

G 639 1076

Replace

C.622.5426

# 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: RE00130079

Serial: G6391076 Model M24 SWS Center Fire  
Caliber: 7.62 NATO

Repairman:

Status: New 6/6/2007 7:23:24 AM

Verify Repair

### Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEPARTMENT OF THE ARMY SUPPLY OFFICER

DEPARTMENT OF THE ARMY SUPPLY OFFICER

Address 1: DOL SISA BLDG 9660 BAY A

DOL SISA BLDG 9660 BAY A

Address 2: BOX 339500 MS 181

PO Box:

BOX 339500 MS 181

PO Box:

City: FORT LEWIS

FORT LEWIS

State: WA

Zip Code: 98433

Country: US

State: WA

Zip Code: 98433

Country: US

FFL:

### Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

#### Contact Information

Phone: NN

Fax:

Email:

Comments:

#### Received Condition

Fair

Condition  
Notes:

CSR  
Notes:

#### Accessories Received

| Code | Desc       | Qty |
|------|------------|-----|
| A007 | With Stud  | 3   |
| A017 | Scope Base | 1   |
| D000 | FRONT BASE | 1   |

Repair Search

Refresh

Close

nagletj

6/6/2007

8:10 AM

CAPS

NUM

INS

SCRL

start

4 Mi...

4 In...

Arms ...

Part ...

2 Mi...

2 S...

8:10 AM

Serial Number: G6391076

Model: M24 SWS



RE00130079

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6391076.\_\_\_0  
FILE DATE AND TIME: 07/20/2007 23:05

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.148 |
| The Average Y Centroid of the Five Target Set:              | -0.135 |
| The Average Point of Impact of the Five Target Set:         | 0.200  |
| The Average Mean Radius of the Five Target Set:             | 0.731  |
| The Distance from POA to Centroid Target #1:                | 0.147  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.208  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.182  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.036  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.857  |

SERIAL NUMBER: G6391076.\_\_\_0

TARGET NUMBER: 1

FILE DATE: 07/20/2007

FILE TIME: 23:05

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.395 | 0.579  |
| 2:     | -0.371 | 0.203  |
| 3:     | -0.275 | -0.208 |
| 4:     | 0.013  | -0.341 |
| 5:     | 0.121  | 0.030  |
| 6:     | 0.596  | 0.060  |
| 7:     | 0.545  | -0.866 |
| 8:     | -0.445 | -1.177 |
| 9:     | -1.443 | 0.268  |
| 10:    | 0.229  | 1.106  |

X CENTROID: -0.142

Y CENTROID: -0.035

POA TO CENTROID: 0.147

HORZ SPREAD: 2.039

VERT SPREAD: 2.283

GROUP SPREAD: 2.289

MIN RADIUS: 0.218

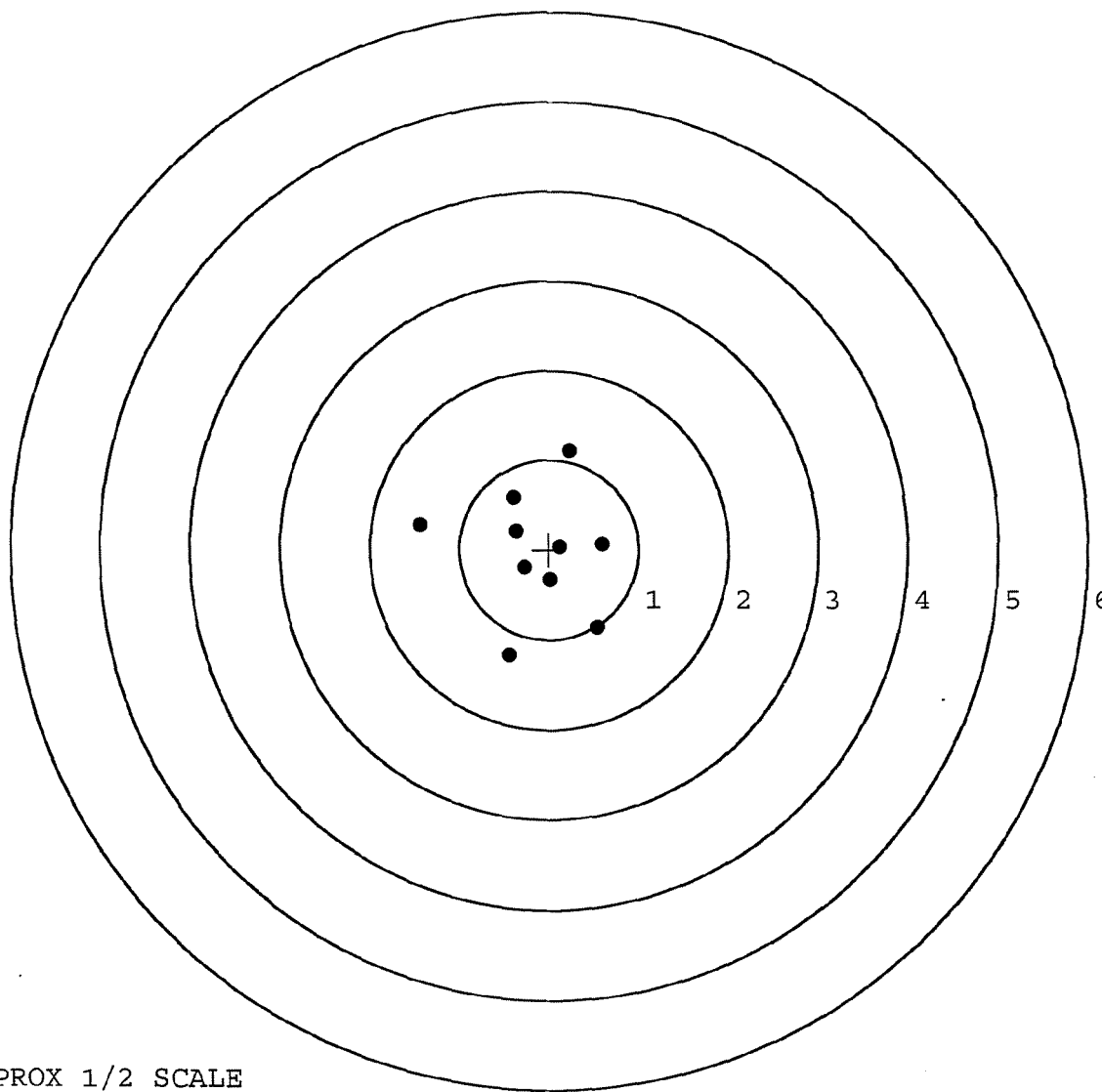
MAX RADIUS: 1.335

MEAN RADIUS: 0.737

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6391076. \_\_0

TARGET NUMBER: 2

FILE DATE: 07/20/2007

FILE TIME: 23:05

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.939 | -0.170 |
| 2:     | -0.830 | 0.019  |
| 3:     | -0.449 | 0.078  |
| 4:     | -0.192 | -0.088 |
| 5:     | -0.192 | -0.467 |
| 6:     | 0.339  | -0.103 |
| 7:     | 0.480  | -0.964 |
| 8:     | 0.216  | 1.238  |
| 9:     | -0.018 | 1.973  |
| 10:    | -0.890 | -0.072 |

X CENTROID: -0.247

Y CENTROID: 0.144

POA TO CENTROID: 0.287

HORZ SPREAD: 1.419

VERT SPREAD: 2.937

GROUP SPREAD: 2.979

MIN RADIUS: 0.212

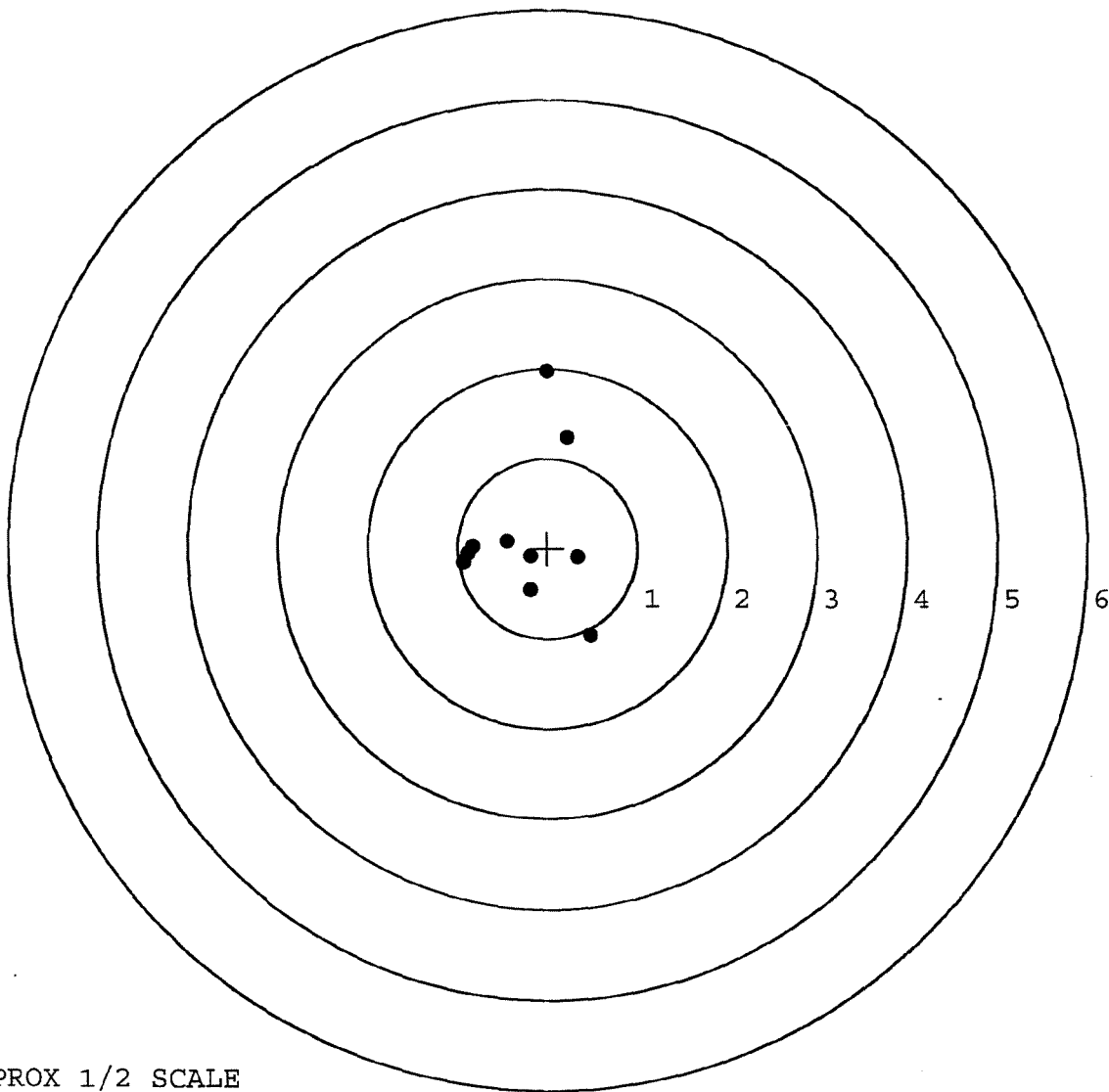
MAX RADIUS: 1.843

MEAN RADIUS: 0.809

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6391076. \_\_0

TARGET NUMBER: 3

FILE DATE: 07/20/2007

FILE TIME: 23:05

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.803 | 0.381  |
| 2:     | -1.017 | 0.079  |
| 3:     | -0.769 | 0.044  |
| 4:     | -0.567 | -0.452 |
| 5:     | -0.210 | -0.209 |
| 6:     | -0.046 | 0.231  |
| 7:     | 0.481  | 0.416  |
| 8:     | 0.427  | 0.064  |
| 9:     | 0.426  | -0.600 |
| 10:    | 0.345  | 1.497  |

