

C6225210

MODEL 700<sup>TM</sup> N24

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

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225210

| OP. #     | OP. NAME                                                 | READINGS | DATE      | INIT |
|-----------|----------------------------------------------------------|----------|-----------|------|
| 575 & 580 | Assemble Action and Stock                                | 1 25     | 89        | RW   |
| 600       | Proof                                                    | 1 25     | 89        | RW   |
| 607       | Check Headspace                                          | 1 25     | 89        | RW   |
| 610       | Dis-assemble Gun                                         | 1 25     | 89        | RW   |
| 612       | Magnaflux Barrel Action                                  |          | 1-27-89   | RW   |
|           | Magnaflux Bolt                                           |          | 1-27-89   | KCR  |
| 615       | Rollmark Caliber                                         |          |           |      |
| 617       | Drill and Tap Sight Holes                                | 2 1      | 89        | FB   |
| 618       | Polish Barrel                                            | 2 1      | 89        | BT   |
| 620       | Apply Coatings (Barrel Action)                           |          | 2-10-89   | TSX  |
|           | Apply Coating (Bolt)                                     |          |           |      |
| 625       | Final Assembly                                           |          |           |      |
|           | A) Clean inside of Bolt Assembly                         |          | 2/15/89   | RW   |
|           | B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head |          | 2/15/89   | RW   |
|           | C) Inspect Ejector Hole for Chamfer                      |          | 2/15/89   | RW   |
|           | D) Oil Firing Pin Ass'y                                  |          | 2/15/89   | RW   |
|           | E) Adjust Trigger Pull to Min Setting and Stake          |          | 16 Feb 89 | JSB  |

| op. #        | OP. NAME                                                    | READINGS |      |      |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                          | 5        | 4    | 4    |      |      | 17/1/89 | JS   |
|              | G) Safety Off Force                                         | 4        | 4    | 4    |      |      | 17/1/89 | JS   |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |      |      | 16/1/89 | JS   |
|              | I) Firing Pin Indent                                        | .0225    | .022 | .023 |      |      | 17/1/89 | JS   |
|              | J) Assemble Stock                                           |          |      |      |      |      | 2/20/89 | RW   |
|              | K) Assemble Swivel Studs                                    |          |      |      |      |      | 22/1/89 | JS   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |      |      |      | 2/20/89 | RW   |
|              | M) Iron Sight Alignment                                     |          |      |      |      |      | 2/20/89 | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |      |      |      | 2/20/89 | RW   |
|              | O) Attach Scope to Rifle                                    |          |      |      |      |      | 20/1/89 | JS   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |      |      |      | 20/1/89 | JS   |
| 640          | Gallery Target & Test                                       | 60 R     | 90L  |      |      |      | 2/21/89 | DH   |
|              | A) Time                                                     |          |      |      |      |      | 2/21/89 | DH   |
|              | B) Malfunctions                                             |          |      |      |      |      | 2/21/89 | DH   |
|              | C) Pierced Primers                                          |          |      |      |      |      | 2/21/89 | DH   |
|              | D) Optical Clarity of Scope                                 |          |      |      |      |      | 2/21/89 | DH   |
| 645          | Inspect for Live Ammo                                       |          |      |      |      |      | 2/21/89 | DH   |
| 655          | Final Inspection                                            |          |      |      |      |      |         |      |
|              | A) Headspace                                                |          |      |      |      |      | 22/1/89 | JS   |
|              | B) Trigger Pull                                             | 2.24     | 2.27 | 2.32 | 2.29 | 2.29 | 22/1/89 | JS   |
|              | C) Function                                                 |          |      |      |      |      | 22/1/89 | JS   |
| 660          | Pack                                                        |          |      |      |      |      | 22/1/89 | JS   |

