

C6225095

MODEL 700<sup>TM</sup> N24

Model **SMS** <sup>TM</sup>

Action

Barrel Length

Capacity

Order No. **5715**

\*Includes 1 in chamber.

*Remington*

*Sword* <sup>®</sup>

| Repair Number: <b>RE00112700</b>                                                                                                                                                                                                                                                                                                                                            | Serial: C6225095 Model: M24 SWS Center Fire<br>Caliber: 7.62 NATO | Repairman:<br>Status: Closed 5/23/2006 11:37:16 AM |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------|------|------|-----|------|-----------|---|------|-----------|---|------|------------|---|------|--------|---|------|-----------------------|---|
| Verify Repair                                                                                                                                                                                                                                                                                                                                                               |                                                                   |                                                    |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| <b>Address Information</b>                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                    |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| Customer: <input checked="" type="radio"/> Received From <input type="radio"/> Return To <input type="radio"/> Received From                                                                                                                                                                                                                                                |                                                                   |                                                    |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| Name: DEPARTMENT OF THE ARMY                                                                                                                                                                                                                                                                                                                                                |                                                                   |                                                    |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| Address 1: A COMPANY 2ND BATTALION                                                                                                                                                                                                                                                                                                                                          |                                                                   |                                                    |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| Address 2: 7TH SPECIAL FORCES GROUP PO Box:                                                                                                                                                                                                                                                                                                                                 |                                                                   |                                                    |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| City: FORT BRAGG                                                                                                                                                                                                                                                                                                                                                            |                                                                   |                                                    |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| State: NC Zip Code: 28310 Country: US                                                                                                                                                                                                                                                                                                                                       |                                                                   |                                                    |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| State: NC Zip Code: 28310 Country: US                                                                                                                                                                                                                                                                                                                                       |                                                                   |                                                    |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| FFL: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>                                                                                                                                                                |                                                                   |                                                    |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| <b>Contact / Condition</b> Problems Estimate History / Status Shipping / Billing                                                                                                                                                                                                                                                                                            |                                                                   |                                                    |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| <b>Contact Information</b>                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                    |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| Phone: NA                                                                                                                                                                                                                                                                                                                                                                   |                                                                   |                                                    |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| Fax:                                                                                                                                                                                                                                                                                                                                                                        |                                                                   |                                                    |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| Email:                                                                                                                                                                                                                                                                                                                                                                      |                                                                   |                                                    |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| Comments:                                                                                                                                                                                                                                                                                                                                                                   |                                                                   |                                                    |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| <b>Received Condition</b>                                                                                                                                                                                                                                                                                                                                                   |                                                                   |                                                    |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| Fair                                                                                                                                                                                                                                                                                                                                                                        |                                                                   |                                                    |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| Condition Notes:                                                                                                                                                                                                                                                                                                                                                            |                                                                   |                                                    |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| CSR Notes:                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                    |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| <b>Accessories Received</b>                                                                                                                                                                                                                                                                                                                                                 |                                                                   |                                                    |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| <table border="1"><thead><tr><th>Code</th><th>Desc</th><th>Qty</th></tr></thead><tbody><tr><td>A007</td><td>With Stud</td><td>3</td></tr><tr><td>A010</td><td>Hard Case</td><td>1</td></tr><tr><td>A017</td><td>Scope Base</td><td>1</td></tr><tr><td>A045</td><td>Bi Pod</td><td>1</td></tr><tr><td>A057</td><td>Fit and Rear Sgt Base</td><td>1</td></tr></tbody></table> |                                                                   |                                                    | Code | Desc | Qty | A007 | With Stud | 3 | A010 | Hard Case | 1 | A017 | Scope Base | 1 | A045 | Bi Pod | 1 | A057 | Fit and Rear Sgt Base | 1 |
| Code                                                                                                                                                                                                                                                                                                                                                                        | Desc                                                              | Qty                                                |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| A007                                                                                                                                                                                                                                                                                                                                                                        | With Stud                                                         | 3                                                  |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| A010                                                                                                                                                                                                                                                                                                                                                                        | Hard Case                                                         | 1                                                  |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| A017                                                                                                                                                                                                                                                                                                                                                                        | Scope Base                                                        | 1                                                  |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| A045                                                                                                                                                                                                                                                                                                                                                                        | Bi Pod                                                            | 1                                                  |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| A057                                                                                                                                                                                                                                                                                                                                                                        | Fit and Rear Sgt Base                                             | 1                                                  |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| Repair Search Refresh Close                                                                                                                                                                                                                                                                                                                                                 |                                                                   |                                                    |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| naglel 5/23/2006 1:24 PM CAPS NUM INS SCRL                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                    |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |
| start 3 Micros... 2 Micros... 3 Intern... Part Search... Arms Servi... 1:24 PM                                                                                                                                                                                                                                                                                              |                                                                   |                                                    |      |      |     |      |           |   |      |           |   |      |            |   |      |        |   |      |                       |   |

Serial Number: **C6225095**Model: **M24 SWS****RE00112700**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225095.\_\_\_1  
FILE DATE AND TIME: 06/07/2006 18:04

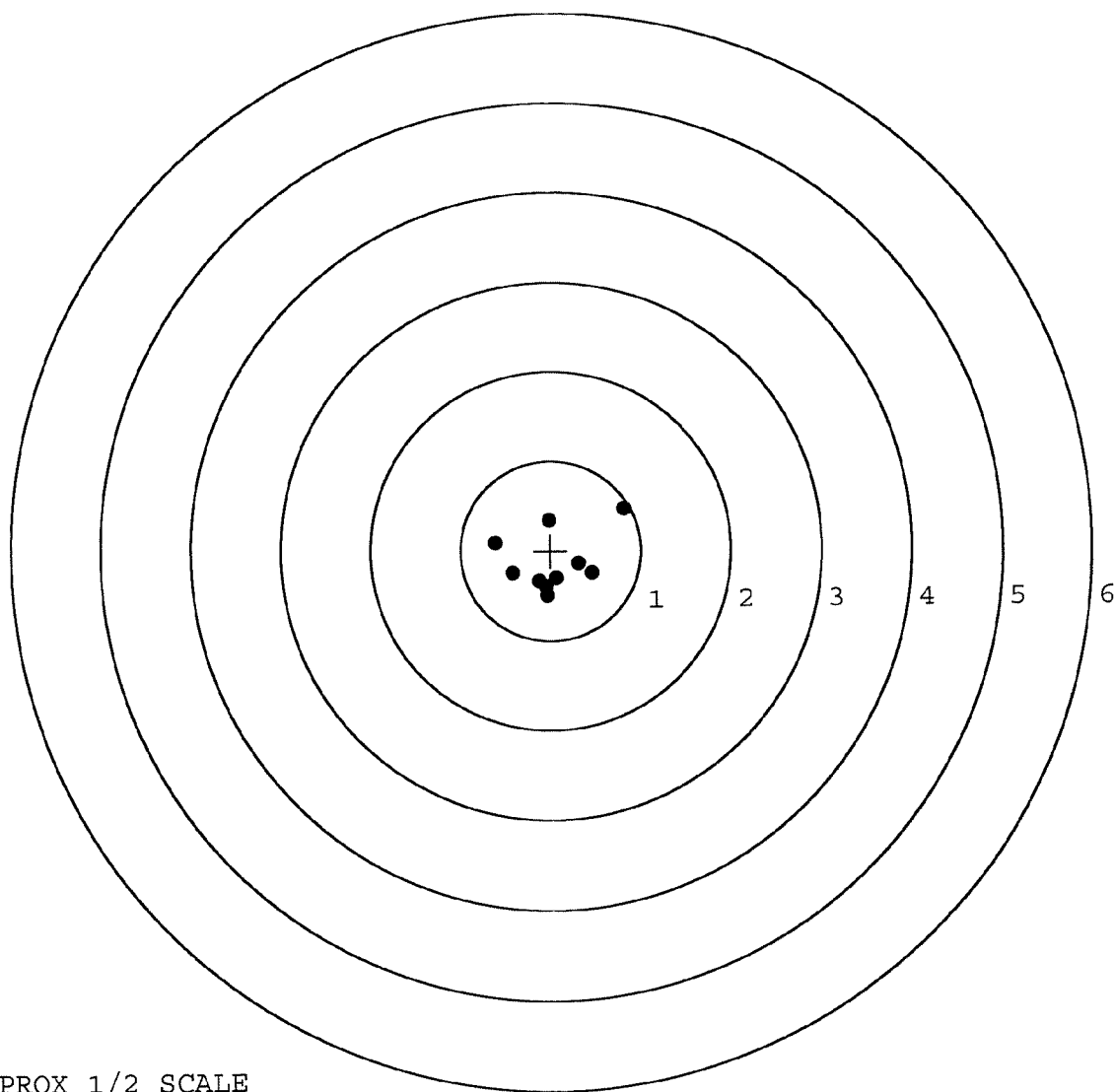
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.084  |
| The Average Y Centroid of the Five Target Set:              | -0.097 |
| The Average Point of Impact of the Five Target Set:         | 0.128  |
| The Average Mean Radius of the Five Target Set:             | 0.568  |
| The Distance from POA to Centroid Target #1:                | 0.137  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.280  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.259  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.299  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.131  |

SERIAL NUMBER: C6225095. \_\_1  
TARGET NUMBER: 1  
FILE DATE: 06/07/2006  
FILE TIME: 18:04

X CENTROID: 0.036  
Y CENTROID: -0.132  
POA TO CENTROID: 0.137  
HORZ SPREAD: 1.436  
VERT SPREAD: 0.967  
GROUP SPREAD: 1.485  
MIN RADIUS: 0.183  
MAX RADIUS: 0.985  
MEAN RADIUS: 0.446  
# IN 1 IN DIAMETER: 8  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.617 | 0.088  |
| 2:     | -0.020 | 0.337  |
| 3:     | 0.819  | 0.466  |
| 4:     | 0.459  | -0.251 |
| 5:     | 0.311  | -0.143 |
| 6:     | 0.066  | -0.312 |
| 7:     | -0.042 | -0.501 |
| 8:     | -0.131 | -0.346 |
| 9:     | -0.426 | -0.248 |
| 10:    | -0.055 | -0.406 |

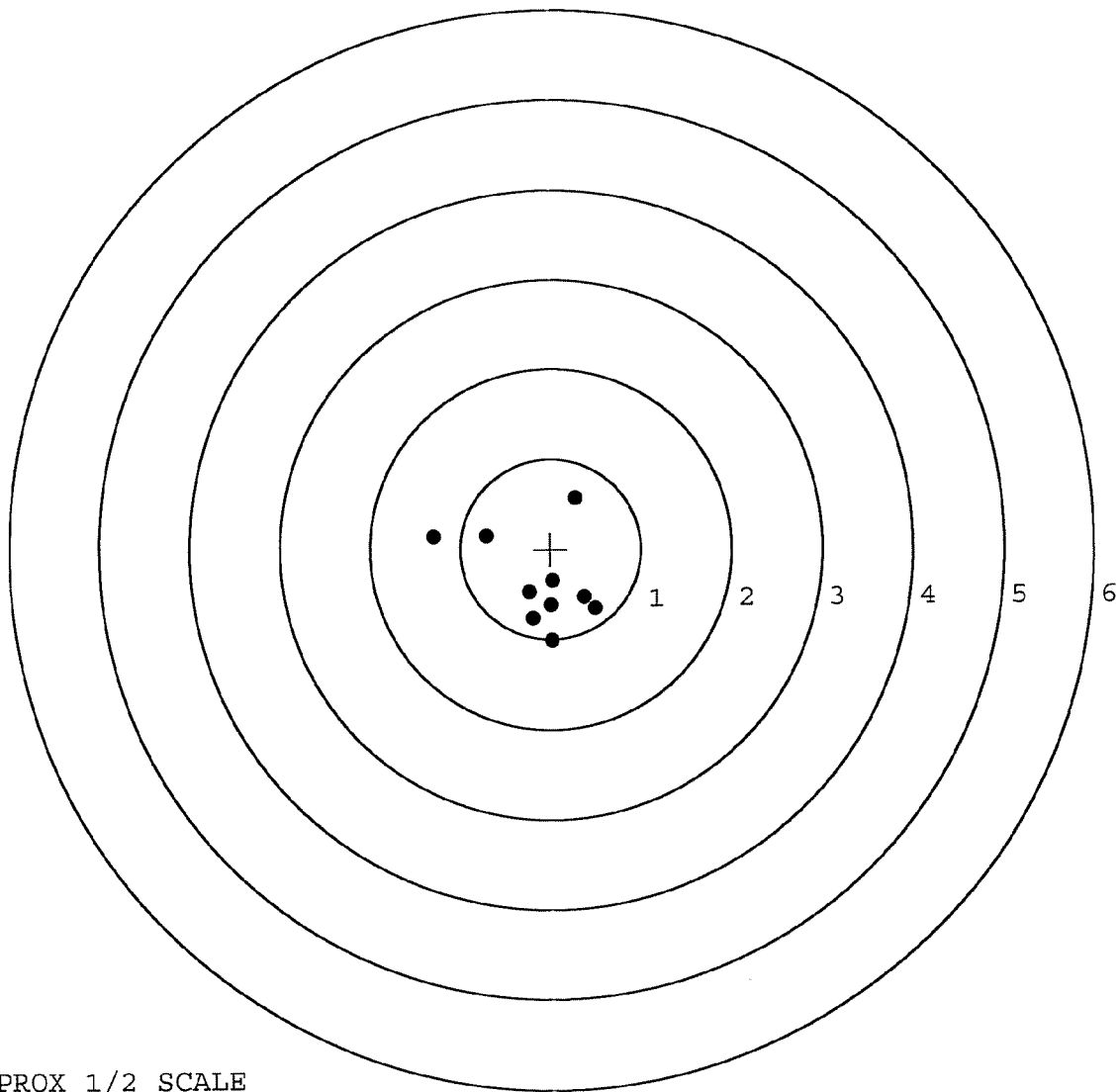


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225095. \_\_1  
TARGET NUMBER: 2  
FILE DATE: 06/07/2006  
FILE TIME: 18:04