X CENTROID: -0.173

Y CENTROID: 0.145

POA TO CENTROID: 0.226

HORZ SPREAD: 1.498

VERT SPREAD: 2.097

GROUP SPREAD: 2.152

MIN RADIUS: 0.154

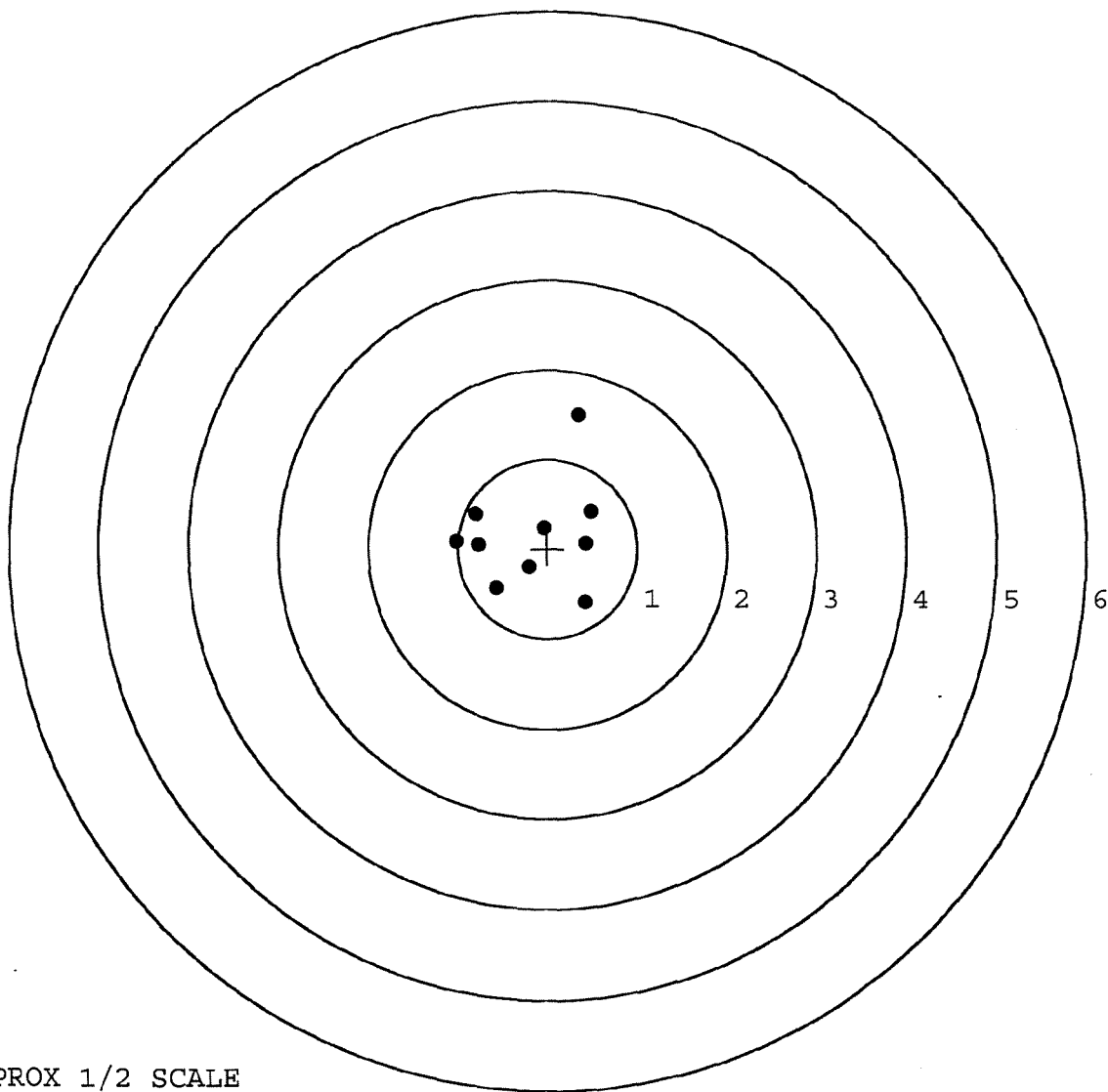
MAX RADIUS: 1.448

MEAN RADIUS: 0.707

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6391076. \_\_0

TARGET NUMBER: 4

FILE DATE: 07/20/2007

FILE TIME: 23:05

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.148 | 0.066  |
| 2:     | -0.880 | -0.069 |
| 3:     | -0.744 | -0.292 |
| 4:     | -0.255 | 0.170  |
| 5:     | -0.112 | 0.916  |
| 6:     | 0.573  | 0.430  |
| 7:     | 0.570  | -0.042 |
| 8:     | 0.540  | -0.498 |
| 9:     | 0.780  | -0.339 |
| 10:    | -0.394 | -0.759 |

X CENTROID: -0.107

Y CENTROID: -0.042

POA TO CENTROID: 0.115

HORZ SPREAD: 1.928

VERT SPREAD: 1.675

GROUP SPREAD: 1.970

MIN RADIUS: 0.258

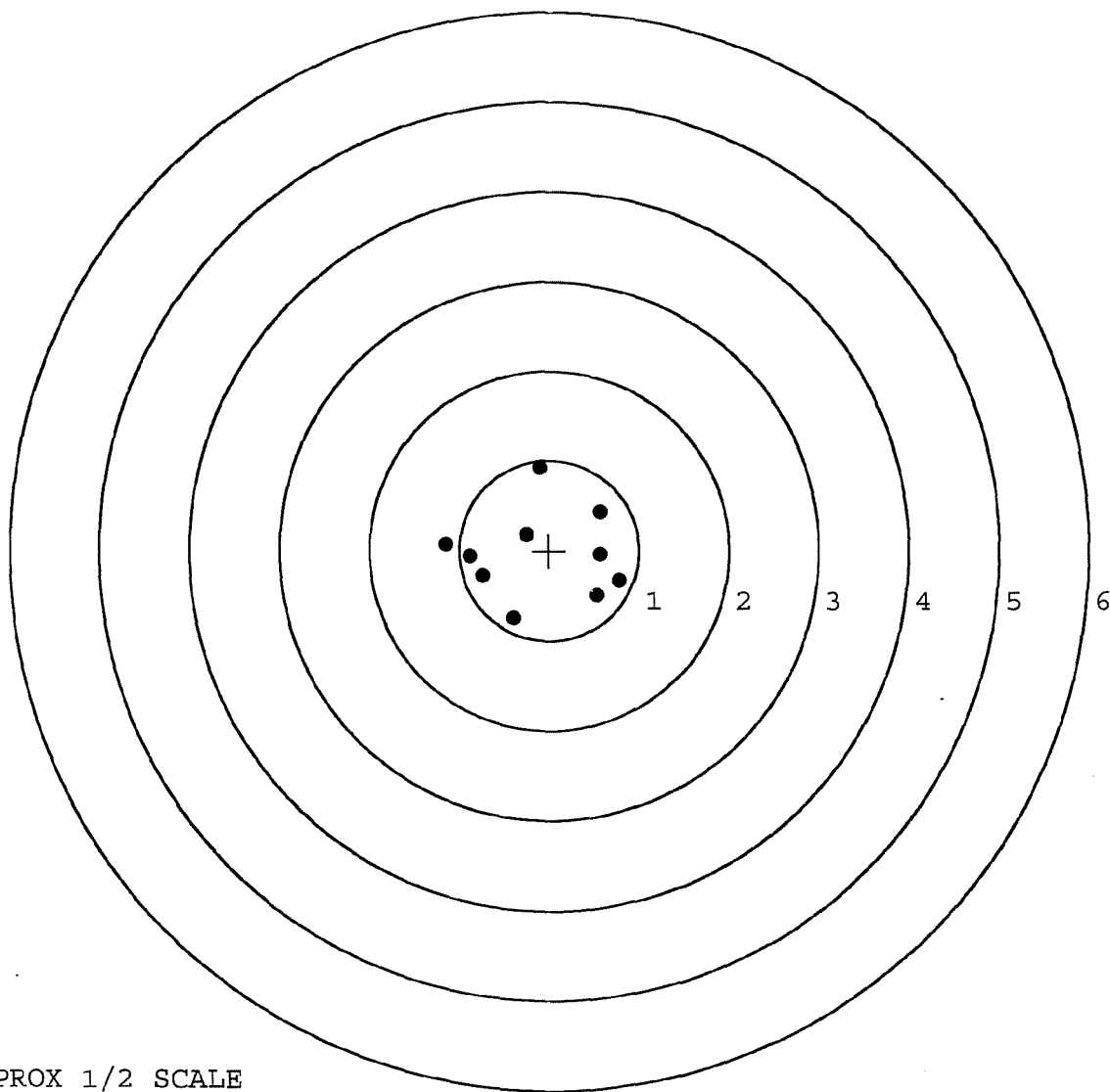
MAX RADIUS: 1.047

MEAN RADIUS: 0.772

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

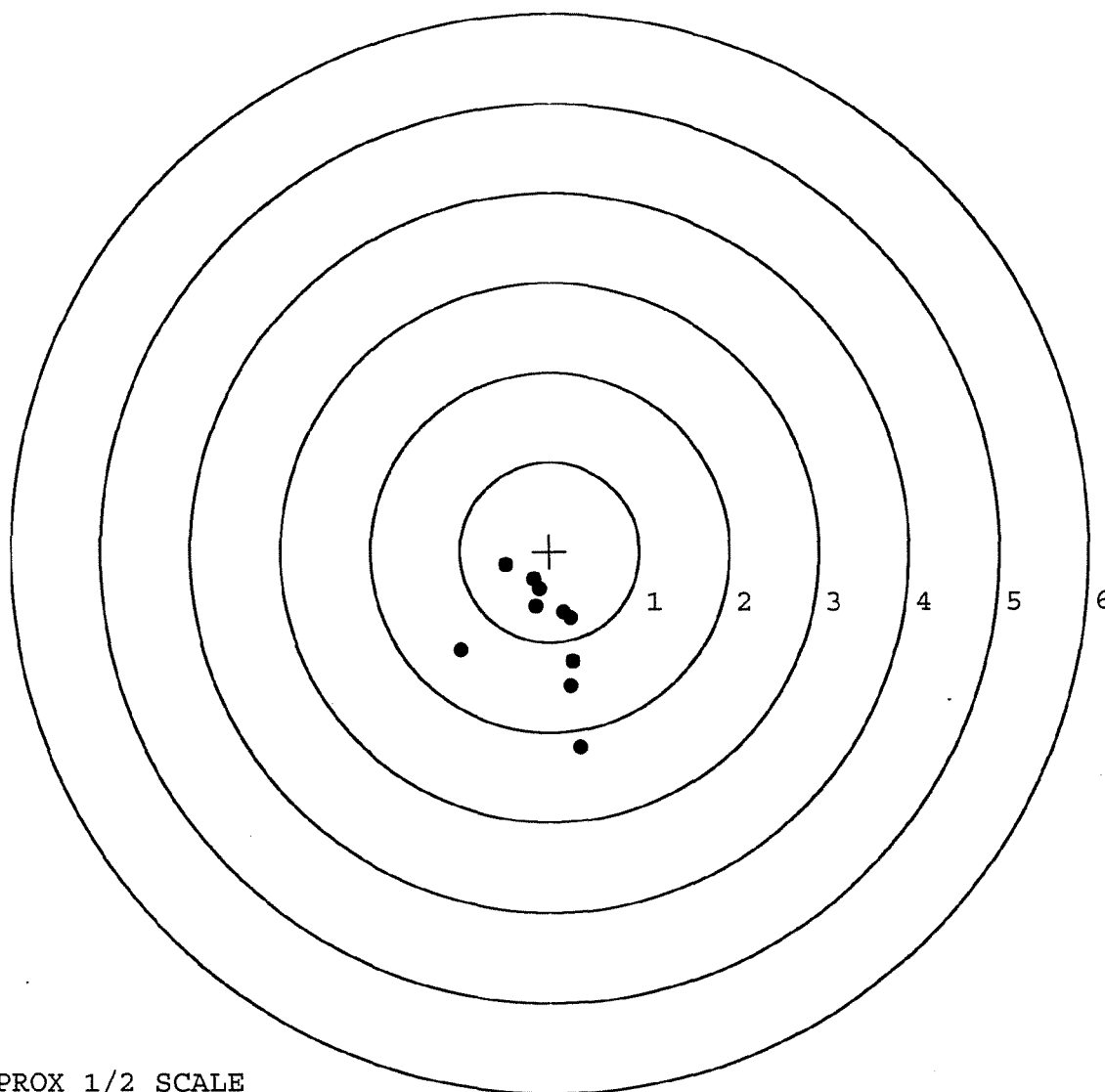


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6391076. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 07/20/2007  
FILE TIME: 23:05

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.492 | -0.150 |
| 2:     | -0.179 | -0.311 |
| 3:     | -0.156 | -0.607 |
| 4:     | 0.232  | -0.739 |
| 5:     | 0.265  | -1.218 |
| 6:     | 0.238  | -1.490 |
| 7:     | 0.341  | -2.174 |
| 8:     | -0.990 | -1.098 |
| 9:     | -0.116 | -0.418 |
| 10:    | 0.157  | -0.678 |

X CENTROID: -0.070  
Y CENTROID: -0.888  
POA TO CENTROID: 0.891  
HORZ SPREAD: 1.331  
VERT SPREAD: 2.174  
GROUP SPREAD: 2.189  
MIN RADIUS: 0.294  
MAX RADIUS: 1.350  
MEAN RADIUS: 0.629  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE



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

R & E NUMBER 00130079

SERIAL NUMBER 66391076

LOG-IN DATE 6-6-07

| OPERATION # | OPERATION NAME       | DATE                     | INITIAL |
|-------------|----------------------|--------------------------|---------|
| 500         | DIS-ASSEMBLE GUN     | 7-11-07                  | RTZ     |
| 505         | RE-BARREL            | 7-13-07                  | RTZ     |
| 560         | ASSEMBLE             | 7-16-07                  | TRW     |
| 600         | PROOF                | 7-16-07                  | TRW     |
| 605         | CHECK HEADSPACE      | 7-16-07                  | TRW     |
| 610         | DIS-ASSEMBLE GUN     | 7-16-07                  | RTZ     |
| 612         | MAGNAFLUX            | 7-17-07                  | uncl    |
| 510         | DRILL AND TAP        | 7-16-07                  | TRW     |
| 615         | ROLLMARK CALIBER     | 7-16-07                  | CW      |
| 618         | ROTO-BLAST           | 7-17-07                  | LB      |
| 620         | APPLY COATINGS       | 7-18-07                  | CW      |
| 625         | FINAL ASSEMBLY       | 7-20-07                  | RTZ     |
| 640         | FUNCTION TEST AND    | 7-20-07                  | uncl    |
| 650         | TARGET               | 7-20-07                  | uncl    |
|             | MALFUNCTION          | CORRECTION               |         |
|             | MALFUNCTION          | CORRECTION               |         |
|             | MALFUNCTION          | CORRECTION               |         |
|             | MALFUNCTION          | CORRECTION               |         |
| 670         | FINAL INSPECTION     | 7-23-07                  | RTZ     |
|             | A) HEADSPACE         | PASS FAIL                | 7-23-07 |
|             | B) TRIGGER PULL      | 2.87 2.89 2.91 2.89 2.91 | 7-23-07 |
| 680         | F) SAFETY ON FORCE   | 4.5 4.5 4.5              | 7-23-07 |
|             | G) SAFETY OFF FORCE  | 2.0 2.0 2.0              | 7-23-07 |
|             | I) FIRING PIN INDENT | 1.024 1.024 0.023        | 7-23-07 |
| 690         | PACK                 | 7-25-07                  | RTZ     |