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225210

DATE 4/4/90

TESTER DH

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------------------------------------------------------------------------|
| PULL #1 | 2.38             | 2.30                     | 2.34                           | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.32             | 2.25                     | 2.23                           |                                                                        |
| PULL #3 | 2.37             | 2.36                     | 2.42                           |                                                                        |
| PULL #4 | 2.16             | 2.26                     | 2.36                           |                                                                        |
| PULL #5 | 2.32             | 2.24                     | 2.30                           |                                                                        |
| TOTAL   | 11.55            | 11.41                    | 11.65                          |                                                                        |
| AVG.    | 2.31             | 2.28                     | 2.33                           |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES | COMMENTS |
|---------|------------------|--------------------------|----------|
| PULL #1 | 3.11             | 3.16                     |          |
| PULL #2 | 3.11             | 3.19                     |          |
| PULL #3 | 3.21             | 3.27                     |          |
| PULL #4 | 3.21             | 3.24                     |          |
| PULL #5 | 3.19             | 3.19                     |          |
| TOTAL   | 15.83            | 16.05                    |          |
| AVG.    | 3.16             | 3.21                     |          |

|         | 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 | 4.33             | 4.22                     |                                |                                      |
| PULL #2 | 4.35             | 4.28                     |                                |                                      |
| PULL #3 | 4.34             | 4.26                     |                                |                                      |
| PULL #4 | 4.38             | 4.30                     |                                |                                      |
| PULL #5 | 4.41             | 4.32                     |                                |                                      |
| TOTAL   | 21.85            | 21.38                    |                                |                                      |
| AVG.    | 4.37             | 4.27                     |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6225210  
22 Feb 1989

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .488083 |
| 1 TO | 2 | .317404 |
| 1 TO | 3 | .541724 |
| 1 TO | 4 | .276384 |
| 1 TO | 5 | .409004 |

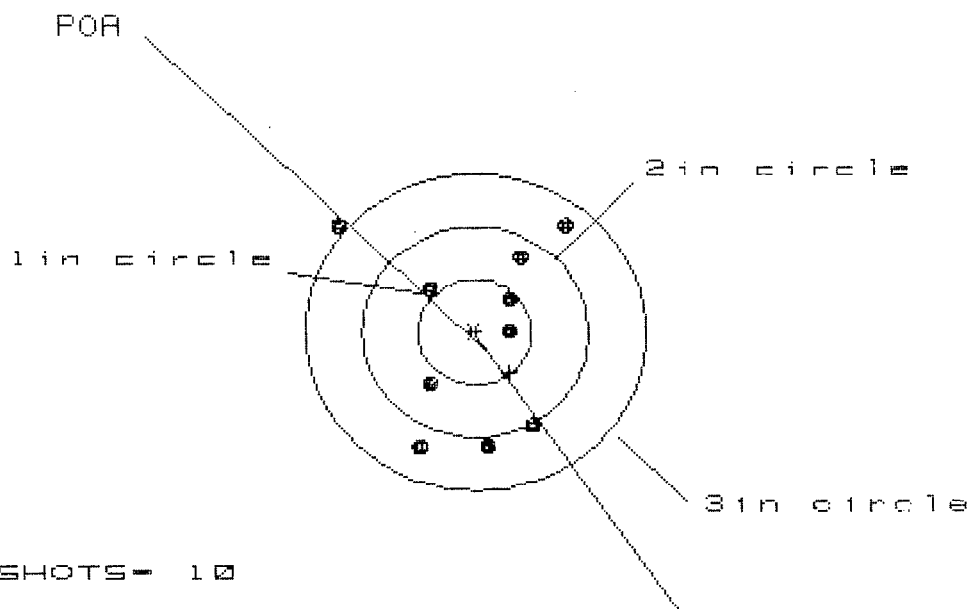
$\sigma^2$   $\sigma^2$  <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3248  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3606  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .405312  
THE AMR FOR THIS RIFLE IS: .8682