X CENTROID: -0.126  
Y CENTROID: -0.360  
POA TO CENTROID: 0.381  
HORZ SPREAD: 1.785  
VERT SPREAD: 1.594  
GROUP SPREAD: 1.957  
MIN RADIUS: 0.149  
MAX RADIUS: 1.272  
MEAN RADIUS: 0.598  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.295 | 0.141  |
| 2:     | -0.708 | 0.150  |
| 3:     | 0.274  | 0.572  |
| 4:     | 0.490  | -0.662 |
| 5:     | 0.369  | -0.536 |
| 6:     | 0.023  | -0.355 |
| 7:     | -0.237 | -0.482 |
| 8:     | -0.197 | -0.775 |
| 9:     | 0.015  | -1.022 |
| 10:    | 0.004  | -0.630 |

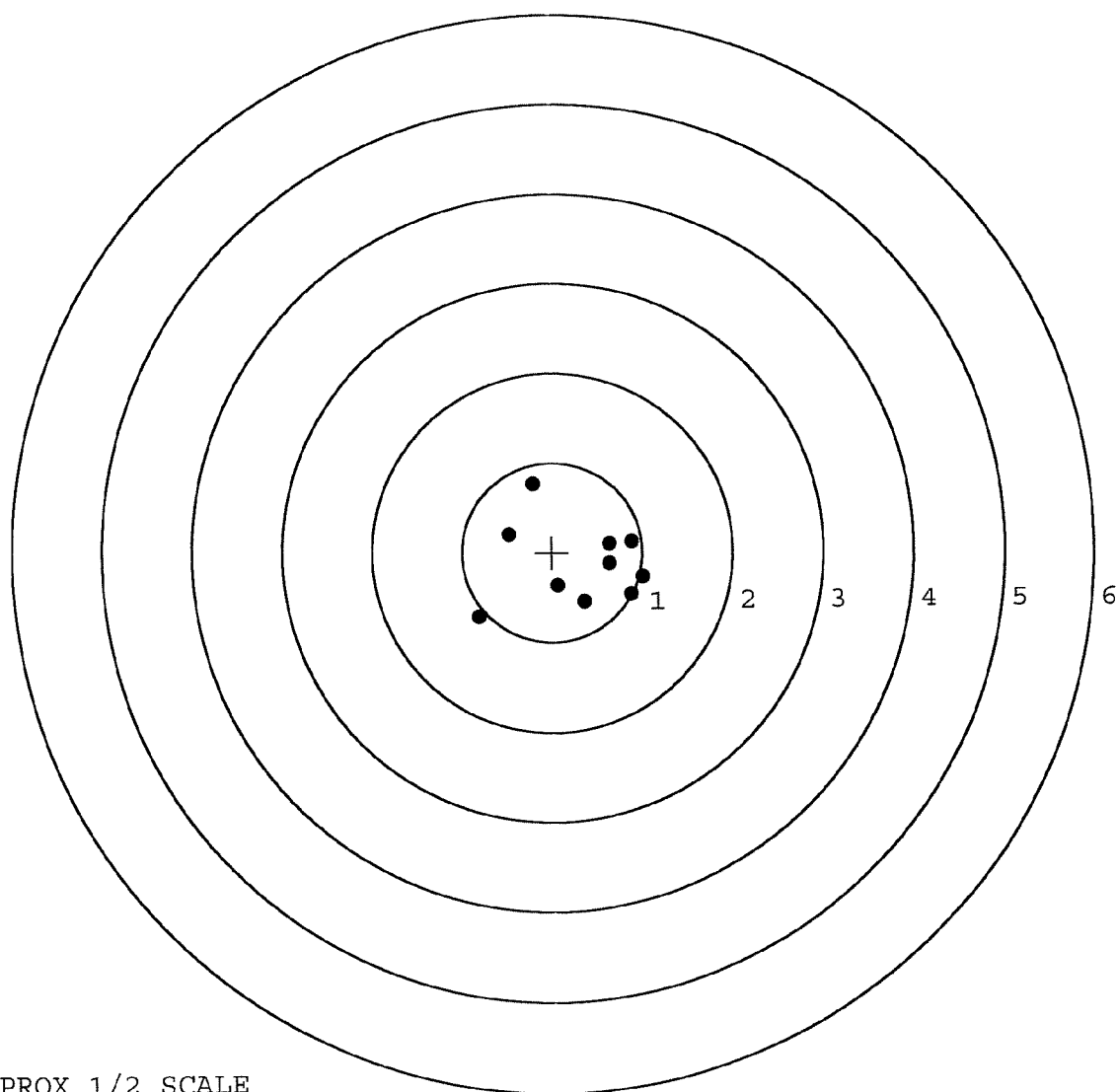


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225095. \_\_1  
TARGET NUMBER: 3  
FILE DATE: 06/07/2006  
FILE TIME: 18:04

X CENTROID: 0.296  
Y CENTROID: -0.136  
POA TO CENTROID: 0.325  
HORZ SPREAD: 1.822  
VERT SPREAD: 1.486  
GROUP SPREAD: 1.894  
MIN RADIUS: 0.334  
MAX RADIUS: 1.257  
MEAN RADIUS: 0.668  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.211 | 0.765  |
| 2:     | -0.477 | 0.204  |
| 3:     | -0.817 | -0.721 |
| 4:     | 0.066  | -0.379 |
| 5:     | 0.358  | -0.554 |
| 6:     | 0.875  | -0.478 |
| 7:     | 1.005  | -0.281 |
| 8:     | 0.882  | 0.117  |
| 9:     | 0.636  | 0.099  |
| 10:    | 0.638  | -0.129 |

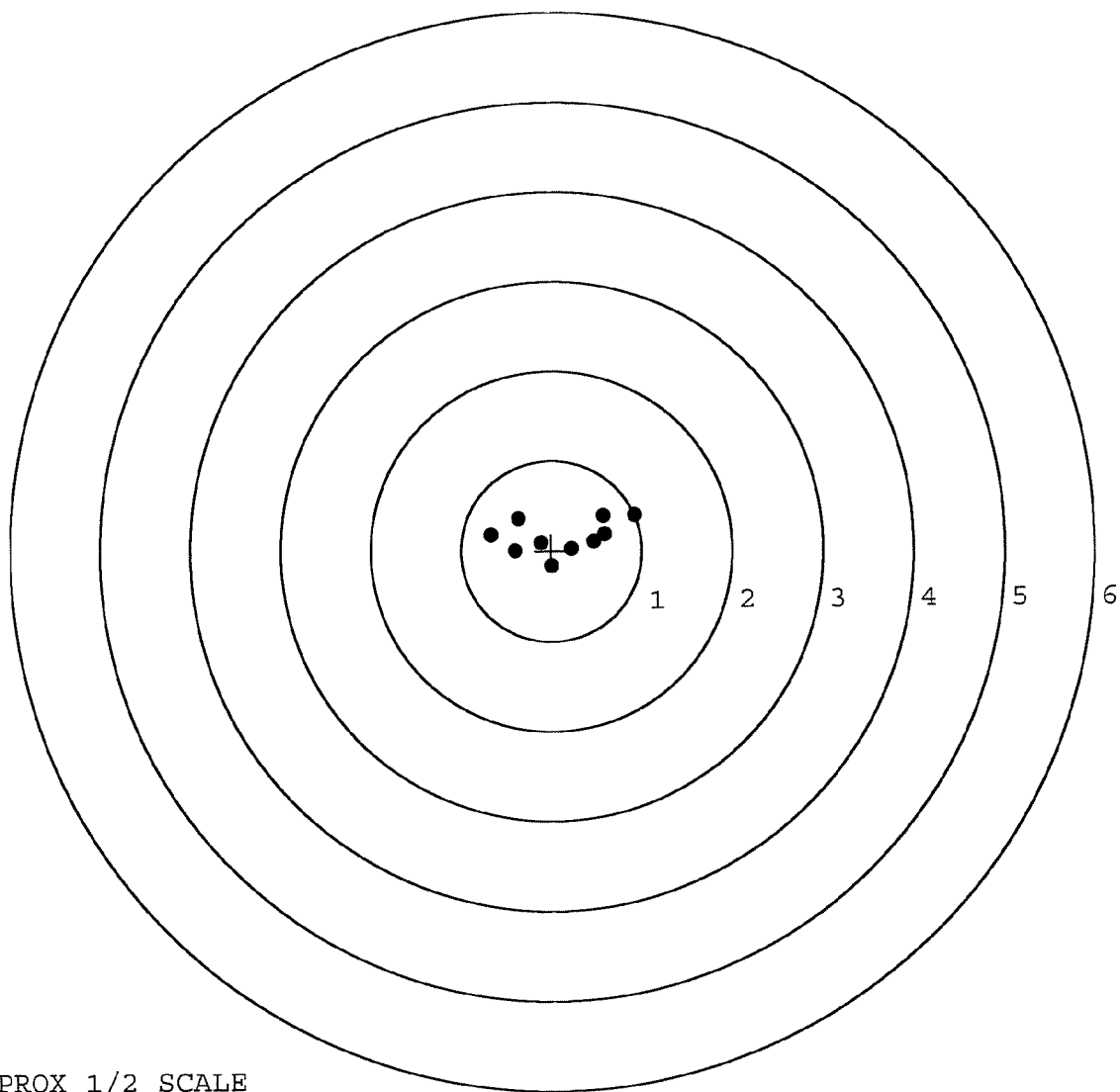


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225095. \_\_1  
TARGET NUMBER: 4  
FILE DATE: 06/07/2006  
FILE TIME: 18:04

X CENTROID: 0.123  
Y CENTROID: 0.154  
POA TO CENTROID: 0.198  
HORZ SPREAD: 1.594  
VERT SPREAD: 0.564  
GROUP SPREAD: 1.608  
MIN RADIUS: 0.165  
MAX RADIUS: 0.835  
MEAN RADIUS: 0.480  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.670 | 0.179  |
| 2:     | -0.366 | 0.357  |
| 3:     | -0.405 | 0.001  |
| 4:     | 0.002  | -0.172 |
| 5:     | -0.118 | 0.089  |
| 6:     | 0.226  | 0.025  |
| 7:     | 0.468  | 0.105  |
| 8:     | 0.593  | 0.184  |
| 9:     | 0.579  | 0.385  |
| 10:    | 0.924  | 0.392  |

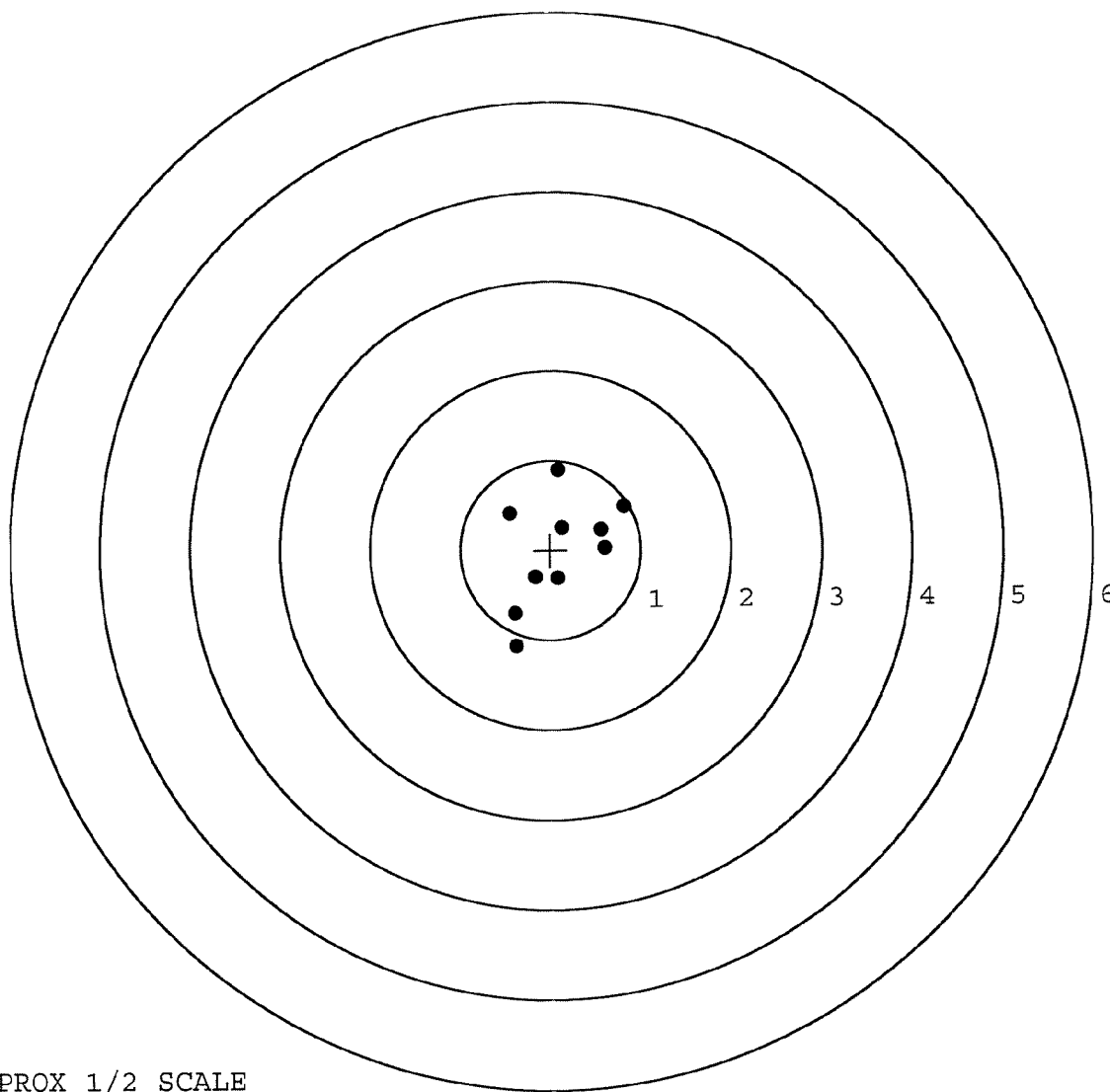


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225095. \_\_1  
TARGET NUMBER: 5  
FILE DATE: 06/07/2006  
FILE TIME: 18:04