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: **RE00085925** Serial: C6225426 Model M24 SWS Center Fire Caliber 7.62 NATO Repairman: Status: Closed 10/4/2004 10:53:34 AM

Verify Repair

**Address Information**

Customer: ☒ Received From Return To: ☐ Received From

Name: **TRANSPORTATION OFFICER** **TRANSPORTATION OFFICER**

Address 1: **SENSITIVE STORAGE** **SENSITIVE STORAGE**

Address 2: **BLDG 9660** **BLDG 9660** PO Box: **PO Box**

City: **FORT LEWIS** **FORT LEWIS**

State: **WA** Zip Code: **98433** Country: **US** State: **WA** Zip Code: **98433** Country: **US**

FFL ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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

Contact Information

Phone: **253 967 5516**

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

| Code | Desc        | Qty |
|------|-------------|-----|
| A007 | With Studs  | 3   |
| A017 | Scope Bases | 3   |

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

nailej 10/4/2004 11:25 AM CAPS NUM INS SCPL

start 3 4

66391076 (New)

Serial Number: **C6225426**

Model: **M24 SWS**



**RE00085925**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6391076.\_\_\_0  
FILE DATE AND TIME: 11/09/2004 07:49

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.028 |
| The Average Y Centroid of the Five Target Set:              | 0.099  |
| The Average Point of Impact of the Five Target Set:         | 0.103  |
| The Average Mean Radius of the Five Target Set:             | 0.919  |
| The Distance from POA to Centroid Target #1:                | 0.433  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.446  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.499  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.305  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.477  |

SERIAL NUMBER: G6391076. \_\_0

TARGET NUMBER: 1

FILE DATE: 11/09/2004

FILE TIME: 07:49

X CENTROID: 0.003

Y CENTROID: 0.433

POA TO CENTROID: 0.433

HORZ SPREAD: 1.668

VERT SPREAD: 4.273

GROUP SPREAD: 4.345

MIN RADIUS: 0.047

MAX RADIUS: 3.025

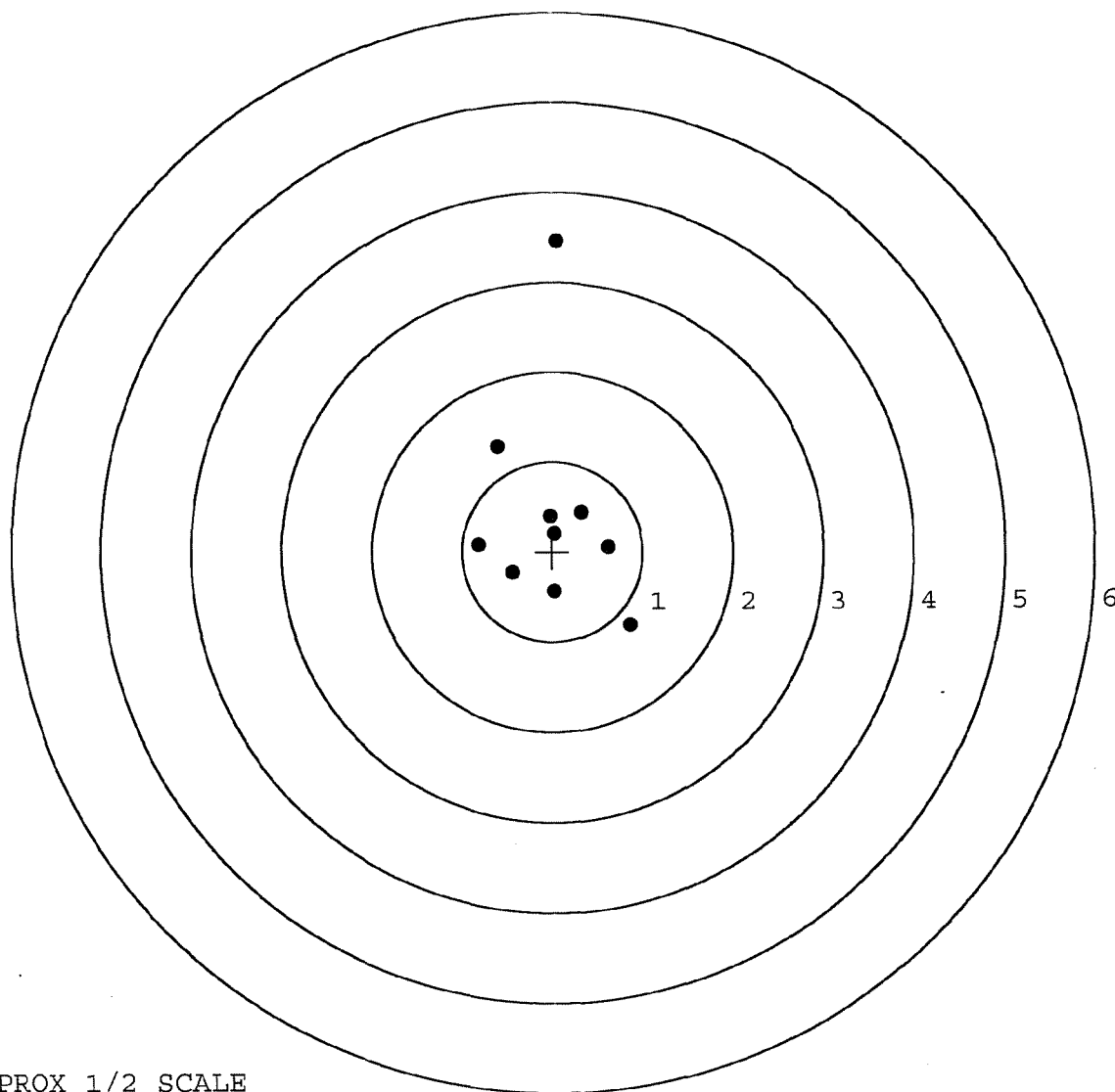
MEAN RADIUS: 0.938

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 8

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.854  | -0.816 |
| 2:     | 0.621  | 0.057  |
| 3:     | 0.024  | -0.444 |
| 4:     | -0.445 | -0.230 |
| 5:     | -0.814 | 0.084  |
| 6:     | 0.033  | 0.202  |
| 7:     | -0.028 | 0.398  |
| 8:     | 0.321  | 0.446  |
| 9:     | -0.601 | 1.173  |
| 10:    | 0.065  | 3.457  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6391076.\_\_\_0

TARGET NUMBER: 2

FILE DATE: 11/09/2004

FILE TIME: 07:49

X CENTROID: 0.068

Y CENTROID: -0.009

POA TO CENTROID: 0.068

HORZ SPREAD: 1.865

VERT SPREAD: 3.597

GROUP SPREAD: 3.672

MIN RADIUS: 0.231

MAX RADIUS: 1.976

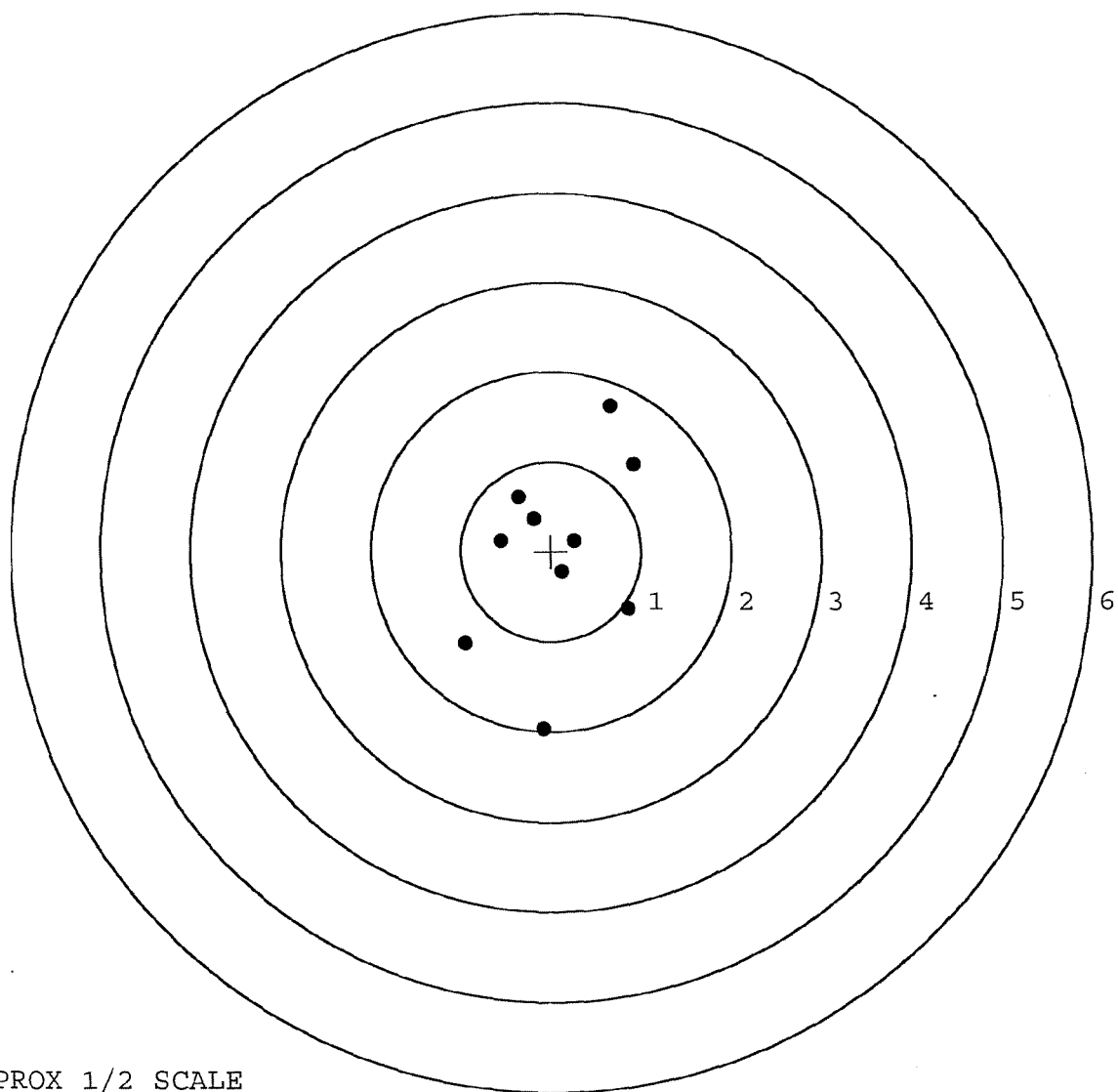
MEAN RADIUS: 0.976

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 5

# in 3 IN DIAMETER: 8

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.081 | -1.979 |
| 2:     | 0.856  | -0.638 |
| 3:     | -0.947 | -1.032 |
| 4:     | 0.918  | 0.979  |
| 5:     | 0.656  | 1.618  |
| 6:     | 0.266  | 0.117  |
| 7:     | 0.125  | -0.233 |
| 8:     | -0.554 | 0.115  |
| 9:     | -0.194 | 0.359  |
| 10:    | -0.366 | 0.606  |

