:40:30 AM

## Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORTATION DIVISION DFEL

TRANSPORTATION DIVISION DFEL

Address 1: 6759 MITCHELL AVENUE

6759 MITCHELL AVENUE

Address 2: BLDG 1836

PO Box:

BLDG 1836

PO Box:

City: FORT BENNING

FORT BENNING

State: GA

Zip Code: 31905

Country: US

State: GA

Zip Code: 31905

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   |
| A017 | Scope Base            | 1   |
| A026 | Scope                 | 1   |
| A045 | Bi Pod                | 1   |
| A057 | Fit and Rear Sgt Base | 2   |

## Repair Search

Refresh

Close

naglej

3/19/2007

1:45 PM

CAPS

NUM

INS-

SCRL

start

4 Microso...

Part Search...

RAC0179-R...

5 Interne...

Arms Servic...

1:45 PM

G 659 0224 (new)

**G6391079**

Serial Number: **G6391079**

Model: **M24 SWS**



**RE00126864**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590224.\_\_\_0  
FILE DATE AND TIME: 04/13/2007 23:15

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.069 |
| The Average Y Centroid of the Five Target Set:              | 0.053  |
| The Average Point of Impact of the Five Target Set:         | 0.087  |
| The Average Mean Radius of the Five Target Set:             | 0.756  |
| The Distance from POA to Centroid Target #1:                | 0.205  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.173  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.174  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.194  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.123  |

**BARBER - M24 0166987**

SERIAL NUMBER: G6590224. 0

TARGET NUMBER: 1

FILE DATE: 04/13/2007

FILE TIME: 23:15

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.332  | 0.437  |
| 2:     | 0.480  | 0.156  |
| 3:     | 0.905  | -0.703 |
| 4:     | 0.429  | -1.310 |
| 5:     | 0.002  | -0.611 |
| 6:     | -0.374 | 0.057  |
| 7:     | -0.787 | 0.095  |
| 8:     | -1.034 | 0.361  |
| 9:     | -1.472 | 1.114  |
| 10:    | -0.310 | 1.329  |

X CENTROID: -0.183

Y CENTROID: 0.092

POA TO CENTROID: 0.205

HORZ SPREAD: 2.377

VERT SPREAD: 2.639

GROUP SPREAD: 3.081

MIN RADIUS: 0.194

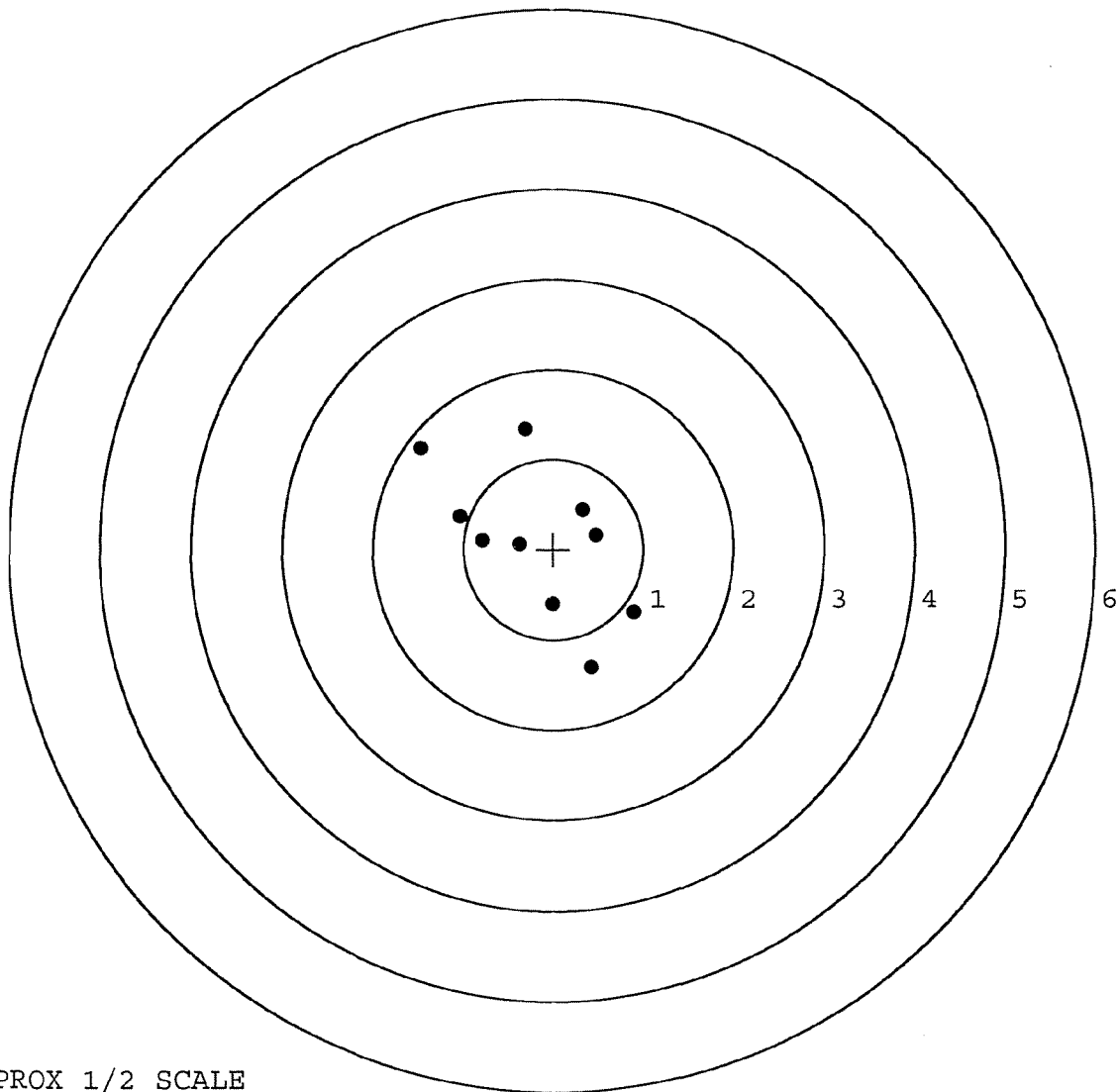
MAX RADIUS: 1.645

MEAN RADIUS: 0.947

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

**BARBER - M24 0166988**

SERIAL NUMBER: G6590224. 0

TARGET NUMBER: 2

FILE DATE: 04/13/2007

FILE TIME: 23:15

| POINT# | X | Y |
|--------|---|---|
|--------|---|---|

|    |        |       |
|----|--------|-------|
| 1: | -0.563 | 0.874 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 2: | -0.231 | 0.466 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 3: | -0.699 | 0.144 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 4: | -0.262 | 0.073 |
|----|--------|-------|

|    |        |        |
|----|--------|--------|
| 5: | -0.108 | -0.335 |
|----|--------|--------|

|    |        |        |
|----|--------|--------|
| 6: | -0.549 | -0.536 |
|----|--------|--------|

|    |       |        |
|----|-------|--------|
| 7: | 0.050 | -1.134 |
|----|-------|--------|

|    |       |       |
|----|-------|-------|
| 8: | 0.341 | 0.000 |
|----|-------|-------|

|    |       |        |
|----|-------|--------|
| 9: | 0.728 | -0.049 |
|----|-------|--------|

|     |       |       |
|-----|-------|-------|
| 10: | 0.779 | 0.293 |
|-----|-------|-------|

X CENTROID: -0.051

Y CENTROID: -0.020

POA TO CENTROID: 0.055

HORZ SPREAD: 1.478

VERT SPREAD: 2.008

GROUP SPREAD: 2.099

MIN RADIUS: 0.230

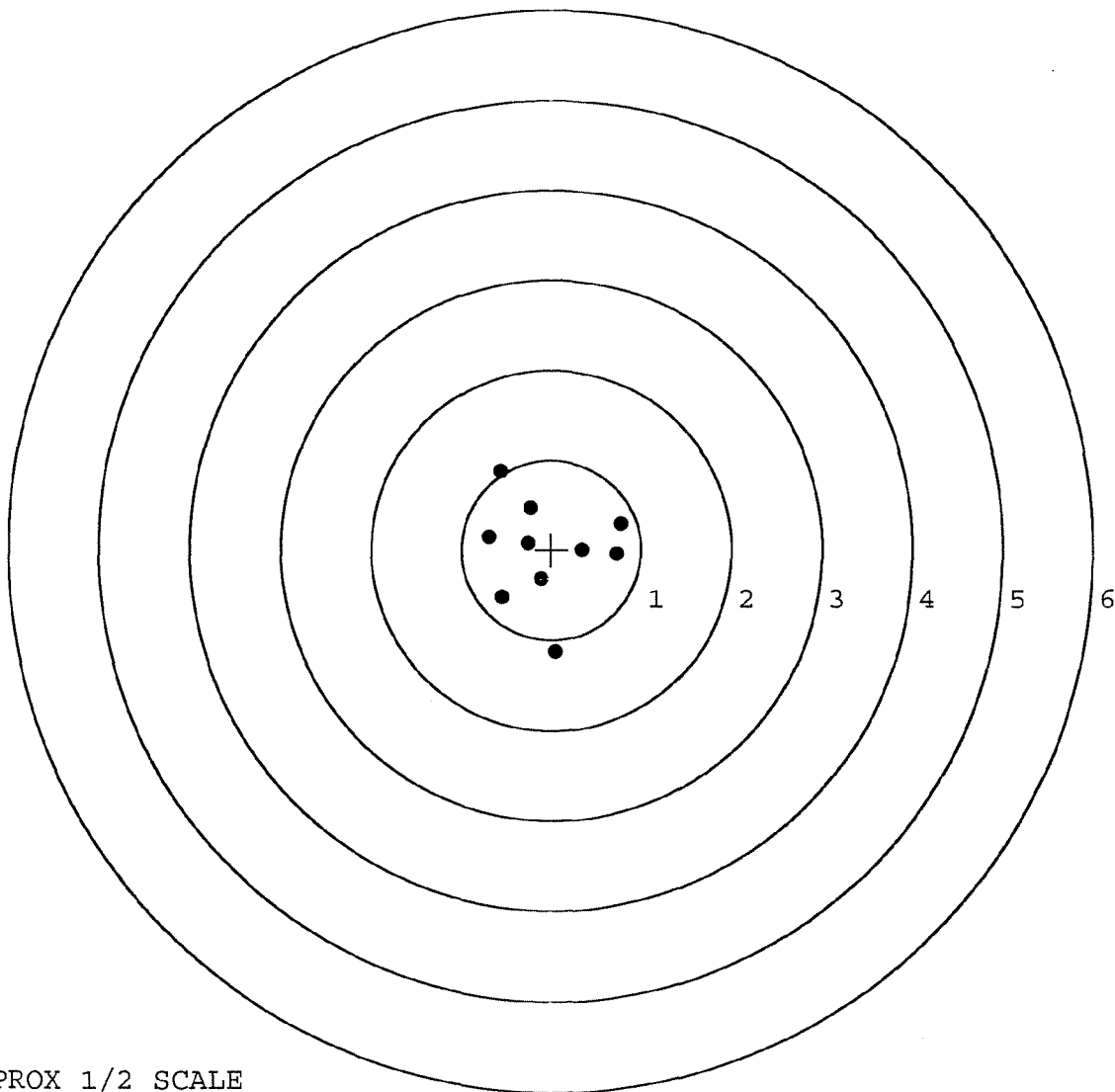
MAX RADIUS: 1.118

MEAN RADIUS: 0.666

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0166989**

SERIAL NUMBER: G6590224. \_\_0

TARGET NUMBER: 3

FILE DATE: 04/13/2007

FILE TIME: 23:15

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.504 | 0.918  |
| 2:     | -0.492 | 0.673  |
| 3:     | -0.495 | 0.357  |
| 4:     | 0.054  | 0.430  |
| 5:     | 0.012  | -0.018 |
| 6:     | -0.316 | -0.395 |
| 7:     | 0.322  | -0.304 |
| 8:     | 0.646  | -0.400 |
| 9:     | 1.077  | -0.315 |
| 10:    | -0.540 | 0.681  |

X CENTROID: -0.024

Y CENTROID: 0.163

POA TO CENTROID: 0.164

HORZ SPREAD: 1.617

VERT SPREAD: 1.318

GROUP SPREAD: 2.005

MIN RADIUS: 0.184

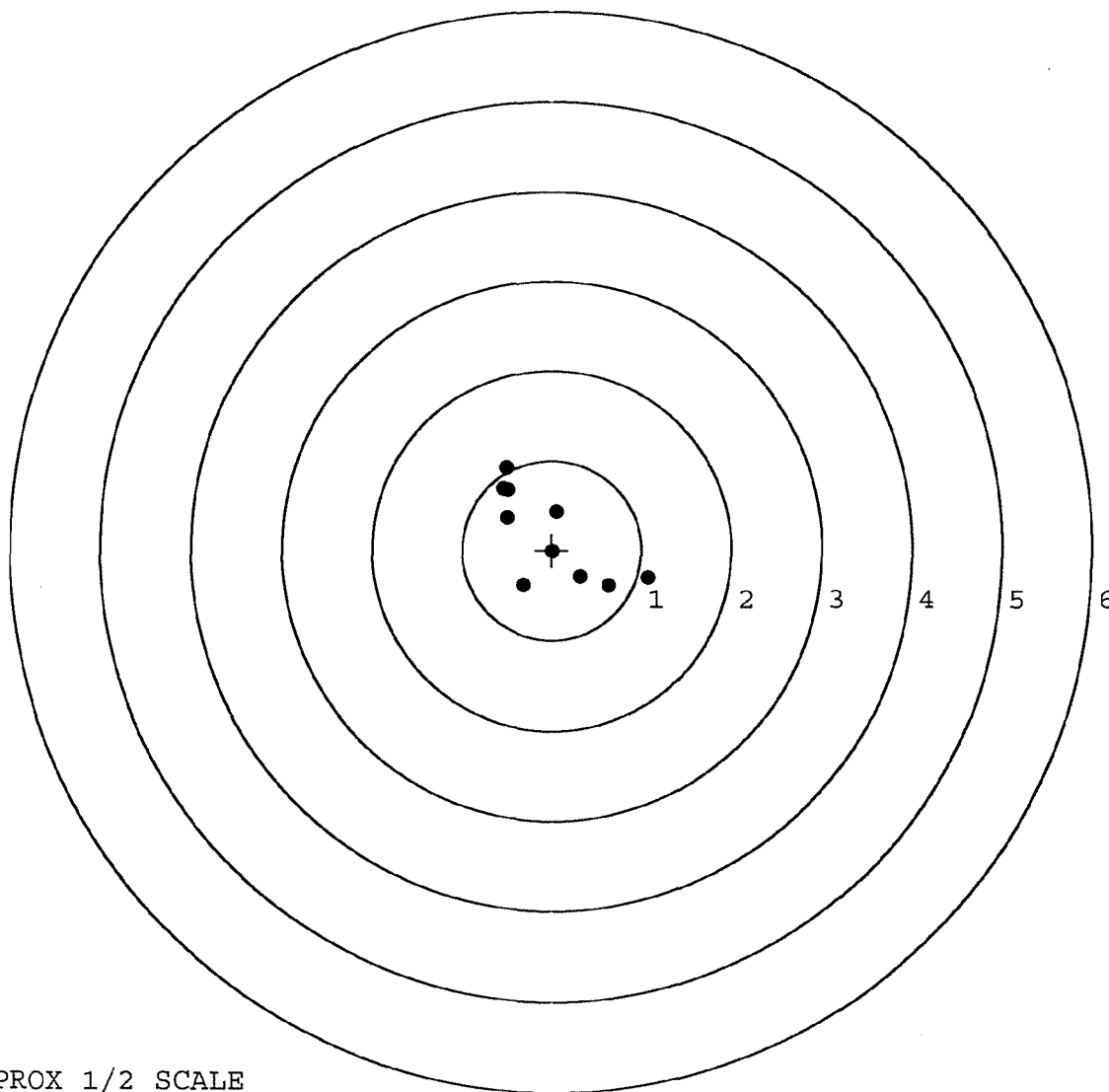
MAX RADIUS: 1.200

MEAN RADIUS: 0.658

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0166990**

SERIAL NUMBER: G6590224. 0

TARGET NUMBER: 4

FILE DATE: 04/13/2007

FILE TIME: 23:15

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.615 | 0.428  |
| 2:     | -0.561 | 0.057  |
| 3:     | -0.846 | 0.084  |
| 4:     | -1.085 | 0.479  |
| 5:     | 0.775  | 0.545  |
| 6:     | 0.244  | 0.524  |
| 7:     | 0.266  | -0.163 |
| 8:     | 0.578  | -0.251 |
| 9:     | 0.520  | -0.714 |
| 10:    | 0.587  | -1.016 |

X CENTROID: -0.014

Y CENTROID: -0.003

POA TO CENTROID: 0.014

HORZ SPREAD: 1.860

VERT SPREAD: 1.561

GROUP SPREAD: 2.243

MIN RADIUS: 0.322

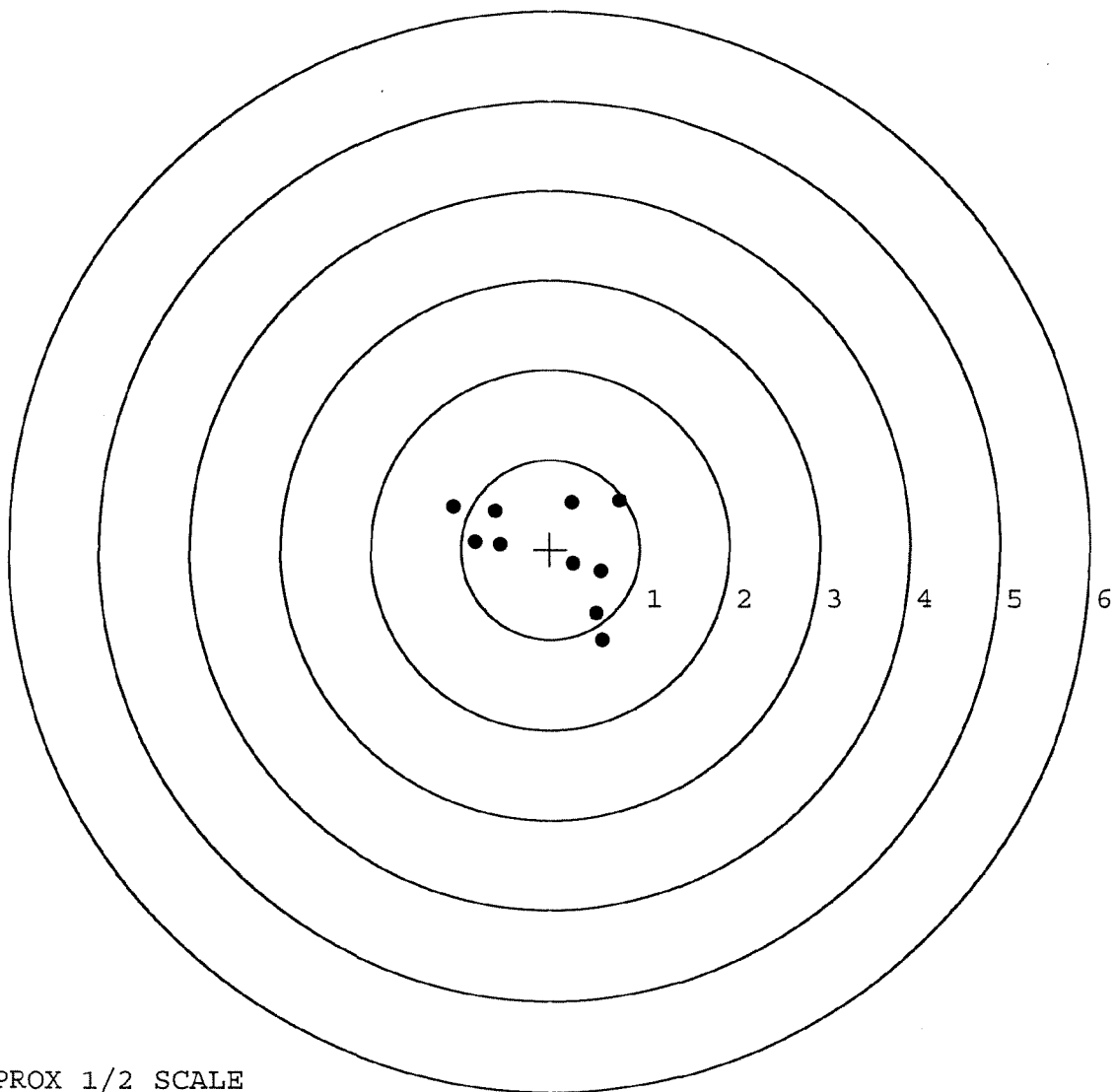
MAX RADIUS: 1.178

MEAN RADIUS: 0.788

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



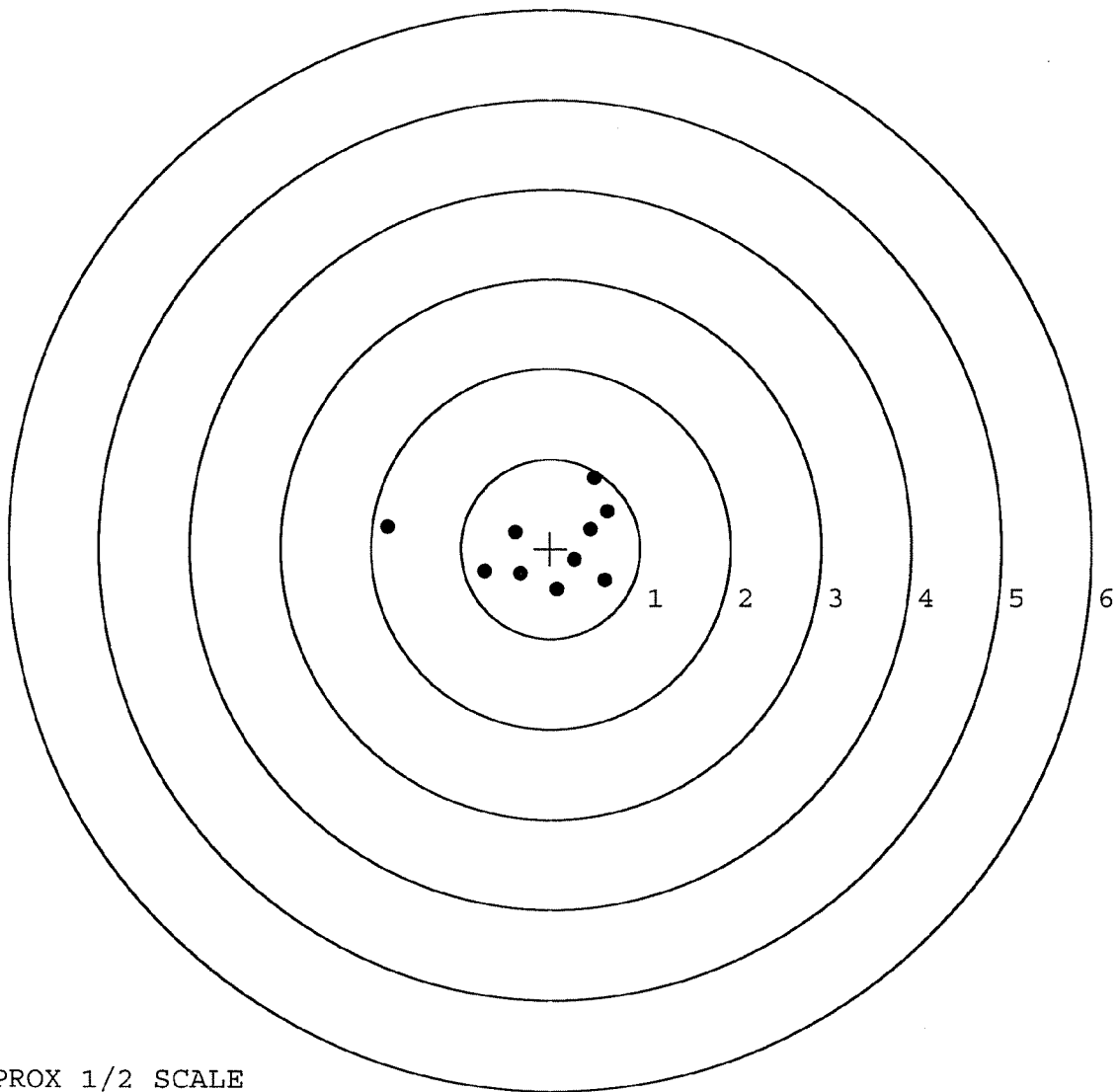
TARGET APPROX 1/2 SCALE

**BARBER - M24 0166991**

SERIAL NUMBER: G6590224. \_\_0  
 TARGET NUMBER: 5  
 FILE DATE: 04/13/2007  
 FILE TIME: 23:15

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.816 | 0.237  |
| 2:     | -0.736 | -0.265 |
| 3:     | -0.396 | 0.182  |
| 4:     | -0.336 | -0.286 |
| 5:     | 0.080  | -0.455 |
| 6:     | 0.272  | -0.132 |
| 7:     | 0.610  | -0.356 |
| 8:     | 0.449  | 0.215  |
| 9:     | 0.639  | 0.415  |
| 10:    | 0.488  | 0.787  |