X CENTROID: 0.089  
Y CENTROID: -0.012  
POA TO CENTROID: 0.089  
HORZ SPREAD: 1.262  
VERT SPREAD: 1.970  
GROUP SPREAD: 2.025  
MIN RADIUS: 0.265  
MAX RADIUS: 1.163  
MEAN RADIUS: 0.649  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.088  | 0.894  |
| 2:     | -0.448 | 0.410  |
| 3:     | 0.132  | 0.250  |
| 4:     | 0.600  | 0.024  |
| 5:     | 0.564  | 0.227  |
| 6:     | 0.814  | 0.489  |
| 7:     | 0.083  | -0.320 |
| 8:     | -0.167 | -0.305 |
| 9:     | -0.398 | -0.712 |
| 10:    | -0.381 | -1.076 |



TARGET APPROX 1/2 SCALE

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

|               |                      |                                                                                                                                                                                                    |              |
|---------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| R & E NUMBER  | 112700               |                                                                                                                                                                                                    |              |
| SERIAL NUMBER | 0622 5095            |                                                                                                                                                                                                    |              |
| LOG-IN DATE   | 5-23-06              |                                                                                                                                                                                                    |              |
| OPERATION #   | OPERATION NAME       | DATE                                                                                                                                                                                               | INITIAL      |
| 500           | DIS-ASSEMBLE GUN     | 5-24-06                                                                                                                                                                                            | RTZ          |
| 505           | RE-BARREL            | 5-26-06                                                                                                                                                                                            | RTZ          |
| 560           | ASSEMBLE             | 5-30-06                                                                                                                                                                                            | RTZ          |
| 600           | PROOF                | MAGNA-FLUX INSPECTED                                                                                                                                                                               | TRW          |
| 605           | CHECK HEADSPACE      | 5-30-06                                                                                                                                                                                            | TRW          |
| 610           | DIS-ASSEMBLE GUN     | JUN 02 2006                                                                                                                                                                                        | RTZ          |
| 612           | MAGNAFLUX            | OPERATOR <u>APD</u>                                                                                                                                                                                | APD          |
| 510           | DRILL AND TAP        | 6-1-06                                                                                                                                                                                             | TRW          |
| 615           | ROLLMARK CALIBER     | 6-2-06                                                                                                                                                                                             | CW           |
| 618           | ROTO-BLAST           | 6-2-06                                                                                                                                                                                             | LB           |
| 620           | APPLY COATINGS       | 6/5/06                                                                                                                                                                                             | RB           |
| 625           | FINAL ASSEMBLY       | 6-7-06                                                                                                                                                                                             | RTZ          |
| 640           | FUNCTION TEST AND    | PASS FAIL                                                                                                                                                                                          | WJH          |
| 650           | TARGET               | PASS FAIL                                                                                                                                                                                          | WJH          |
|               | MALFUNCTION          | CORRECTION                                                                                                                                                                                         |              |
|               | MALFUNCTION          | CORRECTION                                                                                                                                                                                         |              |
|               | MALFUNCTION          | CORRECTION                                                                                                                                                                                         |              |
|               | MALFUNCTION          | CORRECTION                                                                                                                                                                                         |              |
| 670           | FINAL INSPECTION     | 6-8-06                                                                                                                                                                                             | AC           |
|               | A) HEADSPACE         | PASS FAIL                                                                                                                                                                                          | AC           |
|               | B) TRIGGER PULL      | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           +/- .5 LBS<br/>           MIN 2.50 LBS<br/>           MAX 4.0 LBS         </div><br>2.60 2.66 2.71 2.69 2.71 | 6-8-06<br>DA |
| 680           | F) SAFETY ON FORCE   | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           2 LBS MIN<br/>           10 LBS MAX         </div><br>5.5 5.2 5.3                                            | 6-8-06<br>DA |
|               | G) SAFETY OFF FORCE  | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           2 LBS<br/>           MIN         </div><br>2.5 2.5 2.2                                                       | 6-8-06<br>DA |
|               | I) FIRING PIN INDENT | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           .020         </div><br>.021 .021 .022                                                                        | 6-8-06<br>DA |
| 690           | PACK                 |                                                                                                                                                                                                    | 6-9-06<br>DA |

**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: **RE00047889** Serial: **C6225095** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman:  Status: **Closed 6/11/02 7:29:28 AM**

Verify Repair

**Address Information**

Customer: ☒ Received From Return To: ☐ Received From

Name: **COMMANDER** **COMMANDER**

Address 1: **HSC 2/7 SFG A** **HSC 2/7 SFG A**

Address 2:  PO Box:   PO Box:

City: **FORT BRAGG** **FORT BRAGG**

State: **NC** Zip Code: **28310** Country: **US** State: **NC** Zip Code: **28310** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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

**Contact Information**

Phone:

Fax:

Email:

Comments:

**Received Condition**

Condition: **Poor**

Condition Notes:

CSR Notes:

**Accessories Received**

| Code | Desc       | Qty |
|------|------------|-----|
| A007 | With Stud  | 3   |
| A010 | Hard Case  | 1   |
| A017 | Scope Base | 1   |
| X    | SGT BASES  | 2   |

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

magletr 6/11/02 7:33 AM CAPS NUM WS SCFL

Start Inbox Score Google Arms Part S RAC1 7:33 AM

Serial Number: **C6225095**

Model: **700**



**RE00047889**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225095.\_\_\_0

FILE DATE AND TIME: 06/28/2002 13:53

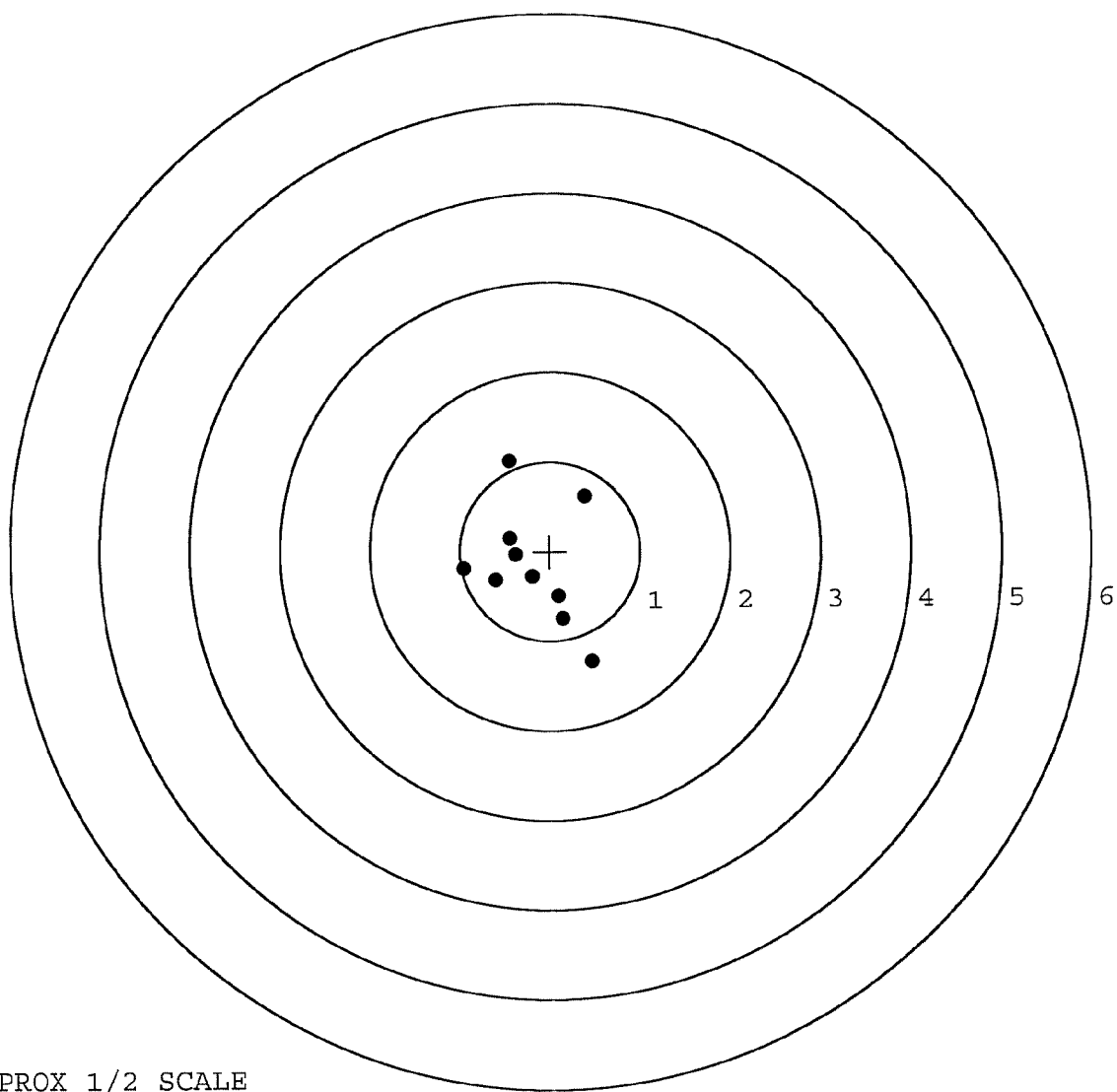
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.059 |
| The Average Y Centroid of the Five Target Set:              | -0.105 |
| The Average Point of Impact of the Five Target Set:         | 0.121  |
| The Average Mean Radius of the Five Target Set:             | 0.622  |
| The Distance from POA to Centroid Target #1:                | 0.248  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.277  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.125  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.244  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.156  |

SERIAL NUMBER: C6225095. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 06/28/2002  
FILE TIME: 13:53

X CENTROID: -0.192  
Y CENTROID: -0.157  
POA TO CENTROID: 0.248  
HORZ SPREAD: 1.420  
VERT SPREAD: 2.243  
GROUP SPREAD: 2.419  
MIN RADIUS: 0.129  
MAX RADIUS: 1.263  
MEAN RADIUS: 0.652  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.465  | -1.236 |
| 2:     | 0.393  | 0.614  |
| 3:     | -0.441 | 1.007  |
| 4:     | -0.441 | 0.153  |
| 5:     | -0.955 | -0.198 |
| 6:     | -0.604 | -0.326 |
| 7:     | -0.385 | -0.037 |
| 8:     | -0.194 | -0.286 |
| 9:     | 0.097  | -0.500 |
| 10:    | 0.143  | -0.760 |

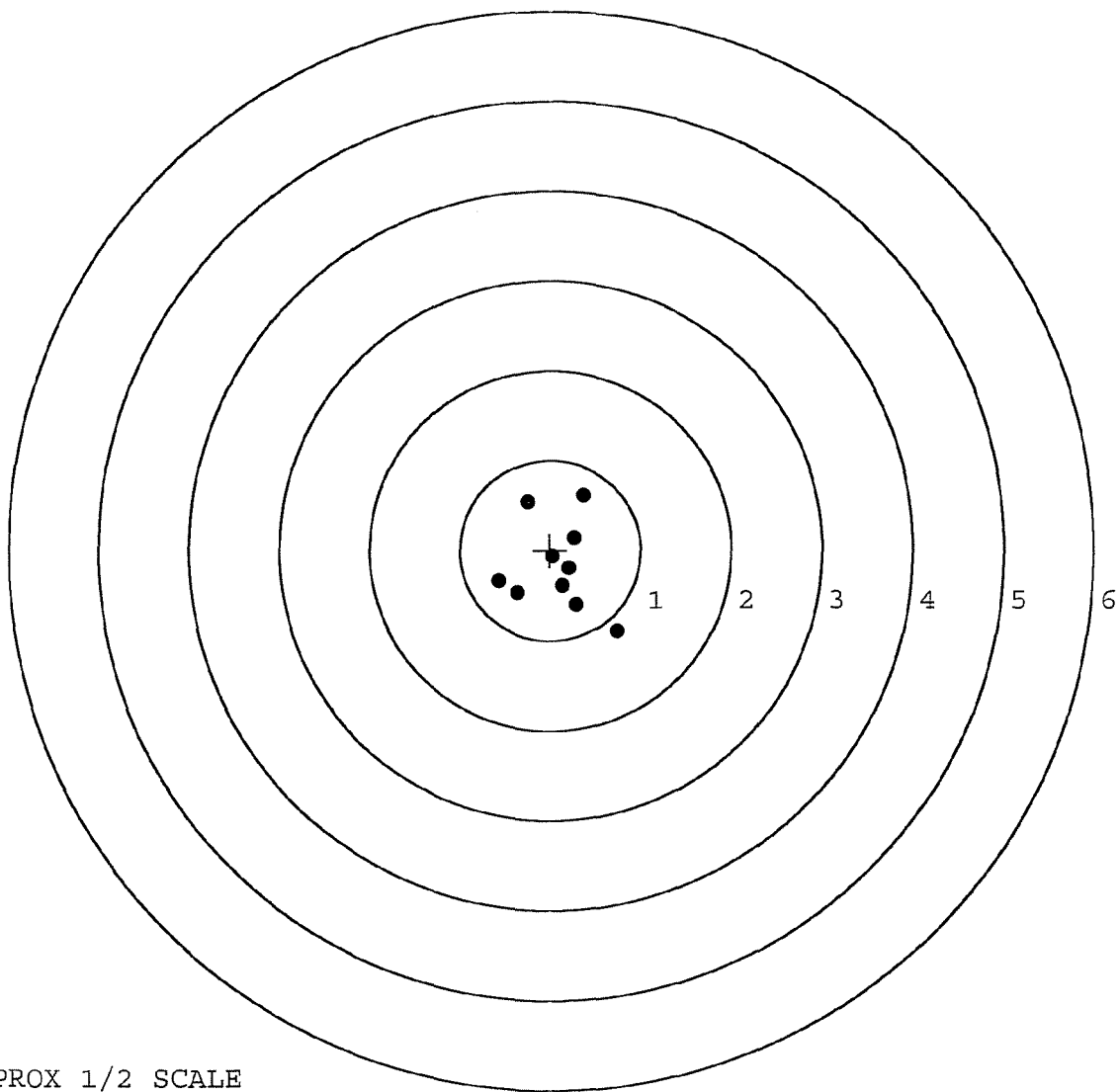


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225095. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 06/28/2002  
FILE TIME: 13:53