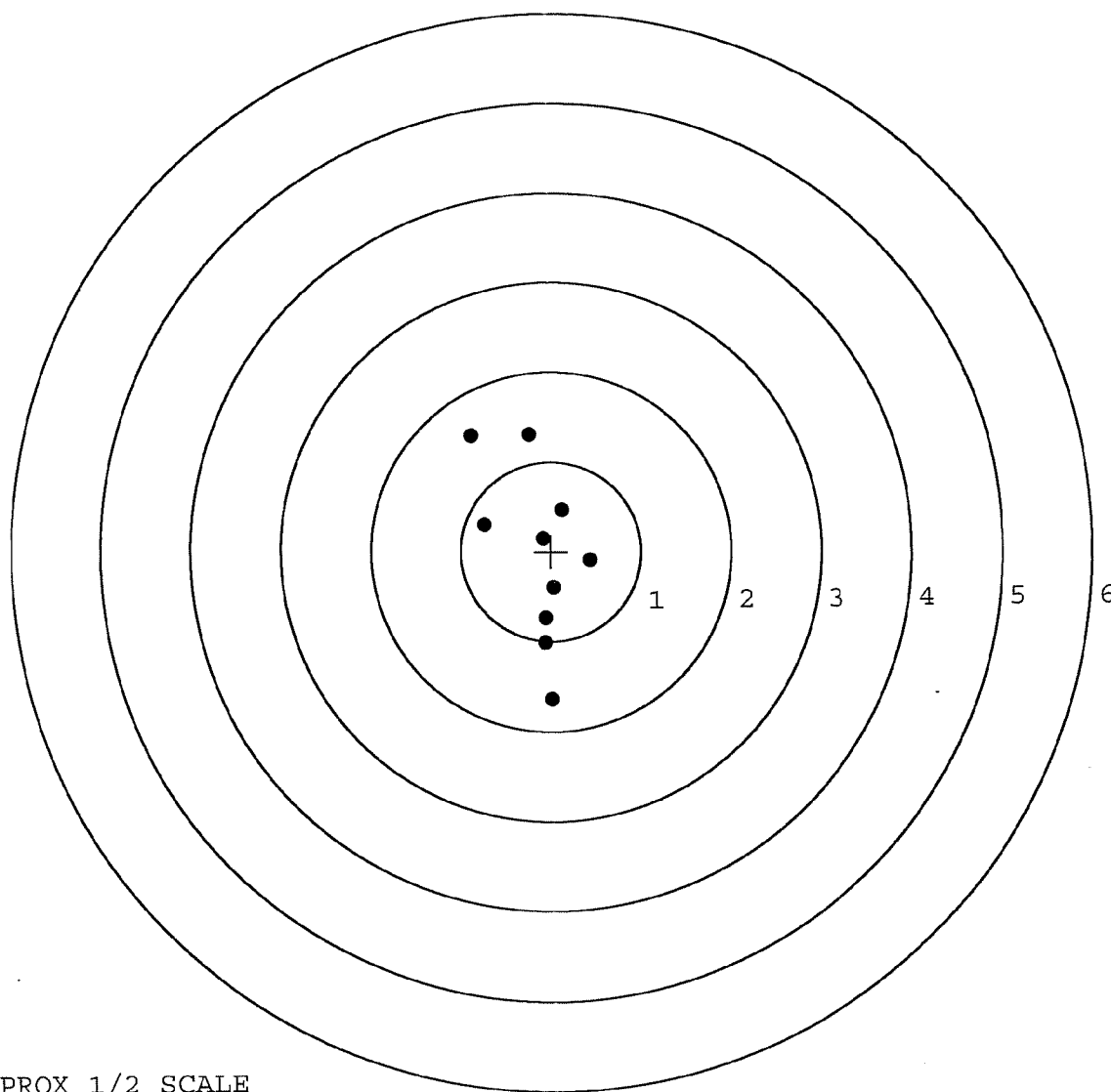


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6391076.\_\_\_0  
TARGET NUMBER: 3  
FILE DATE: 11/09/2004  
FILE TIME: 07:49

X CENTROID: -0.149  
Y CENTROID: -0.042  
POA TO CENTROID: 0.155  
HORZ SPREAD: 1.316  
VERT SPREAD: 2.955  
GROUP SPREAD: 3.075  
MIN RADIUS: 0.198  
MAX RADIUS: 1.613  
MEAN RADIUS: 0.865  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 8

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.878 | 1.299  |
| 2:     | -0.237 | 1.306  |
| 3:     | -0.737 | 0.301  |
| 4:     | -0.089 | 0.146  |
| 5:     | 0.129  | 0.466  |
| 6:     | 0.438  | -0.106 |
| 7:     | 0.028  | -0.411 |
| 8:     | -0.070 | -0.751 |
| 9:     | -0.075 | -1.024 |
| 10:    | -0.002 | -1.649 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6391076. \_\_0

TARGET NUMBER: 4

FILE DATE: 11/09/2004

FILE TIME: 07:49

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.946  | -0.114 |
| 2:     | 0.503  | -0.614 |
| 3:     | 0.219  | -0.459 |
| 4:     | 0.098  | -1.078 |
| 5:     | 0.484  | 0.821  |
| 6:     | -0.184 | 0.138  |
| 7:     | -0.502 | 0.681  |
| 8:     | -0.907 | -0.311 |
| 9:     | -1.097 | 0.245  |
| 10:    | -0.787 | 2.234  |

X CENTROID: -0.123

Y CENTROID: 0.154

POA TO CENTROID: 0.197

HORZ SPREAD: 2.043

VERT SPREAD: 3.312

GROUP SPREAD: 3.428

MIN RADIUS: 0.063

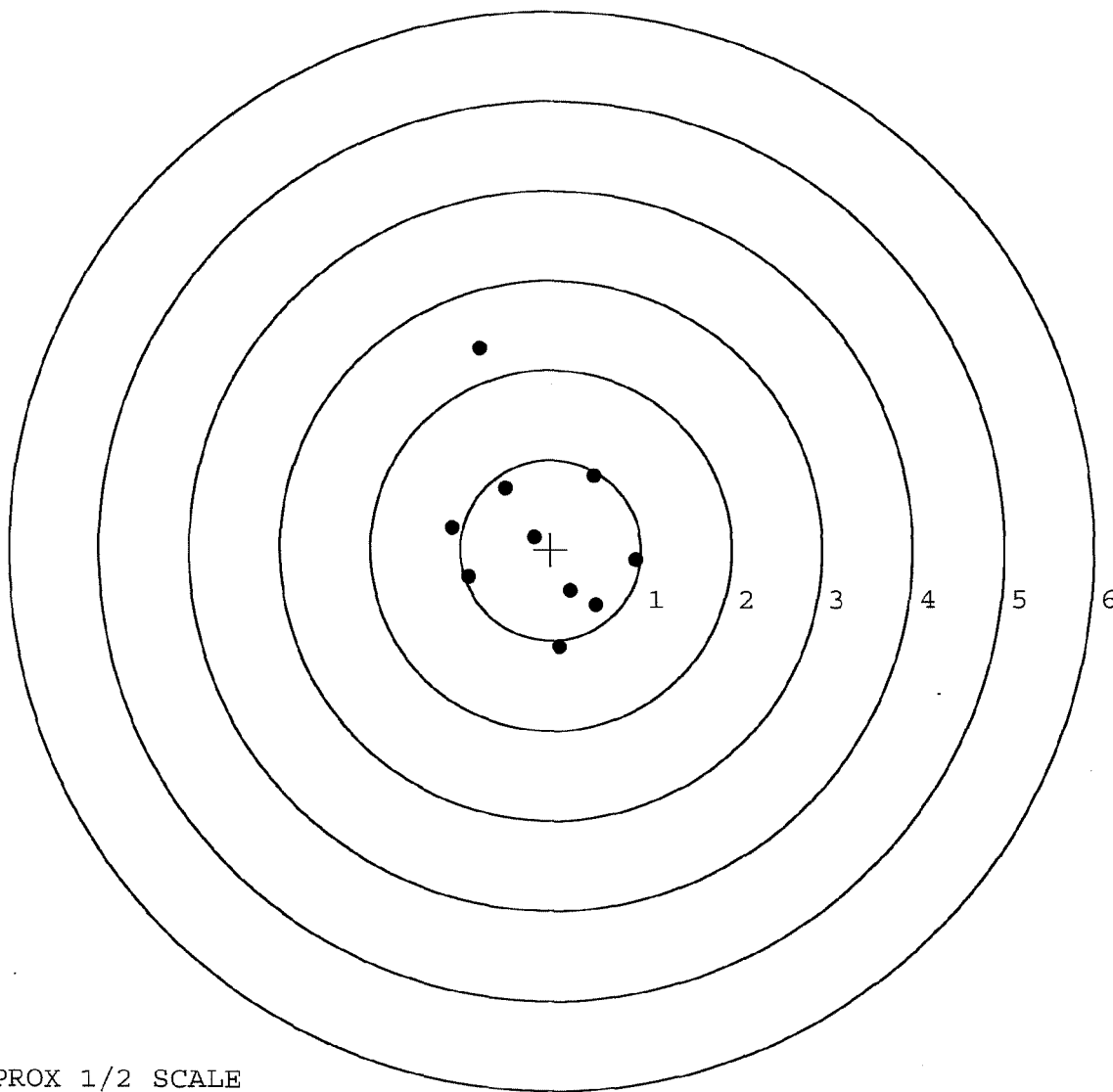
MAX RADIUS: 2.183

MEAN RADIUS: 0.973

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 9

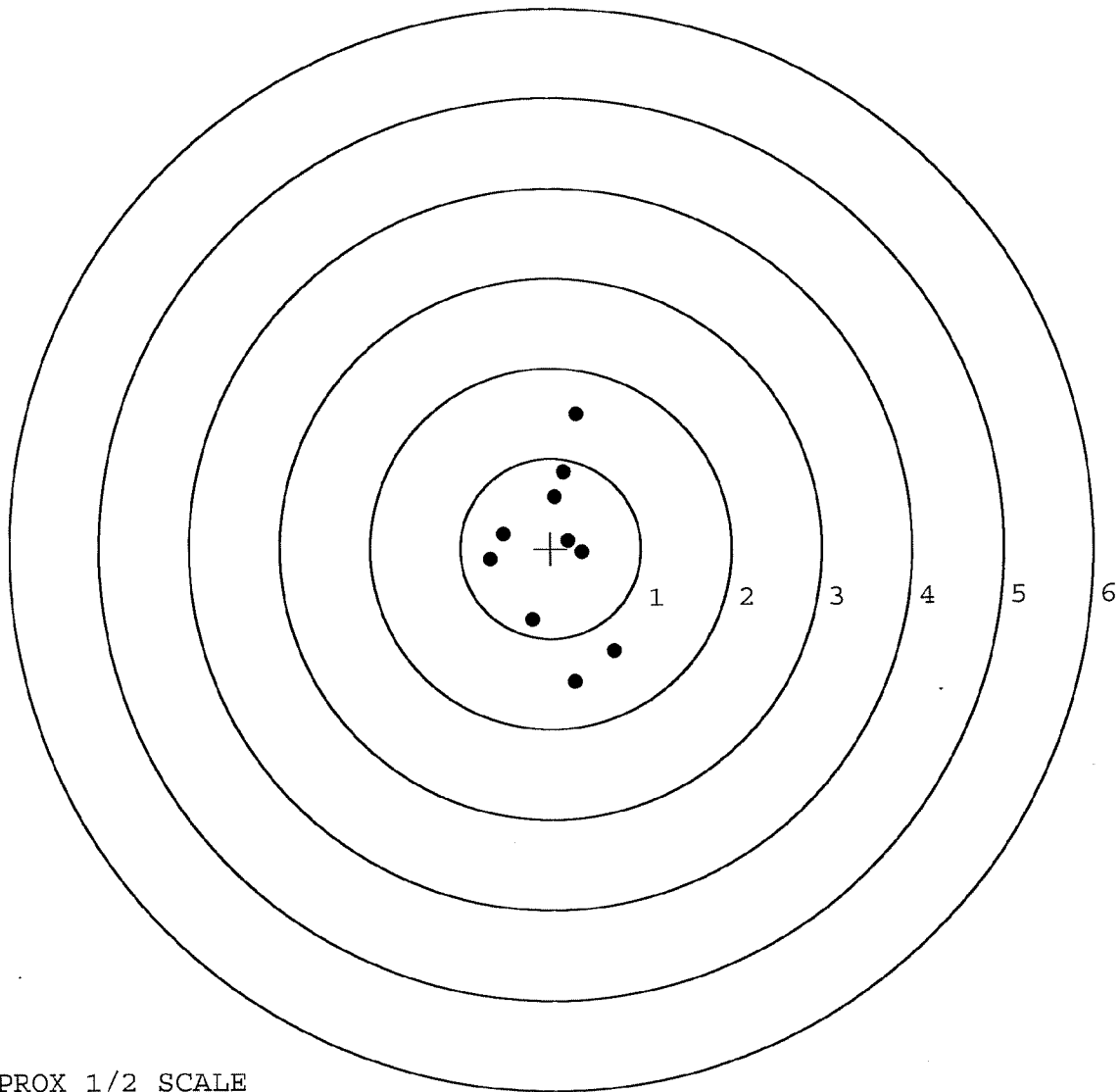


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6391076.\_\_\_0  
TARGET NUMBER: 5  
FILE DATE: 11/09/2004  
FILE TIME: 07:49

X CENTROID: 0.060  
Y CENTROID: -0.041  
POA TO CENTROID: 0.073  
HORZ SPREAD: 1.371  
VERT SPREAD: 2.971  
GROUP SPREAD: 2.971  
MIN RADIUS: 0.192  
MAX RADIUS: 1.546  
MEAN RADIUS: 0.843  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.700  | -1.140 |
| 2:     | 0.263  | -1.484 |
| 3:     | -0.208 | -0.799 |
| 4:     | -0.671 | -0.120 |
| 5:     | -0.525 | 0.164  |
| 6:     | 0.347  | -0.041 |
| 7:     | 0.200  | 0.090  |
| 8:     | 0.049  | 0.580  |
| 9:     | 0.152  | 0.850  |
| 10:    | 0.295  | 1.487  |



TARGET APPROX 1/2 SCALE



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

SERIAL # C 6391076

INSPECTED BY: RTZ

DATE REC'D: 10-4-04

DATE RET'D: 11-10-04

ITEM

BARREL ASSEMBLY

☒ BARREL  
☒ RECEIVER  
☒ FRONT SIGHT BASE  
☒ REAR SIGHT BASE  
☒ SCREWS  
☒ FINISH

SCOPE ASSEMBLY

☐ SCOPE  
☐ SCOPE RINGS  
☐ MOUNTING SCREWS  
☐ MOUNTING BASE  
☐ SCREWS  
☐ FINISH  
☐ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK  
☒ SLING AWIVEL STUDS  
☒ ADJUSTABLE  
☒ BUTT PLATE  
☒ LOCK NUTS  
☒ BARREL CLEARANCE  
☒ COLOR / FINISH