22 Feb 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C6225210

# CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1 in - 2

2 in - 5

3 in - 9

HS- 1.988

VS= 2.067

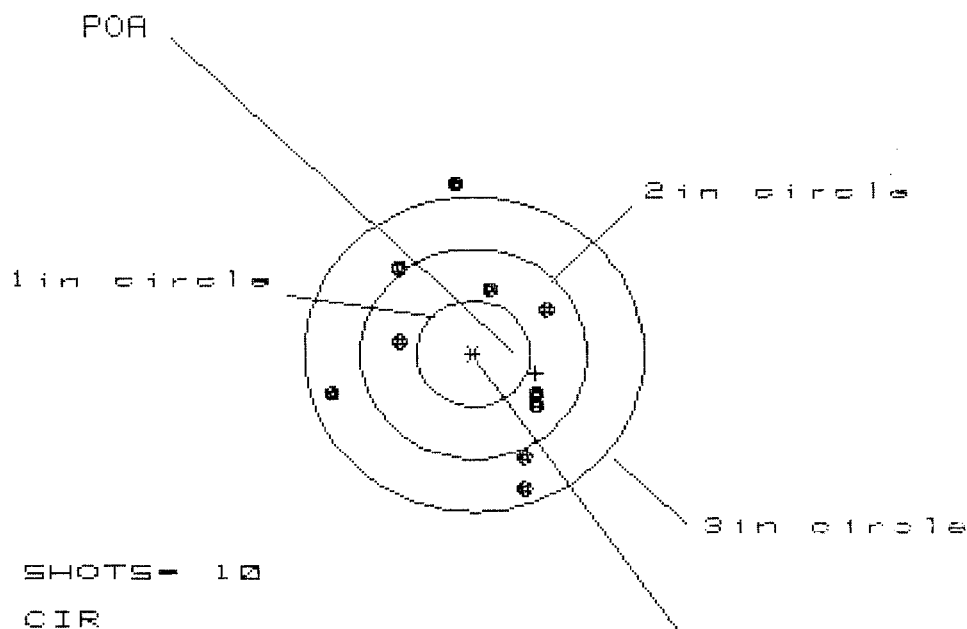
GS= 2.564

| PATTERN #                   | : | 1      | 9     | 8     |
|-----------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | .785   | .651  | .476  |
| MINIMUM X                   | : | -1.203 | -.615 | -.533 |
| MAXIMUM Y                   | : | 1.013  | 1.125 | .968  |
| MINIMUM Y                   | : | -1.054 | -.942 | -.801 |
| CENTROID X                  | : | -.300  | -.166 | -.248 |
| CENTROID Y                  | : | .385   | .273  | .132  |
| POA TO CENTROID in.         | : | .488   | .320  | .281  |
| MIN RADIUS                  | : | .298   | .204  | .359  |
| MEAN RADIUS                 | : | .887   | .796  | .733  |
| MAX RADIUS                  | : | 1.570  | 1.300 | 1.033 |
| HORIZONTAL SPREAD           | : | 1.988  | 1.266 | 1.009 |
| VERTICAL SPREAD             | : | 2.067  | 2.067 | 1.769 |
| EXTREME SPREAD              | : | 2.564  | 2.424 | 1.982 |
| NUMBER IN ONE INCH CIRCLE   | = | 2      |       |       |
| NUMBER IN TWO INCH CIRCLE   | = | 5      |       |       |
| NUMBER IN THREE INCH CIRCLE | = | 9      |       |       |

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# CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1 in - 0