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.738  | -0.899 |
| 2:     | 0.367  | 0.607  |
| 3:     | -0.248 | 0.536  |
| 4:     | -0.573 | -0.351 |
| 5:     | -0.363 | -0.476 |
| 6:     | 0.290  | -0.610 |
| 7:     | 0.137  | -0.398 |
| 8:     | 0.208  | -0.202 |
| 9:     | 0.027  | -0.067 |
| 10:    | 0.265  | 0.137  |

X CENTROID: 0.085  
Y CENTROID: -0.172  
POA TO CENTROID: 0.192  
HORZ SPREAD: 1.311  
VERT SPREAD: 1.506  
GROUP SPREAD: 1.741  
MIN RADIUS: 0.120  
MAX RADIUS: 0.977  
MEAN RADIUS: 0.513  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10

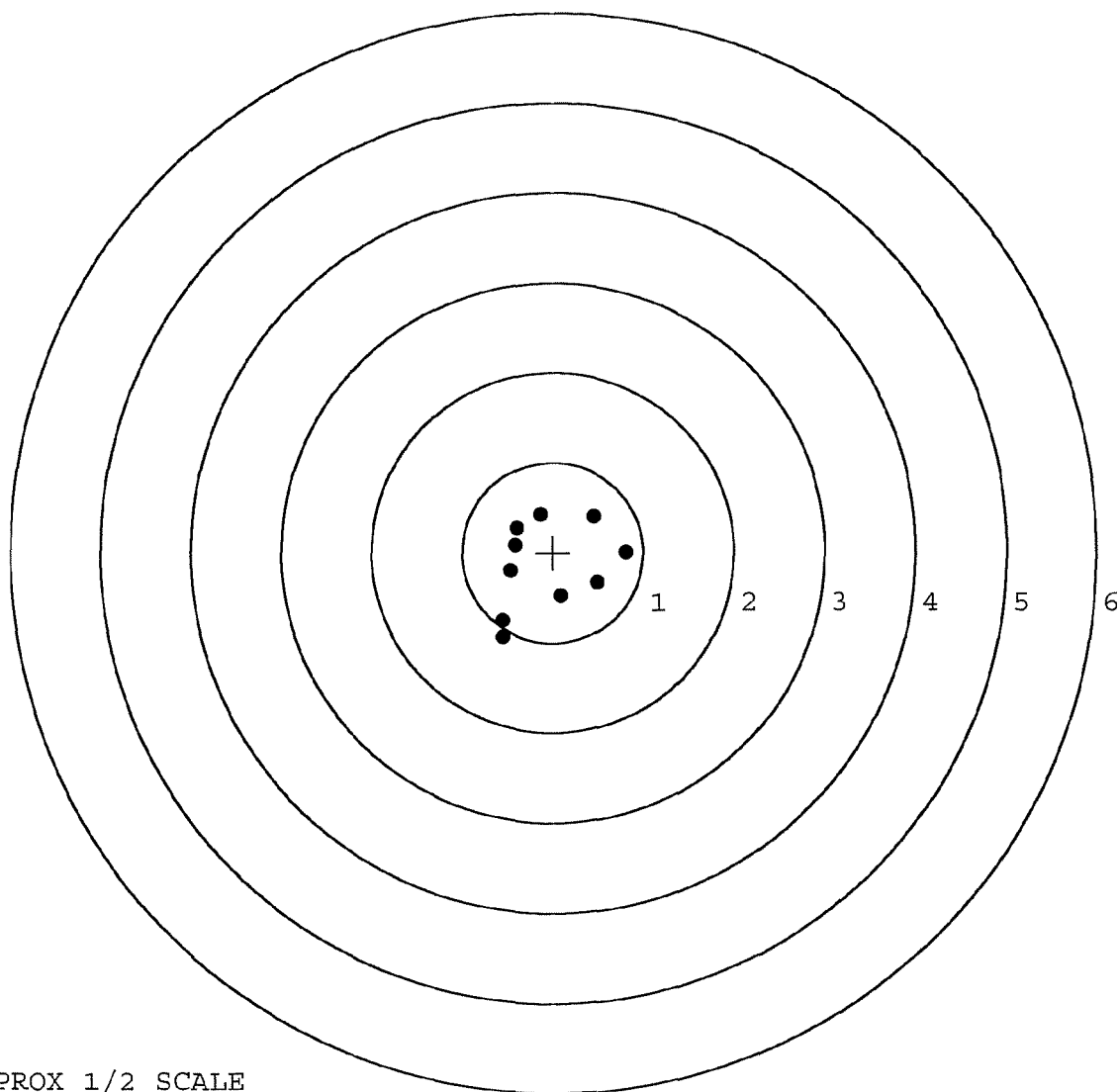


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225095. 0  
TARGET NUMBER: 3  
FILE DATE: 06/28/2002  
FILE TIME: 13:53

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.548 | -0.942 |
| 2:     | -0.554 | -0.764 |
| 3:     | 0.088  | -0.486 |
| 4:     | 0.494  | -0.329 |
| 5:     | 0.808  | 0.002  |
| 6:     | 0.457  | 0.399  |
| 7:     | -0.136 | 0.421  |
| 8:     | -0.398 | 0.270  |
| 9:     | -0.418 | 0.086  |
| 10:    | -0.466 | -0.213 |

X CENTROID: -0.067  
Y CENTROID: -0.156  
POA TO CENTROID: 0.170  
HORZ SPREAD: 1.362  
VERT SPREAD: 1.363  
GROUP SPREAD: 1.676  
MIN RADIUS: 0.365  
MAX RADIUS: 0.922  
MEAN RADIUS: 0.625  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10

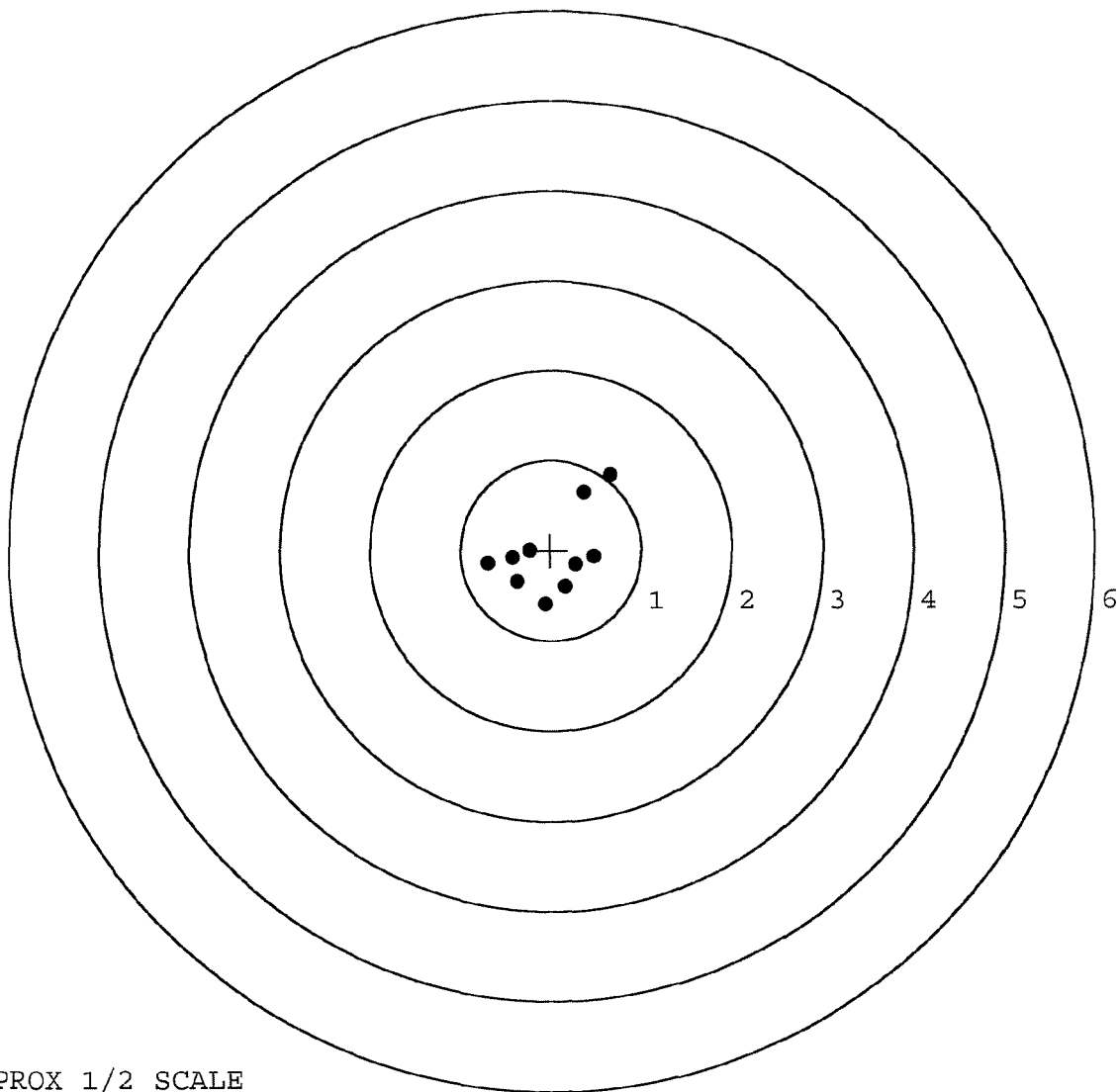


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225095. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 06/28/2002  
FILE TIME: 13:53

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.655  | 0.844  |
| 2:     | 0.361  | 0.652  |
| 3:     | -0.229 | -0.001 |
| 4:     | -0.695 | -0.145 |
| 5:     | -0.425 | -0.083 |
| 6:     | -0.367 | -0.349 |
| 7:     | -0.062 | -0.603 |
| 8:     | 0.164  | -0.401 |
| 9:     | 0.276  | -0.147 |
| 10:    | 0.479  | -0.062 |

X CENTROID: 0.016  
Y CENTROID: -0.029  
POA TO CENTROID: 0.033  
HORZ SPREAD: 1.350  
VERT SPREAD: 1.447  
GROUP SPREAD: 1.674  
MIN RADIUS: 0.246  
MAX RADIUS: 1.082  
MEAN RADIUS: 0.548  
# IN 1 IN DIAMETER: 6  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

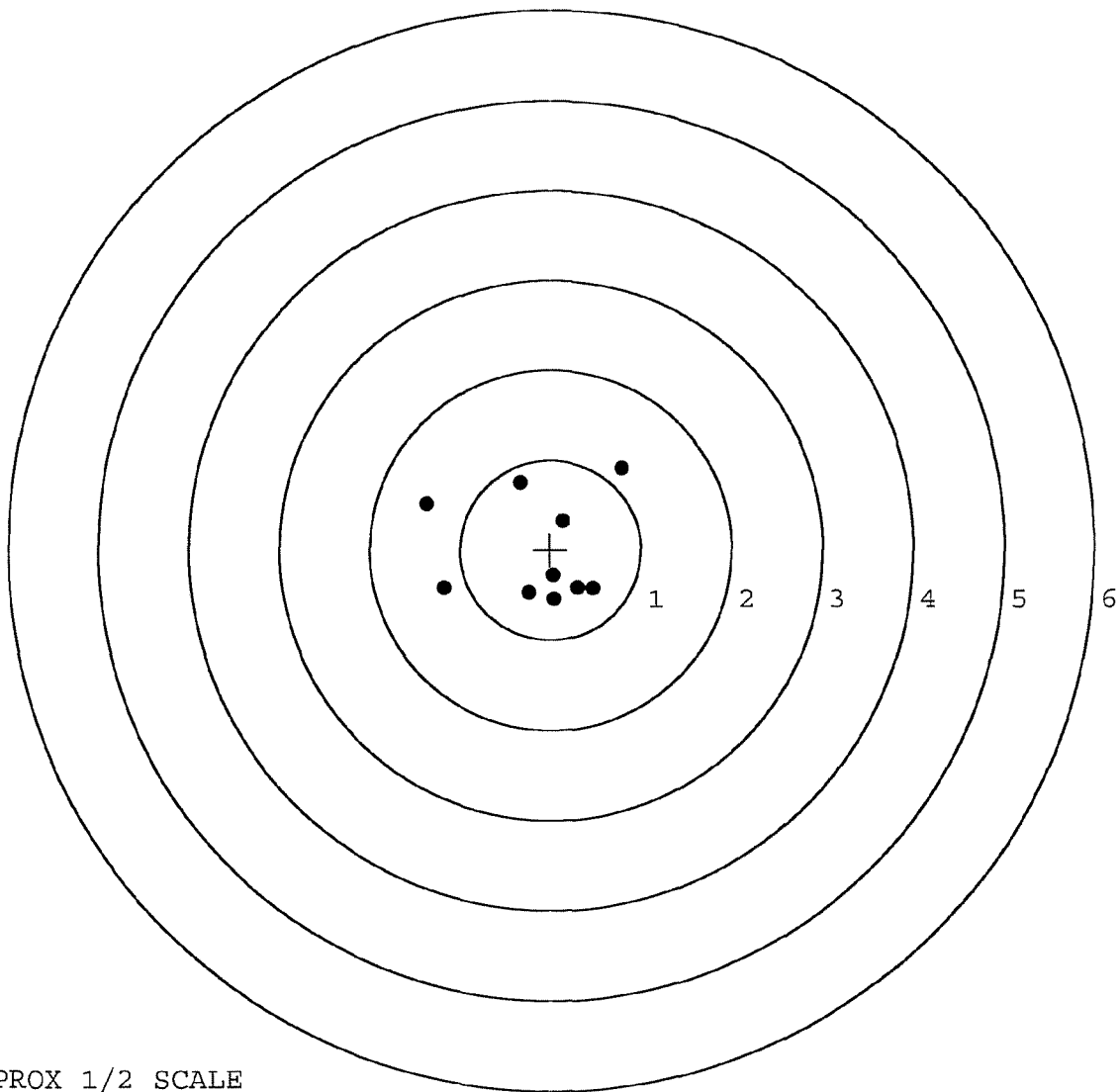


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225095. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 06/28/2002  
FILE TIME: 13:53