X CENTROID: -0.075  
 Y CENTROID: 0.034  
 POA TO CENTROID: 0.082  
 HORZ SPREAD: 2.455  
 VERT SPREAD: 1.242  
 GROUP SPREAD: 2.497  
 MIN RADIUS: 0.354  
 MAX RADIUS: 1.753  
 MEAN RADIUS: 0.723  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 9

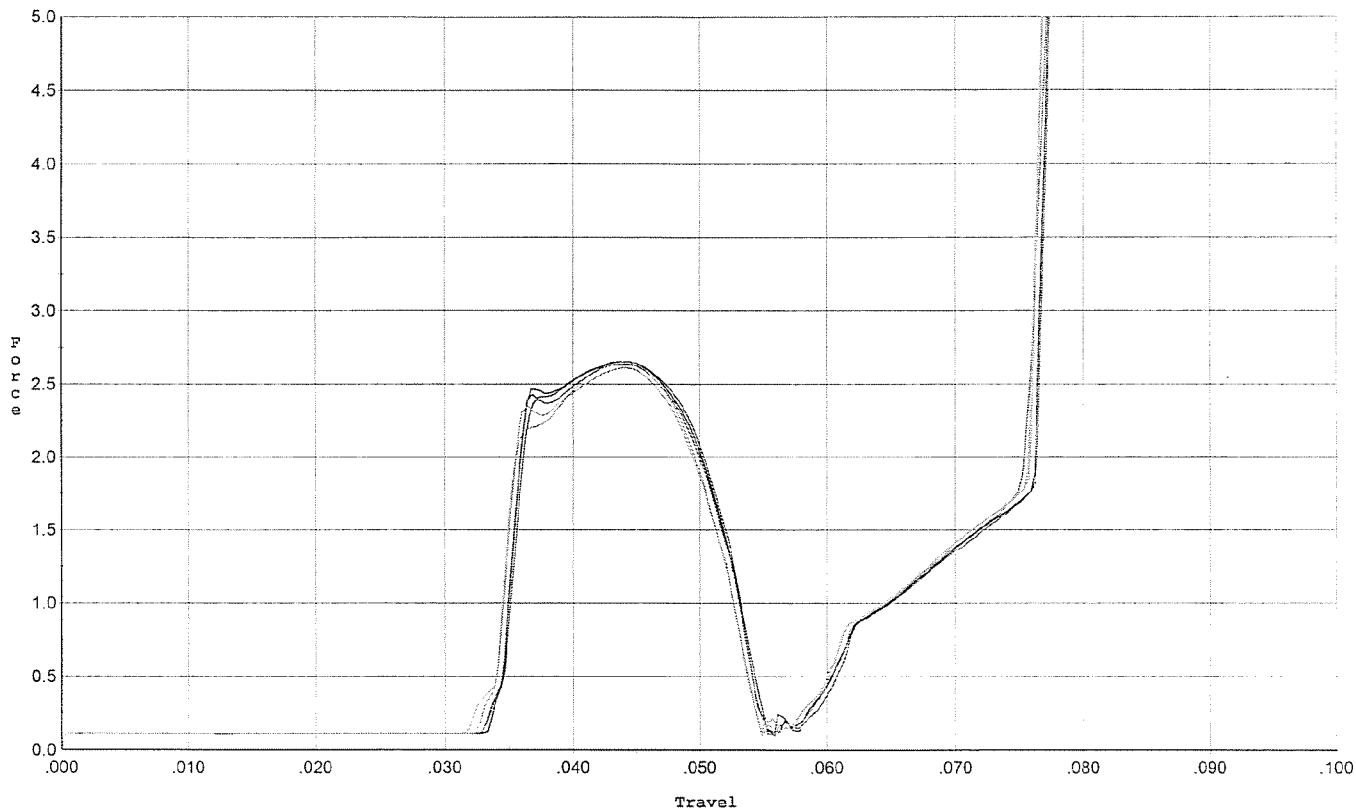


TARGET APPROX 1/2 SCALE

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 3/30/07

Model: M/24  
 Serial No: Form #F005  
 Trigger: 2.5 lbs. ini. +/- .50 lbs.



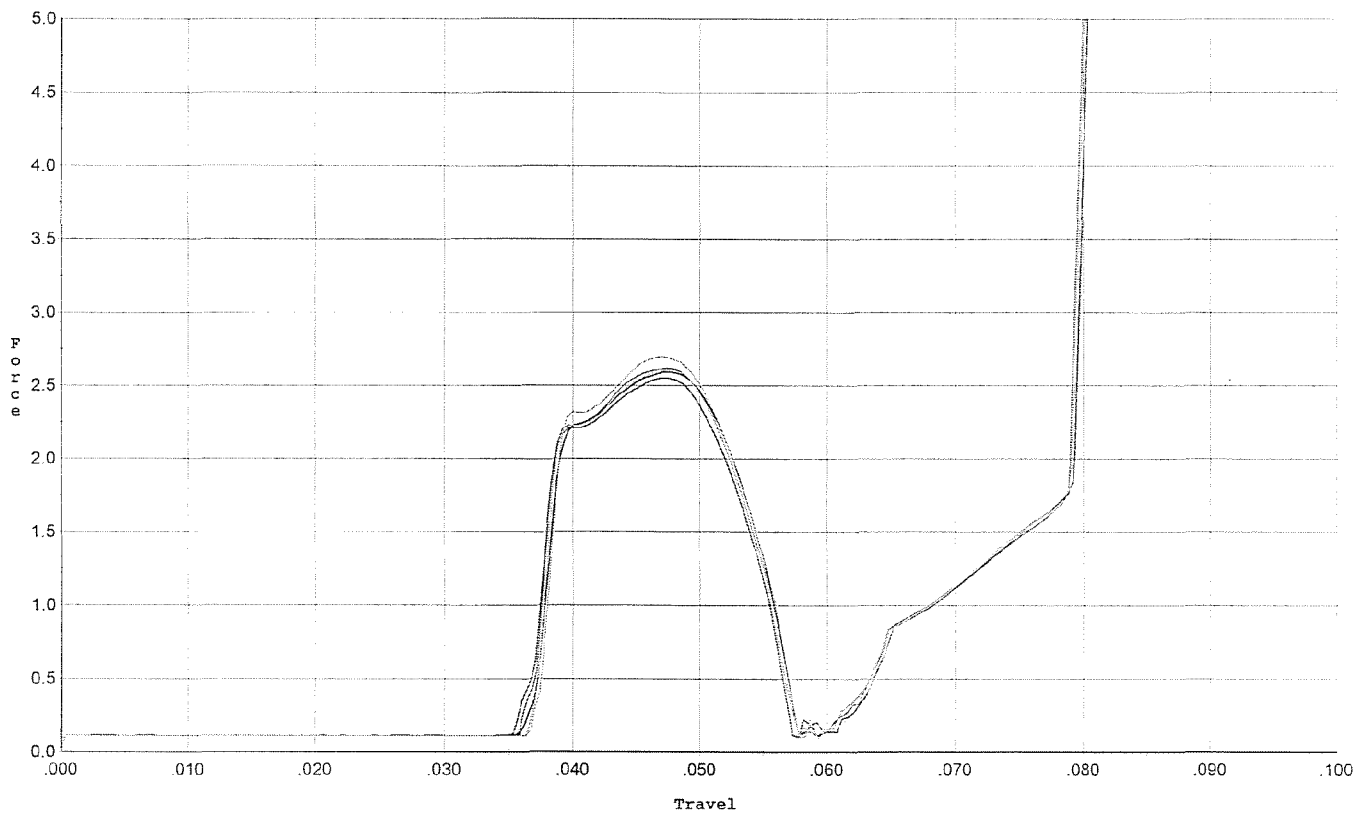
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.655      | 0.052             | 0.033           | 0.032      | 0.045             |           | Set Trigger |
| 2 | 2.652      | 0.053             | 0.034           | 0.032      | 0.045             |           | Set Trigger |
| 3 | 2.636      | 0.053             | 0.033           | 0.032      | 0.045             |           | Set Trigger |
| 4 | 2.614      | 0.052             | 0.032           | 0.032      | 0.044             |           | Set Trigger |
| 5 | 2.655      | 0.052             | 0.033           | 0.032      | 0.044             |           | Set Trigger |

Avg 2.64

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 3/30/07

Model: M/24  
 Serial No: Form #F005  
 Trigger: 2.5 lbs. after 50 cycles +/- .50 lbs.



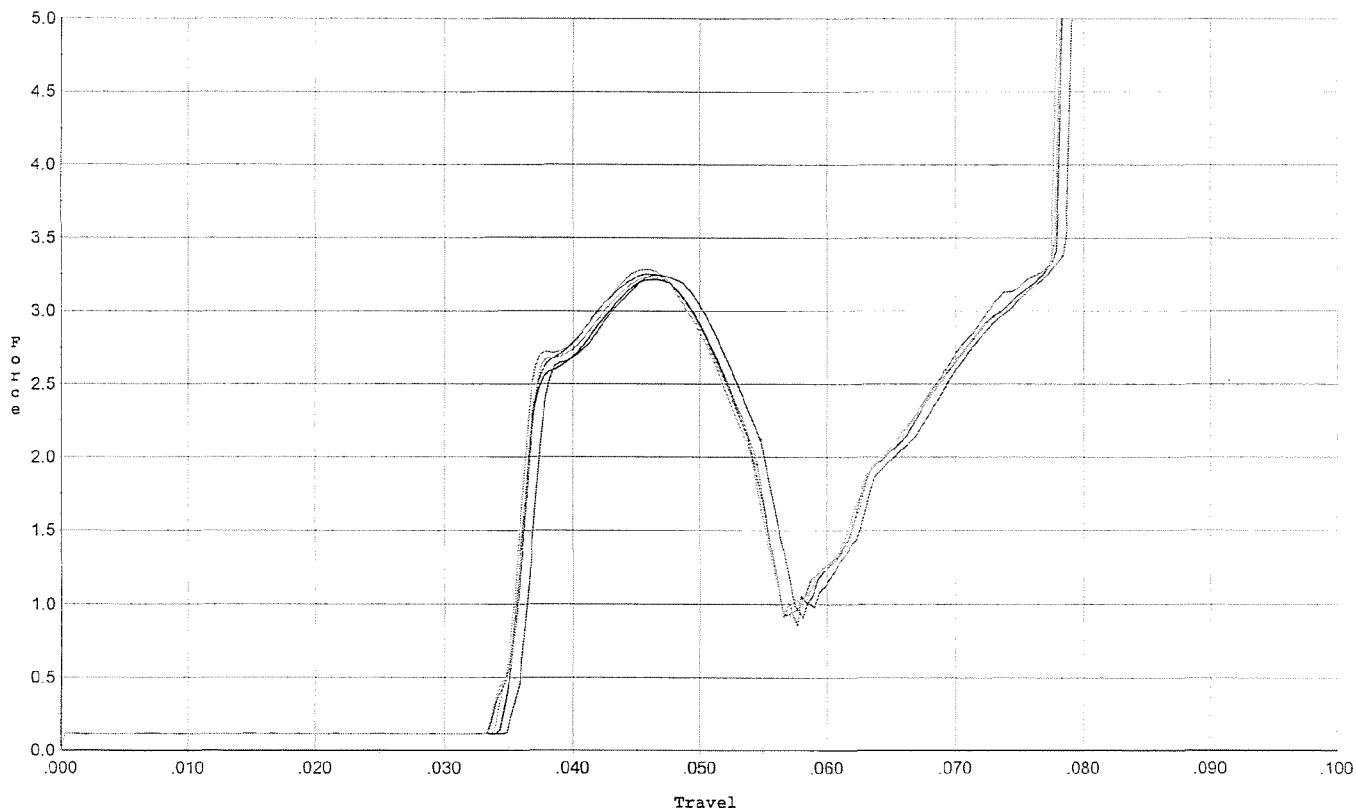
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.551      | 0.055             | 0.036           | 0.032      | 0.044             |           | Set Trigger |
| 2 | 2.595      | 0.056             | 0.036           | 0.032      | 0.044             |           | Set Trigger |
| 3 | 2.620      | 0.055             | 0.036           | 0.033      | 0.044             |           | Set Trigger |
| 4 | 2.606      | 0.055             | 0.037           | 0.032      | 0.043             |           | Set Trigger |
| 5 | 2.699      | 0.056             | 0.037           | 0.032      | 0.045             |           | Set Trigger |

Avg 2.61

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 3/30/07

Model: M24  
Serial No: Form #F005  
Trigger: 3.0 lbs. ini. +/- .75 lbs.



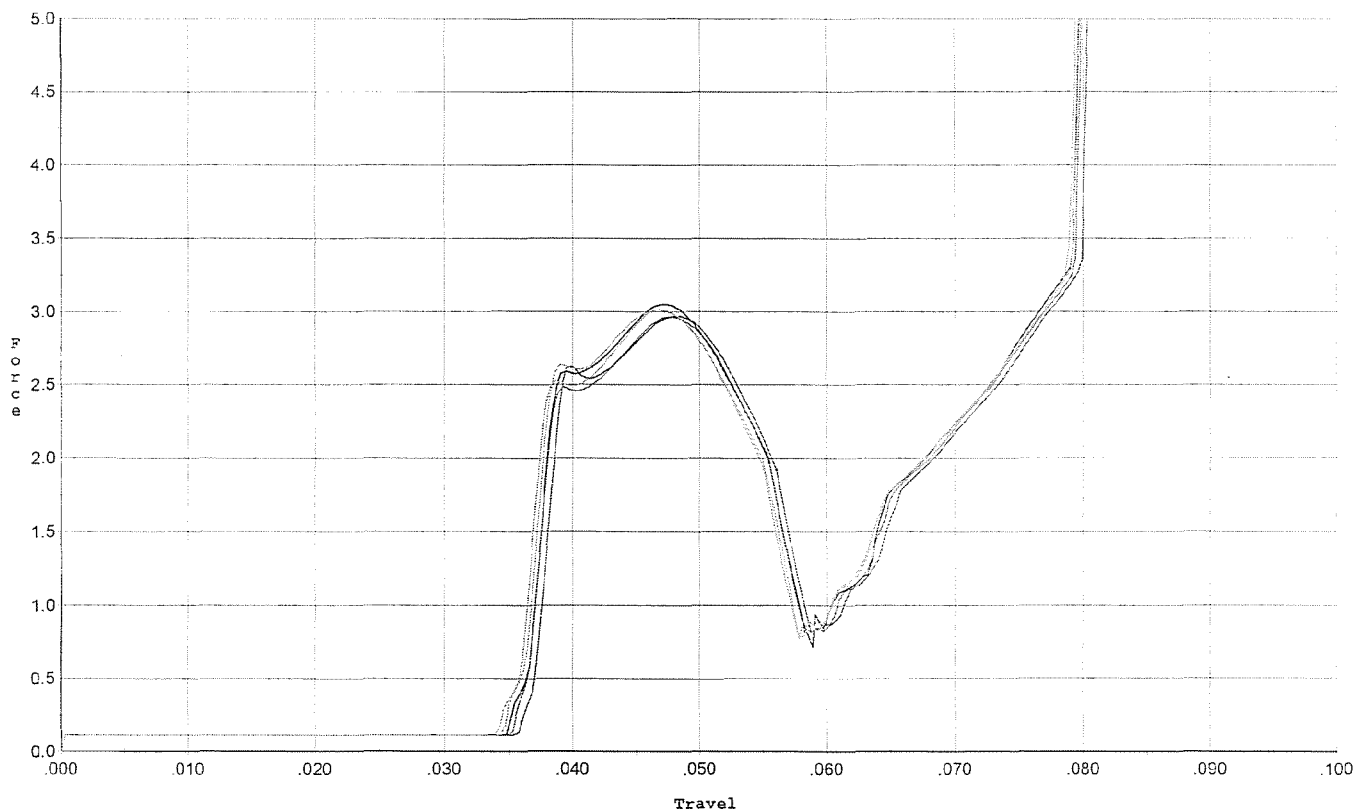
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.247      | 0.055             | 0.035           | 0.030      | 0.056             |           | Set Trigger |
| 2 | 3.212      | 0.055             | 0.035           | 0.030      | 0.057             |           | Set Trigger |
| 3 | 3.251      | 0.055             | 0.034           | 0.030      | 0.058             |           | Set Trigger |
| 4 | 3.229      | 0.055             | 0.034           | 0.030      | 0.057             |           | Set Trigger |
| 5 | 3.282      | 0.054             | 0.034           | 0.030      | 0.057             |           | Set Trigger |

AVG 3.24

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 3/30/07

Model: M/24  
 Serial No: Form #F005  
 Trigger: 3.0 lbs. after 20 cycles +/- .75 lbs.



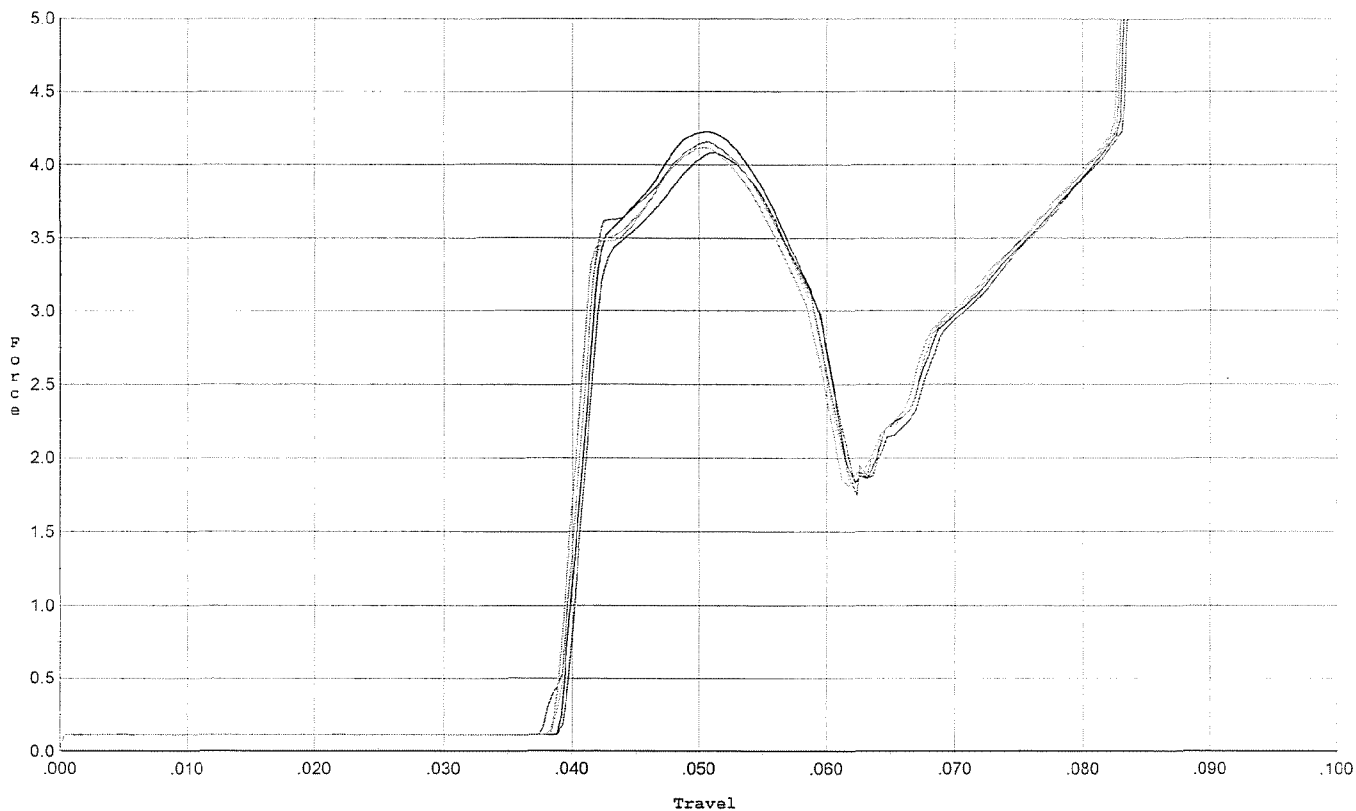
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.971      | 0.056             | 0.036           | 0.031      | 0.053             |           | Set Trigger |
| 2 | 3.050      | 0.056             | 0.035           | 0.031      | 0.054             |           | Set Trigger |
| 3 | 2.964      | 0.055             | 0.036           | 0.031      | 0.053             |           | Set Trigger |
| 4 | 3.014      | 0.056             | 0.035           | 0.031      | 0.055             |           | Set Trigger |
| 5 | 3.013      | 0.055             | 0.035           | 0.031      | 0.053             |           | Set Trigger |

Avg 3.00

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 3/30/07

Model: M/24  
 Serial No: Form #F005  
 Trigger: 4.0 lbs. ini. +/- 1.0 lbs.



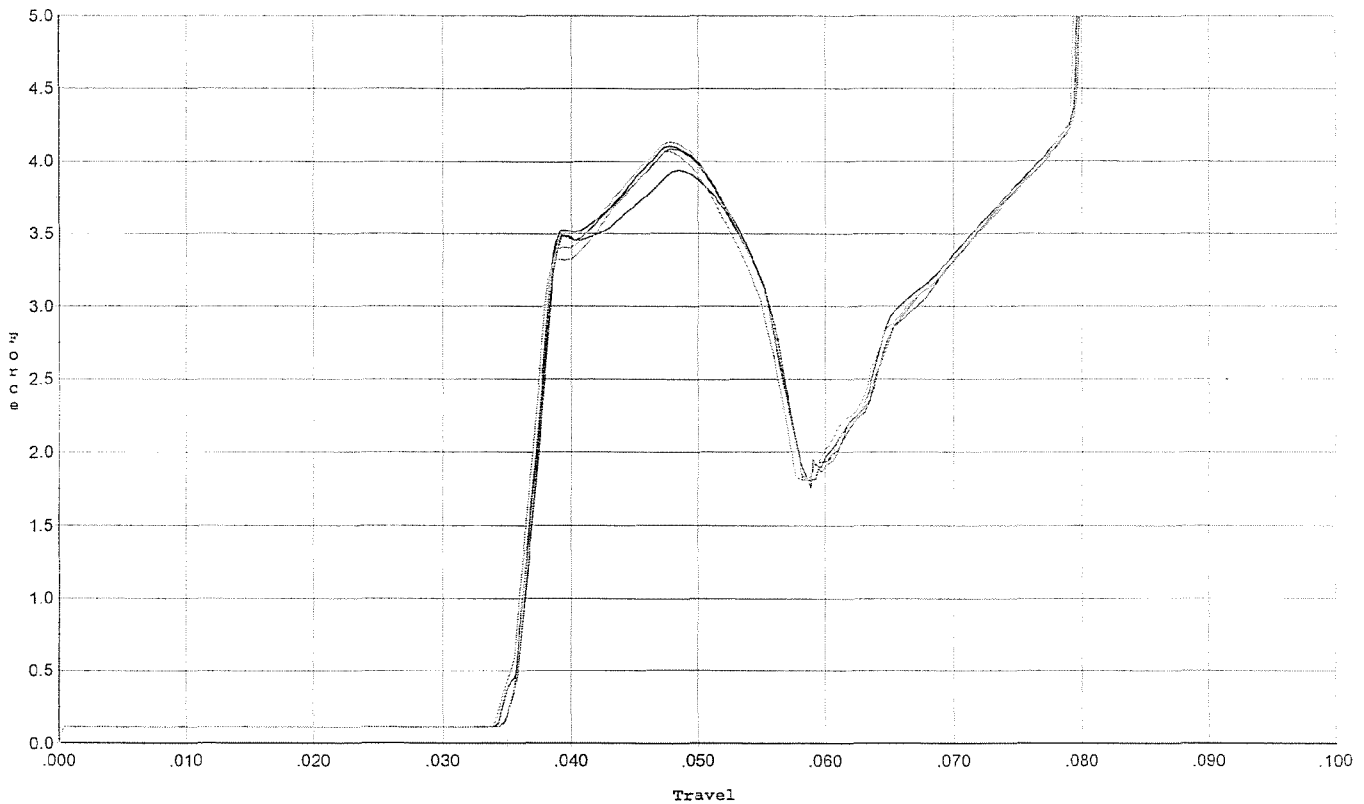
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.084      | 0.059             | 0.039           | 0.029      | 0.075             |           | Set Trigger |
| 2 | 4.227      | 0.060             | 0.039           | 0.029      | 0.078             |           | Set Trigger |
| 3 | 4.158      | 0.059             | 0.038           | 0.029      | 0.076             |           | Set Trigger |
| 4 | 4.156      | 0.059             | 0.039           | 0.029      | 0.076             |           | Set Trigger |
| 5 | 4.121      | 0.060             | 0.039           | 0.029      | 0.076             |           | Set Trigger |

Avg 4.14

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 3/30/07

Model: M/24  
Serial No: Form #F005  
Trigger: 4.0 lbs. after 20 cycles +/- 1.0 lbs.