2 in - 5

3 in - 9

HS- 1.9000

VS= 2.827

GS= 2.883

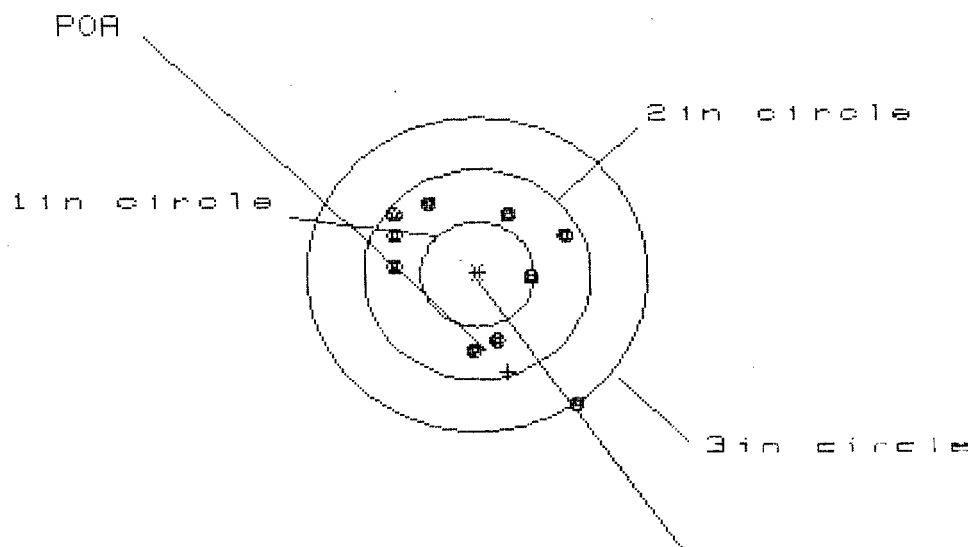
CENTROID \*

| PATTERN #                   | : | 2      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | .689   | .671   | .720   |
| MINIMUM X                   | : | -1.211 | -1.229 | -1.180 |
| MAXIMUM Y                   | : | 1.569  | .951   | .815   |
| MINIMUM Y                   | : | -1.258 | -1.083 | -.982  |
| CENTROID X                  | : | -.544  | -.526  | -.575  |
| CENTROID Y                  | : | .182   | .007   | .143   |
| POA TO CENTROID in.         | : | .574   | .526   | .593   |
| MIN RADIUS                  | : | .640   | .568   | .649   |
| MEAN RADIUS                 | : | .981   | .904   | .866   |
| MAX RADIUS                  | : | 1.578  | 1.247  | 1.231  |
| HORIZONTAL SPREAD           | : | 1.900  | 1.900  | 1.900  |
| VERTICAL SPREAD             | : | 2.827  | 2.034  | 1.797  |
| EXTREME SPREAD              | : | 2.883  | 2.302  | 2.104  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 0      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

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# CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1in - 1

2in - 9

3in = 10

HS= 1.593

VS= 1.911

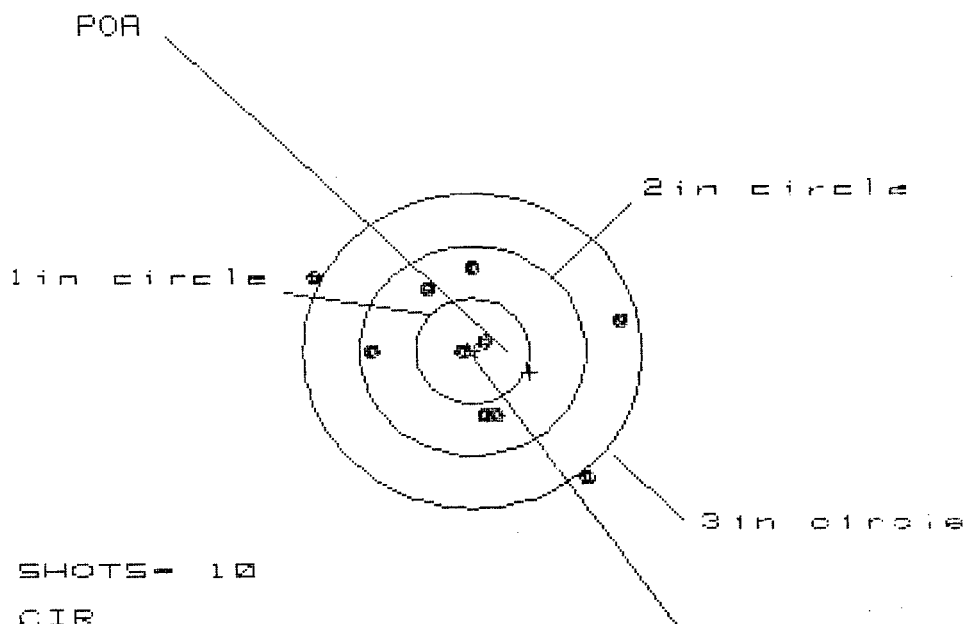
GS= 2.341

| PATTERN #                   | : | 3      |       |       |
|-----------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | .866   | .825  | .750  |
| MINIMUM X                   | : | -.727  | -.631 | -.706 |
| MAXIMUM Y                   | : | .699   | .564  | .615  |
| MINIMUM Y                   | : | -1.212 | -.888 | -.837 |
| CENTROID X                  | : | -.272  | -.368 | -.293 |
| CENTROID Y                  | : | .926   | 1.061 | 1.010 |
| POA TO CENTROID in.         | : | .965   | 1.123 | 1.052 |
| MIN RADIUS                  | : | .496   | .553  | .524  |
| MEAN RADIUS                 | : | .809   | .715  | .711  |
| MAX RADIUS                  | : | 1.489  | .894  | .838  |
| HORIZONTAL SPREAD           | : | 1.593  | 1.456 | 1.456 |
| VERTICAL SPREAD             | : | 1.911  | 1.452 | 1.452 |
| EXTREME SPREAD              | : | 2.341  | 1.525 | 1.525 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 9     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10    |       |