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.470  | -0.432 |
| 2:     | 0.134  | 0.324  |
| 3:     | 0.792  | 0.908  |
| 4:     | -0.331 | 0.748  |
| 5:     | -1.368 | 0.512  |
| 6:     | -1.178 | -0.436 |
| 7:     | -0.238 | -0.484 |
| 8:     | 0.040  | -0.555 |
| 9:     | 0.038  | -0.288 |
| 10:    | 0.301  | -0.421 |

X CENTROID: -0.134  
Y CENTROID: -0.012  
POA TO CENTROID: 0.135  
HORZ SPREAD: 2.160  
VERT SPREAD: 1.463  
GROUP SPREAD: 2.196  
MIN RADIUS: 0.325  
MAX RADIUS: 1.341  
MEAN RADIUS: 0.770  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

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

SERIAL NO. \_\_\_\_\_

DATE 6-26-02

TESTER TRW

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-------|------------------------------------------------------------------------|
| PULL #1 | 2.47             | 2.68                     |                                | 2.25  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.52             | 2.68                     |                                | 2.22  |                                                                        |
| PULL #3 | 2.56             | 2.76                     |                                | 2.26  |                                                                        |
| PULL #4 | 2.46             | 2.73                     |                                | 2.18  |                                                                        |
| PULL #5 | 2.58             | 2.71                     |                                | 2.05  |                                                                        |
| TOTAL   | 12.59            | 13.56                    |                                | 10.96 |                                                                        |
| AVG.    | 2.51             | 2.71                     |                                | 2.19  |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.12             | 3.29                     |  |          |
| PULL #2 | 3.31             | 3.33                     |  |          |
| PULL #3 | 3.34             | 3.38                     |  |          |
| PULL #4 | 3.38             | 3.42                     |  |          |
| PULL #5 | 3.32             | 3.30                     |  |          |
| TOTAL   | 16.47            | 16.72                    |  |          |
| AVG.    | 3.29             | 3.34                     |  |          |

|         | 4.00#<br>INITIAL | 4.00# AFTER<br>20 CYCLES | MAX SETTING<br>GREATER THAN 4# | RESET TO 4# FOR<br>TARGET & ACCURAC |
|---------|------------------|--------------------------|--------------------------------|-------------------------------------|
| PULL #1 | 4.18             | 4.19                     |                                | 4.14                                |
| PULL #2 | 4.28             | 4.15                     |                                | 4.22                                |
| PULL #3 | 4.30             | 3.91                     |                                | 4.19                                |
| PULL #4 | 4.33             | 4.25                     |                                | 4.20                                |
| PULL #5 | 4.30             | 4.21                     |                                | 4.17                                |
| TOTAL   | 21.39            | 20.71                    |                                | 20.92                               |
| AVG.    | 4.27             | 4.14                     |                                | 4.18                                |

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

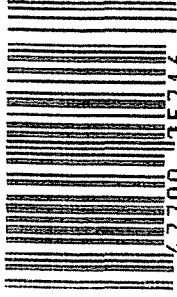
R &amp; E NUMBER 47889

SERIAL NUMBER C6225095

LOG-IN DATE 6/14/02

| INSPECT AND VERIFY: |                          |                     |         |
|---------------------|--------------------------|---------------------|---------|
| OPERATION #         | OPERATION NAME           | DATE                | INITIAL |
| 550                 | DIS-ASSEMBLE GUN         | 6/14/02             | PL      |
| 560 A               | RE-BARREL AT CUSTOM SHOP | 6/17/02             | BWT     |
| B                   | DRILL AND TAP            | 6/17/02             | BWT     |
| C                   | POLISH                   |                     |         |
| 575                 | ASSEMBLE                 | 6/17/02             | PL      |
| 600                 | PROOF                    | 6/17/02             | RW      |
| 605                 | CHECK HEADSPACE          | 6/17/02             | RW      |
| 610                 | DIS-ASSEMBLE GUN         | 6/17/02             | RW      |
| 612                 | MAGNAFLUX OPERATOR DRD   |                     |         |
| 615                 | ROLLMARK CALIBER         | 6/17/02             | RW      |
| 618                 | ROTO-BLAST               | 6/19/02             | RD      |
| 620                 | APPLY COATINGS           | 6-24                | TA      |
| 625 A               | FINAL ASSEMBLY           | 6/26/02             | PL      |
| B                   | TRIGGER PULL TEST        | 6/28/02             | PL      |
| C                   | SAFETY "ON" FORCE        | 6/28/02             | PL      |
| D                   | SAFETY "OFF" FORCE       | 6/28/02             | PL      |
| E                   | FIRING PIN INDENT        |                     |         |
| 640                 | TARGET                   | 6-27-02             | TRW     |
| 655                 | FINAL INSPECT            | 6/28/02             | PL      |
| 660                 | PACK                     | 6/28/02             | DA      |
|                     |                          | SHIP DATE           |         |
|                     |                          | QAR INSPECTION DATE |         |

|                                                                                                                                                         |  |                                                                                                              |                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------|---------------------------------|
| <b>Remington®</b><br><br><small>REG. U.S. PAT. &amp; TM. OFF.</small> |  | <small>VERY IMPORTANT:<br/>Instruction Book<br/>enclosed to assure<br/>safe use of this<br/>firearm.</small> |                                 |
| <b>MODEL 700™ H24</b>                                                                                                                                   |  | <b>SERIAL NO.</b><br>C6225095                                                                                | <b>ORDER NO.</b><br><b>5715</b> |
| <small>MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. &amp; Tm. Off. Marca Registrada Marque Deposee.</small>                                                |  | <br>5715 C6225095        |                                 |

  
 0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225095

| OP. #     | OP. NAME                                                 | INTERCHANGEABILITY | READINGS | DATE     | INIT |
|-----------|----------------------------------------------------------|--------------------|----------|----------|------|
| 575 & 580 | Assemble Action and Stock                                |                    | 12 9     | 88       | RW   |
| 600       | Proof                                                    |                    | 12 9     | 88       | RW   |
| 607       | Check Headspace                                          | QUALITY            | 12 9     | 88       | RW   |
| 610       | Dis-assemble Gun                                         | AUDIT              | 12 9     | 88       | RW   |
| 612       | Magnaflux Barrel Action                                  |                    |          | 12-22-88 | Ph.  |
|           | Magnaflux Bolt                                           |                    |          | 1-3-89   | Ph.  |
| 615       | Rollmark Caliber                                         | INTERCHANGEABILITY |          | 12/2/88  | MDC. |
| 617       | Drill and Tap Sight Holes                                |                    | 1 3      | 89       | FB   |
| 618       | Polish Barrel                                            |                    | 12 2     | 88       | WJT  |
| 620       | Apply Coatings (Barrel Action)                           |                    |          | 1-16-89  | JA   |
|           | Apply Coating (Bolt)                                     |                    |          |          |      |
| 625       | Final Assembly                                           |                    |          |          |      |
|           | A) Clean inside of Bolt Assembly                         |                    |          | 2/9/89   | RW   |
|           | B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head |                    |          | 2/9/89   | RW   |
|           | C) Inspect Ejector Hole for Chamfer                      |                    |          | 2/9/89   | RW   |
|           | D) Oil Firing Pin Ass'y                                  |                    |          | 2/9/89   | RW   |
|           | E) Adjust Trigger Pull to Min Setting and Stake          |                    |          | 10/26/89 | JS   |

| op. #        | OP. NAME                                                    | READINGS  |      |      |      |      | DATE     | INIT |
|--------------|-------------------------------------------------------------|-----------|------|------|------|------|----------|------|
| 625<br>cont. | F) Safety On Force                                          | 5         | 5    | 5    |      |      | 17/26/89 | JS   |
|              | G) Safety Off Force                                         | 3         | 3    | 3    |      |      | 17/26/89 | JS   |
|              | H) Trigger Pull Test & Retainability                        |           |      |      |      |      | 10/26/89 | JS   |
|              | I) Firing Pin Indent                                        | .021      | .021 | .022 |      |      | 17/26/89 | JS   |
|              | J) Assemble Stock                                           |           |      |      |      |      | 2/23/89  | RW   |
|              | K) Assemble Swivel Studs                                    |           |      |      |      |      | 24/26/89 | JS   |
|              | L) Attach Front and Rear Sight Assemblies                   |           |      |      |      |      | 2/23/89  | RW   |
|              | M) Iron Sight Alignment                                     |           |      |      |      |      | 2/23/89  | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |           |      |      |      |      | 2/23/89  | RW   |
|              | O) Attach Scope to Rifle                                    |           |      |      |      |      | 23/26/89 | JS   |
|              | P) Detach & Attach Scope 20 Times                           |           |      |      |      |      | 23/26/89 | JS   |
| 640          | Gallery Target & Test                                       | 56 R 87 L |      |      |      |      | 2/24/89  | DH   |
|              | A) Time                                                     |           |      |      |      | OK   | 11       | DH   |
|              | B) Malfunctions                                             |           |      |      |      | OK   | 11       | DH   |
|              | C) Pierced Primers                                          |           |      |      |      | OK   | 11       | DH   |
|              | D) Optical Clarity of Scope                                 |           |      |      |      |      | 2/24/89  | DH   |
| 645          | Inspect for Live Ammo                                       |           |      |      |      |      | 2/24/89  | DH   |
| 655          | Final Inspection                                            |           |      |      |      |      |          |      |
|              | A) Headspace                                                |           |      |      |      |      | 24/26/89 | JS   |
|              | B) Trigger Pull                                             | 2.45      | 2.59 | 2.35 | 2.55 | 2.53 | 24/26/89 | JS   |
|              | C) Function                                                 |           |      |      |      |      | 24/26/89 | JS   |
| 660          | Pack                                                        |           |      |      |      |      | 22/26/89 | JS   |

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

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

SERIAL NO. 5095

DATE 4-3-90

TESTER JEL

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------------------------------------------------------------------------|
| PULL #1 | 2.35             | 2.25                     | 2.36                           | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.31             | 2.33                     | 2.44                           |                                                                        |
| PULL #3 | 2.37             | 2.31                     | 2.40                           |                                                                        |
| PULL #4 | 2.36             | 2.32                     | 2.45                           |                                                                        |
| PULL #5 | 2.38             | 2.39                     | 2.52                           |                                                                        |
| TOTAL   | 11.77            | 11.60                    | 12.17                          |                                                                        |
| AVG.    | 2.354            | 2.32                     | 2.434                          |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES | COMMENTS |
|---------|------------------|--------------------------|----------|
| PULL #1 | 3.37             | 3.45                     |          |
| PULL #2 | 3.40             | 3.49                     |          |
| PULL #3 | 3.11             | 3.54                     |          |
| PULL #4 | 3.27             | 3.53                     |          |
| PULL #5 | 3.15             | 3.51                     |          |
| TOTAL   | 16.30            | 17.52                    |          |
| AVG.    | 3.26             | 3.504                    |          |

|         | 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 | 4.50             | 4.45                     |                                |                                      |
| PULL #2 | 4.50             | 4.41                     |                                |                                      |
| PULL #3 | 4.30             | 4.42                     |                                |                                      |
| PULL #4 | 4.38             | 4.40                     |                                |                                      |
| PULL #5 | 4.46             | 4.43                     |                                |                                      |
| TOTAL   | 22.14            | 22.11                    |                                |                                      |
| AVG.    | 4.428            | 4.422                    |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6225095  
24 Feb 1989

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .333209 |
| 1 TO | 2 | .27751  |
| 1 TO | 3 | .288111 |
| 1 TO | 4 | .604013 |
| 1 TO | 5 | .288917 |

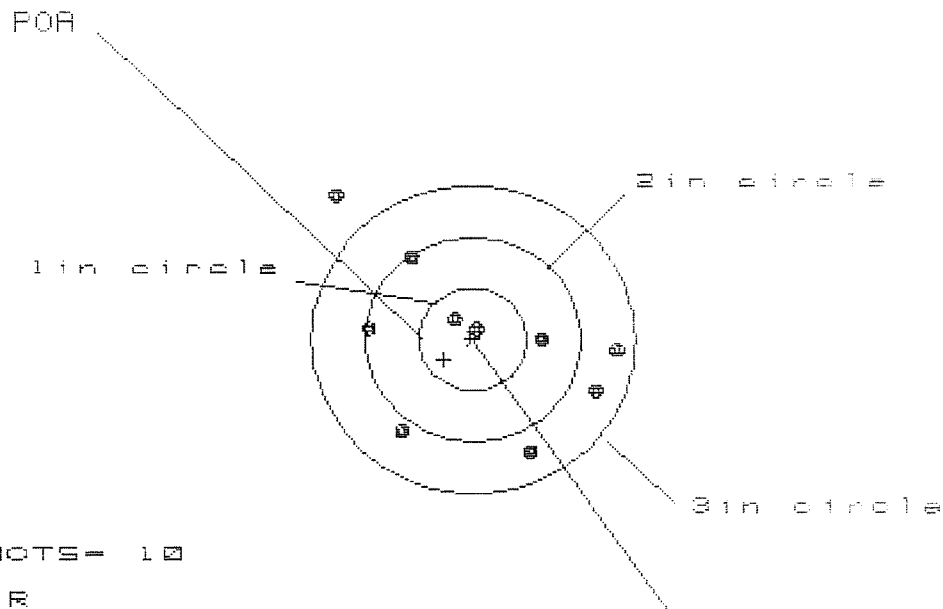
4 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3456  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.013  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .345844  
THE AMR FOR THIS RIFLE IS: .8754