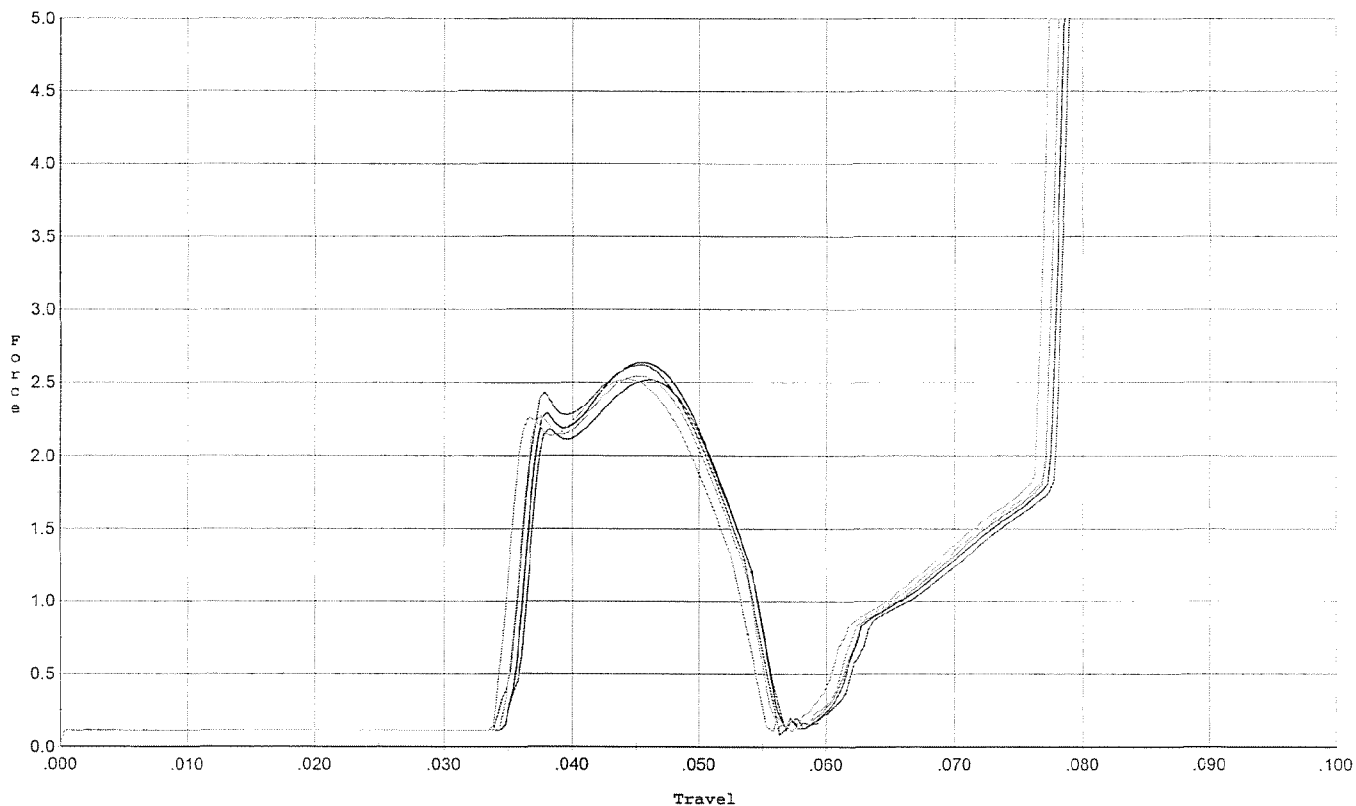
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.943      | 0.056             | 0.035           | 0.029      | 0.074             |           | Set Trigger |
| 2 | 4.108      | 0.055             | 0.035           | 0.029      | 0.074             |           | Set Trigger |
| 3 | 4.091      | 0.057             | 0.035           | 0.029      | 0.076             |           | Set Trigger |
| 4 | 4.134      | 0.055             | 0.035           | 0.029      | 0.074             |           | Set Trigger |
| 5 | 4.070      | 0.056             | 0.034           | 0.029      | 0.074             |           | Set Trigger |

AVG 4.06

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 3/30/07

Model: M/24  
Serial No: Form #F005  
Trigger: reset to 2.5 lbs. +/- .50 lbs. for final test



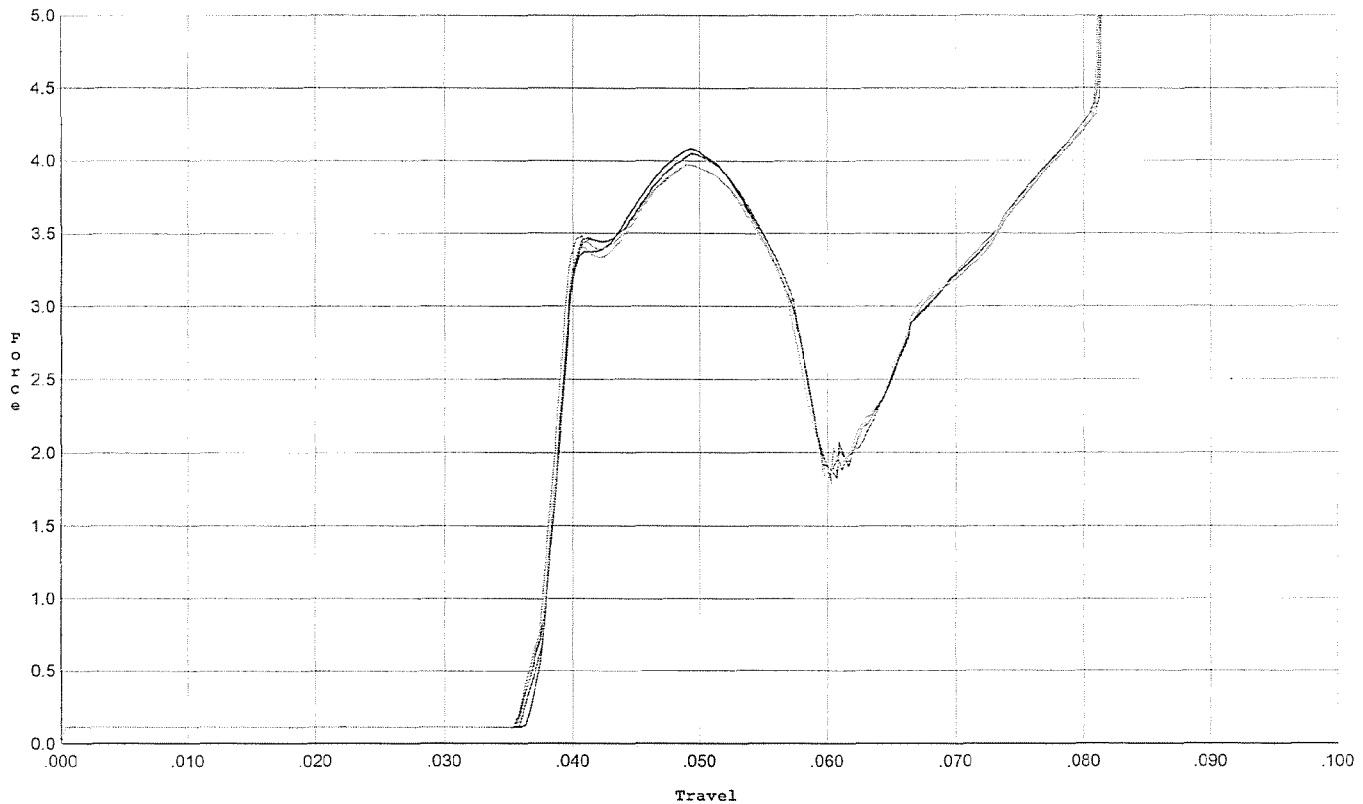
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.518      | 0.054             | 0.035           | 0.032      | 0.042             |           | Set Trigger |
| 2 | 2.634      | 0.054             | 0.035           | 0.032      | 0.044             |           | Set Trigger |
| 3 | 2.620      | 0.054             | 0.034           | 0.032      | 0.044             |           | Set Trigger |
| 4 | 2.543      | 0.054             | 0.035           | 0.032      | 0.043             |           | Set Trigger |
| 5 | 2.524      | 0.054             | 0.034           | 0.032      | 0.044             |           | Set Trigger |

Avg 2.56

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 3/30/07

Model: M/24  
 Serial No: Form #F005  
 Trigger: set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy



| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.048      | 0.057             | 0.037           | 0.029      | 0.075             |           | Set Trigger |
| 2 | 4.082      | 0.058             | 0.036           | 0.029      | 0.076             |           | Set Trigger |
| 3 | 4.051      | 0.057             | 0.036           | 0.029      | 0.075             |           | Set Trigger |
| 4 | 3.971      | 0.058             | 0.036           | 0.029      | 0.075             |           | Set Trigger |
| 5 | 3.970      | 0.057             | 0.036           | 0.029      | 0.074             |           | Set Trigger |

Avg 4.02

| R & E NUMBER  | 126864                  |                                           |                             |         |
|---------------|-------------------------|-------------------------------------------|-----------------------------|---------|
| SERIAL NUMBER | 66391079 66590224 (New) |                                           |                             |         |
| LOG-IN DATE   | 3-19-07                 |                                           |                             |         |
| OPERATION #   | OPERATION NAME          |                                           | DATE                        | INITIAL |
| 500           | DIS-ASSEMBLE GUN        |                                           | 4-2-07                      | RTZ     |
| 505           | RE-BARREL               |                                           | 4-3-07                      | RTZ     |
| 560           | ASSEMBLE                |                                           | 4-3-07                      | RTZ     |
| 600           | PROOF                   |                                           | 4-3-07                      | TRW     |
| 605           | CHECK HEADSPACE         | INSPECTED                                 | 4-3-07                      | TRW     |
| 610           | DIS-ASSEMBLE GUN        | APR 05 2007                               | 4-4-07                      | RTZ     |
| 612           | MAGNAFLUX               | OPERATOR (APD)                            | 4-3-07                      | APD     |
| 510           | DRILL AND TAP           |                                           | 4-4-07                      | TRW     |
| 615           | ROLLMARK CALIBER        |                                           | 4-5-07                      | CW      |
| 618           | ROTO-BLAST              |                                           | 4-5-07                      | LB      |
| 620           | APPLY COATINGS          |                                           | 4/9/07                      | FB      |
| 625           | FINAL ASSEMBLY          |                                           | 4-13-07                     | RTZ     |
| 640           | FUNCTION TEST AND       | (PASS) FAIL                               | 4-13-07                     | non     |
| 650           | TARGET                  | (PASS) FAIL                               | 4-13-07                     | non     |
|               | MALFUNCTION             | CORRECTION                                |                             |         |
|               | MALFUNCTION             | CORRECTION                                |                             |         |
|               | MALFUNCTION             | CORRECTION                                |                             |         |
|               | MALFUNCTION             | CORRECTION                                |                             |         |
| 670           | FINAL INSPECTION        |                                           | 4/18/07                     | non     |
|               | A) HEADSPACE            | (PASS) FAIL                               | 4/18/07                     | non     |
|               | B) TRIGGER PULL         | +/- .5 LBS<br>MIN 2.50 LBS<br>MAX 4.0 LBS | 253 232 222 231 233 4/17/07 | non     |
| 680           | F) SAFETY ON FORCE      | 2 LBS MIN<br>10 LBS MAX                   | 6.50 6.75 7.50 4/18/07      | non     |
|               | G) SAFETY OFF FORCE     | 2 LBS<br>MIN                              | 5.0 4.25 4.0 4/18/07        | non     |
|               | I) FIRING PIN INDENT    | .020                                      | .022 .022 .022 4/18/07      | non     |
| 690           | PACK                    |                                           | 4-20-07                     | BA      |

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: **RE00085685** Serial: E6413461 Model: M24 SWS CenterFire Caliber: 7.62 NATO Repairman: Status: Closed 9/29/2004 7:20:45 AM

Ventry Repair

**Address Information**

Customer: ☐ Received From: ☒ Return To: ☐ Received From: ☐

Name: **TRANSPORTATION DIV DFEL** **TRANSPORTATION DIV DFEL**

Address 1: **BLDG 1836** **BLDG 1836**

Address 2: **6759 MITCHELL AVE** **6759 MITCHELL AVE** PO Box:

City: **FORT BENNING** **FORT BENNING**

State: **GA** Zip Code: **31905** Country: **US** State: **GA** Zip Code: **31905** Country: **US**

FPL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

**Contact Information**
**Received Condition**
**Accessories Received**

Phone: **706-545-6527**  
 Fax:   
 Email:   
 Comments:

Condition: **Good**  
 Condition Notes:   
 CSR Notes:

| Code | Desc        | Qty |
|------|-------------|-----|
| A007 | With Stud   | 1   |
| A016 | Scope Rings | 2   |
| A017 | Scope Base  | 1   |
| A026 | Scope       | 1   |

naglelj 9/29/2004 11:18 AM CAPS NUM INS SCRL

start 2 3 5

G 6391079

Serial Number: **E6413461**Model: **M24 SWS**


**RE00085685**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6391079.\_\_\_0  
FILE DATE AND TIME: 11/02/2004 08:52

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

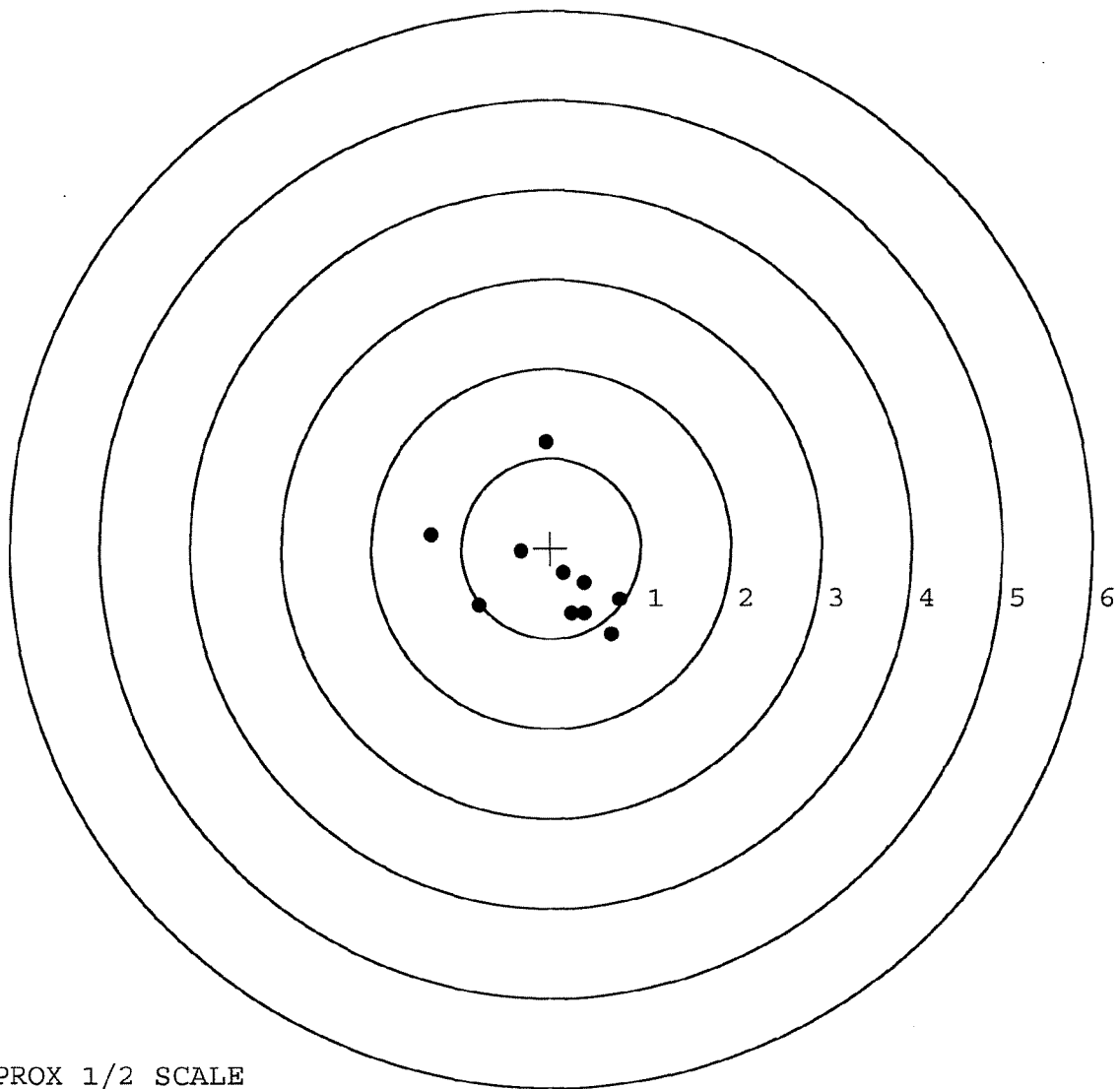
|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.024 |
| The Average Y Centroid of the Five Target Set:              | -0.098 |
| The Average Point of Impact of the Five Target Set:         | 0.101  |
| The Average Mean Radius of the Five Target Set:             | 0.737  |
| The Distance from POA to Centroid Target #1:                | 0.298  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.216  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.271  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.367  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.186  |

**BARBER - M24 0167003**

SERIAL NUMBER: G6391079. \_\_0  
 TARGET NUMBER: 1  
 FILE DATE: 11/02/2004  
 FILE TIME: 08:52

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.678  | -0.959 |
| 2:     | 0.771  | -0.567 |
| 3:     | 0.377  | -0.720 |
| 4:     | 0.234  | -0.723 |
| 5:     | 0.377  | -0.384 |
| 6:     | 0.144  | -0.271 |
| 7:     | -0.331 | -0.036 |
| 8:     | -0.804 | -0.638 |
| 9:     | -1.336 | 0.144  |
| 10:    | -0.052 | 1.178  |

X CENTROID: 0.006  
 Y CENTROID: -0.298  
 POA TO CENTROID: 0.298  
 HORZ SPREAD: 2.107  
 VERT SPREAD: 2.137  
 GROUP SPREAD: 2.258  
 MIN RADIUS: 0.141  
 MAX RADIUS: 1.477  
 MEAN RADIUS: 0.752  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 10

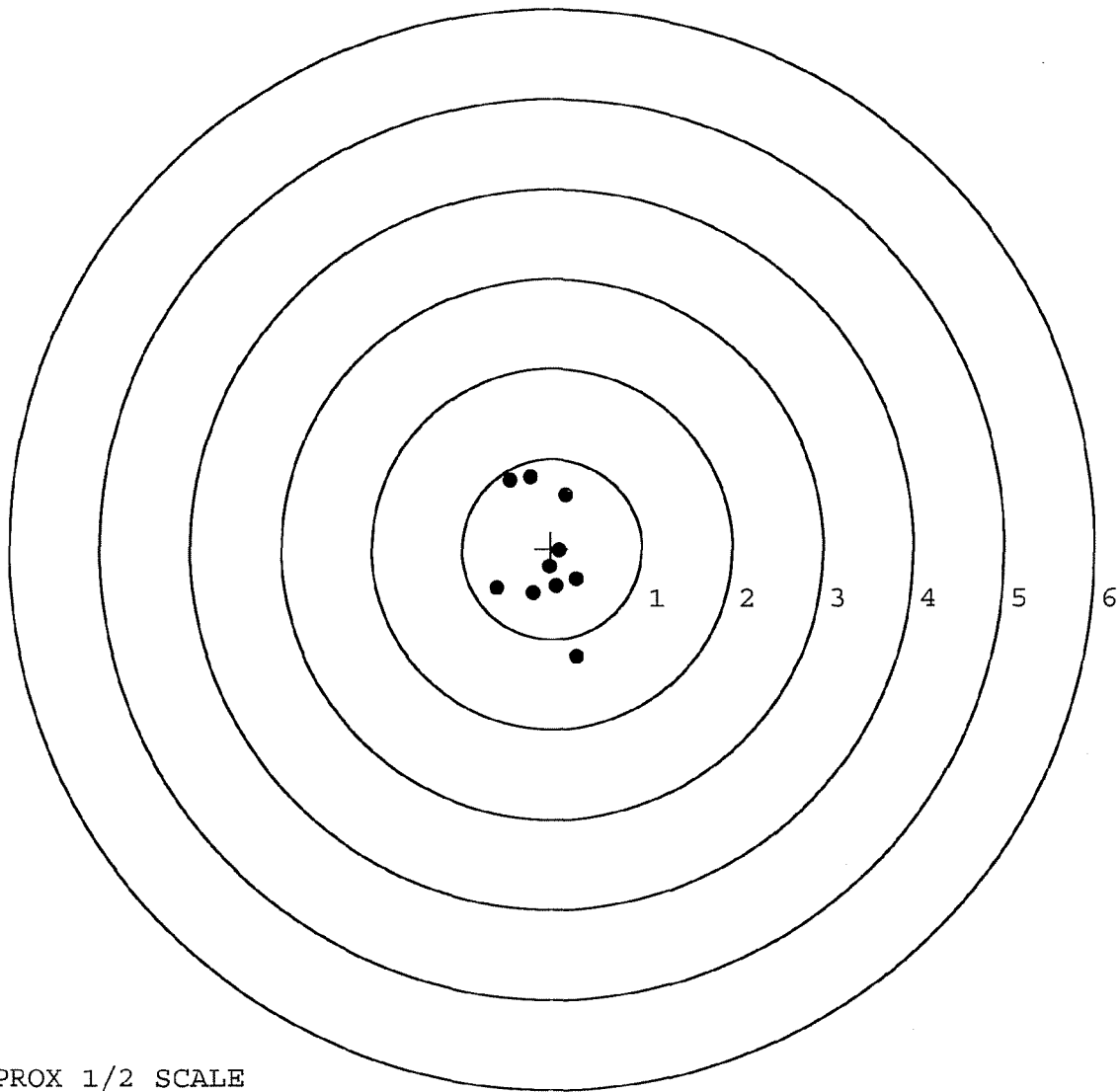


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6391079. \_\_0  
 TARGET NUMBER: 2  
 FILE DATE: 11/02/2004  
 FILE TIME: 08:52

X CENTROID: -0.068  
 Y CENTROID: -0.095  
 POA TO CENTROID: 0.116  
 HORZ SPREAD: 0.884  
 VERT SPREAD: 1.991  
 GROUP SPREAD: 2.093  
 MIN RADIUS: 0.120  
 MAX RADIUS: 1.153  
 MEAN RADIUS: 0.586  
 # IN 1 IN DIAMETER: 5  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.275  | -1.195 |
| 2:     | 0.158  | 0.605  |
| 3:     | -0.237 | 0.796  |
| 4:     | -0.464 | 0.763  |
| 5:     | -0.609 | -0.437 |
| 6:     | -0.202 | -0.496 |
| 7:     | 0.090  | -0.023 |
| 8:     | 0.274  | -0.338 |
| 9:     | 0.060  | -0.415 |
| 10:    | -0.022 | -0.206 |