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# CENTERFIRE PATTERNS # 4



# OF SHOTS- 10

# IN CIR

1 in - 2

2 in - 7

3 in - 8

HS- 2.719

VS= 2.000

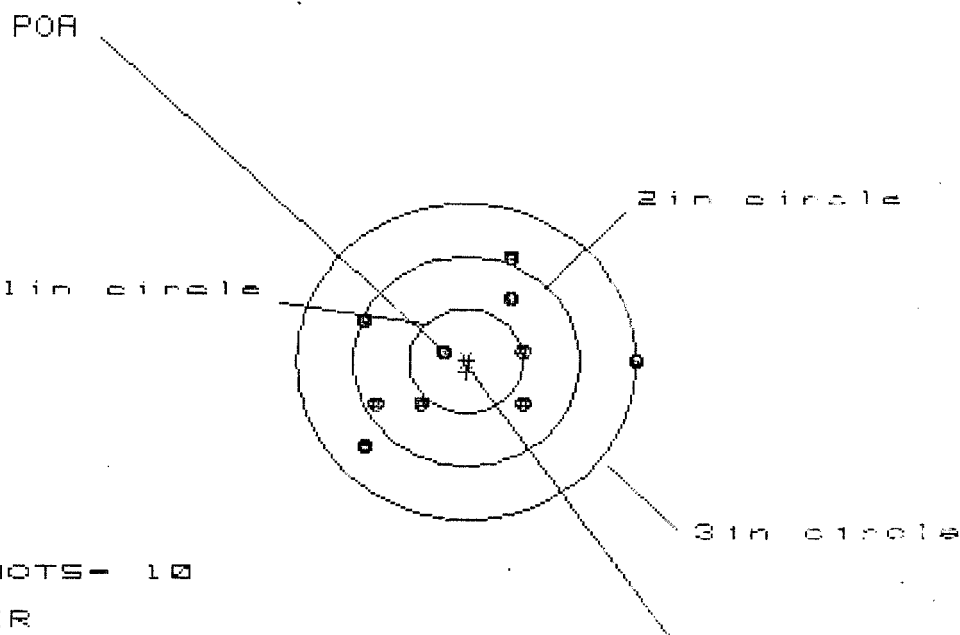
GS= 3.138

| PATTERN #                   | : | 4      | 9      | 8     |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.281  | 1.121  | 1.232 |
| MINIMUM X                   | : | -1.438 | -1.000 | -.897 |
| MAXIMUM Y                   | : | .827   | .908   | .771  |
| MINIMUM Y                   | : | -1.181 | -1.100 | -.687 |
| CENTROID X                  | : | -.508  | -.348  | -.459 |
| CENTROID Y                  | : | .203   | .122   | .259  |
| POA TO CENTROID in.         | : | .547   | .369   | .527  |
| MIN RADIUS                  | : | .098   | .215   | .085  |
| MEAN RADIUS                 | : | .838   | .766   | .649  |
| MAX RADIUS                  | : | 1.613  | 1.416  | 1.249 |
| HORIZONTAL SPREAD           | : | 2.719  | 2.129  | 2.129 |
| VERTICAL SPREAD             | : | 2.000  | 2.000  | 1.458 |
| EXTREME SPREAD              | : | 3.138  | 2.260  | 2.149 |
| NUMBER IN ONE INCH CIRCLE   | = | 2      |        |       |
| NUMBER IN TWO INCH CIRCLE   | = | 7      |        |       |
| NUMBER IN THREE INCH CIRCLE | = | 8      |        |       |

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# CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1 in - 1