24 Feb 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C6225095

# CENTERFIRE PATTERNS # 1



# OF SHOTS = 10

# IN CIR

1 in = 2

2 in = 4

3 in = 9

HS = 2.546

VS = 2.412

GS = 3.039

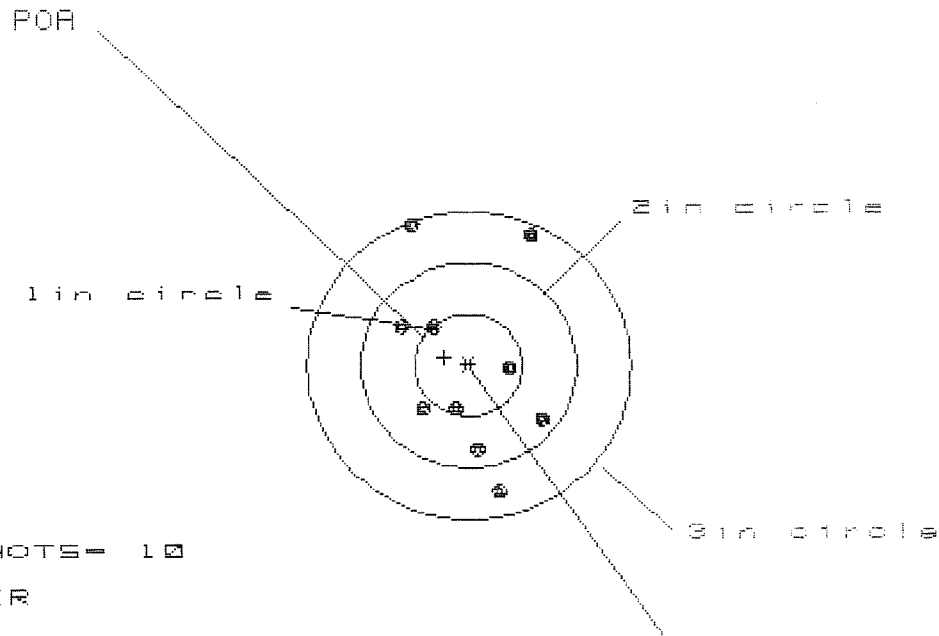
CENTROID #

| PATTERN #                     | 1      | 2      | 3     |
|-------------------------------|--------|--------|-------|
| SHOTS (BEST OF)               | 10     | 9      | 8     |
| MAXIMUM X                     | 1.319  | 1.182  | 1.173 |
| MINIMUM X                     | -1.228 | -1.115 | -.967 |
| MAXIMUM Y                     | 1.361  | .947   | .958  |
| MINIMUM Y                     | -1.051 | -.900  | -.889 |
| CENTROID X                    | .268   | .404   | .256  |
| CENTROID Y                    | .198   | .047   | .036  |
| POA TO CENTROID in.           | .333   | .407   | .259  |
| MIN RADIUS                    | .109   | .275   | .269  |
| MEAN RADIUS                   | .976   | .889   | .843  |
| MAX RADIUS                    | 1.833  | 1.208  | 1.226 |
| HORIZONTAL SPREAD             | 2.546  | 2.297  | 2.140 |
| VERTICAL SPREAD               | 2.412  | 1.847  | 1.847 |
| EXTREME SPREAD                | 3.039  | 2.305  | 2.234 |
| NUMBER IN ONE INCH CIRCLE =   | 2      |        |       |
| NUMBER IN TWO INCH CIRCLE =   | 4      |        |       |
| NUMBER IN THREE INCH CIRCLE = | 9      |        |       |

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FILE:/PATTERNING/CENTERFIRE\_PATT/08225085

# CENTERFIRE PATTERNS # 2



# OF SHOTS = 10

# IN CIR

1in = 2

2in = 7

3in = 10

HS = 1.300

VS = 2.590

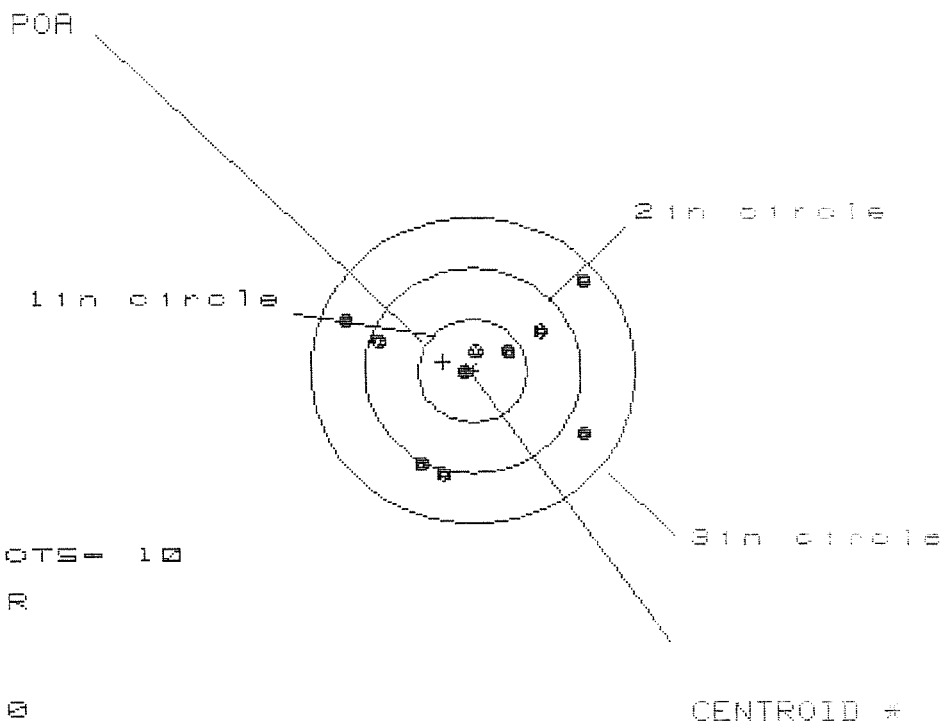
GS = 2.693

| PATTERN #                   | : | 2      |        |       |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | .668   | .614   | .674  |
| MINIMUM X                   | : | -.632  | -.686  | -.626 |
| MAXIMUM Y                   | : | 1.384  | 1.477  | .757  |
| MINIMUM Y                   | : | -1.206 | -1.052 | -.867 |
| CENTROID X                  | : | .224   | .278   | .218  |
| CENTROID Y                  | : | -.076  | -.230  | -.415 |
| POA TO CENTROID in.         | : | .236   | .361   | .468  |
| MIN RADIUS                  | : | .413   | .363   | .186  |
| MEAN RADIUS                 | : | .863   | .769   | .634  |
| MAX RADIUS                  | : | 1.467  | 1.552  | .972  |
| HORIZONTAL SPREAD           | : | 1.300  | 1.300  | 1.300 |
| VERTICAL SPREAD             | : | 2.590  | 2.529  | 1.624 |
| EXTREME SPREAD              | : | 2.693  | 2.544  | 1.838 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |       |

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FILE:/PATTERNING/CENTERFIRE\_PATT/C8225085

# CENTERFIRE PATTERNS # 3



# OF SHOTS= 10

# IN CIR

1in = 3

2in = 5

3in = 10

HS= 2.212

VS= 1.920

GS= 2.415

| PATTERN #                   | : | 3      |        |       |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.042  | 1.093  | .962  |
| MINIMUM X                   | : | -1.170 | -1.055 | -.935 |
| MAXIMUM Y                   | : | .907   | .637   | .582  |
| MINIMUM Y                   | : | -1.013 | -.912  | -.832 |
| CENTROID X                  | : | .276   | .161   | .293  |
| CENTROID Y                  | : | -.090  | -.191  | -.271 |
| POR TO CENTROID in.         | : | .291   | .250   | .398  |
| MIN RADIUS                  | : | .077   | .083   | .173  |
| MEAN RADIUS                 | : | .818   | .768   | .710  |
| MAX RADIUS                  | : | 1.381  | 1.232  | 1.059 |
| HORIZONTAL SPREAD           | : | 2.212  | 2.148  | 1.897 |
| VERTICAL SPREAD             | : | 1.920  | 1.549  | 1.414 |
| EXTREME SPREAD              | : | 2.415  | 2.415  | 2.092 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |       |

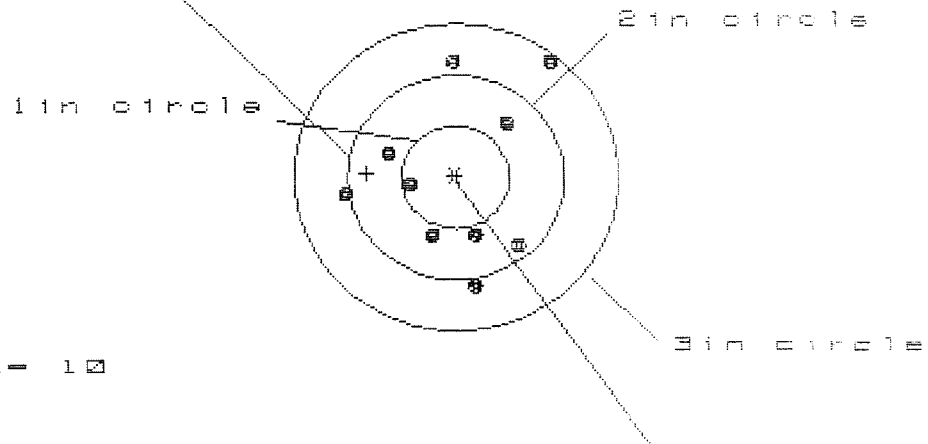
24 Feb 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C6225085

# CENTERFIRE PATTERNS

# 4

POA



# OF SHOTS - 10

# IN CIR

1in = 1

2in = 6

3in = 10

HS = 1.921

VS = 2.243

GS = 2.285

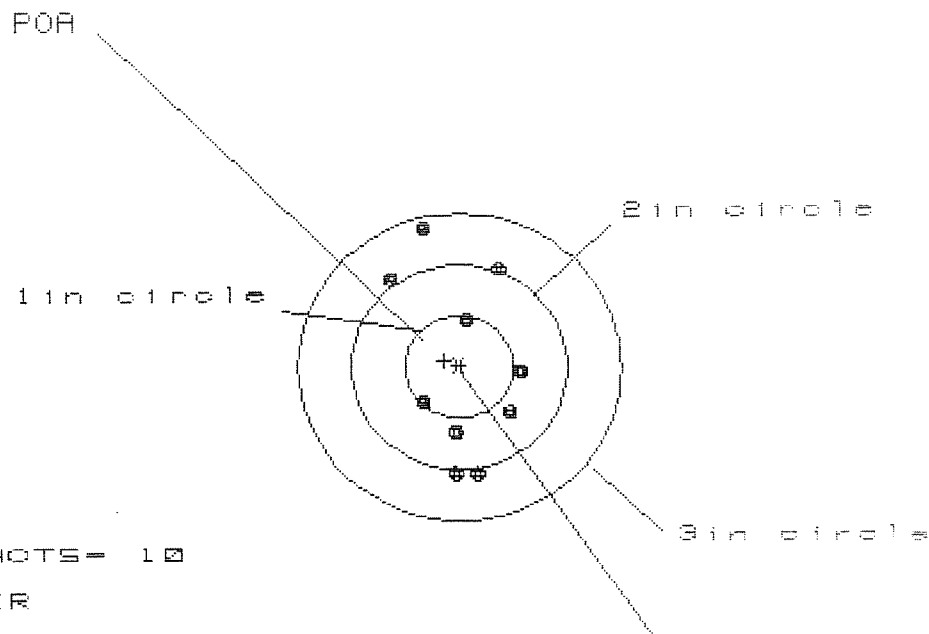
CENTROID \*

| PATTERN #                   | : | 4      |       |       |
|-----------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | .852   | .692  | .794  |
| MINIMUM X                   | : | -1.069 | -.974 | -.962 |
| MAXIMUM Y                   | : | 1.177  | 1.300 | .782  |
| MINIMUM Y                   | : | -1.066 | -.943 | -.780 |
| CENTROID X                  | : | .824   | .729  | .717  |
| CENTROID Y                  | : | -.038  | -.161 | -.324 |
| POA TO CENTROID in.         | : | .824   | .747  | .787  |
| MIN RADIUS                  | : | .376   | .296  | .306  |
| MEAN RADIUS                 | : | .856   | .767  | .674  |
| MAX RADIUS                  | : | 1.398  | 1.304 | .975  |
| HORIZONTAL SPREAD           | : | 1.921  | 1.666 | 1.666 |
| VERTICAL SPREAD             | : | 2.243  | 2.243 | 1.562 |
| EXTREME SPREAD              | : | 2.285  | 2.251 | 1.758 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10    |       |

24 Feb 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C6225085

# CENTERFIRE PATTERNS # 5



# OF SHOTS = 10

# IN CIR

1 in = 1

2 in = 5

3 in = 10

HS = 1.246

VS = 2.439

GS = 2.492

CENTROID #

| PATTERN #                     | 5      | 9     | 8      |
|-------------------------------|--------|-------|--------|
| SHOTS (BEST OF)               | 10     | 9     | 8      |
| MAXIMUM X                     | .610   | .567  | .578   |
| MINIMUM X                     | -.636  | -.679 | -.668  |
| MAXIMUM Y                     | 1.356  | 1.146 | 1.030  |
| MINIMUM Y                     | -1.083 | -.933 | -1.025 |
| CENTROID X                    | .136   | .179  | .168   |
| CENTROID Y                    | -.059  | -.209 | -.093  |
| POA TO CENTROID in.           | .148   | .275  | .192   |
| MIN RADIUS                    | .493   | .469  | .527   |
| MEAN RADIUS                   | .864   | .776  | .763   |
| MAX RADIUS                    | 1.409  | 1.235 | 1.133  |
| HORIZONTAL SPREAD             | 1.246  | 1.246 | 1.246  |
| VERTICAL SPREAD               | 2.439  | 2.079 | 2.055  |
| EXTREME SPREAD                | 2.492  | 2.108 | 2.102  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |       |        |
| NUMBER IN TWO INCH CIRCLE =   | 5      |       |        |
| NUMBER IN THREE INCH CIRCLE = | 10     |       |        |

# INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6225095  
20 Mar 1989

## CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .430471 |
| 1 TO | 2 | .261237 |
| 1 TO | 3 | .37648  |
| 1 TO | 4 | .243132 |
| 1 TO | 5 | .232998 |

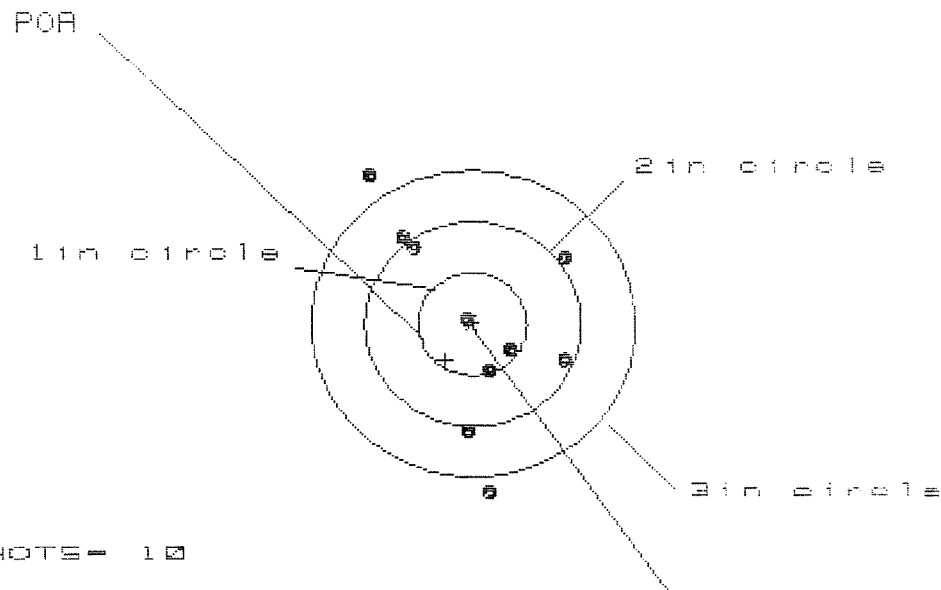
$\bar{x} = .2954$   
+9 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2954  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2694  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .399797  
THE AMR FOR THIS RIFLE IS: .8736

28 Mar 1969

FILE:/PATTERNING/CENTERFIRE\_PATT/06225095

# CENTERFIRE PATTERNS # 1



# OF SHOTS = 10

# IN CIR

1in = 2

2in = 5

3in = 3

HS = 1.772

VS = 3.140

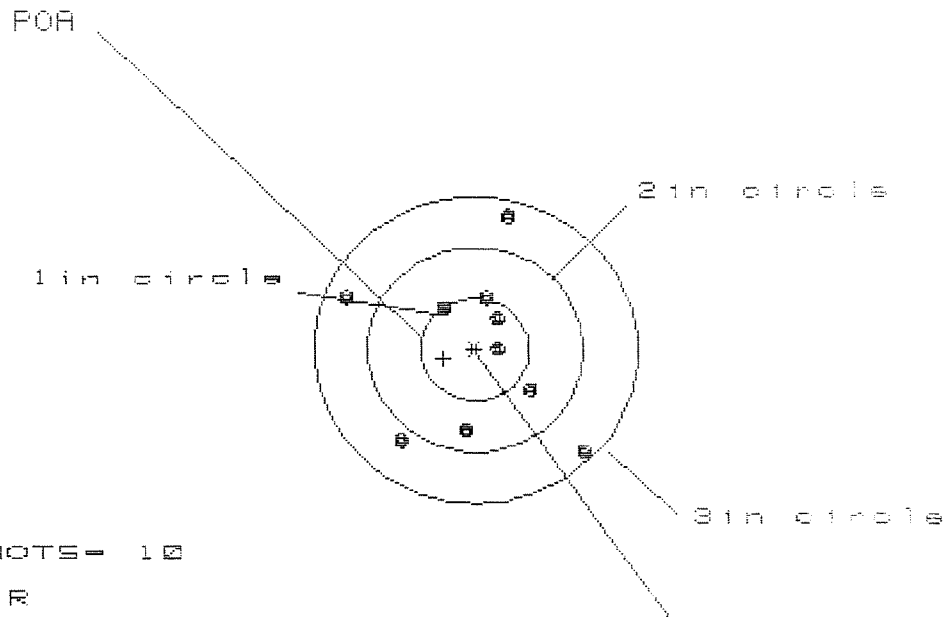
GS = 3.336

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | .812   | .705   | .713   |
| MINIMUM X                     | -.960  | -.808  | -.800  |
| MAXIMUM Y                     | 1.487  | 1.045  | .859   |
| MINIMUM Y                     | -1.653 | -1.488 | -1.055 |
| CENTROID X                    | .252   | .359   | .351   |
| CENTROID Y                    | .349   | .184   | .370   |
| POA TO CENTROID in.           | .431   | .403   | .510   |
| MIN RADIUS                    | .063   | .238   | .164   |
| MEAN RADIUS                   | .948   | .832   | .756   |
| MAX RADIUS                    | 1.770  | 1.489  | 1.174  |
| HORIZONTAL SPREAD             | 1.772  | 1.513  | 1.513  |
| VERTICAL SPREAD               | 3.140  | 2.533  | 1.914  |
| EXTREME SPREAD                | 3.336  | 2.678  | 2.022  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 5      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 8      |        |        |

20 Mar 1999

FILE:/PATTERNING/CENTERFIRE\_PATT/C6225095

# CENTERFIRE PATTERNS # 2



# OF SHOTS = 10

# IN CIR

1 in = 2

2 in = 6

3 in = 10

HS = 2.194

VS = 2.252

GS = 2.648

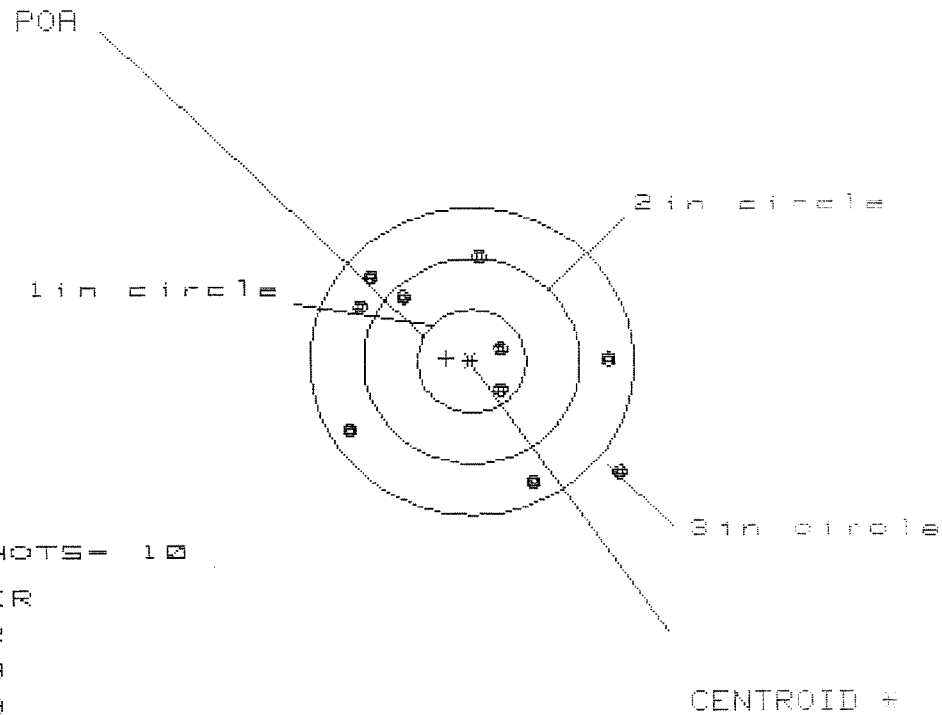
CENTROID \*

| PATTERN #                   | : | 2      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.007  | .589   | .637   |
| MINIMUM X                   | : | -1.187 | -1.076 | -1.028 |
| MAXIMUM Y                   | : | 1.287  | 1.180  | .559   |
| MINIMUM Y                   | : | -.965  | -.966  | -.818  |
| CENTROID X                  | : | .293   | .182   | .134   |
| CENTROID Y                  | : | .091   | .198   | .050   |
| POA TO CENTROID in.         | : | .307   | .269   | .143   |
| MIN RADIUS                  | : | .225   | .348   | .389   |
| MEAN RADIUS                 | : | .813   | .746   | .697   |
| MAX RADIUS                  | : | 1.394  | 1.241  | 1.170  |
| HORIZONTAL SPREAD           | : | 2.194  | 1.665  | 1.665  |
| VERTICAL SPREAD             | : | 2.252  | 2.146  | 1.377  |
| EXTREME SPREAD              | : | 2.648  | 2.360  | 1.918  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |        |

28 Mar 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/06225095

# CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 3

3 in = 5

HS= 2.491

VS= 2.193

GS= 2.922

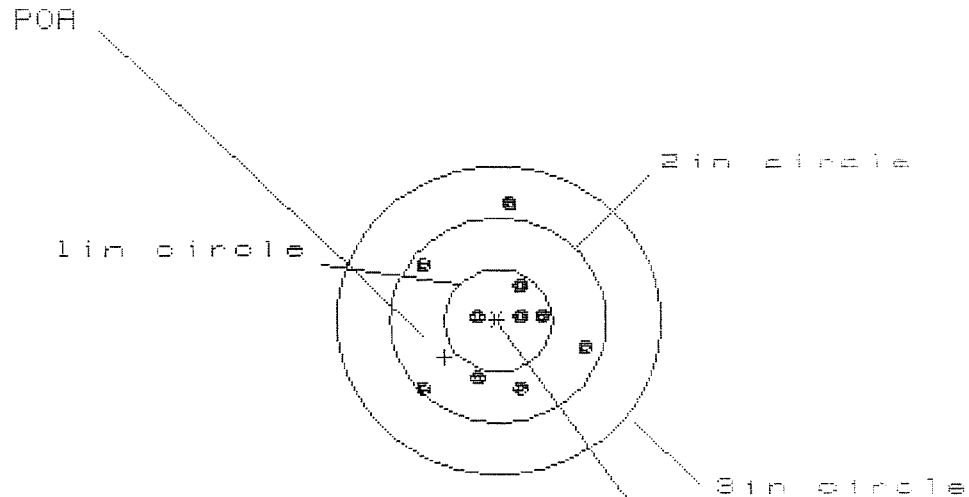
| PATTERN #                   | : | 3      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.345  | 1.413  | 1.289  |
| MINIMUM X                   | : | -1.146 | -.997  | -1.019 |
| MAXIMUM Y                   | : | 1.030  | .912   | .810   |
| MINIMUM Y                   | : | -1.163 | -1.281 | -1.382 |
| CENTROID X                  | : | .233   | .084   | .208   |
| CENTROID Y                  | : | -.027  | .091   | .193   |
| POA TO CENTROID in.         | : | .235   | .123   | .284   |
| MIN RADIUS                  | : | .283   | .392   | .275   |
| MEAN RADIUS                 | : | 1.061  | .979   | .919   |
| MAX RADIUS                  | : | 1.710  | 1.469  | 1.505  |
| HORIZONTAL SPREAD           | : | 2.491  | 2.410  | 2.308  |
| VERTICAL SPREAD             | : | 2.193  | 2.193  | 2.193  |
| EXTREME SPREAD              | : | 2.922  | 2.516  | 2.464  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 3      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

28 Mar 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225095

# CENTERFIRE PATTERNS

# 4



# OF SHOTS - 10

# IN CIR

1 in = 4

2 in = 9

3 in = 10

HS = 1.519

VS = 1.871

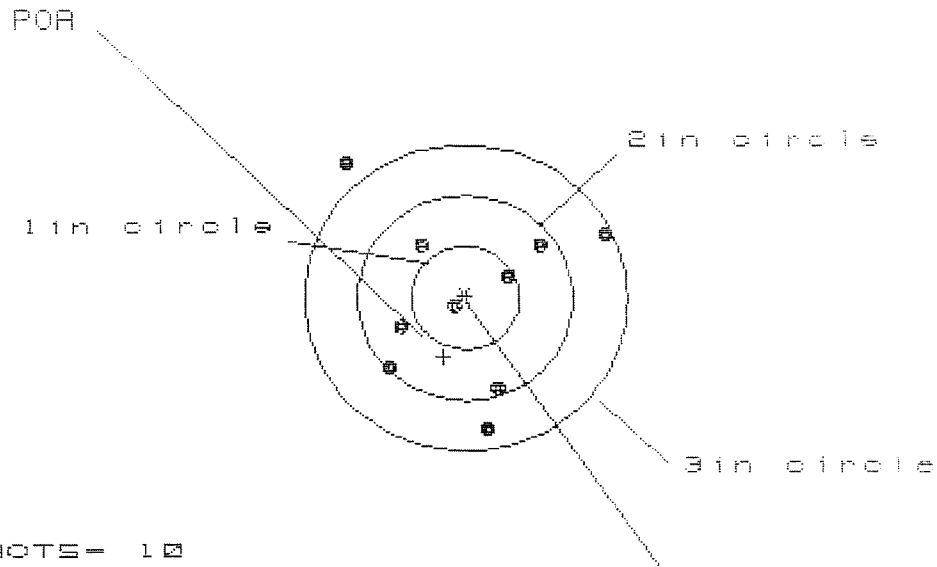
GS = 1.991

|                             |   |       |       |       |
|-----------------------------|---|-------|-------|-------|
| PATTERN #                   | : | 4     |       |       |
| SHOTS (BEST OF)             | : | 10    | 9     | 8     |
| MAXIMUM X                   | : | .777  | .790  | .699  |
| MINIMUM X                   | : | -.742 | -.729 | -.820 |
| MAXIMUM Y                   | : | 1.188 | .633  | .573  |
| MINIMUM Y                   | : | -.683 | -.551 | -.611 |
| CENTROID X                  | : | .495  | .482  | .573  |
| CENTROID Y                  | : | .357  | .225  | .285  |
| POA TO CENTROID in.         | : | .611  | .532  | .640  |
| MIN RADIUS                  | : | .199  | .244  | .151  |
| MEAN RADIUS                 | : | .636  | .570  | .514  |
| MAX RADIUS                  | : | 1.193 | .966  | 1.000 |
| HORIZONTAL SPREAD           | : | 1.519 | 1.519 | 1.519 |
| VERTICAL SPREAD             | : | 1.871 | 1.184 | 1.184 |
| EXTREME SPREAD              | : | 1.991 | 1.684 | 1.684 |
| NUMBER IN ONE INCH CIRCLE   | = |       | 4     |       |
| NUMBER IN TWO INCH CIRCLE   | = |       | 9     |       |
| NUMBER IN THREE INCH CIRCLE | = |       | 10    |       |