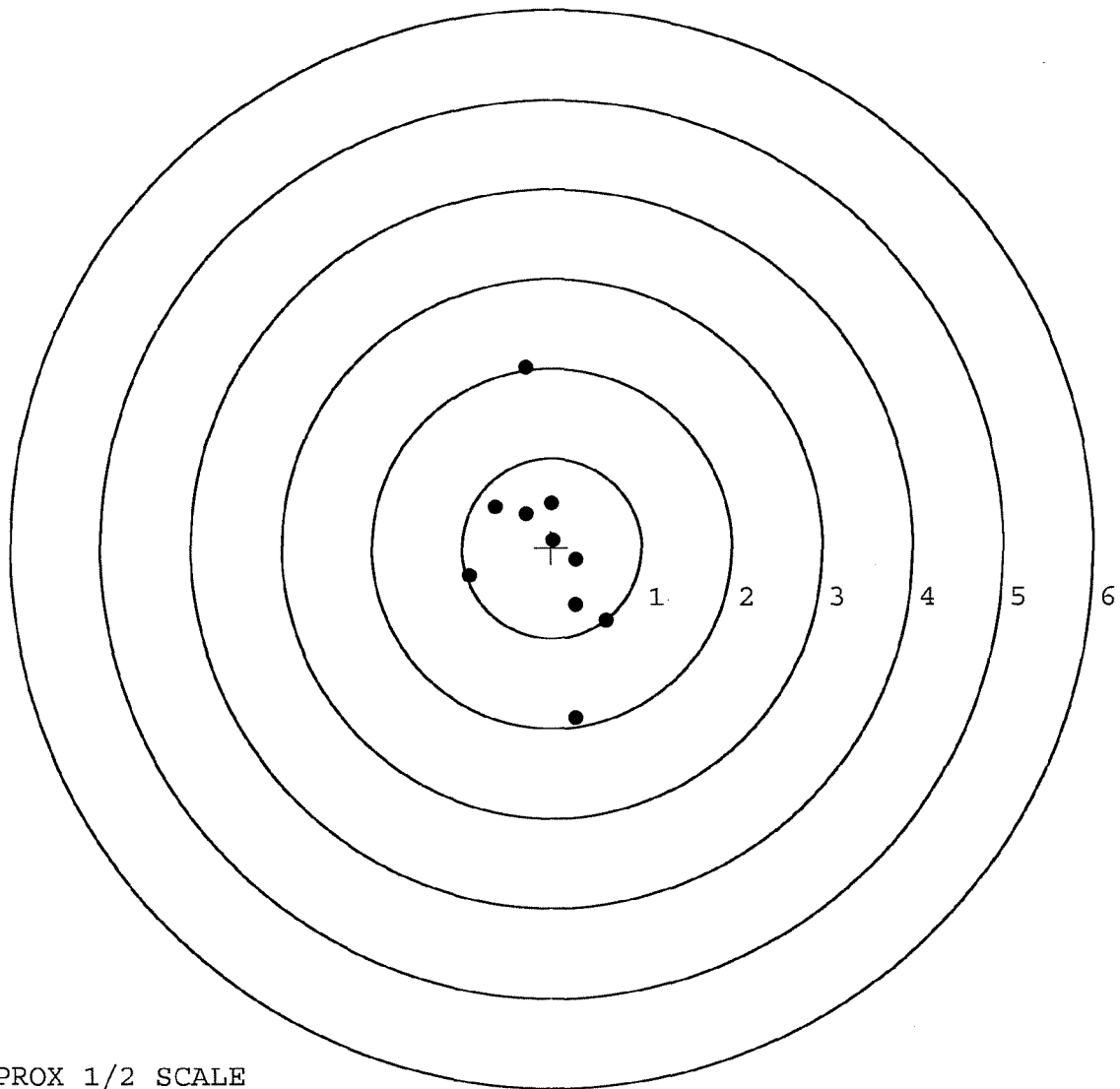
TARGET APPROX 1/2 SCALE

**BARBER - M24 0167005**

SERIAL NUMBER: G6391079. \_\_0  
 TARGET NUMBER: 3  
 FILE DATE: 11/02/2004  
 FILE TIME: 08:52

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.267  | -1.890 |
| 2:     | 0.607  | -0.810 |
| 3:     | 0.267  | -0.634 |
| 4:     | -0.916 | -0.314 |
| 5:     | 0.275  | -0.136 |
| 6:     | -0.628 | 0.454  |
| 7:     | -0.281 | 2.010  |
| 8:     | -0.003 | 0.499  |
| 9:     | -0.286 | 0.374  |
| 10:    | 0.023  | 0.082  |

X CENTROID: -0.068  
 Y CENTROID: -0.036  
 POA TO CENTROID: 0.077  
 HORZ SPREAD: 1.523  
 VERT SPREAD: 3.900  
 GROUP SPREAD: 3.938  
 MIN RADIUS: 0.149  
 MAX RADIUS: 2.058  
 MEAN RADIUS: 0.880  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 7  
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

**BARBER - M24 0167006**

SERIAL NUMBER: G6391079. \_\_0

TARGET NUMBER: 4

FILE DATE: 11/02/2004

FILE TIME: 08:52

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.942  | -0.414 |
| 2:     | 0.734  | -0.565 |
| 3:     | 0.533  | -0.753 |
| 4:     | -0.309 | 2.186  |
| 5:     | 0.173  | 0.148  |
| 6:     | 0.241  | -0.080 |
| 7:     | -0.317 | 0.370  |
| 8:     | -0.212 | 0.133  |
| 9:     | -0.512 | -0.064 |
| 10:    | -0.571 | -0.327 |

X CENTROID: 0.070

Y CENTROID: 0.063

POA TO CENTROID: 0.095

HORZ SPREAD: 1.513

VERT SPREAD: 2.939

GROUP SPREAD: 3.057

MIN RADIUS: 0.133

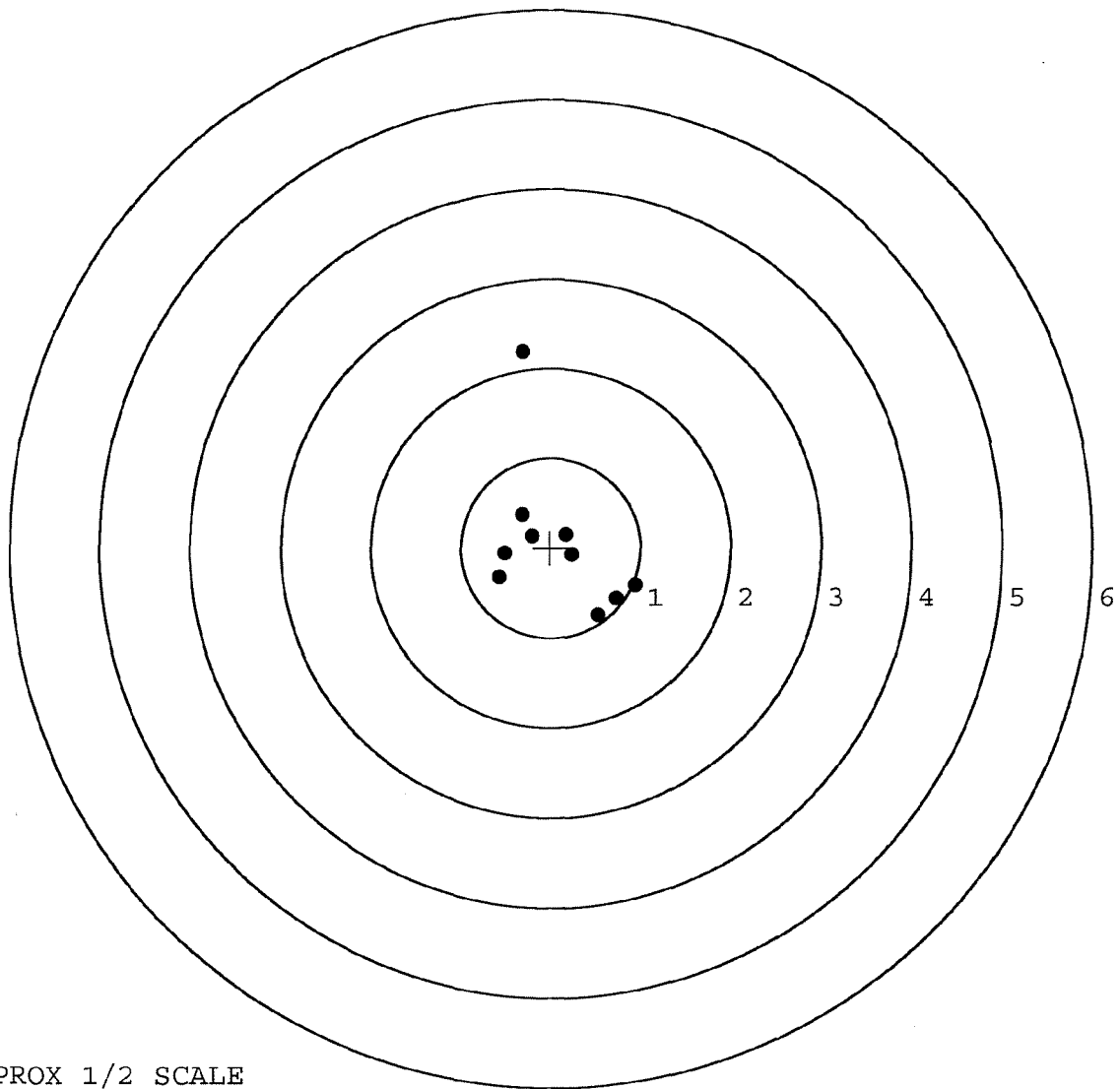
MAX RADIUS: 2.156

MEAN RADIUS: 0.749

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

**BARBER - M24 0167007**

SERIAL NUMBER: G6391079. \_\_0

TARGET NUMBER: 5

FILE DATE: 11/02/2004

FILE TIME: 08:52

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.204  | -1.493 |
| 2:     | 0.023  | -0.938 |
| 3:     | -0.131 | -0.491 |
| 4:     | 0.446  | -0.060 |
| 5:     | 0.614  | 0.325  |
| 6:     | 0.273  | 0.835  |
| 7:     | -0.622 | 0.554  |
| 8:     | -0.442 | 0.169  |
| 9:     | -0.475 | 0.024  |
| 10:    | -0.504 | -0.163 |

X CENTROID: -0.061

Y CENTROID: -0.124

POA TO CENTROID: 0.138

HORZ SPREAD: 1.236

VERT SPREAD: 2.328

GROUP SPREAD: 2.329

MIN RADIUS: 0.374

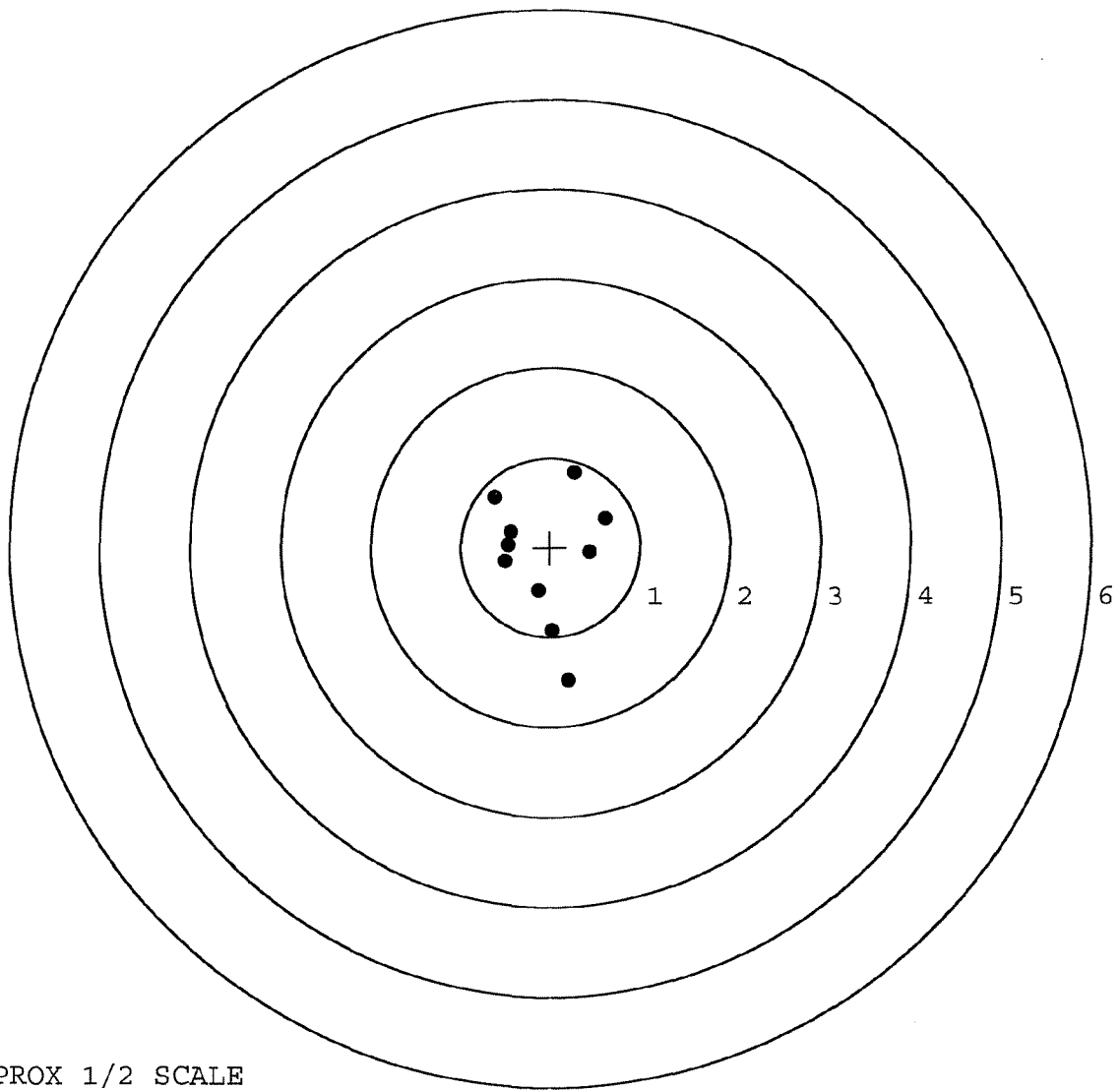
MAX RADIUS: 1.395

MEAN RADIUS: 0.717

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

10-21-04

TESTER

TRW

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER<br>50 CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.77                | 2.38                        |                                   | 2.12  |          |
| PULL #2 | 2.86                | 2.39                        |                                   | 2.17  |          |
| PULL #3 | 2.89                | 2.34                        |                                   | 2.17  |          |
| PULL #4 | 2.81                | 2.32                        |                                   | 2.14  |          |
| PULL #5 | 2.76                | 2.31                        |                                   | 2.11  |          |
| TOTAL   | 14.09               | 11.74                       |                                   | 10.71 |          |
| AVERAGE | 2.81                | 2.34                        |                                   | 2.14  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.13                | 3.12                        |  |          |
| PULL #2 | 3.10                | 3.06                        |  |          |
| PULL #3 | 3.07                | 3.18                        |  |          |
| PULL #4 | 3.00                | 3.15                        |  |          |
| PULL #5 | 3.03                | 3.13                        |  |          |
| TOTAL   | 15.33               | 15.64                       |  |          |
| AVERAGE | 3.06                | 3.12                        |  |          |

|         | 4.00 LBS<br>INITIAL | 4.00 LBS AFTER<br>20 CYCLES | MAX SETTING GREATER<br>THAN 4 LBS | RESET TO 4 LBS FOR<br>TARGET & ACCURACY |
|---------|---------------------|-----------------------------|-----------------------------------|-----------------------------------------|
| PULL #1 | 4.25                | 4.31                        |                                   | 4.20                                    |
| PULL #2 | 4.24                | 4.31                        |                                   | 4.20                                    |
| PULL #3 | 4.29                | 4.33                        |                                   | 4.20                                    |
| PULL #4 | 4.28                | 4.27                        |                                   | 4.19                                    |
| PULL #5 | 4.03                | 4.33                        |                                   | 4.20                                    |
| TOTAL   |                     |                             |                                   | 20.99                                   |
| AVERAGE |                     |                             |                                   | 4.19                                    |

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

|                            |                     |           |           |
|----------------------------|---------------------|-----------|-----------|
| R & E NUMBER               | 85683               |           |           |
| SERIAL NUMBER              | <del>E6413461</del> |           | G 6391079 |
| LOG-IN DATE                | 9-28-04             |           |           |
| <b>INSPECT AND VERIFY:</b> |                     |           |           |
| OPERATION #                | OPERATION NAME      | DATE      | INITIAL   |
| 550                        | DIS-ASSEMBLE GUN    | 10-8-04   | AC        |
| 560 A                      | RE-BARREL           |           | N/A       |
| B                          | DRILL AND TAP       | 10-12-04  | TRW       |
| 575                        | ASSEMBLE            | 10-8-04   | RTL       |
| 600                        | PROOF               | 10-11-04  | AC        |
| 605                        | CHECK HEADSPACE     | 10-12-04  | RTL       |
| 610                        | DIS-ASSEMBLE GUN    | 10-12-04  | RTL       |
| 612                        | MAGNAFLUX           |           |           |
| 615                        | ROLLMARK CALIBER    | 10/13/04  | OW        |
| 618                        | ROTO-BLAST          | 10/14/04  | LB        |
| 620                        | APPLY COATINGS      | 10/25/04  | HP        |
| 625 A                      | FINAL ASSEMBLY      | 11-1-04   | RT        |
| B                          | TRIGGER PULL TEST   | 11-3-04   | DA        |
| C                          | SAFETY "ON" FORCE   | 11-3-04   | DA        |
| D                          | SAFETY "OFF" FORCE  | 11-3-04   | DA        |
| E                          | FIRING PIN INDENT   | 11-3-04   | DA        |
| 640                        | TARGET              | 11-2-04   | TRW       |
| 655                        | FINAL INSPECT       | 11-3-04   | AC        |
| 660                        | PACK                | 11-4-04   | DA        |
|                            |                     | SHIP DATE |           |
| QAR INSPECTION DATE        |                     |           |           |

**Arms Services Repair & Estimate System**

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

**Repair Inquiry**

Repair Number: **RE00034939** Serial: **C6225155** Model: **700** Center Fire Caliber: **7.62 NATO M 24 (SW8)** Repairman: Status: **Closed 11/1/01 12:51:04 PM**

Verify Repair

**Address Information**

Customer: ☒ Received From Return To: ☒ Received From

Name: **INSTALLATION SUPPLY DIVISION** **INSTALLATION SUPPLY DIVISION**

Address 1: **BLDG 224** **BLDG 224**

Address 2:  PO Box:   PO Box:

City: **FORT BENNING** **FORT BENNING**

State: **GA** Zip Code: **31905** Country: **US** State: **GA** Zip Code: **31905** Country: **US**

FEL:

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

**Contact Information**

Phone:

Fax:

Email:

Comments:

**Received Condition**

Condition: **Poor**

Condition Notes:

CSR Notes:

**Accessories Received**

| Code | Desc        | Qty |
|------|-------------|-----|
| A007 | With Stud   | 3   |
| A008 | With Swivel | 1   |
| A026 | Scope       | 1   |

**Repair Search** **Refresh** **Close**

maglet 11/1/01 1:46 PM CAPS NUM NS GCRL

Start Inb Cal A Se Isa INS Th Acr 1:46 PM

Serial Number: **C6225155** **E6413461**

Model: **700**



**RE00034939**

**M-24 INSPECTION CHECKLIST**  
**CONTRACT #: DAAE-20-97-C-242**

|                            |                     |           |         |
|----------------------------|---------------------|-----------|---------|
| R & E NUMBER               | 34939               |           |         |
| SERIAL NUMBER              | 26225155 E6413461   |           |         |
| LOG-IN DATE                | 11-1-01             |           |         |
| <b>INSPECT AND VERIFY:</b> |                     |           |         |
| OPERATION #                | OPERATION NAME      | DATE      | INITIAL |
| 550                        | DIS-ASSEMBLE GUN    | 11-6-01   | RJR     |
| 560 A                      | RE-BARREL           | 11/8      | BWT     |
| B                          | DRILL AND TAP       | 11/8      | BWT     |
| 575                        | ASSEMBLE            | 11-9-01   | RJR     |
| 600                        | PROOF               | 11-9-01   | RJR     |
| 605                        | CHECK HEADSPACE     | 11-9-01   | RJR     |
| 610                        | DIS-ASSEMBLE GUN    | 11-9-01   | RJR     |
| 612                        | MAGNAFLUX OPERATOR  |           |         |
| 615                        | ROLLMARK CALIBER    | 11/12     | JB      |
| 618                        | ROTO-BLAST          | 11/14     | JB      |
| 620                        | APPLY COATINGS      | 11-15     | TA      |
| 625 A                      | FINAL ASSEMBLY      | 11-26-01  | Ru      |
| B                          | TRIGGER PULL TEST   |           |         |
| C                          | SAFETY "ON" FORCE   |           |         |
| D                          | SAFETY "OFF" FORCE  |           |         |
| E                          | FIRING PIN INDENT   |           |         |
| 640                        | TARGET              | 11-27-01  | EK      |
| 655                        | FINAL INSPECT       | 11-28-01  | RJR     |
| 660                        | PACK                | 11-28-01  | DA      |
|                            |                     |           |         |
|                            |                     |           |         |
|                            |                     |           |         |
|                            |                     |           |         |
|                            |                     |           |         |
|                            |                     |           |         |
|                            |                     | SHIP DATE |         |
|                            |                     |           |         |
|                            | QAR INSPECTION DATE |           |         |

## Final Inspection

In: FLA 13461

DATE REC'D: 11-1-01

DATE RET'D: 11-28-01

Inspector: RJK

## 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: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413461. \_\_0

FILE DATE AND TIME: 11/27/2001 02:22

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

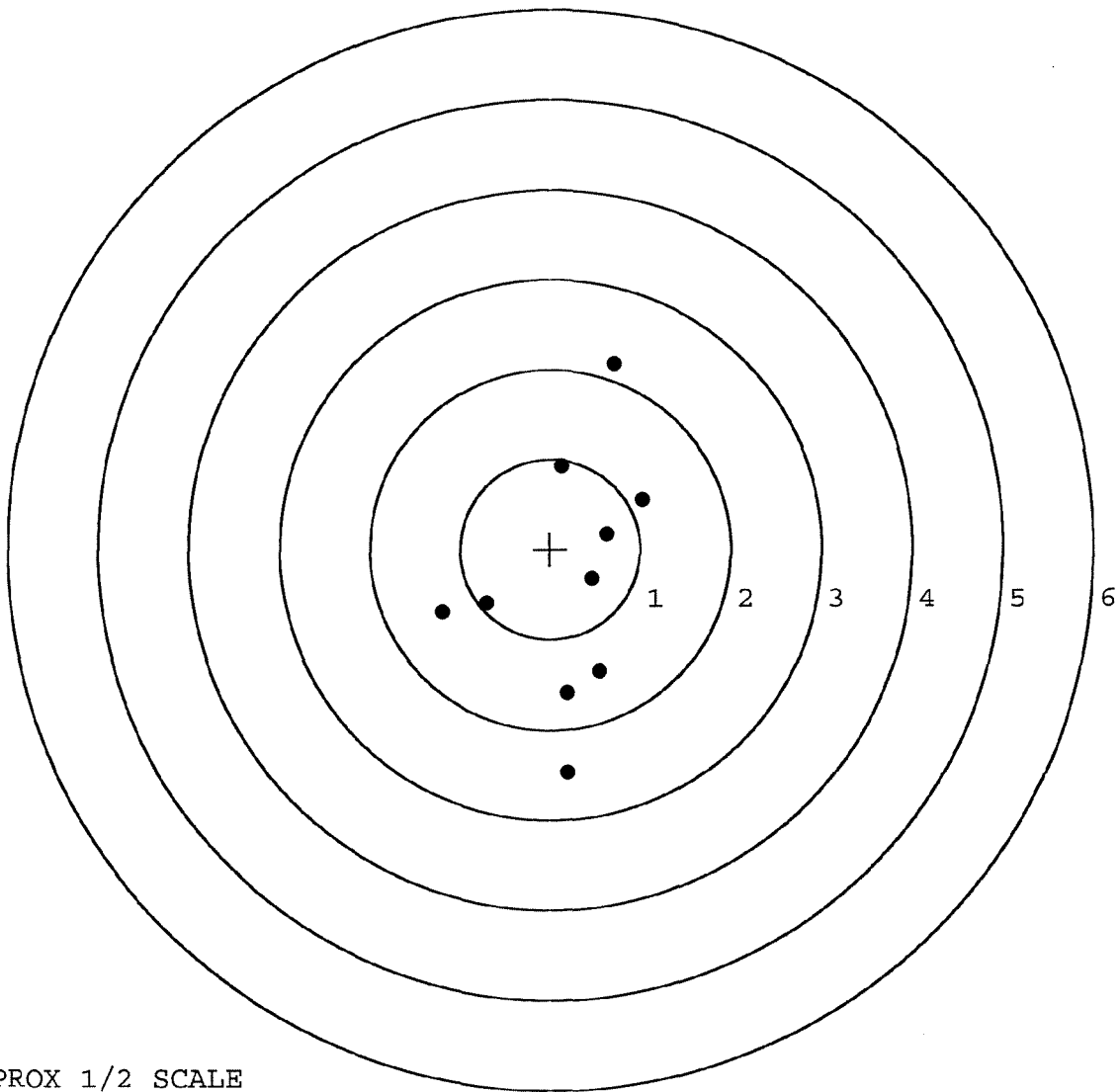
|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.031  |
| The Average Y Centroid of the Five Target Set:              | -0.026 |
| The Average Point of Impact of the Five Target Set:         | 0.041  |
| The Average Mean Radius of the Five Target Set:             | 1.115  |
| The Distance from POA to Centroid Target #1:                | 0.393  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.937  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.437  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.187  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.433  |

**BARBER - M24 0167014**

SERIAL NUMBER: E6413461. 0  
 TARGET NUMBER: 1  
 FILE DATE: 11/27/2001  
 FILE TIME: 02:22

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.718  | 2.061  |
| 2:     | 0.127  | 0.923  |
| 3:     | 1.023  | 0.553  |
| 4:     | 0.629  | 0.168  |
| 5:     | 0.472  | -0.327 |
| 6:     | 0.559  | -1.356 |
| 7:     | 0.197  | -1.594 |
| 8:     | 0.205  | -2.478 |
| 9:     | -0.704 | -0.603 |
| 10:    | -1.196 | -0.709 |

X CENTROID: 0.203  
 Y CENTROID: -0.336  
 POA TO CENTROID: 0.393  
 HORZ SPREAD: 2.219  
 VERT SPREAD: 4.539  
 GROUP SPREAD: 4.568  
 MIN RADIUS: 0.269  
 MAX RADIUS: 2.452  
 MEAN RADIUS: 1.273  
 # IN 1 IN DIAMETER: 1  
 # IN 2 IN DIAMETER: 3  
 # in 3 IN DIAMETER: 8