SYSTEMS CASE

☐ SCOPE CASE  
☐ IRON SIGHTS  
☐ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION  
☒ RE-SET TO FACTORY SPECS

COMMENTS:

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

| R & E NUMBER        |                    |           |         |
|---------------------|--------------------|-----------|---------|
| SERIAL NUMBER       |                    | 66225426  |         |
| LOG-IN DATE         |                    | 10-4-04   |         |
| INSPECT AND VERIFY: |                    |           |         |
| OPERATION #         | OPERATION NAME     | DATE      | INITIAL |
| 550                 | DIS-ASSEMBLE GUN   | 10-13-04  | RTL     |
| 560 A               | RE-BARREL          | 10-15-04  | RTL     |
| B                   | DRILL AND TAP      | 10-19-04  | TRW     |
| 575                 | ASSEMBLE           | 10-15-04  | RTL     |
| 600                 | PROOF              | 10-18-04  | RTL     |
| 605                 | CHECK HEADSPACE    | 10-18-04  | RTL     |
| 610                 | DIS-ASSEMBLE GUN   | 10-19-04  | RTL     |
| 612                 | MAGNAFLUX          | 10/20/04  | LB      |
| 615                 | ROLLMARK CALIBER   | 10-22-04  | LB      |
| 618                 | ROTO-BLAST         | 10/26/04  | HP      |
| 620                 | APPLY COATINGS     | 10-3-04   | RTL     |
| 625 A               | FINAL ASSEMBLY     |           |         |
| B                   | TRIGGER PULL TEST  |           |         |
| C                   | SAFETY "ON" FORCE  |           |         |
| D                   | SAFETY "OFF" FORCE |           |         |
| E                   | FIRING PIN INDENT  |           |         |
| 640                 | TARGET             | 11-9-04   | TRW     |
| 655                 | FINAL INSPECT      | 11-10-04  | RTL     |
| 660                 | PACK               | 11-10-04  | RA      |
|                     |                    | SHIP DATE |         |
| QAR INSPECTION DATE |                    |           |         |

SCOPE #

1053

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225426

| OP. #     | OP. NAME                                                 | READINGS | DATE     | INITIAL |
|-----------|----------------------------------------------------------|----------|----------|---------|
| 575 & 580 | Assemble Action and Stock                                | 9 12     | 8 8      | FB      |
| 600       | Proof                                                    | 9 19     | 8 8      | RW      |
| 607       | Check Headspace                                          | 9 19     | 8 8      | RW      |
| 610       | Dis-assemble Gun                                         | 9 19     | 8 8      | RW      |
| 612       | Magnaflux Barrel Action                                  |          | 9/22/88  | Rpl.    |
|           | Magnaflux Bolt                                           |          | 9/22/88  | Rpl.    |
| 615       | Rollmark Caliber                                         |          | 10/1/88  | WC      |
| 617       | Drill and Tap Sight Holes                                |          | 10/1/88  | FB      |
| 618       | Polish Barrel                                            |          | 10/7/88  | WT      |
| 620       | Apply Coatings (Barrel Action)                           |          | 10-31-88 | TJA     |
|           | Apply Coating (Bolt)                                     |          | 10-31-88 | TJA     |
| 625       | Final Assembly                                           |          |          |         |
|           | A) Clean inside of Bolt Assembly                         |          | 11/4/88  | RW      |
|           | B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head |          | 11/4/88  | RW      |
|           | C) Inspect Ejector Hole for Chamfer                      |          | 11/4/88  | RW      |
|           | D) Oil Firing Pin Ass'y                                  |          | 11/4/88  | RW      |
|           | E) Adjust Trigger Pull to Min Setting and Stake          |          | 11/4/88  | JU.     |

| op. #        | OP. NAME                                                    | READINGS |      |       |      |      | DATE      | INITIAL |
|--------------|-------------------------------------------------------------|----------|------|-------|------|------|-----------|---------|
| 625<br>cont. | F) Safety On Force                                          | 5        | 5    | 5     |      |      | 9/NOV/88  | JSS     |
|              | G) Safety Off Force                                         | 3        | 3    | 3     |      |      | 9/NOV/88  | JSS     |
|              | H) Trigger Pull Test & Retainability                        |          |      |       |      |      | 9/NOV/88  | JM      |
|              | I) Firing Pin Indent                                        | .021     | .021 | .021  |      |      | 9/NOV/88  | JSS     |
|              | J) Assemble Stock                                           |          |      |       |      |      | 11/9/88   | RW      |
|              | K) Assemble Swivel Studs                                    |          |      |       |      |      | 29/NOV/88 | JSS     |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |       |      |      | 11/9/88   | RW      |
|              | M) Iron Sight Alignment                                     |          |      |       |      |      | 11/9/88   | RW      |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |       |      |      | 11/9/88   | RW      |
|              | O) Attach Scope to Rifle                                    |          |      |       |      |      | 11/10/88  | RW      |
|              | P) Detach & Attach Scope 20 Times                           |          |      |       |      |      | 10/NOV/88 | JSS     |
| 640          | Gallery Target & Test                                       | 50 R     |      | 101 L |      |      | 11/10/88  | D/H     |
|              | A) Time                                                     |          |      |       |      |      | 11/10/88  |         |
|              | B) Malfunctions                                             |          |      |       |      |      |           |         |
|              | C) Pierced Primers                                          |          |      |       |      |      |           |         |
|              | D) Optical Clarity of Scope                                 |          |      |       |      |      | 11/10/88  | D.H     |
| 645          | Inspect for Live Ammo                                       |          |      |       |      |      | 11/10/88  | D.H     |
| 655          | Final Inspection                                            |          |      |       |      |      |           |         |
|              | A) Headspace                                                |          |      |       |      |      | 29/NOV/88 | JSS     |
|              | B) Trigger Pull                                             | 2.67     | 2.57 | 2.60  | 2.61 | 2.63 | 29/NOV/88 | JSS     |
|              | C) Function                                                 |          |      |       |      |      | 29/NOV/88 | JSS     |
| 660          | Pack                                                        |          |      |       |      |      | 14/Dec/88 | JSS     |

0.2  
SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#  
3.00# ± .75#  
4.00# ± 1.00#

SERIAL NO. C6225426

DATE 9 Nov 88

TESTER JUR

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-------|------------------------------------------------------------------------|
| PULL #1 | 2.26             | 2.26                     | 2.47                           | 2.67  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.36             | 2.29                     | 2.41                           | 2.59  |                                                                        |
| PULL #3 | 2.35             | 2.30                     | 2.34                           | 2.60  |                                                                        |
| PULL #4 | 2.35             | 2.21                     | 2.43                           | 2.61  |                                                                        |
| PULL #5 | 2.33             | 2.32                     | 2.41                           | 2.63  |                                                                        |
| TOTAL   | 11.65            | 11.38                    | 12.06                          | 13.08 |                                                                        |
| AVG.    | 2.33             | 2.276                    | 2.412                          | 2.616 |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.12             | 3.10                     |  |          |
| PULL #2 | 3.05             | 3.11                     |  |          |
| PULL #3 | 3.10             | 3.07                     |  |          |
| PULL #4 | 3.09             | 3.16                     |  |          |
| PULL #5 | 3.11             | 3.15                     |  |          |
| TOTAL   | 15.47            | 15.59                    |  |          |
| AVG.    | 3.094            | 3.118                    |  |          |

|         | 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 | 4.28             | 4.12                     |                                | 4.13                                 |
| PULL #2 | 4.21             | 4.26                     |                                | 4.14                                 |
| PULL #3 | 4.29             | 4.29                     |                                | 3.91                                 |
| PULL #4 | 4.26             | 4.28                     |                                | 4.09                                 |
| PULL #5 | 4.27             | 4.37                     |                                | 4.10                                 |
| TOTAL   | 21.31            | 21.32                    |                                | 20.37                                |
| AVG.    | 4.262            | 4.264                    |                                | 4.074                                |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6225426

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .742507 |
| 1 TO | 2 | .701231 |
| 1 TO | 3 | .572552 |
| 1 TO | 4 | .655001 |
| 1 TO | 5 | .157156 |

$\begin{matrix} 2 \\ 4 \end{matrix} \begin{matrix} 2 \\ 61 \end{matrix}$   
+ <----POA

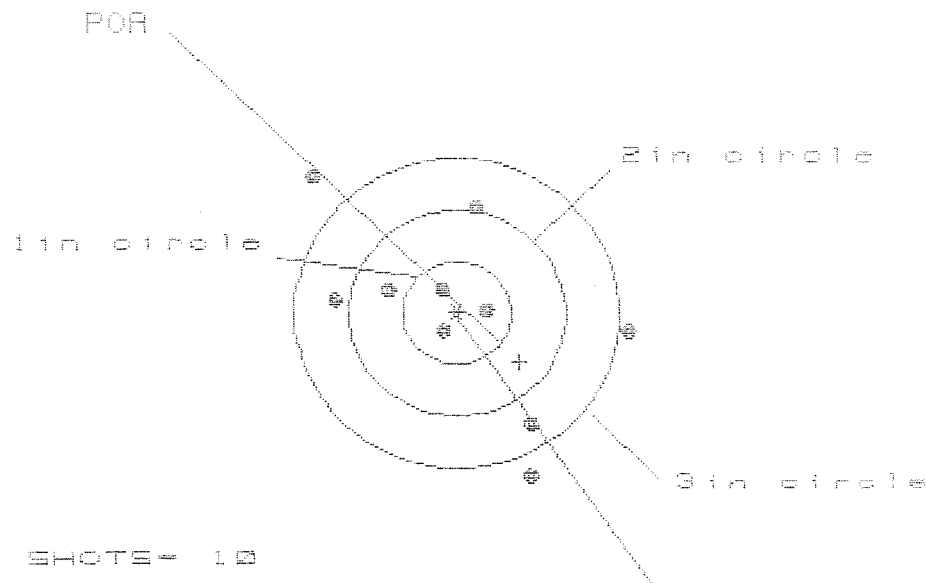
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.69526  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .7348  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.01159  
THE AMR FOR THIS RIFLE IS: .9462

10 May 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225426

# CENTERFIRE PATTERNS

# 1



# OF SHOTS = 10

# IN CIR

1in = 3

2in = 4

3in = 7

HS = 2.913

VS = 2.932

GS = 3.549

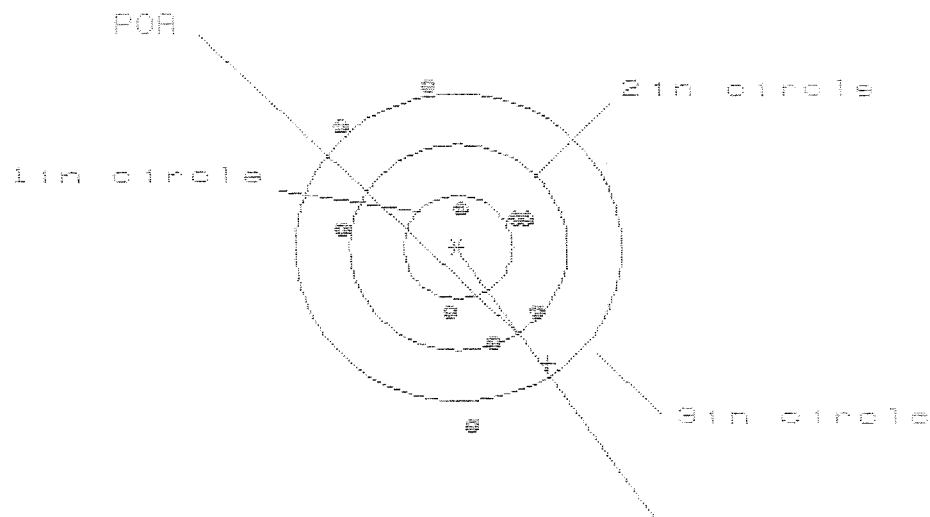
CENTROID #

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.549  | 1.398  | 1.458  |
| MINIMUM X                     | -1.364 | -1.234 | -1.174 |
| MAXIMUM Y                     | 1.319  | 1.168  | .984   |
| MINIMUM Y                     | -1.613 | -1.466 | -1.095 |
| CENTROID X                    | -.574  | -.423  | -.483  |
| CENTROID Y                    | .471   | .324   | .508   |
| POR TO CENTROID in.           | .743   | .533   | .781   |
| MIN RADIUS                    | .225   | .264   | .234   |
| MEAN RADIUS                   | 1.013  | .933   | .816   |
| MAX RADIUS                    | 1.897  | 1.544  | 1.478  |
| HORIZONTAL SPREAD             | 2.913  | 2.632  | 2.632  |
| VERTICAL SPREAD               | 2.932  | 2.634  | 2.879  |
| EXTREME SPREAD                | 3.549  | 2.677  | 2.657  |
| NUMBER IN ONE INCH CIRCLE =   | 3      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 4      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 7      |        |        |