28 Mar 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/06225095

CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.363

VS= 2.549

GS= 2.840

|                             |   |        |        |       |
|-----------------------------|---|--------|--------|-------|
| PATTERN #                   | : | 5      |        |       |
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.298  | 1.180  | .732  |
| MINIMUM X                   | : | -1.065 | -.810  | -.662 |
| MAXIMUM Y                   | : | 1.316  | .727   | .799  |
| MINIMUM Y                   | : | -1.233 | -1.087 | -.996 |
| CENTROID X                  | : | .204   | .322   | .174  |
| CENTROID Y                  | : | .577   | .431   | .340  |
| POA TO CENTROID in.         | : | .612   | .538   | .382  |
| MIN RADIUS                  | : | .119   | .211   | .162  |
| MEAN RADIUS                 | : | .910   | .822   | .732  |
| MAX RADIUS                  | : | 1.693  | 1.386  | 1.083 |
| HORIZONTAL SPREAD           | : | 2.363  | 1.990  | 1.394 |
| VERTICAL SPREAD             | : | 2.549  | 1.814  | 1.795 |
| EXTREME SPREAD              | : | 2.840  | 2.373  | 1.888 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |       |

BBL-96003

**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: **RE00008593** Serial: C6225095 Model 700 Center Fire Caliber: 7.62 M-24 (SWS) Repairman: Status: Closed 4/27/00 8:53:31 AM

**Address Information**

Customer: ☒ Received From Return To: ☒ Received From

Name: **2/7TH SPECIAL FORCES GROUP (A)** **2/7TH SPECIAL FORCES GROUP (A)**

Address 1: **ATTN: S4, BLDG. E-3323** **ATTN: S4, BLDG. E-3323**

Address 2: **PO Box:** **PO Box:**

City: **FORT BRAGG** **FORT BRAGG**

State: **NC** Zip Code: **28310** Country: **US** State: **NC** Zip Code: **28310** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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

**Contact Information**

Phone:

Fax:

Email:

Comments:

**Received Condition**

Poor

Condition Notes:

CSR Notes:

**Accessories Received**

| Code | Desc                | Qty |
|------|---------------------|-----|
| A007 | With Stud. & SWIVEL | 2   |
| A016 | Scope Mounts        | 2   |
| A017 | Scope Base          | 1   |
| A026 | Scope               | 1   |

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

maglej 4/27/00 12:50 PM CAPS NUM INS SCRL

Start Inb... Na... SA... Ex... Mi... A... Pa... Mi... Pri...

12:50 PM

Serial Number:

**C6225095**

Model: **700**



**RE00008593**

Scope 5/14 88-0452

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

|                                      |                          |                     |                |
|--------------------------------------|--------------------------|---------------------|----------------|
| <b>R &amp; E NUMBER</b>              |                          |                     |                |
| <b>SERIAL NUMBER</b> <i>C6225095</i> |                          |                     |                |
| <b>LOG-IN DATE</b> <i>5-11-00</i>    |                          |                     |                |
| <b>INSPECT AND VERIFY:</b>           |                          |                     |                |
| <b>OPERATION #</b>                   | <b>OPERATION NAME</b>    | <b>DATE</b>         | <b>INITIAL</b> |
| 550                                  | DIS-ASSEMBLE GUN         | <i>5-25-00</i>      | <i>RW</i>      |
| 560 A                                | RE-BARREL AT CUSTOM SHOP |                     |                |
| B                                    | DRILL AND TAP            |                     |                |
| C                                    | POLISH                   |                     |                |
| 575                                  | ASSEMBLE                 |                     |                |
| 600                                  | PROOF                    | <i>5-22-00</i>      | <i>RW</i>      |
| 605                                  | CHECK HEADSPACE          | <i>5-22-00</i>      | <i>RW</i>      |
| 610                                  | DIS-ASSEMBLE GUN         |                     |                |
| 612                                  | MAGNAFLUX                |                     |                |
| 615                                  | ROLLMARK CALIBER         |                     |                |
| 618                                  | ROTO-BLAST               |                     |                |
| 620                                  | APPLY COATINGS           |                     |                |
| 625 A                                | FINAL ASSEMBLY           |                     |                |
| B                                    | TRIGGER PULL TEST        |                     |                |
| C                                    | SAFETY "ON" FORCE        |                     |                |
| D                                    | SAFETY "OFF" FORCE       |                     |                |
| E                                    | FIRING PIN INDENT        |                     |                |
| 640                                  | TARGET                   | <i>5-29-00</i>      | <i>RW</i>      |
| 655                                  | FINAL INSPECT            | <i>5-25-00</i>      | <i>RW</i>      |
| 660                                  | PACK                     |                     |                |
|                                      |                          | SHIP DATE           |                |
|                                      |                          | QAR INSPECTION DATE |                |

# Final Inspection

S.N.:

DATE REC'D:

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-350
- ☒ BAR CODE
- ☒ PACKAGING

Item:

Stock Assy.

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

Systems Case

- ☒ Scope Case
- ☒ IRON SIGHTS
- ☒ Deployment Kit

Trigger

- ☒ SAFETY OPERATION
- ☒ SET

Comments:

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225095  
24 Jul 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0564  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0908  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .106891

THE AMR FOR THIS RIFLE IS: 1.242

# CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .315573 |
| 1 TO | 2 | .705992 |
| 1 TO | 3 | .372592 |
| 1 TO | 4 | .429337 |
| 1 TO | 5 | .229578 |

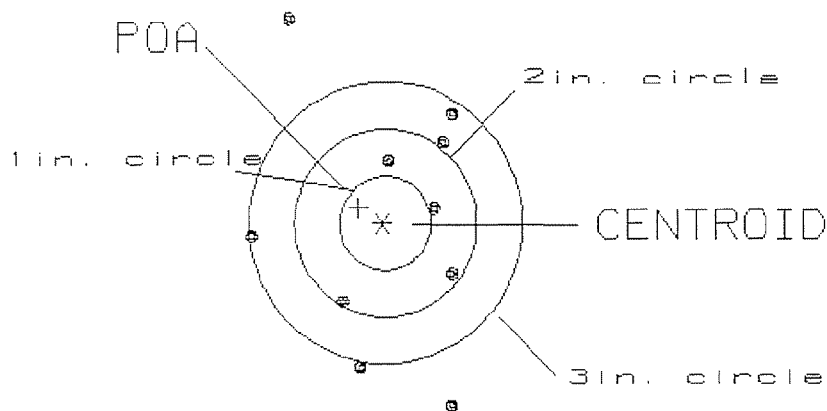
2 4 <sup>3</sup>/<sub>5</sub> 1 <----POA

PATTERN #: 711  
 POA TO CENTROID: .316  
 MIN RADIUS : .533  
 MEAN RADIUS : 1.304  
 MAX RADIUS : 2.405  
 CENTROID X : .269  
 CENTROID Y : -.165

24 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225095

# CENTERFIRE PATTERN # 1



# OF SHOTS= 10

# IN CIRCLE

HS= 2.18

0

VS= 4.11

4

GS= 4.48

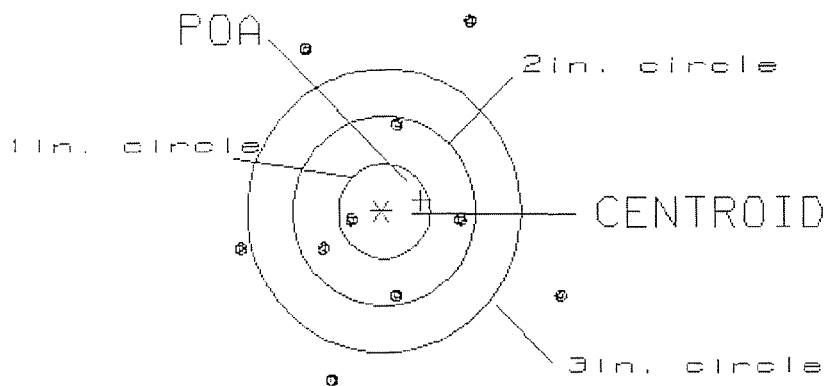
7

PATTERN #: 020  
 POA TO CENTROID: .449  
 MIN RADIUS : .400  
 MEAN RADIUS : 1.350  
 MAX RADIUS : 2.221  
 CENTROID X : -.435  
 CENTROID Y : -.112

24 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225095

# CENTERFIRE PATTERN # 2



# OF SHOTS= 10

# IN CIRCLE

HS= 3.48

1

VS= 3.75

5

GS= 4.07

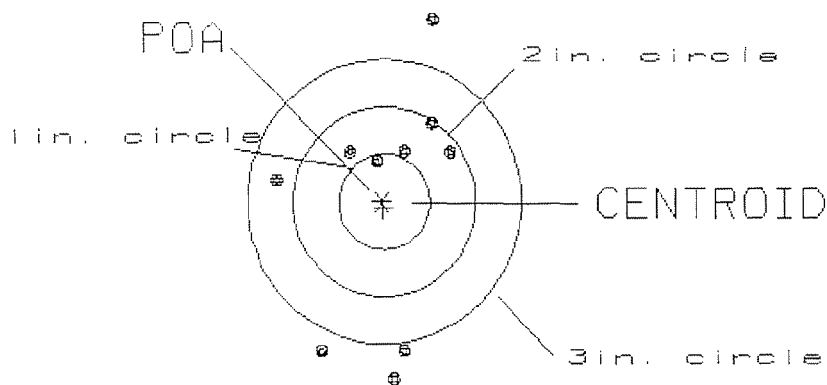
5

PATTERN #: 3  
 POA TO CENTROID: .076  
 MIN RADIUS : .410  
 MEAN RADIUS : 1.199  
 MAX RADIUS : 2.046  
 CENTROID X : -.016  
 CENTROID Y : .075

24 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225095

# CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 1.88

1

VS= 3.88

4

GS= 3.90

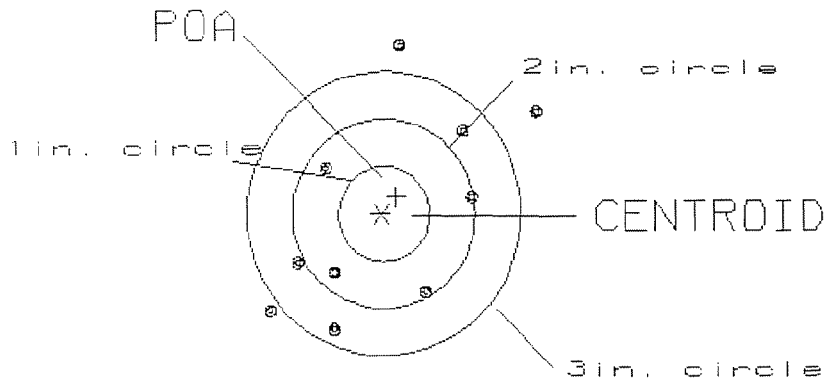
6

PATTERN #: 4  
 POA TO CENTROID: .242  
 MIN RADIUS : .799  
 MEAN RADIUS : 1.274  
 MAX RADIUS : 1.960  
 CENTROID X : -.160  
 CENTROID Y : -.182

24 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225095

# CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 2.91  
 VS= 2.98  
 GS= 3.62

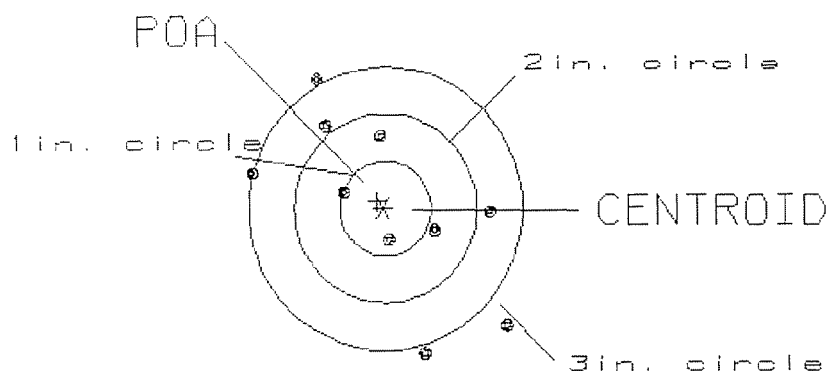
0  
 4  
 7

PATTERN #: 5  
 POA TO CENTROID: .092  
 MIN RADIUS : .313  
 MEAN RADIUS : 1.082  
 MAX RADIUS : 1.794  
 CENTROID X : .060  
 CENTROID Y : -.070

24 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225095

# CENTERFIRE PATTERN # 5



# OF SHOTS= 10

# IN CIRCLE

HS= 2.75

2

VS= 2.92

4

GS= 3.31

7