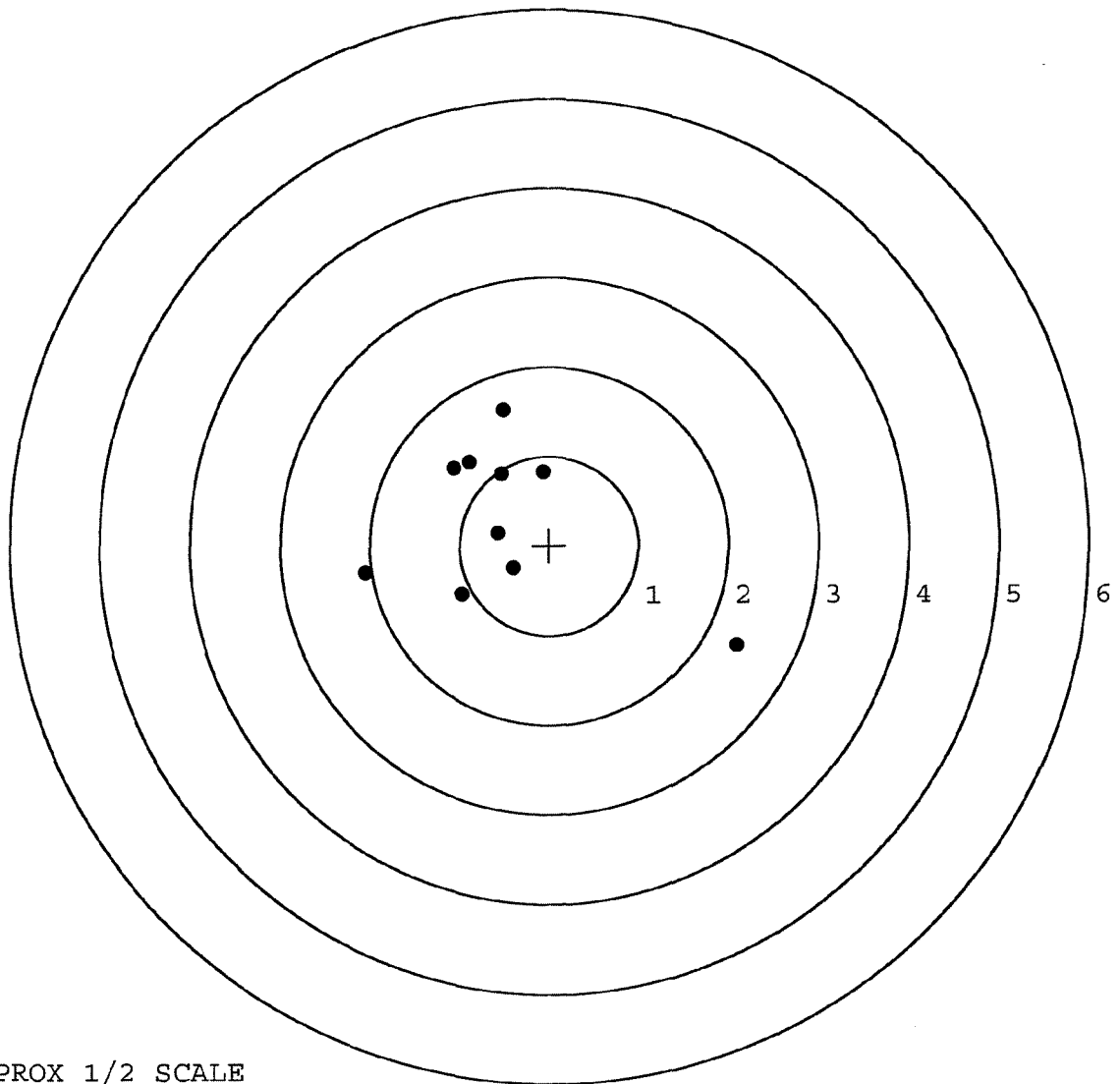
TARGET APPROX 1/2 SCALE

**BARBER - M24 0167015**

SERIAL NUMBER: E6413461. \_\_0  
 TARGET NUMBER: 2  
 FILE DATE: 11/27/2001  
 FILE TIME: 02:22

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.512 | 1.514  |
| 2:     | -1.066 | 0.861  |
| 3:     | -0.888 | 0.934  |
| 4:     | -0.528 | 0.805  |
| 5:     | -0.063 | 0.826  |
| 6:     | 2.086  | -1.118 |
| 7:     | -0.400 | -0.256 |
| 8:     | -0.576 | 0.139  |
| 9:     | -0.980 | -0.543 |
| 10:    | -2.052 | -0.309 |

X CENTROID: -0.498  
 Y CENTROID: 0.285  
 POA TO CENTROID: 0.574  
 HORZ SPREAD: 4.138  
 VERT SPREAD: 2.632  
 GROUP SPREAD: 4.216  
 MIN RADIUS: 0.166  
 MAX RADIUS: 2.940  
 MEAN RADIUS: 1.029  
 # IN 1 IN DIAMETER: 1  
 # IN 2 IN DIAMETER: 7  
 # in 3 IN DIAMETER: 8



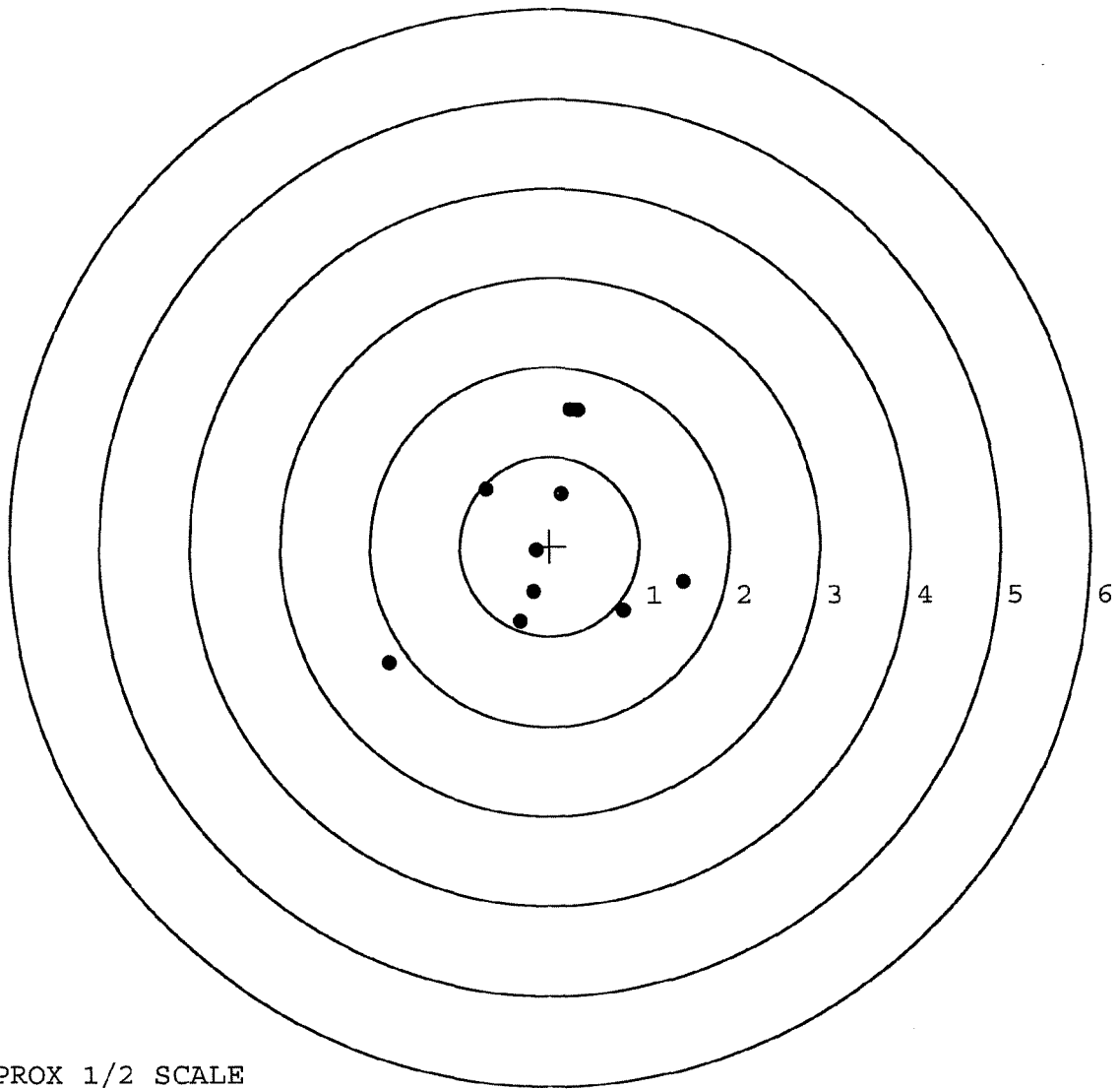
TARGET APPROX 1/2 SCALE

**BARBER - M24 0167016**

SERIAL NUMBER: E6413461. \_\_0  
 TARGET NUMBER: 3  
 FILE DATE: 11/27/2001  
 FILE TIME: 02:22

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.787 | -1.302 |
| 2:     | -0.331 | -0.841 |
| 3:     | 0.826  | -0.720 |
| 4:     | 1.490  | -0.404 |
| 5:     | -0.179 | -0.520 |
| 6:     | -0.150 | -0.053 |
| 7:     | -0.710 | 0.638  |
| 8:     | 0.135  | 0.582  |
| 9:     | 0.232  | 1.524  |
| 10:    | 0.314  | 1.519  |

X CENTROID: -0.016  
 Y CENTROID: 0.042  
 POA TO CENTROID: 0.045  
 HORZ SPREAD: 3.277  
 VERT SPREAD: 2.826  
 GROUP SPREAD: 3.517  
 MIN RADIUS: 0.164  
 MAX RADIUS: 2.223  
 MEAN RADIUS: 1.111  
 # IN 1 IN DIAMETER: 1  
 # IN 2 IN DIAMETER: 5  
 # in 3 IN DIAMETER: 6



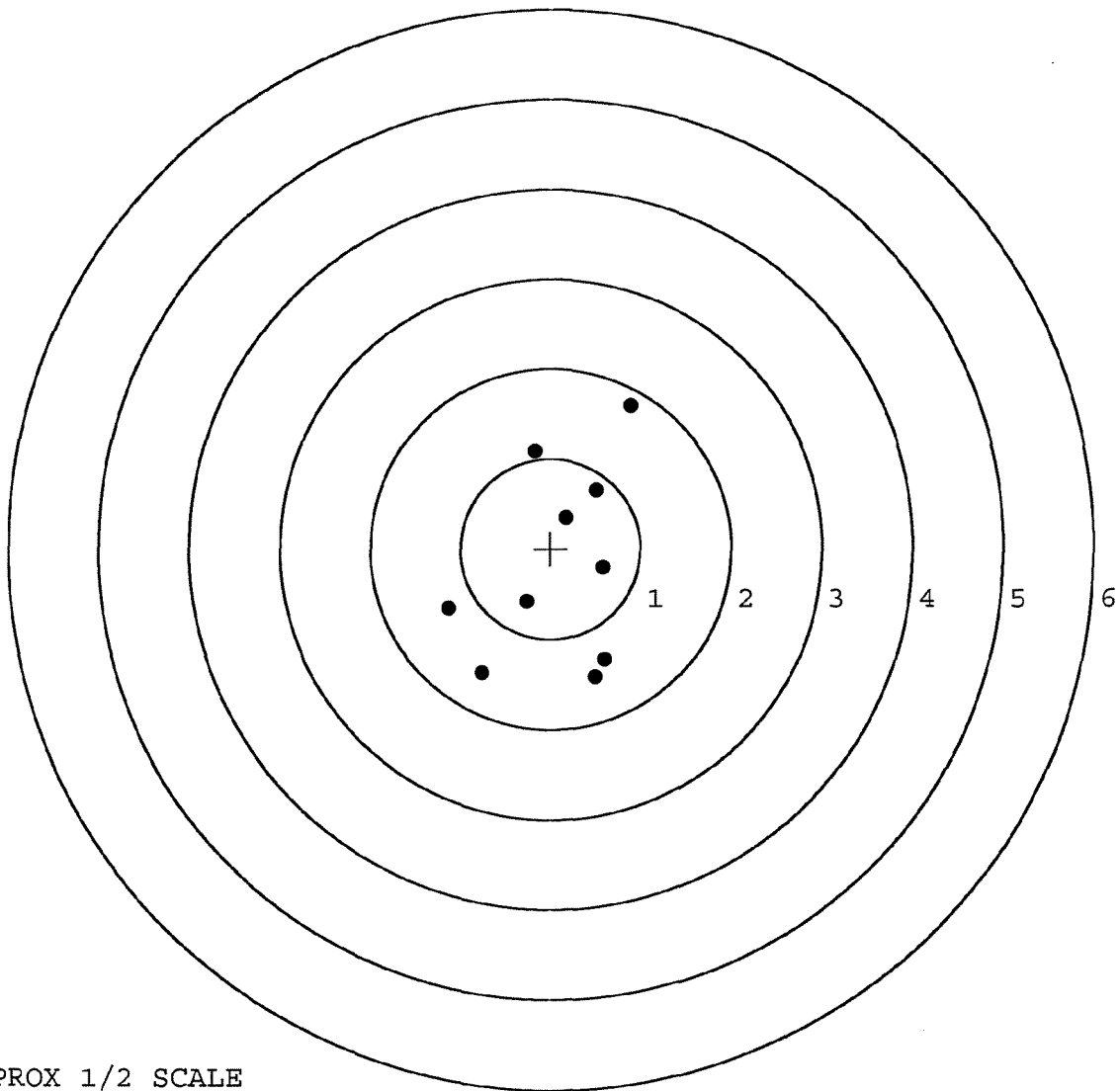
TARGET APPROX 1/2 SCALE

**BARBER - M24 0167017**

SERIAL NUMBER: E6413461. \_\_0  
 TARGET NUMBER: 4  
 FILE DATE: 11/27/2001  
 FILE TIME: 02:22

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.131 | -0.667 |
| 2:     | -0.755 | -1.382 |
| 3:     | 0.506  | -1.422 |
| 4:     | 0.609  | -1.230 |
| 5:     | -0.266 | -0.587 |
| 6:     | 0.592  | -0.210 |
| 7:     | 0.175  | 0.346  |
| 8:     | 0.507  | 0.647  |
| 9:     | -0.173 | 1.081  |
| 10:    | 0.891  | 1.592  |

X CENTROID: 0.096  
 Y CENTROID: -0.183  
 POA TO CENTROID: 0.207  
 HORZ SPREAD: 2.022  
 VERT SPREAD: 3.014  
 GROUP SPREAD: 3.399  
 MIN RADIUS: 0.497  
 MAX RADIUS: 1.945  
 MEAN RADIUS: 1.100  
 # IN 1 IN DIAMETER: 1  
 # IN 2 IN DIAMETER: 4  
 # in 3 IN DIAMETER: 9



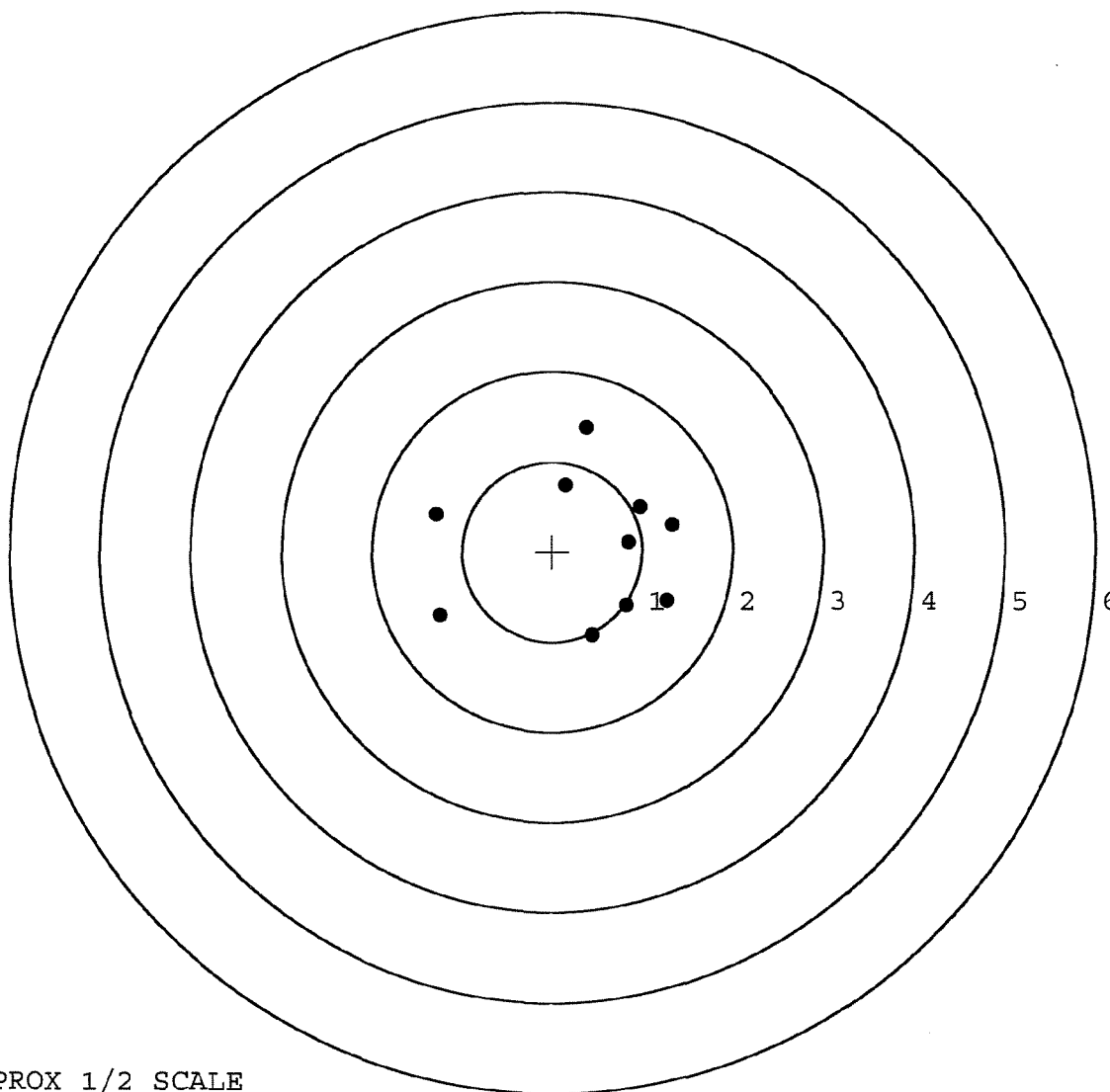
TARGET APPROX 1/2 SCALE

**BARBER - M24 0167018**

SERIAL NUMBER: E6413461. 0  
 TARGET NUMBER: 5  
 FILE DATE: 11/27/2001  
 FILE TIME: 02:22

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.385  | 1.381  |
| 2:     | 0.152  | 0.741  |
| 3:     | -1.293 | 0.409  |
| 4:     | -1.245 | -0.719 |
| 5:     | 0.980  | 0.496  |
| 6:     | 0.850  | 0.102  |
| 7:     | 1.328  | 0.295  |
| 8:     | 1.279  | -0.549 |
| 9:     | 0.833  | -0.604 |
| 10:    | 0.453  | -0.927 |

X CENTROID: 0.372  
 Y CENTROID: 0.062  
 POA TO CENTROID: 0.377  
 HORZ SPREAD: 2.621  
 VERT SPREAD: 2.308  
 GROUP SPREAD: 2.766  
 MIN RADIUS: 0.479  
 MAX RADIUS: 1.796  
 MEAN RADIUS: 1.064  
 # IN 1 IN DIAMETER: 1  
 # IN 2 IN DIAMETER: 6  
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6775155

| OP. #        | OP. NAME                                                       | READINGS | DATE           | INIT        |
|--------------|----------------------------------------------------------------|----------|----------------|-------------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   |          |                |             |
| 600          | Proof                                                          |          |                |             |
| 607          | Check Headspace                                                |          |                |             |
| 610          | Dis-assemble Gun                                               |          |                |             |
| 612          | Magnaflux Barrel<br>Action                                     |          |                |             |
|              | Magnaflux Bolt                                                 |          |                |             |
| 615          | Rollmark Caliber                                               |          |                |             |
| 617          | Drill and Tap Sight Holes                                      |          |                |             |
| 618          | Polish Barrel <i>RB</i>                                        |          | <i>4/24/89</i> | <i>WB</i>   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | <i>4/25/89</i> | <i>TA</i>   |
|              | Apply Coating (Bolt)                                           |          |                |             |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          |                |             |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          |                |             |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          |                |             |
|              | D) Oil Firing Pin Ass'y                                        |          |                |             |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | <i>4/28/89</i> | <i>g.v.</i> |

| op. #        | BARBER - M24 0167020<br>OP. NAME                            | READINGS |      |      |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                          |          |      |      |      |      |         |      |
|              | G) Safety Off Force                                         |          |      |      |      |      |         |      |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |      |      | 7/28/89 | AG   |
|              | I) Firing Pin Indent                                        |          |      |      |      |      |         |      |
|              | J) Assemble Stock                                           |          |      |      |      |      | 7/31/89 | WU   |
|              | K) Assemble Swivel Studs                                    |          |      |      |      |      | 7/31/89 | WB   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |      |      |      |         |      |
|              | M) Iron Sight Alignment                                     |          |      |      |      |      |         |      |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |      |      |      |         |      |
|              | O) Attach Scope to Rifle                                    |          |      |      |      |      |         |      |
|              | P) Detach & Attach Scope 20 Times                           |          |      |      |      |      |         |      |
| 640          | Gallery Target & Test                                       |          |      |      |      |      |         |      |
|              | A) Time                                                     |          |      |      |      |      |         |      |
|              | B) Malfunctions                                             |          |      |      |      |      |         |      |
|              | C) Pierced Primers                                          |          |      |      |      |      |         |      |
|              | D) Optical Clarity of Scope                                 |          |      |      |      |      |         |      |
| 645          | Inspect for Live Ammo                                       |          |      |      |      |      |         |      |
| 655          | Final Inspection                                            |          |      |      |      |      | 8/2/89  | JS   |
|              | A) Headspace                                                |          |      |      |      |      |         |      |
|              | B) Trigger Pull                                             | 2.47     | 2.50 | 2.48 | 2.49 | 2.50 | 8/2/89  | JS   |
|              | C) Function                                                 |          |      |      |      |      | 8/2/89  | JS   |
| 660          | Pack                                                        |          |      |      |      |      | 8/3/89  | WB   |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6225155

DATE 7/28/89

TESTER JY

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-------|------------------------------------------------------------------------|
| PULL #1 | 2.44             |                          | 2.57                           | 2.47  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.48             |                          | 2.42                           | 2.50  |                                                                        |
| PULL #3 | 2.52             |                          | 2.40                           | 2.48  |                                                                        |
| PULL #4 | 2.49             |                          | 2.30                           | 2.49  |                                                                        |
| PULL #5 | 2.40             |                          | 2.42                           | 2.50  |                                                                        |
| TOTAL   | 12.33            |                          | 12.11                          | 12.44 |                                                                        |
| AVG.    | 2.466            |                          | 2.422                          | 2.488 |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 |                  |                          |  |          |
| PULL #2 |                  |                          |  |          |
| PULL #3 |                  |                          |  |          |
| PULL #4 |                  |                          |  |          |
| PULL #5 |                  |                          |  |          |
| TOTAL   |                  |                          |  |          |
| AVG.    |                  |                          |  |          |

|         | 4.00#<br>INITIAL | 4.00# AFTER<br>20 CYCLES | MAX SETTING<br>GREATER THAN 4# | RESET TO 4# FOR<br>TARGET & ACCURACY |
|---------|------------------|--------------------------|--------------------------------|--------------------------------------|
| PULL #1 | 4.15             |                          |                                |                                      |
| PULL #2 | 4.07             |                          |                                |                                      |
| PULL #3 | 4.09             |                          |                                |                                      |
| PULL #4 | 4.04             |                          |                                |                                      |
| PULL #5 | 4.11             |                          |                                |                                      |
| TOTAL   | 20.46            |                          |                                |                                      |
| AVG.    | 4.092            |                          |                                |                                      |

**M-24**

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6225155*

| OPERATION   |                      | DATE           | INT         |
|-------------|----------------------|----------------|-------------|
| #           | NAME                 |                |             |
| 575-<br>580 | ASSEMBLY <i>2</i>    | <i>26</i>      | <i>FB</i>   |
| 600         | PROOF                | <i>29</i>      | <i>RW</i>   |
| 615         | MAGNAFLUX<br>BARREL  | <i>5/13/88</i> | <i>PJR.</i> |
|             | MAGNAFLUX<br>BOLT    | <i>5/13/88</i> | <i>PJR.</i> |
| 620         | COATING              | <i>8/1/88</i>  | <i>TJA</i>  |
| 625-<br>630 | FINAL<br>ASSEMBLY    |                |             |
| 635         | TEST                 |                |             |
| 640         | TARGET               |                |             |
|             | FIRING PIN<br>INDENT |                |             |
| 660         | PACK                 |                |             |

| OP.#         | OP. NAME                                                       | READINGS | DATE   | INITIAL |
|--------------|----------------------------------------------------------------|----------|--------|---------|
| 575 &<br>580 | Assemble Action<br>and stock                                   |          |        |         |
| 600          | Proof                                                          |          |        |         |
| 607          | Check Headspace                                                |          |        |         |
| 610          | Dis-assemble gun                                               |          |        |         |
| 612          | Magnaflux Barrel<br>Action                                     |          |        |         |
|              | Magnaflux Bolt                                                 |          |        |         |
| 615          | Rollmark Caliber                                               |          |        |         |
| 617          | Drill & Tap Sight Holes                                        |          |        |         |
| 618          | Polish Barrel                                                  |          |        |         |
| 620          | Apply Coatings<br>(Barrel Action)                              |          |        |         |
|              | Apply Coatings (Bolt)                                          |          |        |         |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 9/1/88 | RW      |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 9/1/88 | RW      |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 9/1/88 | RW      |

OVER

OP.