2 in - 7

3 in = 9

HS= 2.418

VS= 1.773

GS= 2.555

CENTROID \*

| PATTERN #                     | 5     | 5     | 5     |
|-------------------------------|-------|-------|-------|
| SHOTS (BEST OF)               | 10    | 9     | 8     |
| MAXIMUM X                     | 1.515 | .696  | .604  |
| MINIMUM X                     | -.903 | -.735 | -.827 |
| MAXIMUM Y                     | .945  | .946  | .842  |
| MINIMUM Y                     | -.828 | -.827 | -.547 |
| CENTROID X                    | .000  | -.168 | -.076 |
| CENTROID Y                    | .107  | .106  | .210  |
| POA TO CENTROID in.           | .107  | .199  | .223  |
| MIN RADIUS                    | .244  | .088  | .170  |
| MEAN RADIUS                   | .826  | .726  | .681  |
| MAX RADIUS                    | 1.515 | 1.106 | .947  |
| HORIZONTAL SPREAD             | 2.418 | 1.431 | 1.431 |
| VERTICAL SPREAD               | 1.773 | 1.773 | 1.389 |
| EXTREME SPREAD                | 2.555 | 2.174 | 1.755 |
| NUMBER IN ONE INCH CIRCLE =   | 1     |       |       |
| NUMBER IN TWO INCH CIRCLE =   | 7     |       |       |
| NUMBER IN THREE INCH CIRCLE = | 9     |       |       |

# Remington.



VERY IMPORTANT:  
Instruction Book  
enclosed to assure  
safe use of this  
firearm.

MODEL 700<sup>TM</sup> H24

SERIAL NO.

C6225210

ORDER NO.

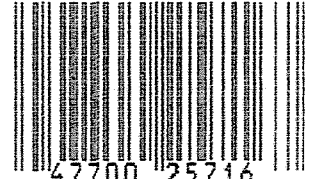
5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.