18 Nov 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/06225426

# CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 6

3in = 7

HS= 1.843

VS= 3.348

GS= 3.376

CENTROID #

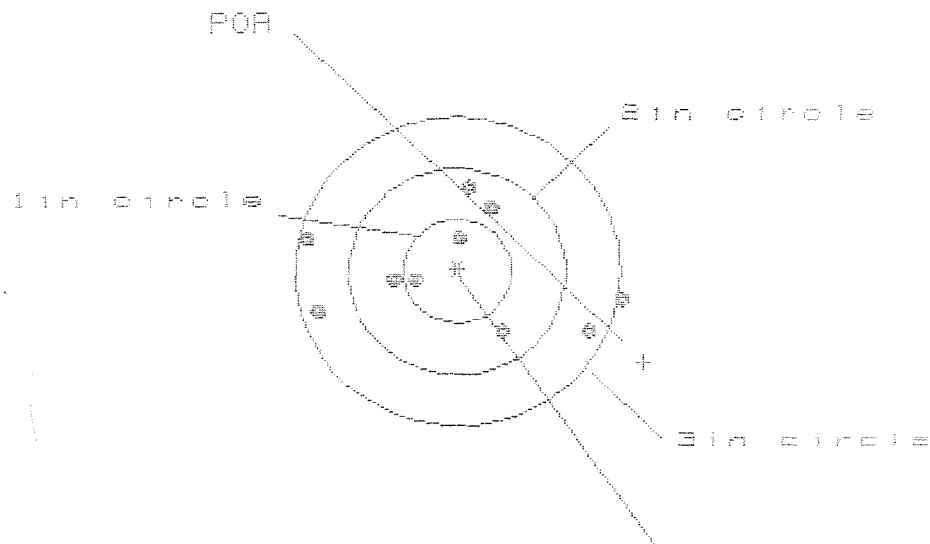
| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | .767   | .786   | .757   |
| MINIMUM X                     | -1.076 | -1.057 | -1.086 |
| MAXIMUM Y                     | 1.597  | 1.402  | 1.164  |
| MINIMUM Y                     | -1.751 | -1.101 | -.926  |
| CENTROID X                    | -.827  | -.846  | -.817  |
| CENTROID Y                    | 1.125  | 1.320  | 1.145  |
| POA TO CENTROID in.           | 1.396  | 1.568  | 1.406  |
| MIN RADIUS                    | .397   | .204   | .377   |
| MEAN RADIUS                   | 1.038  | .944   | .873   |
| MAX RADIUS                    | 1.760  | 1.447  | 1.592  |
| HORIZONTAL SPREAD             | 1.843  | 1.843  | 1.843  |
| VERTICAL SPREAD               | 3.348  | 2.503  | 2.090  |
| EXTREME SPREAD                | 3.376  | 2.577  | 2.557  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 6      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 7      |        |        |



10 May 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/08225426

# CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 6

3 in = 0

HS= 2.8880

VS= 1.3900

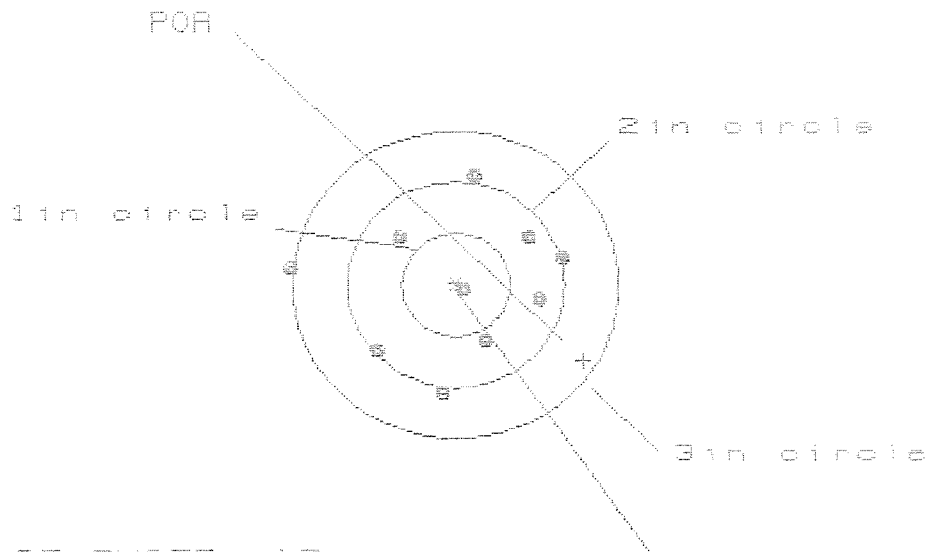
GS= 2.941

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.488  | 1.382  | 1.228  |
| MINIMUM X                     | -1.488 | -1.235 | -1.248 |
| MAXIMUM Y                     | .780   | .748   | .784   |
| MINIMUM Y                     | -.610  | -.642  | -.606  |
| CENTROID X                    | -1.713 | -1.878 | -1.724 |
| CENTROID Y                    | .878   | .910   | .874   |
| POA TO CENTROID in.           | 1.925  | 2.087  | 1.933  |
| MIN RADIUS                    | .338   | .263   | .343   |
| MEAN RADIUS                   | .924   | .838   | .787   |
| MAX RADIUS                    | 1.507  | 1.524  | 1.369  |
| HORIZONTAL SPREAD             | 2.888  | 2.617  | 2.476  |
| VERTICAL SPREAD               | 1.390  | 1.390  | 1.390  |
| EXTREME SPREAD                | 2.941  | 2.775  | 2.490  |
| NUMBER IN ONE INCH CIRCLE =   |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 9      |        |

18 Nov 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/06225426

# CENTERFIRE PATTERNS # 4



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.516

VS= 2.087

GS= 2.516

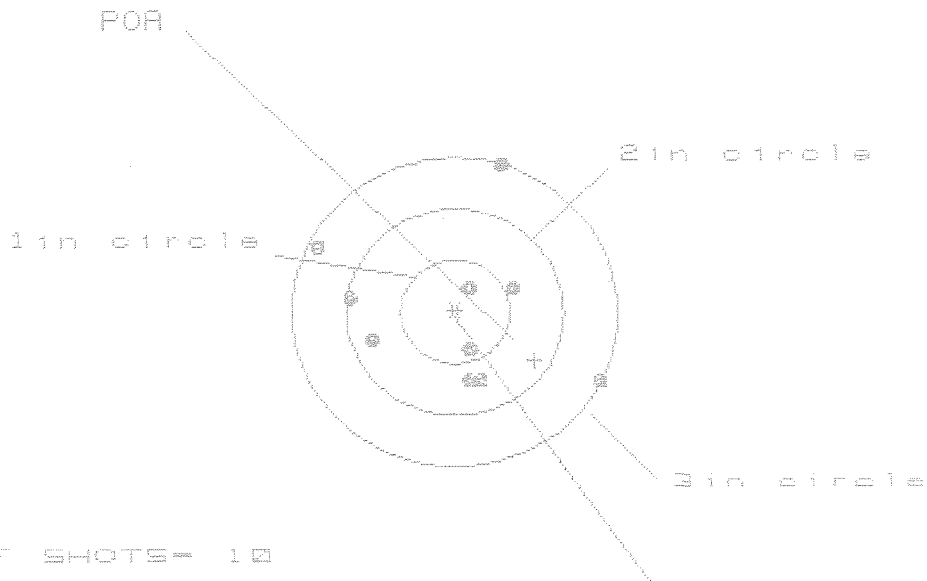
CENTROID \*

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | .965   | .792   | .795   |
| MINIMUM X                     | -1.552 | -.928  | -.917  |
| MAXIMUM Y                     | 1.046  | 1.065  | .634   |
| MINIMUM Y                     | -1.041 | -1.022 | -.889  |
| CENTROID X                    | -1.173 | -1.000 | -1.000 |
| CENTROID Y                    | .736   | .717   | .584   |
| POR TO CENTROID in.           | 1.384  | 1.231  | 1.161  |
| MIN RADIUS                    | .071   | .123   | .157   |
| MEAN RADIUS                   | .865   | .769   | .724   |
| MAX RADIUS                    | 1.561  | 1.112  | 1.040  |
| HORIZONTAL SPREAD             | 2.516  | 1.712  | 1.712  |
| VERTICAL SPREAD               | 2.087  | 2.087  | 1.523  |
| EXTREME SPREAD                | 2.516  | 2.119  | 1.939  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 6      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 9      |        |        |

18 Nov 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C0225426

# CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.538

VS= 2.104

GS= 2.926

CENTROID #

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 5      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.371  | .705   | .773   |
| MINIMUM X                   | : | -1.267 | -1.114 | -1.046 |
| MAXIMUM Y                   | : | 1.436  | 1.364  | .719   |
| MINIMUM Y                   | : | -.668  | -.740  | -.569  |
| CENTROID X                  | : | -.731  | -.884  | -.952  |
| CENTROID Y                  | : | .464   | .536   | .365   |
| FOR TO CENTROID in.         | : | .866   | 1.033  | 1.020  |
| MIN RADIUS                  | : | .321   | .370   | .479   |
| MEAN RADIUS                 | : | .891   | .831   | .729   |
| MAX RADIUS                  | : | 1.515  | 1.469  | 1.269  |
| HORIZONTAL SPREAD           | : | 2.638  | 1.819  | 1.819  |
| VERTICAL SPREAD             | : | 2.104  | 2.104  | 1.288  |
| EXTREME SPREAD              | : | 2.926  | 2.112  | 1.982  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

# ING AND ESTIMATING REPORT

COMMENTS

ORDER  
R 94-24903

INITIAL  
FPS

CUSTOMER ORDER NO.

M-24 SNIPER

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

08/29/94

08/30/94

DI 9-88

C6225426

700 7.62

NATO

ACCESSORIES

SCOPE BASE

SCOPE MNTS

L/2 STUDS

FROM:

SHIP TO:

DEPT OF THE ARMY  
B CO ARMS  
2/75 RANGER BATTALION  
FT LEWIS

WA 98433

DEPT OF THE ARMY  
B CO ARMS  
2/75 RANGER BATTALION  
FT LEWIS

WA

98433

CUST NO:062072 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

R768625191

GUN CONDITION

☐ NEW

☐ LIGHTLY WORN

☐ WORN

☐ VERY WORN

☐ UNREPAIRABLE

☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

New Barrel

PARTS

COMMENTS

Barrel 1 - 96003

Repowder Coat Trigger Guard Assy,  
Front & Rear Sight Bases  
ReZinc - Scope Base, Rings  
& Swivel Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

RW

9/1/94

9/12/94

9/12/94

9/12/94

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

M2400148327

| PACKING LIST                                                                       |                                                                                                         | PACKED BY<br><i>Mr. Ray Fuller</i><br>WG-10 Bn. Armorer. | I. NO. BOXES<br><i>1</i>           | 2a. REQUISITION NO.<br><i>94238</i> |              |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------|------------------------------------|-------------------------------------|--------------|
|                                                                                    |                                                                                                         |                                                          |                                    | 2b. ORDER NO.                       |              |
| 3. END ITEM<br><i>7.62mm M24 Sniper Weapons System (SWS)</i>                       |                                                                                                         |                                                          | 4. DATE<br><i>26 July 1994</i>     |                                     |              |
|                                                                                    |                                                                                                         |                                                          | 5. PAGE <i>1</i> OF <i>1</i> PAGES |                                     |              |
| BOX NO.<br>(a)                                                                     | CONTENTS - STOCK NUMBER AND NOMENCLATURE<br>(b)                                                         | UNIT OF ISSUE<br>(c)                                     | QUANTITIES REQUIRED                |                                     |              |
|                                                                                    |                                                                                                         |                                                          | INITIAL OPERATION<br>(d)           | RUNNING SPARES<br>(e)               | TOTAL<br>(f) |
| <i>1</i>                                                                           | <i>7.62mm M24 Sniper Weapon System (SWS) Serial No. <u>C6225426</u></i><br><i>NSN: 1005-01-240-2136</i> | <i>Ea</i>                                                |                                    |                                     | <i>1</i>     |
|  |                                                                                                         |                                                          |                                    |                                     |              |
| <i>Note: All Optic Scope Ring mounts Packed</i>                                    |                                                                                                         |                                                          |                                    |                                     |              |
| 6. THIS CERTIFIES THAT ITEMS LISTED HEREON ARE WITHIN THE SPECIFIED BOXES          |                                                                                                         |                                                          |                                    |                                     |              |
| TYPED NAME AND TITLE                                                               |                                                                                                         |                                                          | SIGNATURE                          |                                     |              |
| <i>Ray Fuller WG-10 Bn Armorer</i>                                                 |                                                                                                         |                                                          | <i>Ray Fuller</i>                  |                                     |              |