625  
cont.

9/1/88 RW

26aug88 W.B.+H.S.

5.75 5.75 6 26aug88 W.B.+H.S.

3.25 3.5 3.5 26aug88 W.B.+H.S.

26aug88 W.B.+H.S.

0.225 0.225 0.225 26aug88 W.B.+H.S.

9/1/88 RW

9/30/88 H.S.

9/1/88 RW

9/1/88 RW

9/1/88 RW

9/1/88 RW

9/12/88 W.B.

9/16/88 W.B.

9/16/88 W.B.

9/21/88 W.B.

9/30/88 H.S.

9/30/88 H.S.

9/30/88 H.S.

10-21-88 H.S.

OK

OK

OK

640

44 R III L

645

655

660

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6225155

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | 1.01813 |
| 1 TO | 2 | .554301 |
| 1 TO | 3 | 1.31894 |
| 1 TO | 4 | .934981 |
| 1 TO | 5 | 1.20687 |

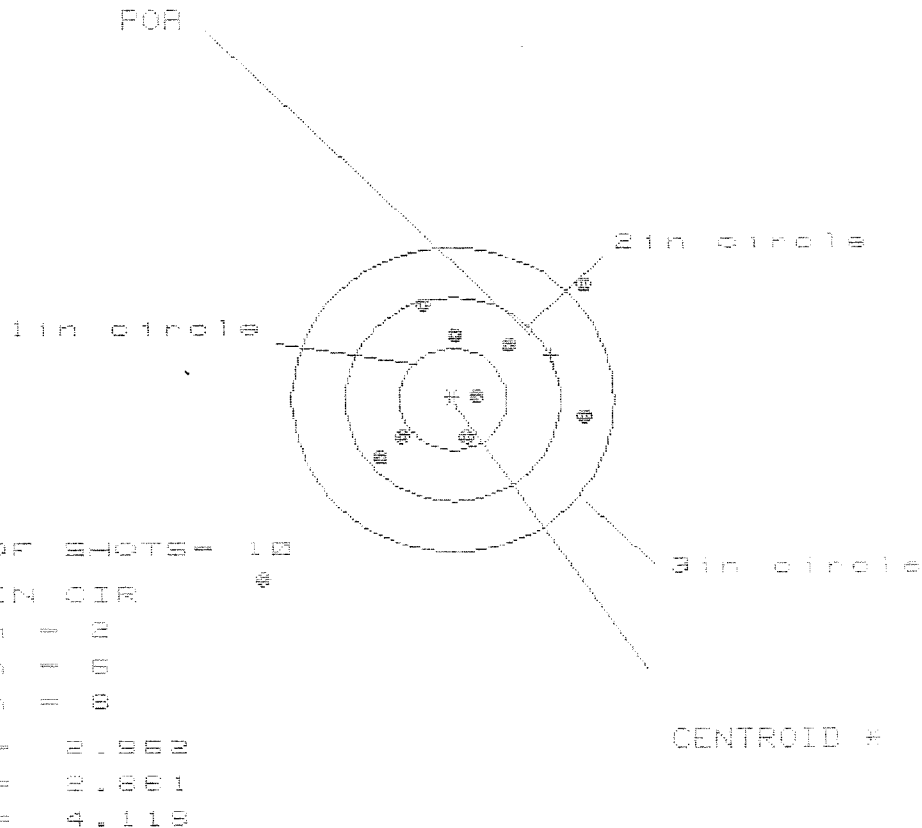
+ <----POA  
 1  
 2  
 3 4 5

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.6794  
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -1.1652  
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.34881  
 THE AMR FOR THIS RIFLE IS: 1.093

18 Sep 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/00225155

## CENTERFIRE PATTERNS # 1

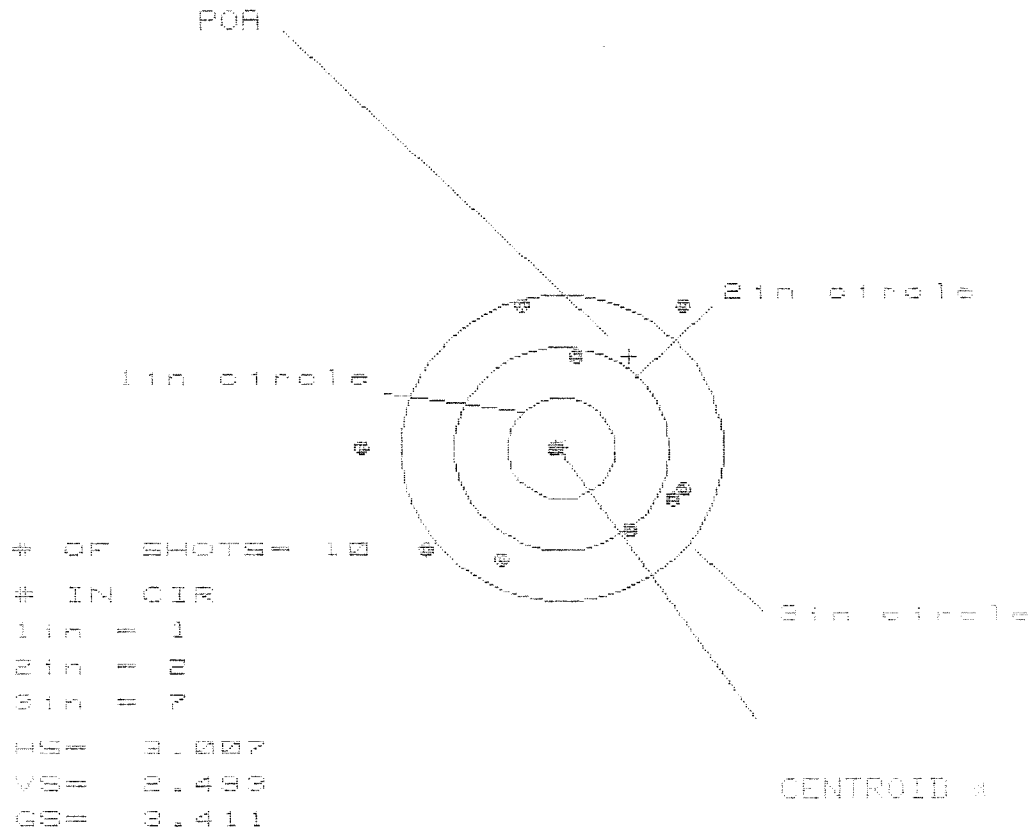


| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.288  | 1.084  | 1.107  |
| MINIMUM X                     | -1.762 | -0.882 | -0.757 |
| MAXIMUM Y                     | 1.136  | .944   | .902   |
| MINIMUM Y                     | -1.725 | -0.795 | -0.677 |
| CENTROID X                    | -0.921 | -0.725 | -0.858 |
| CENTROID Y                    | -0.434 | -0.242 | -0.360 |
| FOR TO CENTROID in.           | 1.018  | .764   | .924   |
| MIN RADIUS                    | .208   | .137   | .132   |
| MEAN RADIUS                   | .984   | .787   | .784   |
| MAX RADIUS                    | 2.466  | 1.378  | 1.132  |
| HORIZONTAL SPREAD             | 2.962  | 1.886  | 1.864  |
| VERTICAL SPREAD               | 2.861  | 1.739  | 1.579  |
| EXTREME SPREAD                | 4.118  | 2.565  | 1.916  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 6      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 8      |        |        |

16 Sep 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/08225155

## CENTERFIRE PATTERNS # 2



| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.144  | .937   | 1.037  |
| MINIMUM X                     | -1.863 | -1.505 | -1.388 |
| MAXIMUM Y                     | 1.394  | 1.391  | 1.535  |
| MINIMUM Y                     | -1.099 | -1.102 | -.928  |
| CENTROID X                    | -.632  | -.425  | -.542  |
| CENTROID Y                    | -.907  | -.904  | -1.078 |
| POA TO CENTROID in.           | 1.105  | .999   | 1.206  |
| MIN RADIUS                    | .022   | .229   | .205   |
| MEAN RADIUS                   | 1.224  | 1.143  | 1.065  |
| MAX RADIUS                    | 1.863  | 1.804  | 1.624  |
| HORIZONTAL SPREAD             | 3.007  | 2.442  | 2.425  |
| VERTICAL SPREAD               | 2.493  | 2.493  | 2.493  |
| EXTREME SPREAD                | 3.411  | 3.411  | 2.569  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 2      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 7      |        |        |

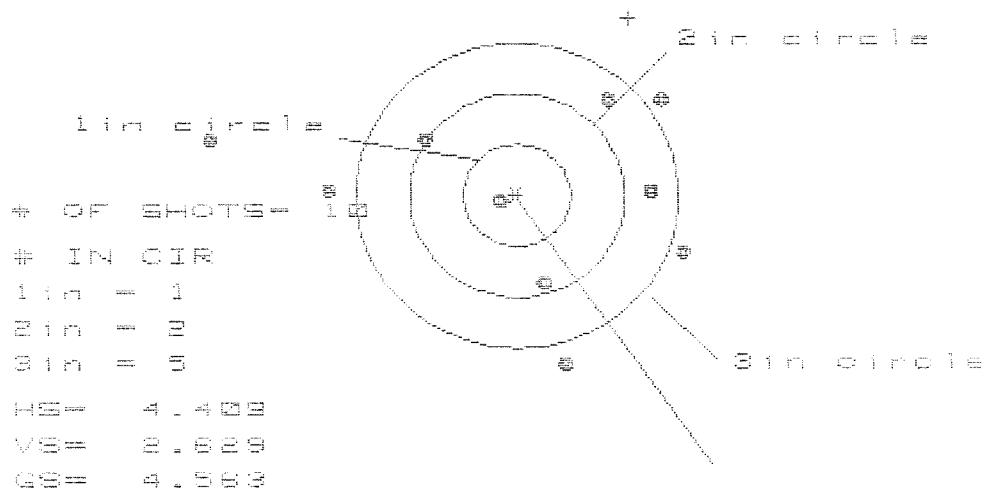
18 Sep 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C6225155

## CENTERFIRE PATTERNS

# 3

FOR



PATTERN #

:

3

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.556

1.239

.977

MINIMUM X

:

-2.853

-2.103

-1.431

MAXIMUM Y

:

.958

1.023

1.036

MINIMUM Y

:

-1.671

-1.606

-1.593

CENTROID X

:

-1.046

-.729

-.467

CENTROID Y

:

-1.747

-1.812

-1.825

FOR TO CENTROID in.

:

2.037

1.953

1.883

MIN RADIUS

:

.164

.479

.710

MEAN RADIUS

:

1.427

1.238

1.107

MAX RADIUS

:

2.911

2.105

1.586

HORIZONTAL SPREAD

:

4.409

3.342

2.408

VERTICAL SPREAD

:

2.629

2.629

2.629

EXTREME SPREAD

:

4.563

3.402

2.745

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

2

NUMBER IN THREE INCH CIRCLE =

5

18 Sep 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/Q8225155

## CENTERFIRE PATTERNS

# 4

FOR

1 in circle

2 in circle

3 in circle

# OF SHOTS = 10

# IN CH

1 in = 2

2 in = 7

3 in = 9

1 in = 0.009

2 in = 0.084

3 in = 0.041

CENTROID X

| PATTERN #                   | 1      | 2      | 3      |
|-----------------------------|--------|--------|--------|
| SHOTS (BEST OF)             | 10     | 9      | 8      |
| MAXIMUM X                   | 1.195  | .412   | .339   |
| MINIMUM X                   | -.814  | -.681  | -.754  |
| MAXIMUM Y                   | 2.371  | .872   | .785   |
| MINIMUM Y                   | -1.013 | -.749  | -.836  |
| CENTROID X                  | -.454  | -.587  | -.514  |
| CENTROID Y                  | -1.244 | -1.508 | -1.421 |
| FOR TO CENTROID in.         | 1.325  | 1.618  | 1.511  |
| MIN RADIUS                  | .180   | .304   | .238   |
| MEAN RADIUS                 | .900   | .682   | .632   |
| MAX RADIUS                  | 2.655  | .953   | .890   |
| HORIZONTAL SPREAD           | 2.009  | 1.093  | 1.093  |
| VERTICAL SPREAD             | 3.384  | 1.621  | 1.621  |
| EXTREME SPREAD              | 3.841  | 1.844  | 1.687  |
| NUMBER IN ONE INCH CIRCLE   | =      | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | =      | 7      |        |
| NUMBER IN THREE INCH CIRCLE | =      | 9      |        |

18 Sep 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225155

## CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

# OF SHOTS = 10

# IN CIR

1 in = 2

2 in = 6

3 in = 8

HS = 1.755

VS = 2.969

CS = 2.990

CENTROID \*

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | .046   | .782   | .578   |
| MINIMUM X                     | -1.109 | -1.053 | -.994  |
| MAXIMUM Y                     | 1.557  | 1.148  | .670   |
| MINIMUM Y                     | -1.412 | -1.239 | -1.096 |
| CENTROID X                    | -.344  | -.400  | -.258  |
| CENTROID Y                    | -1.494 | -1.667 | -1.810 |
| POA TO CENTROID in.           | 1.533  | 1.714  | 1.830  |
| MIN RADIUS                    | .300   | .165   | .314   |
| MEAN RADIUS                   | .931   | .839   | .746   |
| MAX RADIUS                    | 1.635  | 1.557  | 1.160  |
| HORIZONTAL SPREAD             | 1.755  | 1.755  | 1.564  |
| VERTICAL SPREAD               | 2.969  | 2.387  | 1.756  |
| EXTREME SPREAD                | 2.990  | 2.709  | 2.079  |
| NUMBER IN ONE INCH CIRCLE =   |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 9      |        |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6225155

DATE 26 Aug 88

TESTER W.B. + G.S.

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-------|------------------------------------------------------------------------|
| PULL #1 | 2.72             | 2.45                     | 2.69                           | 2.34  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.70             | 2.43                     | 2.64                           | 2.28  |                                                                        |
| PULL #3 | 2.71             | 2.44                     | 2.66                           | 2.30  |                                                                        |
| PULL #4 | 2.65             | 2.47                     | 2.65                           | 2.25  |                                                                        |
| PULL #5 | 2.63             | 2.47                     | 2.64                           | 2.26  |                                                                        |
| TOTAL   | 13.41            | 12.26                    | 13.28                          | 11.43 |                                                                        |
| AVG.    | 2.682            | 2.452                    | 2.656                          | 2.286 |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.28             | 3.18                     |  |          |
| PULL #2 | 3.27             | 3.21                     |  |          |
| PULL #3 | 3.20             | 3.20                     |  |          |
| PULL #4 | 3.27             | 3.23                     |  |          |
| PULL #5 | 3.12             | 3.28                     |  |          |
| TOTAL   | 16.14            | 16.10                    |  |          |
| AVG.    | 3.228            | 3.22                     |  |          |

|         | 4.00#<br>INITIAL | 4.00# AFTER<br>20 CYCLES | MAX SETTING<br>GREATER THAN 4# | RESET TO 4# FOR<br>TARGET & ACCURACY |
|---------|------------------|--------------------------|--------------------------------|--------------------------------------|
| PULL #1 | 4.41             | 4.21                     |                                | 4.30                                 |
| PULL #2 | 4.35             | 4.28                     |                                | 4.33                                 |
| PULL #3 | 4.36             | 4.27                     |                                | 4.36                                 |
| PULL #4 | 4.38             | 4.30                     |                                | 4.33                                 |
| PULL #5 | 4.34             | 4.31                     |                                | 4.34                                 |
| TOTAL   | 21.84            | 21.37                    |                                | 21.66                                |
| AVG.    | 4.368            | 4.274                    |                                | 4.332                                |

| MOD. <u>M-24</u> |         | GA. CAL. _____                                                | GUN # <u>26225155</u> |
|------------------|---------|---------------------------------------------------------------|-----------------------|
| # TEST           | DATE    | MALFUNCTION/DEFECT                                            | ASSEM. #              |
|                  | 1st     | <del>22</del><br><del>22</del>                                |                       |
|                  | 9/16/82 |                                                               |                       |
|                  | 2nd     | Extractor loose<br>New EXTRACTOR                              |                       |
|                  | 3rd     | DOESN'T EJECT<br>+<br>STAYS FRONT OF<br>MAG BOX               |                       |
|                  | 4th     | Adjust<br><del>Magazine</del><br>Box<br>Clean Ejector<br>Hole | D.W.                  |
|                  | 9/16/88 |                                                               |                       |
| FUNCTION         |         | RD 6654                                                       | Rev 1                 |

| TEST INIT. ACTION TO CORRECT |             | ASSEM.<br>#   |
|------------------------------|-------------|---------------|
| PROOF                        | D.E         | 24<br>9/22/88 |
| TEST                         |             |               |
| TGT                          |             |               |
| PROOF                        | New Ejector | 9/22/88       |
| TEST                         |             |               |
| TGT                          |             |               |
| PROOF                        | ENGINEER    |               |
| TEST                         |             |               |
| TGT                          |             |               |
| PROOF                        | ENGINEER    |               |
| TEST                         |             |               |
| TGT                          |             |               |

| MOD. _____ |                       | GA.<br>CAL. _____  | GUN<br># <u>06225755</u> |
|------------|-----------------------|--------------------|--------------------------|
| #<br>TEST  | DATE                  | MALFUNCTION/DEFECT | ASSEM.<br>#              |
|            | 1st<br><u>9/22/88</u> | <u>D.E.</u>        | <u>82</u>                |
|            | 2nd                   |                    |                          |
|            | 3rd                   |                    |                          |
|            | 4th                   |                    |                          |
|            |                       | FUNCTION           | RD 6654 Rev 1            |

| TEST INIT. ACTION TO CORRECT |          | ASSEM.<br># |
|------------------------------|----------|-------------|
| PROOF                        |          |             |
| TEST                         |          |             |
| TGT                          |          |             |
| PROOF                        |          |             |
| TEST                         |          |             |
| TGT                          |          |             |
| PROOF                        | ENGINEER |             |
| TEST                         |          |             |
| TGT                          |          |             |
| PROOF                        | ENGINEER |             |
| TEST                         |          |             |
| TGT                          |          |             |

**BARBER - M24 01670936167075**

# RECEIVING AND ESTIMATING REPORT

COMMENTS

SNIPER M-24 W/10X LEUPOLD SCOPE

|                                    |                         |           |                           |                                   |  |                     |  |  |
|------------------------------------|-------------------------|-----------|---------------------------|-----------------------------------|--|---------------------|--|--|
| INITIAL<br>JJM                     | CUSTOMER ORDER NO.      |           |                           |                                   |  |                     |  |  |
| DATE RECEIVED<br>08/08/90          | DATE OPENED<br>08/16/90 | DATE CODE | SERIAL NUMBER<br>C6225155 | MODEL AND GRADE<br>9999 7.65 NATO |  | ORDER<br>R 90-22049 |  |  |
| ACCESSORIES<br>SLING STRAP W/STUDS |                         | W/SWIVELS |                           | HARD CASE                         |  |                     |  |  |

FROM:

MAINTANCE DIVISION USAIC  
ATTN ATZB-DL-MA-Q  
BLDG 226  
FORT BENNING GA 31905-5173

SHIP TO:

MAINTANCE DIVISION USAIC  
ATTN ATZB-DL-MA-Q  
BLDG 226  
FORT BENNING GA  
31905-5173

|                |                    |                                |            |           |            |
|----------------|--------------------|--------------------------------|------------|-----------|------------|
| ACCOUNT NUMBER | ACCOUNT NUMBER N/C | WRITE <input type="checkbox"/> | PROM. DATE | ESTIMATED | VIA<br>UPS |
|----------------|--------------------|--------------------------------|------------|-----------|------------|

|               |     |           |     |             |       |
|---------------|-----|-----------|-----|-------------|-------|
| REPAIR CHARGE | TAX | INSURANCE | UPS | PARCEL POST | TOTAL |
|---------------|-----|-----------|-----|-------------|-------|

GUN CONDITION:

☐ NEW

☐ SLIGHTLY WORN

☐ VERY WORN

☐ MISUSED

☐ MARRED

CUSTOMER'S REQUEST

MAIN FAULT

PARTS

|                |       |       |      |        |         |
|----------------|-------|-------|------|--------|---------|
| REPAIRMAN      | PROOF | CLEAN | TEST | TARGET | PATTERN |
| GALLERY TESTER | DATE  | DATE  | DATE | DATE   | DATE    |