5716 C6225210

UPC



0 47700 25716 7



LIVE ROUNDS INCLUDED

35 ROUNDS

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                         |                     |                                                                             |                                            |                                                                                             |           |                                                                                |                                                     |                                                                                          |            |                                                                                  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------------|-----------------------------------------------------|------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------|--|
| <b>MAINTENANCE REQUEST</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                         |                     | PAGE NO.                                                                    |                                            | 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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | WORK ORDER NO.                                                          |                     |                                                                             | WESDC                                      |                                                                                             | ORG. PD   |                                                                                | PD AUTHENTICATION                                   |                                                                                          |            |                                                                                  |  |
| <input checked="" type="checkbox"/> Work Request<br><input type="checkbox"/> MWO<br><input type="checkbox"/> Warranty Claim                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 1A. ORGANIZATION<br><i>Dec 15 6th</i>                                   |                     |                                                                             | B. LOCATION<br><i>Ft Campbell Ky 42223</i> |                                                                                             |           | C. UNIT IDENT CODE<br><i>W 34805</i><br><i>044108</i>                          |                                                     |                                                                                          |            |                                                                                  |  |
| 2. SERIAL NO.<br><i>06225210</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | 3. NOUN NOMENCLATURE<br><i>M24 Sniper Rifle 1.624</i>                   |                     |                                                                             | 4. LINE NO.                                |                                                                                             | 5. MODEL  |                                                                                | 6. NATIONAL STOCK NUMBER<br><i>1005-01-240-2136</i> |                                                                                          |            |                                                                                  |  |
| 7A. MAINTENANCE ACTIVITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | B. LEVEL                                                                | 8. UTILIZATION CODE | 9A. MCSR ITEM                                                               | 9B. ERC                                    | 9C. PACING ITEM                                                                             | 10. HOURS |                                                                                | 11. MILES                                           | 12. ROUNDS                                                                               | 13. STARTS |                                                                                  |  |
| 14. FAILURE DETECTED DURING (Select one - use <input checked="" type="checkbox"/> or X)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                         |                     |                                                                             |                                            | 15. FIRST INDICATION OF TROUBLE (Select one - use <input checked="" type="checkbox"/> or X) |           |                                                                                |                                                     |                                                                                          |            |                                                                                  |  |
| <input type="checkbox"/> A Sch. Main.<br><input type="checkbox"/> B Handling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | <input type="checkbox"/> C Test<br><input type="checkbox"/> D Normal Op |                     | <input type="checkbox"/> E Storage<br><input type="checkbox"/> F Inspection |                                            | <input type="checkbox"/> G Flight<br><input type="checkbox"/> H Other                       |           | <input type="checkbox"/> 068 Inoperative<br><input type="checkbox"/> 008 Noisy |                                                     | <input type="checkbox"/> 258 Overheating<br><input type="checkbox"/> 387 Low Performance |            | <input type="checkbox"/> 790 Out of Adjustment<br><input type="checkbox"/> Other |  |
| 16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs).<br><i>Weapon will not Group</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                         |                     |                                                                             |                                            |                                                                                             |           |                                                                                |                                                     |                                                                                          |            |                                                                                  |  |
| B. REMARKS<br><i>Excessive Rounds fired 19000+</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                         |                     |                                                                             |                                            |                                                                                             |           |                                                                                |                                                     |                                                                                          |            |                                                                                  |  |
| <b>PREPARATION INSTRUCTIONS (Prior to using this form, read DA PAM 738-750 for detailed preparation instructions)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                         |                     |                                                                             |                                            |                                                                                             |           |                                                                                |                                                     |                                                                                          |            |                                                                                  |  |
| <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <ol style="list-style-type: none"> <li>Place a "✓" or an "X" in the box for the type of action required.</li> <li>Enter the WESDC if the item is Materiel Condition Status Reportable.</li> <li>Enter the priority designator as determined from the urgency of need and force activity designator.</li> <li>The Unit Commander, Chief of TDA activity or their designated representative will authenticate, by signature, a priority of 01 through 08.</li> <li>Block 1A. Enter the name of the organization submitting the request.</li> <li>Block 1B. Enter the unit submitting the request; units overseas enter APO only.</li> <li>Block 1C. Enter the unit identification code of the unit in block 1A.</li> <li>Block 2. Enter the equipment serial number. For ammunition, enter the lot number. For administrative-use vehicles, enter the USA registration number.</li> <li>Block 3. Enter the noun abbreviation of the item.</li> <li>Block 4. Enter the item line number, if applicable.</li> <li>Block 5. Enter the model number.</li> <li>Block 6. Enter the National Stock Number of the item listed in Block 3.</li> </ol> </div> <div style="width: 50%;"> <ol style="list-style-type: none"> <li>Block 7. Enter the name of the support activity.</li> <li>Block 7A. Enter the symbol of the maintenance category (O, F, H, D, or L).</li> <li>Block 8. Enter the utilization code.</li> <li>Block 9A. Enter the word "yes" if the item is Materiel Condition Status Reportable.</li> <li>Block 9B. Enter the equipment readiness code, if applicable.</li> <li>Block 9C. Enter the word "yes" if the item is a pacing item.</li> <li>Block 10. Enter the hour reading, if applicable.</li> <li>Block 11. Enter the mileage from the odometer, if applicable.</li> <li>Block 12. Enter the total rounds fired, if applicable.</li> <li>Block 13. For turbine engines, enter the number of hot starts.</li> <li>Block 14. Enter a "✓" or "X" in the proper block.</li> <li>Block 15. Enter a "✓" or "X" in the proper block.</li> <li>Block 16. Describe briefly the fault or symptoms needing correction.</li> </ol> </div> </div> |  |                                                                         |                     |                                                                             |                                            |                                                                                             |           |                                                                                |                                                     |                                                                                          |            |                                                                                  |  |
| 23. SUBMITTED BY<br><i>[Signature]</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                         |                     | 24. RECEIVED BY                                                             |                                            |                                                                                             |           |                                                                                |                                                     |                                                                                          |            |                                                                                  |  |
| JULIAN DATE<br><i>6071</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                         |                     | JULIAN DATE                                                                 |                                            |                                                                                             |           |                                                                                |                                                     |                                                                                          |            |                                                                                  |  |