DD FORM 1 SEP 70 1750

| MAINTENANCE REQUEST                                                                                                                                                                                                                                                                                                                                                                                     |                        |                                                        |                 | PAGE NO.<br>1                       | NO OF PAGES                                                                                                                                                                                                                                                   | REQUIREMENTS CONTROL SYMBOL<br>CSGLD - 1047(R1)                                                                      |                                       |                                                     |                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------------------------------------|-----------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------------|----------------------------------|
| For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG                                                                                                                                                                                                                                                                                                                                |                        |                                                        |                 |                                     |                                                                                                                                                                                                                                                               |                                                                                                                      |                                       |                                                     |                                  |
| <b>SECTION I - EQUIPMENT DATA</b>                                                                                                                                                                                                                                                                                                                                                                       |                        |                                                        |                 |                                     |                                                                                                                                                                                                                                                               |                                                                                                                      |                                       |                                                     |                                  |
| <b>CONTROL NUMBER</b>                                                                                                                                                                                                                                                                                                                                                                                   |                        | <b>WORK ORDER NO.</b><br>94238                         |                 | <b>WESDC</b>                        |                                                                                                                                                                                                                                                               | <b>ORG. PD</b><br>02                                                                                                 |                                       | <b>PD AUTHENTICATION</b><br>DALL CPT, IN            |                                  |
| <input checked="" type="checkbox"/> Work Request<br><input type="checkbox"/> MWO<br><input type="checkbox"/> Warranty Claim                                                                                                                                                                                                                                                                             |                        | <b>1A. ORGANIZATION</b><br>Bn Arms HHC<br>2/75 Rgr Rgt |                 | <b>B. LOCATION</b><br>Fort Lewis Wa |                                                                                                                                                                                                                                                               |                                                                                                                      | <b>C. UNIT IDENT CODE</b><br>WH3M17A  |                                                     |                                  |
| <b>2. SERIAL NO.</b><br>C6225426                                                                                                                                                                                                                                                                                                                                                                        |                        | <b>3. NOUN NOMENCLATURE</b><br>M24 SW5                 |                 | <b>4. LINE NO.</b>                  |                                                                                                                                                                                                                                                               | <b>5. MODEL</b><br>M24                                                                                               |                                       | <b>6. NATIONAL STOCK NUMBER</b><br>1005-01-240-2136 |                                  |
| <b>7A. MAINTENANCE ACTIVITY</b><br>Remington Arms<br>Custom Shop                                                                                                                                                                                                                                                                                                                                        |                        | <b>B. LEVEL</b>                                        |                 | <b>8. UTILIZATION CODE</b>          |                                                                                                                                                                                                                                                               | <b>9A. MCSR ITEM</b>                                                                                                 |                                       | <b>9B. ERC</b>                                      |                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                                                        |                 |                                     |                                                                                                                                                                                                                                                               |                                                                                                                      |                                       |                                                     |                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                                                        |                 |                                     |                                                                                                                                                                                                                                                               |                                                                                                                      |                                       |                                                     |                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                                                        |                 |                                     |                                                                                                                                                                                                                                                               |                                                                                                                      |                                       |                                                     |                                  |
| <b>14. FAILURE DETECTED DURING</b> (Select one - use <input checked="" type="checkbox"/> or X)                                                                                                                                                                                                                                                                                                          |                        |                                                        |                 |                                     | <b>15. FIRST INDICATION OF TROUBLE</b> (Select one - use <input checked="" type="checkbox"/> or X)                                                                                                                                                            |                                                                                                                      |                                       |                                                     |                                  |
| <input type="checkbox"/> A Sch. Main. <input checked="" type="checkbox"/> C Test <input type="checkbox"/> E Storage <input type="checkbox"/> G Flight<br><input type="checkbox"/> B Handling <input 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 checked="" type="checkbox"/> Other |                                                                                                                      |                                       |                                                     |                                  |
| <b>16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs).</b><br>This weapon has fuel over 19,000 Rbs. During Bench Rest Test Fire at 200/300 yds, groups were shot exceeding the criteria of 2.6" at 200 to 3.8" at 300 yds. C5-12 Shot Gauge. This criteria was provided us by Mr Jim Glenn ARDCE DSN 880-7071 |                        |                                                        |                 |                                     |                                                                                                                                                                                                                                                               |                                                                                                                      |                                       |                                                     |                                  |
| <b>B. REMARKS</b><br>Request Re Boreing and Complete Weapon Re-conditioning                                                                                                                                                                                                                                                                                                                             |                        |                                                        |                 |                                     |                                                                                                                                                                                                                                                               |                                                                                                                      |                                       |                                                     |                                  |
| <b>SECTION II - WORK ACCOMPLISHED</b>                                                                                                                                                                                                                                                                                                                                                                   |                        |                                                        |                 |                                     |                                                                                                                                                                                                                                                               |                                                                                                                      |                                       |                                                     |                                  |
| <b>17A. REPAIR ORGANIZATION/ACTIVITY</b>                                                                                                                                                                                                                                                                                                                                                                |                        |                                                        |                 | <b>C. UNIT IDENT. CODE</b>          |                                                                                                                                                                                                                                                               | <b>18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK</b> (Select one - use <input checked="" type="checkbox"/> or X) |                                       | <b>19. AMS ACCT. CODE</b>                           |                                  |
| <b>B. LOCATION</b>                                                                                                                                                                                                                                                                                                                                                                                      |                        |                                                        |                 |                                     |                                                                                                                                                                                                                                                               | <input type="checkbox"/> 1 TOE <input type="checkbox"/> 2 TD <input type="checkbox"/> 3 Contractor                   |                                       |                                                     |                                  |
| <b>20A. ACT. CODE</b>                                                                                                                                                                                                                                                                                                                                                                                   | <b>B. FAILURE CODE</b> | <b>C. COMPONENT/PART NOUN, SVC, OR MWO NO.</b>         |                 |                                     | <b>D. MANHOURS (Hrs. &amp; tenths)</b>                                                                                                                                                                                                                        | <b>E. NATIONAL STOCK NUMBER</b>                                                                                      | <b>F. PART SOURCE CODE</b>            | <b>G. QTY.</b>                                      | <b>H. PARTS COST</b>             |
|                                                                                                                                                                                                                                                                                                                                                                                                         |                        | (1) CB CODE                                            | (2) REF DESIGN. | (3) MFR. CODE                       |                                                                                                                                                                                                                                                               |                                                                                                                      |                                       |                                                     |                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                                                        |                 |                                     |                                                                                                                                                                                                                                                               |                                                                                                                      |                                       |                                                     | \$                               |
|                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                                                        |                 |                                     |                                                                                                                                                                                                                                                               |                                                                                                                      |                                       |                                                     | \$                               |
|                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                                                        |                 |                                     |                                                                                                                                                                                                                                                               |                                                                                                                      |                                       |                                                     | \$                               |
|                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                                                        |                 |                                     |                                                                                                                                                                                                                                                               |                                                                                                                      |                                       |                                                     | \$                               |
|                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                                                        |                 |                                     |                                                                                                                                                                                                                                                               |                                                                                                                      |                                       |                                                     | \$                               |
|                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                                                        |                 |                                     |                                                                                                                                                                                                                                                               |                                                                                                                      |                                       |                                                     | \$                               |
|                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                                                        |                 |                                     |                                                                                                                                                                                                                                                               |                                                                                                                      |                                       |                                                     | \$                               |
|                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                                                        |                 |                                     |                                                                                                                                                                                                                                                               |                                                                                                                      |                                       |                                                     | \$                               |
|                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                                                        |                 |                                     |                                                                                                                                                                                                                                                               |                                                                                                                      |                                       |                                                     | \$                               |
|                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                                                        |                 |                                     |                                                                                                                                                                                                                                                               |                                                                                                                      |                                       |                                                     | \$                               |
|                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                                                        |                 |                                     |                                                                                                                                                                                                                                                               |                                                                                                                      |                                       |                                                     | \$                               |
|                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                                                        |                 |                                     | <b>I. TOTAL MANHOURS</b>                                                                                                                                                                                                                                      | <b>J. TOTAL MANHOURS COST</b><br>\$                                                                                  | <b>K. TOTAL PARTS COST</b><br>\$      |                                                     |                                  |
| <b>21. DELAY (Select One)</b>                                                                                                                                                                                                                                                                                                                                                                           |                        |                                                        |                 |                                     | <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 |
|                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                                                        |                 |                                     | <b>22. Data Transcribed</b>                                                                                                                                                                                                                                   |                                                                                                                      |                                       |                                                     |                                  |
| <b>23. SUBMITTED BY</b><br>Ray Fuller                                                                                                                                                                                                                                                                                                                                                                   |                        | <b>24. RECEIVED BY</b>                                 |                 | <b>25. WORK STARTED BY</b>          |                                                                                                                                                                                                                                                               | <b>26. INSPECTED BY</b>                                                                                              |                                       | <b>27. ACCEPTED BY</b>                              |                                  |
| JULIAN DATE<br>4235                                                                                                                                                                                                                                                                                                                                                                                     |                        | JULIAN DATE                                            |                 | JULIAN DATE                         |                                                                                                                                                                                                                                                               | JULIAN DATE                                                                                                          |                                       | JULIAN DATE                                         |                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                                                        |                 |                                     | <b>28. DISPOSITION (Select One)</b><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                       |                                                                                                                      |                                       |                                                     |                                  |

## Final Inspection

Sn: C6225426

DATE REC'D: 8/29/94

DATE RET'D:

Auditor: RW

Item:

BARREL ASSY.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

SCOPE ASSY.

☐ SCOPE☐ SCOPE RINGS☐ MOUNTING SCREWS☐ MOUNTING BASE☐ SCREWS☐ FINISH☐ LOOSENESS☐ CLARITY

MISC.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

STOCK ASSY.

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

SYSTEMS CASE

☐ SCOPE CASE☐ IRON SIGHTS☐ DEPLOYMENT KIT

TRIGGER

☒ SAFETY OPERATION☒ SET

Comments: \_\_\_\_\_

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6225426  
15 Sep 1994

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .320225 |
| 1 TO | 2 | .366105 |
| 1 TO | 3 | .159389 |
| 1 TO | 4 | .463729 |
| 1 TO | 5 | .467822 |

7.4 5 <----POA

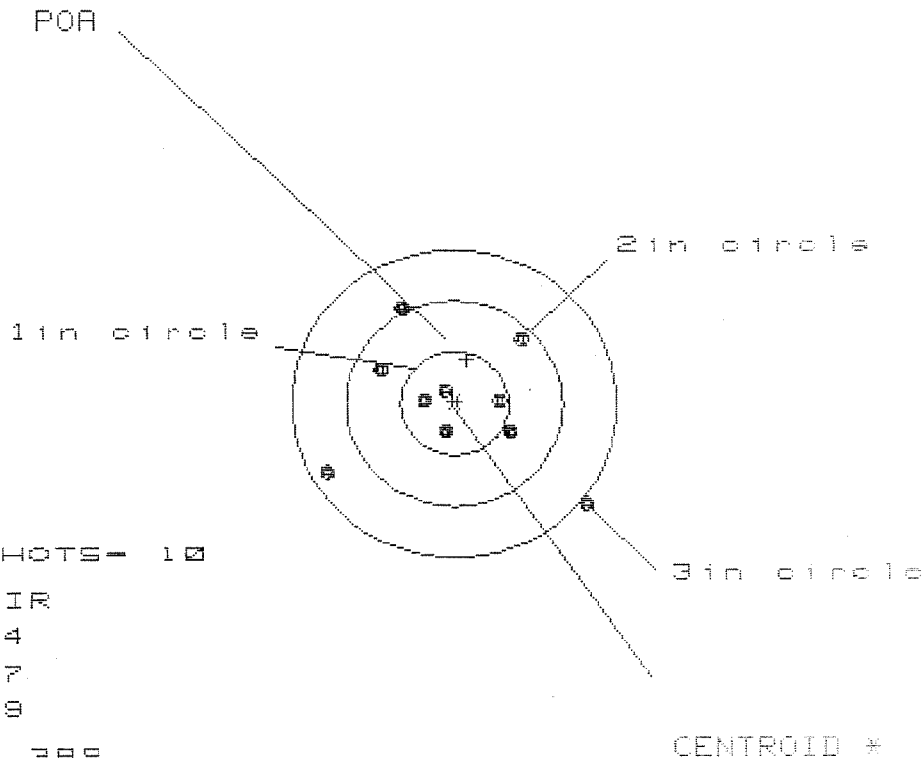
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1222  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0442  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .129948  
THE AMR FOR THIS RIFLE IS: .9538



15 Sep 1994

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225426

# CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1in = 4

2in = 7

3in = 9

HS= 2.389

VS= 1.948

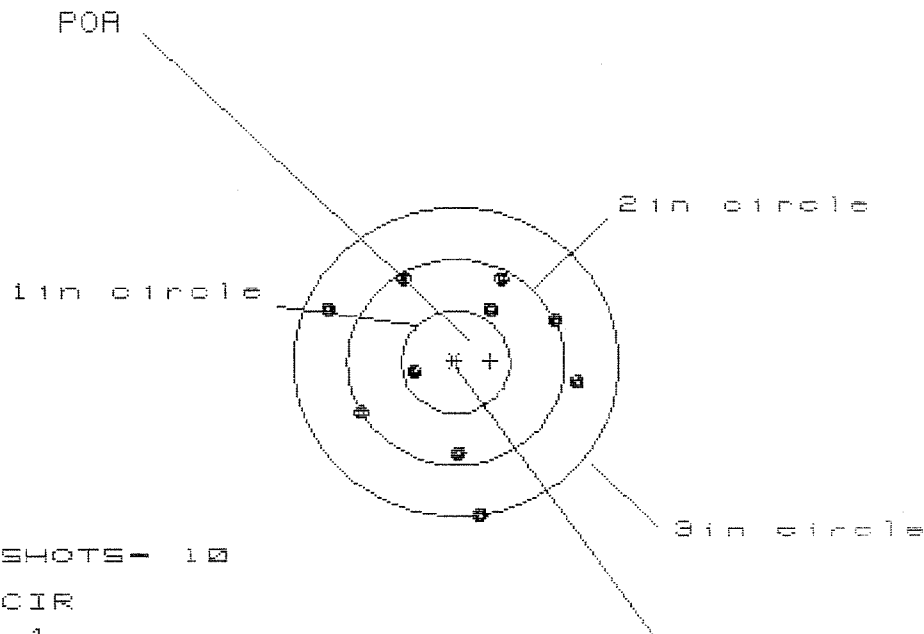
GS= 2.585

|                             |   |        |        |       |
|-----------------------------|---|--------|--------|-------|
| PATTERN #                   | : | 5      |        |       |
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.234  | .774   | .647  |
| MINIMUM X                   | : | -1.155 | -1.017 | -.716 |
| MAXIMUM Y                   | : | .975   | .867   | .766  |
| MINIMUM Y                   | : | -.973  | -.805  | -.513 |
| CENTROID X                  | : | -.116  | -.253  | -.126 |
| CENTROID Y                  | : | -.433  | -.325  | -.224 |
| POA TO CENTROID in.         | : | .448   | .412   | .257  |
| MIN RADIUS                  | : | .184   | .046   | .119  |
| MEAN RADIUS                 | : | .750   | .637   | .563  |
| MAX RADIUS                  | : | 1.572  | 1.297  | .891  |
| HORIZONTAL SPREAD           | : | 2.389  | 1.791  | 1.363 |
| VERTICAL SPREAD             | : | 1.948  | 1.672  | 1.279 |
| EXTREME SPREAD              | : | 2.585  | 2.207  | 1.556 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 4      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |       |