RD6925 REV. 6/88

WITH GUN

| MAINTENANCE REQUEST                                                                                                                                                                                                                                                                                              |                 |                                                                                                                                                                                                                                                    |                 | PAGE NO.<br>1                                             | NO. OF PAGES<br>1           | REQUIREMENTS CONTROL SYMBOL<br>CSGLD - 1047(R1)                                                               |                     |                                                     |               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------|---------------|
| SECTION I - EQUIPMENT DATA                                                                                                                                                                                                                                                                                       |                 |                                                                                                                                                                                                                                                    |                 |                                                           |                             |                                                                                                               |                     |                                                     |               |
| CONTROL NUMBER                                                                                                                                                                                                                                                                                                   |                 | WORK ORDER NO.                                                                                                                                                                                                                                     |                 | WESDC                                                     |                             | ORG. PD<br>03                                                                                                 |                     | PD AUTHENTICATION<br><i>Longwood</i>                |               |
| <input checked="" type="checkbox"/> Work Request<br><input type="checkbox"/> MWO<br><input type="checkbox"/> Warranty Claim                                                                                                                                                                                      |                 | 1A. ORGANIZATION<br><i>Weapons Pool Br<br/>MAINT DIV, DOL</i>                                                                                                                                                                                      |                 | B. LOCATION<br><i>Bldg 9106<br/>Ft. Benning, Ga 31905</i> |                             | C. UNIT IDENT CODE<br><i>W04255</i>                                                                           |                     |                                                     |               |
| 2. SERIAL NO.<br><i>C6225155</i>                                                                                                                                                                                                                                                                                 |                 | 3. NOUN NOMENCLATURE<br><i>Rifle Sniper</i>                                                                                                                                                                                                        |                 | 4. LINE NO.<br><i>R95387</i>                              |                             | 5. MODEL<br><i>M24</i>                                                                                        |                     | 6. NATIONAL STOCK NUMBER<br><i>1005-01-240-2136</i> |               |
| 7A. MAINTENANCE ACTIVITY                                                                                                                                                                                                                                                                                         |                 | B. LEVEL<br><i>H</i>                                                                                                                                                                                                                               |                 | 8. UTILIZATION CODE<br><i>Q</i>                           |                             | 9A. MCSR ITEM                                                                                                 |                     | 9B. ERC                                             |               |
|                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                                                                                                                                                    |                 |                                                           |                             |                                                                                                               |                     |                                                     |               |
| 14. FAILURE DETECTED DURING (Select one - use <input checked="" type="checkbox"/> or X)                                                                                                                                                                                                                          |                 | 15. FIRST INDICATION OF TROUBLE (Select one - use <input checked="" type="checkbox"/> or X)                                                                                                                                                        |                 |                                                           |                             |                                                                                                               |                     |                                                     |               |
| <input type="checkbox"/> A Sch. Main. <input type="checkbox"/> C Test <input type="checkbox"/> E Storage <input type="checkbox"/> G Flight<br><input type="checkbox"/> B Handling <input checked="" type="checkbox"/> D Normal Op <input type="checkbox"/> F Inspection <input type="checkbox"/> H Other         |                 | <input type="checkbox"/> 068 Inoperative <input type="checkbox"/> 258 Overheating <input type="checkbox"/> 790 Out of Adjustment<br><input type="checkbox"/> 008 Noisy <input type="checkbox"/> 387 Low Performance <input type="checkbox"/> Other |                 |                                                           |                             |                                                                                                               |                     |                                                     |               |
| 16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs).<br><i>PAINT Peeling off BARREL, STOCK Fibers wearing through, Rear Scope Cover Broken Finish wearing off of Scope, Receiver screw missing, Bolt Release sticks</i> |                 |                                                                                                                                                                                                                                                    |                 |                                                           |                             |                                                                                                               |                     |                                                     |               |
| B. REMARKS<br><i>Reconditioning Not Done. - Rifle Checked &amp; Repaired for Function Only - Remington Arms Co. Inc.</i>                                                                                                                                                                                         |                 |                                                                                                                                                                                                                                                    |                 |                                                           |                             |                                                                                                               |                     |                                                     |               |
| SECTION II - WORK ACCOMPLISHED                                                                                                                                                                                                                                                                                   |                 |                                                                                                                                                                                                                                                    |                 |                                                           |                             |                                                                                                               |                     |                                                     |               |
| 17A. REPAIR ORGANIZATION/ACTIVITY                                                                                                                                                                                                                                                                                |                 |                                                                                                                                                                                                                                                    |                 | C. UNIT IDENT. CODE                                       |                             | 18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use <input checked="" type="checkbox"/> or X) |                     | 19. AMS ACCT. CODE                                  |               |
| B. LOCATION                                                                                                                                                                                                                                                                                                      |                 |                                                                                                                                                                                                                                                    |                 |                                                           |                             | <input type="checkbox"/> 1 TOE <input type="checkbox"/> 2 TD <input type="checkbox"/> 3 Contractor            |                     |                                                     |               |
| 20A. ACT. CODE                                                                                                                                                                                                                                                                                                   | B. FAILURE CODE | C. COMPONENT/PART NOUN, SVC, OR MWO NO.                                                                                                                                                                                                            |                 |                                                           | D. MANHOURS (Hrs. & tenths) | E. NATIONAL STOCK NUMBER                                                                                      | F. PART SOURCE CODE | G. QTY.                                             | H. PARTS COST |
|                                                                                                                                                                                                                                                                                                                  |                 | (1) CB CODE                                                                                                                                                                                                                                        | (2) REF DESIGN. | (3) MFR. CODE                                             |                             |                                                                                                               |                     |                                                     |               |
|                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                                                                                                                                                    |                 |                                                           | .                           |                                                                                                               |                     |                                                     | \$            |
|                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                                                                                                                                                    |                 |                                                           | .                           |                                                                                                               |                     |                                                     | \$            |
|                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                                                                                                                                                    |                 |                                                           | .                           |                                                                                                               |                     |                                                     | \$            |
|                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                                                                                                                                                    |                 |                                                           | .                           |                                                                                                               |                     |                                                     | \$            |
|                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                                                                                                                                                    |                 |                                                           | .                           |                                                                                                               |                     |                                                     | \$            |
|                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                                                                                                                                                    |                 |                                                           | .                           |                                                                                                               |                     |                                                     | \$            |
|                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                                                                                                                                                    |                 |                                                           | .                           |                                                                                                               |                     |                                                     | \$            |
|                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                                                                                                                                                    |                 |                                                           | .                           |                                                                                                               |                     |                                                     | \$            |
|                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                                                                                                                                                    |                 |                                                           | .                           |                                                                                                               |                     |                                                     | \$            |
|                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                                                                                                                                                    |                 |                                                           | .                           |                                                                                                               |                     |                                                     | \$            |
|                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                                                                                                                                                    |                 |                                                           | .                           |                                                                                                               |                     |                                                     | \$            |
|                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                                                                                                                                                    |                 |                                                           | .                           |                                                                                                               |                     |                                                     | \$            |
| I. TOTAL MANHOURS                                                                                                                                                                                                                                                                                                |                 |                                                                                                                                                                                                                                                    |                 |                                                           | J. TOTAL MANHOURS COST      |                                                                                                               | K. TOTAL PARTS COST |                                                     |               |
|                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                                                                                                                                                    |                 |                                                           | \$                          |                                                                                                               | \$                  |                                                     |               |
| 21. DELAY (Select One) <input type="checkbox"/> 1 Parts <input type="checkbox"/> 2 Manpower <input type="checkbox"/> 3 Facilities <input type="checkbox"/> 4 Funds <input type="checkbox"/> 5 Tools                                                                                                              |                 |                                                                                                                                                                                                                                                    |                 |                                                           |                             |                                                                                                               |                     |                                                     |               |
| 23. SUBMITTED BY<br><i>Longwood</i>                                                                                                                                                                                                                                                                              |                 | 24. RECEIVED BY                                                                                                                                                                                                                                    |                 | 25. WORK STARTED BY                                       |                             | 26. INSPECTED BY                                                                                              |                     | 27. ACCEPTED BY                                     |               |
| JULIAN DATE                                                                                                                                                                                                                                                                                                      |                 | JULIAN DATE                                                                                                                                                                                                                                        |                 | JULIAN DATE                                               |                             | JULIAN DATE                                                                                                   |                     | JULIAN DATE                                         |               |
| 28. DISPOSITION (Select One)                                                                                                                                                                                                                                                                                     |                 |                                                                                                                                                                                                                                                    |                 |                                                           |                             |                                                                                                               |                     |                                                     |               |
| <input type="checkbox"/> A To User <input type="checkbox"/> D Evacuated<br><input type="checkbox"/> B To Stock <input type="checkbox"/> E Cannibalization<br><input type="checkbox"/> C Salvaged                                                                                                                 |                 |                                                                                                                                                                                                                                                    |                 |                                                           |                             |                                                                                                               |                     |                                                     |               |

10/88 GUN BARBER - M24 0167039  
REWORKED 8/89

NEW BARREL  
M-24

SCOPE #  
87-1121

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6725155

| OP. #        | OP. NAME                                                       | READINGS | DATE        | INIT |
|--------------|----------------------------------------------------------------|----------|-------------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   |          | APR 23 1991 | RW   |
| 600          | Proof                                                          |          | APR 23 1991 | RW   |
| 607          | Check Headspace                                                |          | APR 23 1991 | RW   |
| 610          | Dis-assemble Gun                                               |          | APR 23 1991 | RW   |
| 612          | Magnaflux Barrel<br>Action                                     |          | APR 24 1991 | KCR  |
|              | Magnaflux Bolt                                                 |          | APR 24 1991 | KCR  |
| 615          | Rollmark Caliber                                               |          | APR 24 1991 | GS   |
| 617          | Drill and Tap Sight Holes                                      |          | APR 25 1991 | EB   |
| 618          | Polish Barrel                                                  |          | APR 25 1991 | EB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | APR 26 1991 | TJA  |
|              | Apply Coating (Bolt)                                           |          | APR 26 1991 | TJA  |
| 625          | Final Assembly                                                 |          |             |      |
|              | A) Clean inside of<br>Bolt Assembly                            |          | 5/2/91      | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 5/7/91      | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 5/7/91      | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 5/7/91      | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 5-9-91      | DH   |

| op. #        | OP. NAME                                                    | READINGS |      |      |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|------|------|---------|------|
|              |                                                             |          |      |      |      |      |         |      |
| 625<br>cont. | F) Safety On Force                                          | 6        | 6    | 5    |      |      | 5-10-91 | AC   |
|              | G) Safety Off Force                                         | 4        | 3    | 4    |      |      | 5-10-91 | AC   |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |      |      | 5-9-91  | JH   |
|              | I) Firing Pin Indent                                        | .20      | .20  | .20  |      |      | 5-10-91 | AC   |
|              | J) Assemble Stock                                           |          |      |      |      |      | 5/11/91 | RW   |
|              | K) Assemble Swivel Studs                                    |          |      |      |      |      | 5/11/91 | RW   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |      |      |      | 5/11/91 | RW   |
|              | M) Iron Sight Alignment                                     |          |      |      |      |      | 5/11/91 | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |      |      |      | 5/11/91 | RW   |
|              | O) Attach Scope to Rifle                                    |          |      |      |      |      | 5/11/91 | RW   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |      |      |      | 5/11/91 | RW   |
| 640          | Gallery Target & Test                                       |          |      |      |      |      | 5-11-91 | AC   |
|              | A) Time                                                     |          |      |      |      |      | 5-11-91 | AC   |
|              | B) Malfunctions                                             |          |      |      |      |      | 5-11-91 | AC   |
|              | C) Pierced Primers                                          |          |      |      |      |      | 5-11-91 | AC   |
|              | D) Optical Clarity of Scope                                 |          |      |      |      |      | 5-11-91 | AC   |
| 645          | Inspect for Live Ammo                                       |          |      |      |      |      | 5-11-91 | AC   |
| 655          | Final Inspection                                            |          |      |      |      |      |         |      |
|              | A) Headspace                                                |          |      |      |      |      | 5/13/91 | RW   |
|              | B) Trigger Pull                                             | 2.59     | 2.56 | 2.57 | 2.54 | 2.60 | 5/13/91 | JH   |
|              | C) Function                                                 |          |      |      |      |      | 5/13/91 | RW   |
| 660          | Pack                                                        |          |      |      |      |      | 5/18/91 | WB   |

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

SERIAL NO. CG225155  
DATE 5-9-91  
TESTER OH

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.67             | 2.66                     | 2.76                           | 2.59 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.62             | 2.70                     | 2.75                           | 2.56 |                                                                        |
| PULL #3 | 2.48             | 2.70                     | 2.77                           | 2.57 |                                                                        |
| PULL #4 | 2.64             | 2.70                     | 2.78                           | 2.59 |                                                                        |
| PULL #5 | 2.60             | 2.65                     | 2.85                           | 2.60 |                                                                        |
| TOTAL   |                  |                          |                                |      |                                                                        |
| AVG.    |                  |                          |                                |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.17             | 3.28                     |  |          |
| PULL #2 | 3.22             | 3.13                     |  |          |
| PULL #3 | 3.22             | 3.24                     |  |          |
| PULL #4 | 3.22             | 3.08                     |  |          |
| PULL #5 | 3.28             | 3.19                     |  |          |
| TOTAL   |                  |                          |  |          |
| AVG.    |                  |                          |  |          |

|         | 4.00#<br>INITIAL | 4.00# AFTER<br>20 CYCLES | MAX SETTING<br>GREATER THAN 4# | RESET TO 4# FOR<br>TARGET & ACCURACY |
|---------|------------------|--------------------------|--------------------------------|--------------------------------------|
| PULL #1 | 4.32             | 4.46                     |                                | 4.16                                 |
| PULL #2 | 4.33             | 4.36                     |                                | 4.21                                 |
| PULL #3 | 4.28             | 4.47                     |                                | 4.06                                 |
| PULL #4 | 4.48             | 4.10                     |                                | 4.19                                 |
| PULL #5 | 4.42             | 4.45                     |                                | 4.19                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6225155  
11 May 1991

CENTROIDAL DISTANCES

|      |   |          |
|------|---|----------|
| 0 TO | 1 | .0780064 |
| 1 TO | 2 | .214709  |
| 1 TO | 3 | .102591  |
| 1 TO | 4 | .363706  |
| 1 TO | 5 | .137208  |

$\frac{d^2}{dx^2}$  <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .088  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .09  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .125870

THE AMR FOR THIS RIFLE IS: .8976

11 May 1981

FILE:/PATTERNING/CENTERFIRE\_PATT/06225155

## CENTERFIRE PATTERNS

# 1

POA

1in circle

2in circle

3in circle

# OF SHOTS - 10

# IN CIR

1in = 3

2in = 8

3in = 10

CENTROID \*

HS = 1.828

VS = 2.735

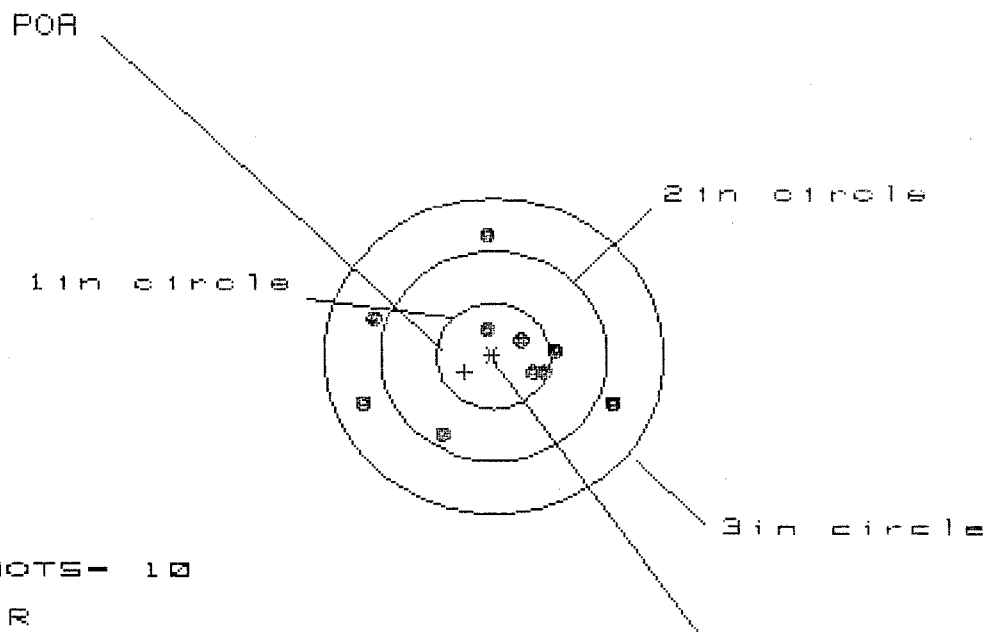
GS = 2.939

| PATTERN #                   | : | 1      | 2      | 3     |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | .947   | 1.025  | .989  |
| MINIMUM X                   | : | -.881  | -.803  | -.839 |
| MAXIMUM Y                   | : | 1.319  | .823   | .665  |
| MINIMUM Y                   | : | -1.416 | -1.270 | -.757 |
| CENTROID X                  | : | .063   | -.015  | .021  |
| CENTROID Y                  | : | .046   | -.100  | .058  |
| POA TO CENTROID in.         | : | .078   | .101   | .062  |
| MIN RADIUS                  | : | .164   | .168   | .200  |
| MEAN RADIUS                 | : | .813   | .735   | .651  |
| MAX RADIUS                  | : | 1.497  | 1.302  | 1.020 |
| HORIZONTAL SPREAD           | : | 1.828  | 1.828  | 1.828 |
| VERTICAL SPREAD             | : | 2.735  | 2.093  | 1.422 |
| EXTREME SPREAD              | : | 2.939  | 2.131  | 1.830 |
| NUMBER IN ONE INCH CIRCLE   | = | 3      |        |       |
| NUMBER IN TWO INCH CIRCLE   | = | 8      |        |       |
| NUMBER IN THREE INCH CIRCLE | = | 10     |        |       |

11 May 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6225155

## CENTERFIRE PATTERNS # 2



# OF SHOTS - 10

# IN CIR

1 in - 3

2 in - 6

3 in = 10

HS - 2.206

VS - 1.928

GS - 2.221

CENTROID \*

| PATTERN #                   | : | 10     | 9      | 8      |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.046  | .917   | .899   |
| MINIMUM X                   | : | -1.160 | -1.176 | -1.194 |
| MAXIMUM Y                   | : | 1.171  | 1.120  | .419   |
| MINIMUM Y                   | : | -.757  | -.808  | -.668  |
| CENTROID X                  | : | .253   | .382   | .400   |
| CENTROID Y                  | : | .146   | .197   | .057   |
| POR TO CENTROID in.         | : | .292   | .430   | .404   |
| MIN RADIUS                  | : | .234   | .159   | .188   |
| MEAN RADIUS                 | : | .749   | .654   | .591   |
| MAX RADIUS                  | : | 1.248  | 1.209  | 1.266  |
| HORIZONTAL SPREAD           | : | 2.206  | 2.093  | 2.093  |
| VERTICAL SPREAD             | : | 1.928  | 1.928  | 1.087  |
| EXTREME SPREAD              | : | 2.221  | 2.221  | 2.221  |
| NUMBER IN ONE INCH CIRCLE   | = | 3      |        |        |
| NUMBER IN TWO INCH CIRCLE   | = | 6      |        |        |
| NUMBER IN THREE INCH CIRCLE | = | 10     |        |        |

11 May 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/CG225155

## CENTERFIRE PATTERNS

# 3

POA

1 in circle

2 in circle

3 in circle

CENTROID \*

# OF SHOTS- 10

# IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.301

VS= 3.072

GS= 3.193

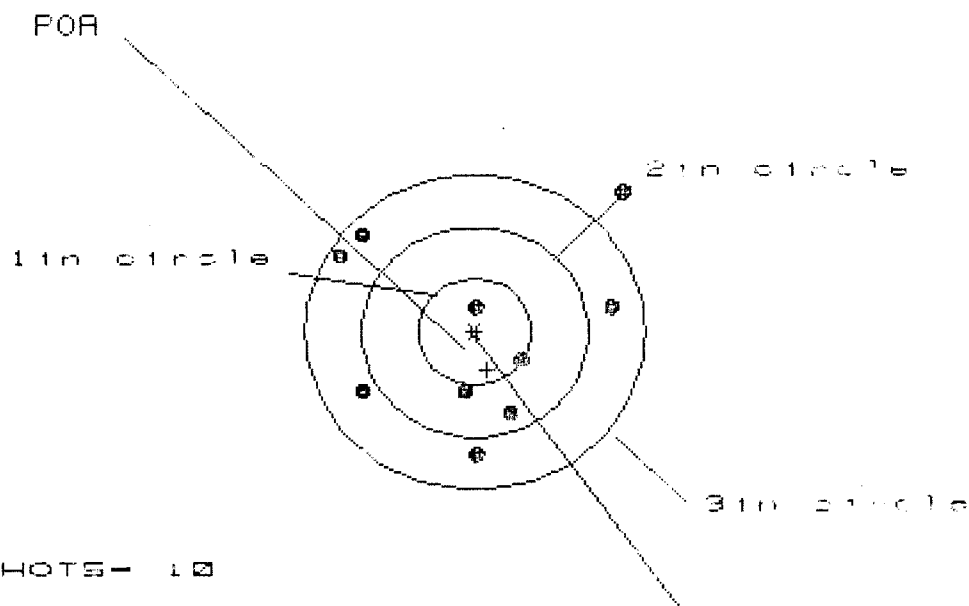
| PATTERN #                   | : | 10     | 9      | 8      |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.424  | 1.327  | 1.313  |
| MINIMUM X                   | : | -.877  | -.640  | -.654  |
| MAXIMUM Y                   | : | 1.573  | 1.407  | 1.172  |
| MINIMUM Y                   | : | -1.499 | -1.642 | -1.467 |
| CENTROID X                  | : | .074   | .171   | .185   |
| CENTROID Y                  | : | -.056  | .110   | -.065  |
| POA TO CENTROID in.         | : | .093   | .204   | .196   |
| MIN RADIUS                  | : | .195   | .388   | .266   |
| MEAN RADIUS                 | : | 1.061  | .979   | .924   |
| MAX RADIUS                  | : | 1.737  | 1.648  | 1.472  |
| HORIZONTAL SPREAD           | : | 2.301  | 1.967  | 1.967  |
| VERTICAL SPREAD             | : | 3.072  | 3.049  | 2.639  |
| EXTREME SPREAD              | : | 3.193  | 3.059  | 2.660  |
| NUMBER IN ONE INCH CIRCLE   | = | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE   | = | 5      |        |        |
| NUMBER IN THREE INCH CIRCLE | = | 8      |        |        |

11 May 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6225155

## CENTERFIRE PATTERNS

# 4



# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 4

3 in = 8

HSI = 2.446

VS = 2.513

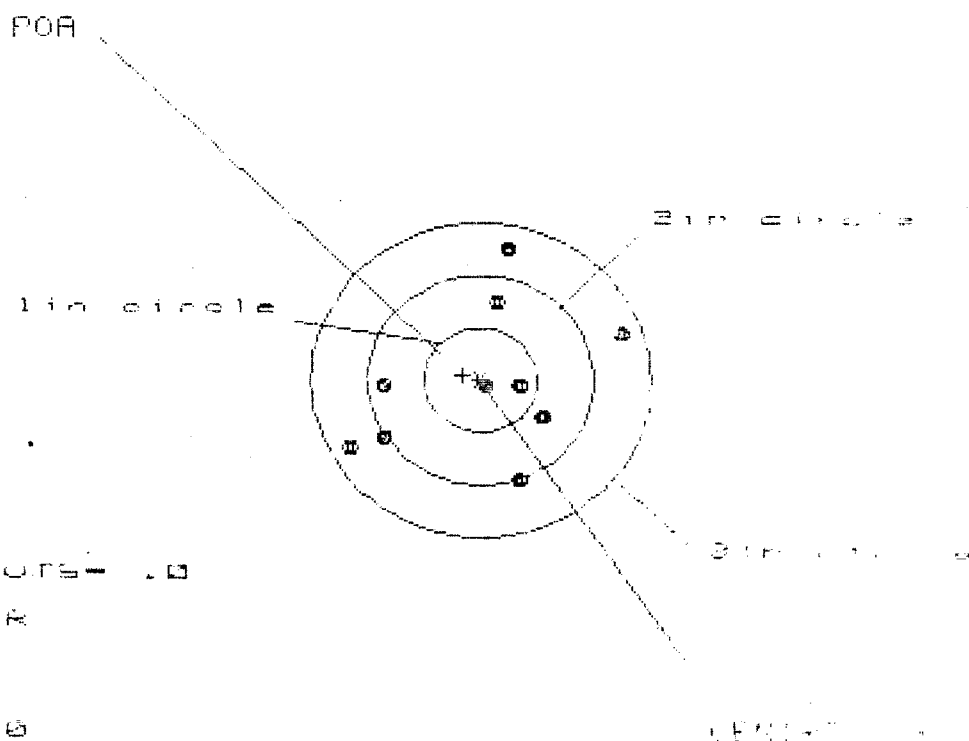
GS = 2.936

| PATTERN #                   | : | 10     | 9      | 8      |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.290  | 1.343  | 1.217  |
| MINIMUM X                   | : | -1.156 | -1.013 | -0.974 |
| MAXIMUM Y                   | : | 1.299  | 1.035  | 1.143  |
| MINIMUM Y                   | : | -1.214 | -1.070 | -0.962 |
| CENTROID X                  | : | -0.108 | -0.251 | -0.125 |
| CENTROID Y                  | : | .367   | .223   | .115   |
| POA TO CENTROID in.         | : | .382   | .336   | .170   |
| MIN RADIUS                  | : | .241   | .407   | .330   |
| MEAN RADIUS                 | : | 1.018  | .912   | .827   |
| MAX RADIUS                  | : | 1.831  | 1.385  | 1.482  |
| HORIZONTAL SPREAD           | : | 2.446  | 2.356  | 2.191  |
| VERTICAL SPREAD             | : | 2.513  | 2.105  | 2.105  |
| EXTREME SPREAD              | : | 2.936  | 2.412  | 2.318  |
| NUMBER IN ONE INCH CIRCLE   | = | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE   | = | 4      |        |        |
| NUMBER IN THREE INCH CIRCLE | = | 9      |        |        |

11 May 1991

FILE: \PATTERNING\CENTERFIRE\_PATT\04025135

## CENTERFIRE PATTERNS # 3



# OF SHOTS - 10

# IN CIR

1 in = 2

2 in = 6

3 in = 10

1st = 2.343

2nd = 2.237

3rd = 2.506

| PATTERN #                   | : | 10     | 9      | 8      |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.228  | 1.564  | 1.710  |
| MINIMUM X                   | : | -1.115 | -1.978 | -1.932 |
| MAXIMUM Y                   | : | 1.289  | 1.344  | 1.763  |
| MINIMUM Y                   | : | -1.947 | -1.893 | -1.725 |
| CENTROID X                  | : | .158   | .021   | -.025  |
| CENTROID Y                  | : | -.053  | -.108  | -.276  |
| PCA TO CENTROID in.         | : | .166   | .110   | .277   |
| 1IN RADIUS                  | : | .032   | .178   | .311   |
| MEAN RADIUS                 | : | .847   | .808   | .735   |
| MAX RADIUS                  | : | 1.324  | 1.393  | 1.025  |
| HORIZONTAL SPREAD           | : | 2.343  | 1.642  | 1.542  |
| VERTICAL SPREAD             | : | 2.237  | 2.237  | 1.793  |
| EXTREME SPREAD              | : | 2.506  | 2.357  | 1.806  |
| NUMBER IN ONE INCH CIRCLE   | = | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE   | = | 6      |        |        |
| NUMBER IN THREE INCH CIRCLE | = | 10     |        |        |

| MAINTENANCE REQUEST                                                                                                                                                                                                                                                                                                                                                                              |  |                                                    |  |                                                                                      |  | PAGE NO.                                                                                                                                                                                                                                                                                                                                                       | NO. OF PAGES                | REQUIREMENTS CONTROL SYMBOL                  |                          |                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                     |  |                           |  |               |  |                    |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------|--|--------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------------------------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------|--|---------------|--|--------------------|--|
| For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG                                                                                                                                                                                                                                                                                                                         |  |                                                    |  |                                                                                      |  | 1                                                                                                                                                                                                                                                                                                                                                              | 1                           | CSGLD - 1047(R1)                             |                          |                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                     |  |                           |  |               |  |                    |  |
| SECTION I - EQUIPMENT DATA                                                                                                                                                                                                                                                                                                                                                                       |  |                                                    |  |                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                |                             |                                              |                          |                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                     |  |                           |  |               |  |                    |  |
| CONTROL NUMBER                                                                                                                                                                                                                                                                                                                                                                                   |  | WORK ORDER NO.                                     |  | WESDC                                                                                |  | ORG. PD<br>03                                                                                                                                                                                                                                                                                                                                                  |                             | PD AUTHENTICATION<br><i>[Signature]</i>      |                          |                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                     |  |                           |  |               |  |                    |  |
| <input checked="" type="checkbox"/> Work Request<br><input type="checkbox"/> MWO<br><input type="checkbox"/> Warranty Claim                                                                                                                                                                                                                                                                      |  | 1A. ORGANIZATION<br>CRESCENZ WPNS POOL<br>544-1625 |  | B. LOCATION<br>FT BENNING, GA 31905                                                  |  | C. UNIT IDENT CODE<br>MOW255                                                                                                                                                                                                                                                                                                                                   |                             |                                              |                          |                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                     |  |                           |  |               |  |                    |  |
| 2. SERIAL NO.<br>L6225755                                                                                                                                                                                                                                                                                                                                                                        |  | 3. NOUN NOMENCLATURE<br>Rifle Sniper               |  | 4. LINE NO.<br>R95387                                                                |  | 5. MODEL<br>M24                                                                                                                                                                                                                                                                                                                                                |                             | 6. NATIONAL STOCK NUMBER<br>1005-01-240-2136 |                          |                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                     |  |                           |  |               |  |                    |  |
| 7A. MAINTENANCE ACTIVITY<br>INST MAINT DIV                                                                                                                                                                                                                                                                                                                                                       |  | B. LEVEL<br>H                                      |  | 8. UTILIZATION CODE<br>Q                                                             |  | 9A. MCSR ITEM                                                                                                                                                                                                                                                                                                                                                  |                             | 9B. ERC                                      |                          | 9C. PACING ITEM                                                                                                                                                                                                                  |  | 10. HOURS                                                                                                                                                                                                           |  | 11. MILES                 |  | 12. ROUNDS    |  | 13. STARTS         |  |
| 14. FAILURE DETECTED DURING (Select one - use <input checked="" type="checkbox"/> or X)<br><input type="checkbox"/> A Sch. Main. <input type="checkbox"/> C Test <input type="checkbox"/> E Storage <input type="checkbox"/> G Flight <input type="checkbox"/> B Handling <input type="checkbox"/> D Normal Op <input type="checkbox"/> F Inspection <input checked="" type="checkbox"/> H Other |  |                                                    |  |                                                                                      |  | 15. FIRST INDICATION OF TROUBLE (Select one - use <input checked="" type="checkbox"/> or X)<br><input type="checkbox"/> 068 Inoperative <input type="checkbox"/> 258 Overheating <input type="checkbox"/> 790 Out of Adjustment <input type="checkbox"/> 008 Noisy <input type="checkbox"/> 387 Low Performance <input checked="" type="checkbox"/> 1009 Other |                             |                                              |                          |                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                     |  |                           |  |               |  |                    |  |
| 16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs).<br>See Attached 2404, check the whole weapons system                                                                                                                                                                                               |  |                                                    |  |                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                |                             |                                              |                          |                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                     |  |                           |  |               |  |                    |  |
| B. REMARKS                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                    |  |                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                |                             |                                              |                          |                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                     |  |                           |  |               |  |                    |  |
| SECTION II - WORK ACCOMPLISHED                                                                                                                                                                                                                                                                                                                                                                   |  |                                                    |  |                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                |                             |                                              |                          |                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                     |  |                           |  |               |  |                    |  |
| 17A. REPAIR ORGANIZATION/ACTIVITY<br>MAINT DIV, DOL                                                                                                                                                                                                                                                                                                                                              |  |                                                    |  |                                                                                      |  | C. UNIT IDENT. CODE                                                                                                                                                                                                                                                                                                                                            |                             |                                              |                          |                                                                                                                                                                                                                                  |  | 18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use <input checked="" type="checkbox"/> or X)<br><input type="checkbox"/> 1 TOE <input type="checkbox"/> 2 TD <input type="checkbox"/> 3 Contractor |  |                           |  |               |  | 19. AMS ACCT. CODE |  |
| B. LOCATION<br>FT BENNING, GA 31905                                                                                                                                                                                                                                                                                                                                                              |  |                                                    |  |                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                |                             |                                              |                          |                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                     |  |                           |  |               |  |                    |  |
| 20A. ACT. CODE                                                                                                                                                                                                                                                                                                                                                                                   |  | B. FAILURE CODE                                    |  | C. COMPONENT/PART NOUN, SVC, OR MWO NO.<br>(1) CB CODE (2) REF DESIGN. (3) MFR. CODE |  |                                                                                                                                                                                                                                                                                                                                                                | D. MANHOURS (Hrs. & tenths) |                                              | E. NATIONAL STOCK NUMBER |                                                                                                                                                                                                                                  |  | F. PART SOURCE CODE                                                                                                                                                                                                 |  | G. QTY.                   |  | H. PARTS COST |  |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                    |  |                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                | .                           |                                              |                          |                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                     |  |                           |  | \$            |  |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                    |  |                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                | .                           |                                              |                          |                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                     |  |                           |  | \$            |  |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                    |  |                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                | .                           |                                              |                          |                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                     |  |                           |  | \$            |  |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                    |  |                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                | .                           |                                              |                          |                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                     |  |                           |  | \$            |  |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                    |  |                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                | .                           |                                              |                          |                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                     |  |                           |  | \$            |  |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                    |  |                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                | .                           |                                              |                          |                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                     |  |                           |  | \$            |  |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                    |  |                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                | .                           |                                              |                          |                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                     |  |                           |  | \$            |  |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                    |  |                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                | .                           |                                              | RX REPARABLE EX          |                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                     |  |                           |  | \$            |  |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                    |  |                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                | .                           |                                              | BENCH STOCK              |                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                     |  |                           |  | \$            |  |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                    |  |                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                | .                           |                                              | OTHER PARTS              |                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                     |  |                           |  | \$            |  |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                    |  |                                                                                      |  | I. TOTAL MANHOURS                                                                                                                                                                                                                                                                                                                                              |                             |                                              |                          | J. TOTAL MANHOURS COST<br>\$                                                                                                                                                                                                     |  |                                                                                                                                                                                                                     |  | K. TOTAL PARTS COST<br>\$ |  |               |  |                    |  |
| 21. DELAY (Select One)<br><input type="checkbox"/> 1 Parts <input type="checkbox"/> 2 Manpower <input type="checkbox"/> 3 Facilities <input type="checkbox"/> 4 Funds <input type="checkbox"/> 5 Tools                                                                                                                                                                                           |  |                                                    |  |                                                                                      |  | 22. Data Transcribed                                                                                                                                                                                                                                                                                                                                           |                             |                                              |                          |                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                     |  |                           |  |               |  |                    |  |
| 23. SUBMITTED BY<br><i>[Signature]</i>                                                                                                                                                                                                                                                                                                                                                           |  | 24. RECEIVED BY                                    |  | 25. WORK STARTED BY                                                                  |  | 26. INSPECTED BY                                                                                                                                                                                                                                                                                                                                               |                             | 27. ACCEPTED BY                              |                          | 28. DISPOSITION (Select One)<br><input type="checkbox"/> A To User <input type="checkbox"/> D Evacuated<br><input type="checkbox"/> B To Stock <input type="checkbox"/> E Cannibalization<br><input type="checkbox"/> C Salvaged |  |                                                                                                                                                                                                                     |  |                           |  |               |  |                    |  |
| JULIAN DATE                                                                                                                                                                                                                                                                                                                                                                                      |  | JULIAN DATE                                        |  | JULIAN DATE                                                                          |  | JULIAN DATE                                                                                                                                                                                                                                                                                                                                                    |                             | JULIAN DATE                                  |                          |                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                     |  |                           |  |               |  |                    |  |



| 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<br>Dec 2/29 Inf Sniper School                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                                                     |                    |          | 2. NOMENCLATURE AND MODEL<br>M24 SWS                                                                                                                                                                                                                                                                                                                     |               |                      |                             |                           |
| 3. REGISTRATION/SERIAL/NSN<br>C6225155                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                                                     | 4a. MILES          | b. HOURS | c. ROUNDS FIRED<br>13002                                                                                                                                                                                                                                                                                                                                 | d. HOT STARTS | 5. DATE<br>22 Jan 91 |                             | 6. TYPE INSPECTION<br>T I |
| 7. APPLICABLE REFERENCE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |                                                     |                    |          |                                                                                                                                                                                                                                                                                                                                                          |               |                      |                             |                           |
| TM NUMBER<br>9-1005-306-10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |                                                     | TM DATE<br>June 89 |          | TM NUMBER                                                                                                                                                                                                                                                                                                                                                |               |                      | TM DATE                     |                           |
| COLUMN a - Enter TM item number.<br>COLUMN b - Enter the applicable condition status symbol.<br>COLUMN c - Enter deficiencies and shortcomings.                                                                                                                                                                                                                                                                                                                                                                                         |             |                                                     |                    |          | COLUMN d - Show corrective action for deficiency or shortcoming listed in Column c.<br>COLUMN e - Individual ascertaining completed corrective action initial in this column.                                                                                                                                                                            |               |                      |                             |                           |
| STATUS SYMBOLS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |                                                     |                    |          |                                                                                                                                                                                                                                                                                                                                                          |               |                      |                             |                           |
| <p>"X"-Indicates a deficiency in the equipment that places it in an inoperable status.</p> <p>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.</p> <p>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.</p> |             |                                                     |                    |          | <p>DIAGONAL "(/)"-Indicates a materiel defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable.</p> <p>LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL-Indicates that a completely satisfactory condition exists.</p> <p>FOR AIRCRAFT-Status symbols will be recorded in red.</p> |               |                      |                             |                           |
| 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.<br>a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | STATUS<br>b | DEFICIENCIES AND SHORTCOMINGS<br>c                  |                    |          | CORRECTIVE ACTION<br>d                                                                                                                                                                                                                                                                                                                                   |               |                      | INITIAL WHEN CORRECTED<br>e |                           |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | /           | ① elevation of windage<br>Dust covers               |                    |          |                                                                                                                                                                                                                                                                                                                                                          |               |                      |                             |                           |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | /           | ① Front and Rear<br>DAY sight optics<br>Dust covers |                    |          |                                                                                                                                                                                                                                                                                                                                                          |               |                      |                             |                           |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | /           | ① center IRON sight<br>set screw                    |                    |          |                                                                                                                                                                                                                                                                                                                                                          |               |                      |                             |                           |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | /           | muzzle crown<br>damaged                             |                    |          |                                                                                                                                                                                                                                                                                                                                                          |               |                      |                             |                           |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | X           | windage knobs<br>won't make corrections             |                    |          |                                                                                                                                                                                                                                                                                                                                                          |               |                      |                             |                           |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | /           | IRON sights damaged                                 |                    |          |                                                                                                                                                                                                                                                                                                                                                          |               |                      |                             |                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |                                                     |                    |          |                                                                                                                                                                                                                                                                                                                                                          |               |                      |                             |                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |                                                     |                    |          |                                                                                                                                                                                                                                                                                                                                                          |               |                      |                             |                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |                                                     |                    |          |                                                                                                                                                                                                                                                                                                                                                          |               |                      |                             |                           |

DA FORM 2404  
1 APR 79

Replaces edition of 1 Jan 64, which will be used

| TM<br>ITEM<br>NO.<br>a | STATUS<br>b | DEFICIENCIES AND SHORTCOMINGS<br>c | CORRECTIVE ACTION<br>d | INITIAL<br>WHEN<br>CORRECTED<br>e |
|------------------------|-------------|------------------------------------|------------------------|-----------------------------------|
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**BARBER - M24 0167052**

ORDER  
97-11613

W/10X SCOPE # 87 1124

NATO

~~W/STUDS~~

SHIP TO:

31905

CUST NO:090509 C.D.D

UP'S

**QUESTIONS**

TOTAL

INSPECT

100

F1

52

F3

F4

F5

C2

## MAIN FAULT

## COMMENTS

Barre /  
Boit

96003  
96005

Repeater Coat Trigger Guard  
Assy, Front & Rear Sight Bases  
Rezine Scope Base, Rings, &  
Swivel Studs

| PATTERN |
|---------|
|---------|

DATE \_\_\_\_\_

OFFICE COPY

RD6925 REV. 6/96

**BARBER - M24 0167892167091**



| MAINTENANCE REQUEST<br>For use of this form, see DA PAM 738-750 and 738-751;<br>the proponent organization is DCSLOG                                                                                                                                                                                                                                                                                                                                                                         |                        |                                |          | PAGE NO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | NO OF PAGES | REQUIREMENT CONTROL SYMBOL<br>CSGLD-1047(R1) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------|
| SECTION I - CUSTOMER DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                                |          | SECTION II - MAINTENANCE ACTIVITY DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                                              |
| 1a. UIC CUSTOMER                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1b. CUSTOMER UNIT NAME | 1c. PHONE NO                   |          | 3a. WORK ORDER NUMBER (WON)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3b. SHOP    | 3c. PHONE NO                                 |
| 2a. SAMS-2 UIC/SAMS-I/TDA                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        | 2b. UTILIZATION CODE           | 2c. MCSR | 4a. UIC SUPPORT UNIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             | 4b. SUPPORT UNIT NAME                        |
| SECTION III - EQUIPMENT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                                |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                                              |
| 5. TYPE MNT REQ CODE                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 6. ID                  | 7. NSN                         |          | 15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code)<br>See DA Pamphlets 738-750 and 738-751                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                                              |
| 8. MODEL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                        | 9. NOUN                        |          | 15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code)<br>See DA Pamphlets 738-750 and 738-751                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 16. MILES/KILOMETERS/HOURS/ROUNDS            |
| 10a. ORG WON/DOC NO                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        | 10b. EIC                       |          | M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             | K                                            |
| 11. SERIAL NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        | 12. QTY                        |          | 13. PD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             | H                                            |
| 14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        | 17. PROJECT CODE (if assigned) |          | 18. ACCOUNT PROCESSING CODE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             | 19. IN WARRANTY? (enter Y or N)              |
| 21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)                                                                                                                                                                                                                                                                                                                                                                                                                               |                        | 22. LEVEL OF WORK              |          | 23. SIGNATURE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |                                              |
| 24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)                                                                                                                                                                                                                                                                                                                                                 |                        |                                |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                                              |
| 25. REMARKS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |                                |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                                              |
| PREPARATION INSTRUCTIONS FOR THIS PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                        |                                |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                                              |
| <b>SECTION I</b><br><br>Block 1a. Enter UIC of submitting organization.<br>Block 1b. Enter name of submitting organization.<br>Block 1c. Enter number to be called when maint. is completed.<br>Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit.<br>Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751.<br>Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank. |                        |                                |          | <b>SECTION III (Cont'd)</b><br><br>Block 12. Enter the quantity of items being submitted.<br>Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1.<br>Block 14. For DSU, GSU/AVIM, DEPOT use.<br>Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751.<br>Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751.<br>Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting.<br>Block 17. Enter the project code if one has been assigned. If not, leave blank.<br>Block 18. See DA Pamphlets 738-750 and 738-751.<br>Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty.<br>Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted.<br>Block 21. For DSU/GSU/AVIM/Depot use.<br>Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act.<br>Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank.<br>Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint.<br>Block 25. Self-explanatory. |             |                                              |
| <b>SECTION II</b><br><br>Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.                                                                                                                                                                                                                                                                                                                                                                                         |                        |                                |          | <b>SECTION III</b><br><br>Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751.<br>Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751.<br>Block 7. Enter the NSN or stock number of the item being submitted.<br>Block 8. Enter model of item being submitted.<br>Block 9. Enter noun/nomenclature of item being submitted.<br>Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank.<br>Block 10b. Enter End Item Code. See AMDF.<br>Block 11. Enter serial number of item being submitted.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |                                              |
| 34a. SUBMITTED BY                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 35a. ACCEPTED BY       | 35c. DATE                      |          | Block 34a. Enter first initial and last name of submitter.<br>Block 34b. Enter ordinal date submitted (YYDDD).<br>Block 35a. Enter first initial and last name of person accepting maint. request.<br>Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751.<br>Block 35c. Enter ordinal date accepted (YYDDD).<br>Block 35d. Enter military time.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                                              |
| 34b. DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 35b. STATUS            | 35d. TIME                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                                              |



## 21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&amp;E NO.

SERIAL NO.

| 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                    | 6-20-97 | A     |
| 605               | CHECK HEADSPACE          | 6-20-97 | A     |
| 610               | DIS-ASSEMBLE             |         |       |
| 612               | MAGNAFLUX                |         |       |
| 615               | ROLLMARK CALIBER         |         |       |
| 618               | ROTO-BLAST               |         |       |
| 620               | APPLY COATINGS           |         |       |
| 625 A             | FINAL ASSEMBLY           | 8-11-97 | Rw    |
| B                 | TRIGGER PULL TEST        |         |       |
| C                 | SAFETY ON FORCE          |         |       |
| D                 | SAFETY OFF FORCE         |         |       |
| E                 | FIRING PIN INDENT        |         |       |
| 640               | TARGET                   | 8-22-97 | Qcw   |
| 655               | FINAL INSPECT            |         |       |
| 660               | PACK                     |         |       |

QAR INSPECTION

SHIP DATE

**BARBER - M24 0167057**

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225155  
27 Aug 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0152  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0538  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .055906

THE AMR FOR THIS RIFLE IS: 1.094

**CENTROIDAL DISTANCES**

|      |   |          |
|------|---|----------|
| Ø TO | 1 | .049679  |
| 1 TO | 2 | .0637887 |
| 1 TO | 3 | .246238  |
| 1 TO | 4 | .307234  |
| 1 TO | 5 | .289154  |

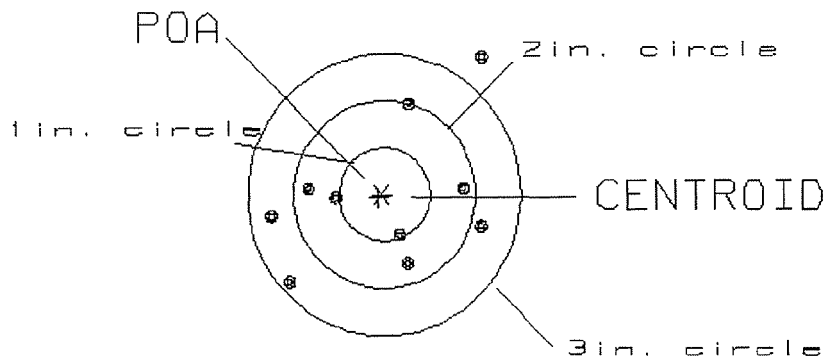
4  
5  
+2  
3  
<----POA

PATTERN #: 1  
 POA TO CENTROID: .050  
 MIN RADIUS : .424  
 MEAN RADIUS : 1.011  
 MAX RADIUS : 1.818  
 CENTROID X : .038  
 CENTROID Y : .032

27 Aug 1997

FILE:/Hqbasic/Accuracy/Patterning/Centerfire\_Patt/C6225155

# CENTERFIRE PATTERN # 1



# OF SHOTS= 10

# IN CIRCLE

HS= 2.31  
 VS= 2.39  
 GS= 3.23

1  
 5  
 9

**BARBER - M24 0167059**

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2

POA TO CENTROID: .061

MIN RADIUS : .853

MEAN RADIUS : 1.452

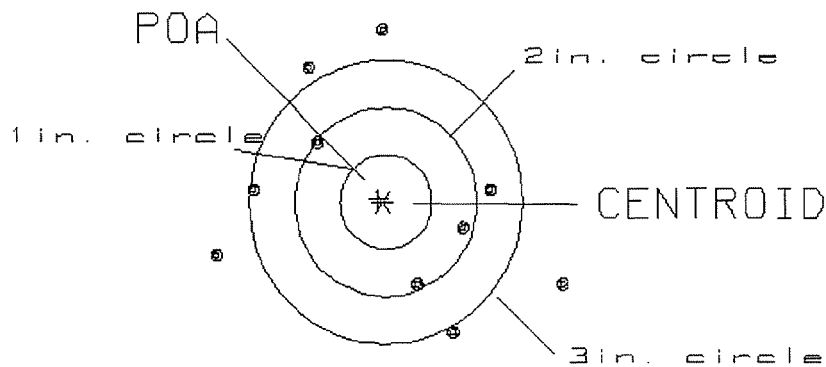
MAX RADIUS : 2.123

CENTROID X : .053

CENTROID Y : -.030

27 Aug 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6225155

**CENTERFIRE PATTERN # 2**

# OF SHOTS= 10

# IN CIRCLE

HS= 3.81

0

VS= 3.15

2

GS= 3.82

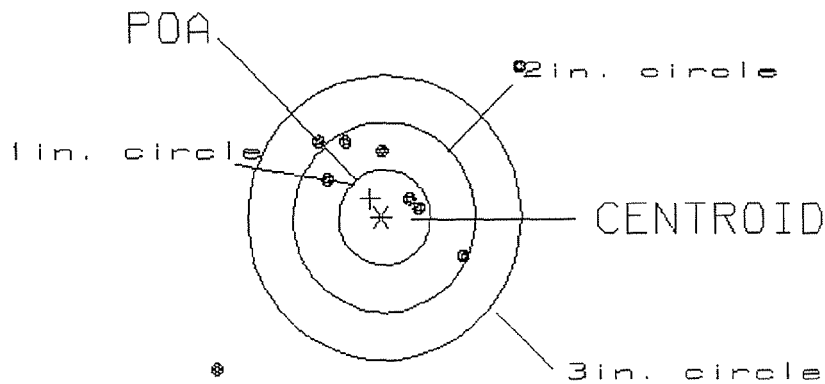
5

PATTERN #: 3  
 POA TO CENTROID: .236  
 MIN RADIUS : .317  
 MEAN RADIUS : 1.241  
 MAX RADIUS : 2.650  
 CENTROID X : .131  
 CENTROID Y : -.196

27 Aug 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6225155

# CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 3.31  
 VS= 4.18  
 GS= 4.62

2  
 6  
 7

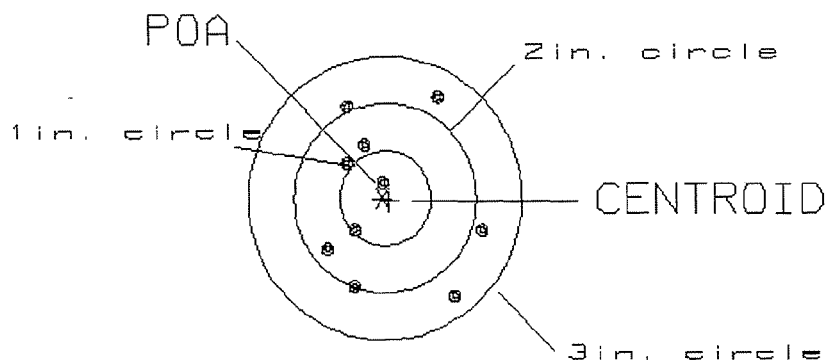
PATTERN #: 4

POA TO CENTROID: .076  
 MIN RADIUS : .212  
 MEAN RADIUS : .825  
 MAX RADIUS : 1.243  
 CENTROID X : -.069  
 CENTROID Y : .032

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FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/C6225155

# CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 1.61

2

VS= 2.09

6

GS= 2.25

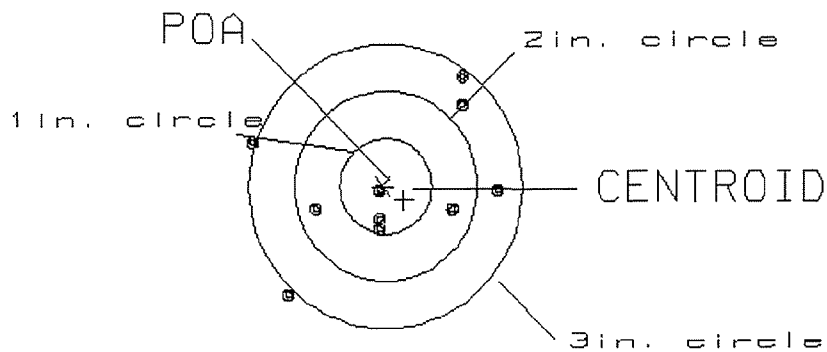
10

PATTERN #: 5  
 POA TO CENTROID: .270  
 MIN RADIUS : .115  
 MEAN RADIUS : .942  
 MAX RADIUS : 1.582  
 CENTROID X : -.229  
 CENTROID Y : .143

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# CENTERFIRE PATTERN # 5



# OF SHOTS= 10

# IN CIRCLE

HS= 2.76

3

VS= 2.25

5

GS= 2.92

8

## Final Inspection

Sni: C6225155

DATE REC'D: 6-18-97

DATE RET'D:

Auditor: *AN*

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: \_\_\_\_\_