15 Sep 1994

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225426

CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.212

VS= 2.343

GS= 2.428

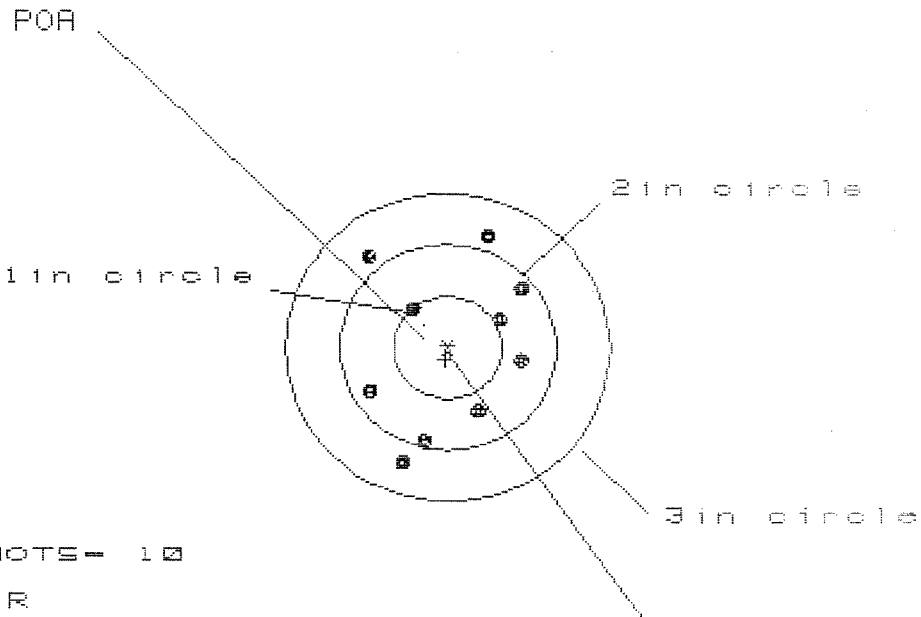
CENTROID \*

| PATTERN #                   | : | 1      | 2      | 3      |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.078  | 1.097  | .957   |
| MINIMUM X                   | : | -1.135 | -1.115 | -1.026 |
| MAXIMUM Y                   | : | .849   | .683   | .728   |
| MINIMUM Y                   | : | -1.494 | -1.093 | -1.048 |
| CENTROID X                  | : | -.320  | -.339  | -.199  |
| CENTROID Y                  | : | -.012  | .154   | .109   |
| POA TO CENTROID in.         | : | .320   | .372   | .227   |
| MIN RADIUS                  | : | .427   | .459   | .467   |
| MEAN RADIUS                 | : | .972   | .892   | .849   |
| MAX RADIUS                  | : | 1.504  | 1.172  | 1.190  |
| HORIZONTAL SPREAD           | : | 2.212  | 2.212  | 1.983  |
| VERTICAL SPREAD             | : | 2.343  | 1.776  | 1.776  |
| EXTREME SPREAD              | : | 2.428  | 2.315  | 2.010  |
| NUMBER IN ONE INCH CIRCLE   | = | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE   | = | 6      |        |        |
| NUMBER IN THREE INCH CIRCLE | = | 9      |        |        |

15 Sep 1994

FILE:/PATTERNING/CENTERFIRE\_PATT/08225426

# CENTERFIRE PATTERNS # 2



# OF SHOTS = 10

# IN CIR

1in = 0

2in = 7

3in = 10

HS = 1.426

VS = 2.216

GS = 2.360

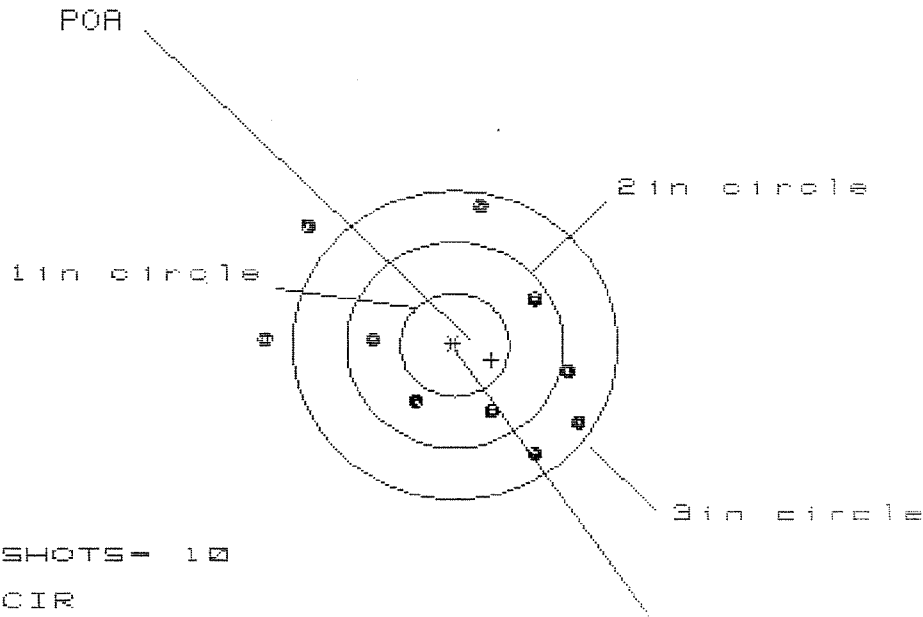
CENTROID #

| PATTERN #                   | : | 2      |        |       |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | .704   | .656   | .559  |
| MINIMUM X                   | : | -.722  | -.770  | -.846 |
| MAXIMUM Y                   | : | 1.061  | .933   | 1.026 |
| MINIMUM Y                   | : | -1.155 | -1.008 | -.915 |
| CENTROID X                  | : | .023   | .071   | .168  |
| CENTROID Y                  | : | .116   | .245   | .152  |
| POA TO CENTROID in.         | : | .119   | .255   | .226  |
| MIN RADIUS                  | : | .505   | .428   | .401  |
| MEAN RADIUS                 | : | .854   | .798   | .751  |
| MAX RADIUS                  | : | 1.235  | 1.070  | 1.051 |
| HORIZONTAL SPREAD           | : | 1.426  | 1.426  | 1.405 |
| VERTICAL SPREAD             | : | 2.216  | 1.941  | 1.941 |
| EXTREME SPREAD              | : | 2.360  | 2.038  | 2.038 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 0      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |       |

15 Sep 1994

FILE:/PATTERNING/CENTERFIRE\_PATT/06225426

# CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1in = 0

2in = 4

3in = 8

HS= 2.838

VS= 2.424

GS= 3.126

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 3      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.109  | .954   | .719   |
| MINIMUM X                   | : | -1.729 | -1.884 | -1.119 |
| MAXIMUM Y                   | : | 1.402  | 1.527  | 1.555  |
| MINIMUM Y                   | : | -1.022 | -.897  | -.869  |
| CENTROID X                  | : | -.341  | -.186  | .049   |
| CENTROID Y                  | : | .146   | .021   | -.007  |
| POA TO CENTROID in.         | : | .371   | .188   | .049   |
| MIN RADIUS                  | : | .646   | .576   | .517   |
| MEAN RADIUS                 | : | 1.158  | 1.053  | .909   |
| MAX RADIUS                  | : | 1.784  | 1.897  | 1.562  |
| HORIZONTAL SPREAD           | : | 2.838  | 2.838  | 1.838  |
| VERTICAL SPREAD             | : | 2.424  | 2.424  | 2.424  |
| EXTREME SPREAD              | : | 3.126  | 2.966  | 2.473  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 0      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |        |

15 Sep 1984

FILE:/PATTERNING/CENTERFIRE\_PATT/06225426

# CENTERFIRE PATTERNS

# 4

POA

1 in circle

2 in circle

3 in circle

CENTROID #

# OF SHOTS = 10

# IN CIR

1 in = 1

2 in = 0

3 in = 9

HS = 2.747

VS = 2.112

GS = 2.972

PATTERN #

4

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.373  | .842   | .690   |
| MINIMUM X                   | : | -1.373 | -1.221 | -.738  |
| MAXIMUM Y                   | : | 1.066  | .950   | .946   |
| MINIMUM Y                   | : | -1.046 | -1.105 | -1.109 |
| CENTROID X                  | : | .143   | -.009  | .143   |
| CENTROID Y                  | : | -.038  | .078   | .082   |
| POA TO CENTROID in.         | : | .148   | .079   | .165   |
| MIN RADIUS                  | : | .400   | .589   | .444   |
| MEAN RADIUS                 | : | 1.035  | .952   | .900   |
| MAX RADIUS                  | : | 1.727  | 1.248  | 1.254  |
| HORIZONTAL SPREAD           | : | 2.747  | 2.063  | 1.428  |
| VERTICAL SPREAD             | : | 2.112  | 2.055  | 2.055  |
| EXTREME SPREAD              | : | 2.972  | 2.248  | 2.242  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 3      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6225426

| OP. #        | OP. NAME                                                       | READINGS | DATE    | INITIAL |
|--------------|----------------------------------------------------------------|----------|---------|---------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   |          | 9/1/94  | RW      |
| 600          | Proof                                                          |          | 9/1/94  | RW      |
| 607          | Check Headspace                                                |          | 9/1/94  | RW      |
| 610          | Dis-assemble Gun                                               |          | 9/1/94  | RW      |
| 612          | Magnaflux Barrel<br>Action                                     |          |         |         |
|              | Magnaflux Bolt                                                 |          |         |         |
| 615          | Rollmark Caliber                                               |          |         |         |
| 617          | Drill and Tap Sight Holes                                      |          |         |         |
| 618          | Polish Barrel                                                  |          |         |         |
| 620          | Apply Coatings<br>(Barrel Action)                              |          |         |         |
|              | Apply Coating (Bolt)                                           |          |         |         |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 9/12/94 | RW      |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 9/12/94 | RW      |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 9/12/94 | RW      |
|              | D) Oil Firing Pin Ass'y                                        |          | 9/12/94 | RW      |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          |         |         |

| op. #        | OP. NAME                                                          | READINGS |      |      |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------------|----------|------|------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                                |          |      |      |      |      |         |      |
|              | G) Safety Off Force                                               |          |      |      |      |      |         |      |
|              | H) Trigger Pull Test &<br>Retainability                           |          |      |      |      |      |         |      |
|              | I) Firing Pin Indent                                              |          |      |      |      |      |         |      |
|              | J) Assemble Stock                                                 |          |      |      |      |      |         |      |
|              | K) Assemble Swivel Studs                                          |          |      |      |      |      |         |      |
|              | L) Attach Front and Rear<br>Sight Assemblies                      |          |      |      |      |      |         |      |
|              | M) Iron Sight Alignment                                           |          |      |      |      |      |         |      |
|              | N) Detach Front & Rear<br>Sights & place in<br>numbered container |          |      |      |      |      |         |      |
|              | O) Attach Scope to Rifle                                          |          |      |      |      |      |         |      |
|              | P) Detach & Attach Scope<br>20 Times                              |          |      |      |      |      |         |      |
| 640          | Gallery Target & Test                                             |          |      |      |      |      | 9/13/94 | BB   |
|              | A) Time                                                           |          |      |      |      |      | 9/13/94 | BB   |
|              | B) Malfunctions                                                   |          |      |      |      |      | 9/13/94 | BB   |
|              | C) Pierced Primers                                                |          |      |      |      |      | 9/13/94 | BB   |
|              | D) Optical Clarity of Scope                                       |          |      |      |      |      | 9/13/94 | BB   |
|              |                                                                   |          |      |      |      |      |         |      |
| 645          | Inspect for Live Ammo                                             |          |      |      |      |      | 9/13/94 | RW   |
| 655          | Final Inspection                                                  |          |      |      |      |      |         |      |
|              | A) Headspace                                                      |          |      |      |      |      | 9/14/94 | RW   |
|              | B) Trigger Pull                                                   | 2.53     | 2.59 | 2.60 | 2.63 | 2.62 | 9/14/94 | RW   |
|              | C) Function                                                       |          |      |      |      |      | 9/14/94 | RW   |
| 660          | Pack                                                              |          |      |      |      |      |         |      |