DA FORM 2407, AUG 88

EDITION OF MAY 81 MAY BE USED

RECEIPT COPY 1

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

M2400010716

LIVE Rounds Included

35 ROUNDS

| MAINTENANCE REQUEST                                                                                                                                                          |                 |                                                                         |                    | PAGE NO.                                                                                                                                                                                         | NO. OF PAGES                                                                                                  | REQUIREMENTS CONTROL SYMBOL                                                              |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------|
| For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG                                                                                                     |                 |                                                                         |                    |                                                                                                                                                                                                  |                                                                                                               | CSGLD - 1047(R1)                                                                         |                   |
| SECTION I - EQUIPMENT DATA                                                                                                                                                   |                 |                                                                         |                    |                                                                                                                                                                                                  |                                                                                                               |                                                                                          |                   |
| CONTROL NUMBER                                                                                                                                                               |                 | WORK ORDER NO.                                                          |                    | WESDC                                                                                                                                                                                            | ORG. PD                                                                                                       | PD AUTHENTICATION                                                                        |                   |
| <input checked="" type="checkbox"/> Work Request<br><input type="checkbox"/> MWO<br><input type="checkbox"/> Warranty Claim                                                  |                 | 1A. ORGANIZATION<br>Dco 1506th                                          |                    | B. LOCATION<br>FT Campbell Ky 42223                                                                                                                                                              |                                                                                                               | C. UNIT IDENT CODE<br>W34XQ5<br>WHD4100                                                  |                   |
| 2. SERIAL NO.<br>06225210                                                                                                                                                    |                 | 3. NOUN NOMENCLATURE<br>M24 Sniper Rifle 7.62mm                         |                    | 4. LINE NO.                                                                                                                                                                                      | 5. MODEL                                                                                                      | 6. NATIONAL STOCK NUMBER<br>1005-01-240-2136                                             |                   |
| 7A. MAINTENANCE ACTIVITY                                                                                                                                                     | B. LEVEL        | 8. UTILIZATION CODE                                                     | 9A. MCSR ITEM      | 9B. ERC                                                                                                                                                                                          | 9C. PACING ITEM                                                                                               | 10. HOURS                                                                                | 11. MILES         |
|                                                                                                                                                                              |                 |                                                                         |                    |                                                                                                                                                                                                  |                                                                                                               |                                                                                          |                   |
| 14. FAILURE DETECTED DURING (Select one - use <input checked="" type="checkbox"/> or X)                                                                                      |                 |                                                                         |                    | 15. FIRST INDICATION OF TROUBLE (Select one - use <input checked="" type="checkbox"/> or X)                                                                                                      |                                                                                                               |                                                                                          |                   |
| <input type="checkbox"/> A Sch. Main.<br><input type="checkbox"/> B Handling                                                                                                 |                 | <input type="checkbox"/> C Test<br><input type="checkbox"/> D Normal Op |                    | <input type="checkbox"/> E Storage<br><input type="checkbox"/> F Inspection                                                                                                                      |                                                                                                               | <input type="checkbox"/> G Flight<br><input type="checkbox"/> H Other                    |                   |
|                                                                                                                                                                              |                 |                                                                         |                    | <input type="checkbox"/> 068 Inoperative<br><input type="checkbox"/> 008 Noisy                                                                                                                   |                                                                                                               | <input type="checkbox"/> 258 Overheating<br><input type="checkbox"/> 387 Low Performance |                   |
|                                                                                                                                                                              |                 |                                                                         |                    |                                                                                                                                                                                                  |                                                                                                               | <input type="checkbox"/> 790 Out of Adjustment<br><input type="checkbox"/> Other         |                   |
| 16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs).<br>Weapon will Not Group       |                 |                                                                         |                    |                                                                                                                                                                                                  |                                                                                                               |                                                                                          |                   |
| B. REMARKS<br>Excessive Rounds Fired 19000+                                                                                                                                  |                 |                                                                         |                    |                                                                                                                                                                                                  |                                                                                                               |                                                                                          |                   |
| SECTION II - WORK ACCOMPLISHED                                                                                                                                               |                 |                                                                         |                    |                                                                                                                                                                                                  |                                                                                                               |                                                                                          |                   |
| 17A. REPAIR ORGANIZATION/ACTIVITY                                                                                                                                            |                 |                                                                         | C. UNIT IDENT CODE |                                                                                                                                                                                                  | 18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use <input checked="" type="checkbox"/> or X) |                                                                                          | 19. AMS ACCT CODE |
| B. LOCATION                                                                                                                                                                  |                 |                                                                         |                    |                                                                                                                                                                                                  | <input type="checkbox"/> 1 TOE <input type="checkbox"/> 2 TD <input type="checkbox"/> 3 Contractor            |                                                                                          |                   |
| 20A. ACT. CODE                                                                                                                                                               | B. FAILURE CODE | C. COMPONENT/PART NOUN, SVC. OR MWO NO.                                 |                    | D. MANHOURS (Hrs. & tenths)                                                                                                                                                                      | E. NATIONAL STOCK NUMBER                                                                                      | F. PART SOURCE CODE                                                                      | H. PARTS COST     |
|                                                                                                                                                                              |                 | (1) CB CODE                                                             | (2) REF DESIGN.    | (3) MFR. CODE                                                                                                                                                                                    |                                                                                                               |                                                                                          |                   |
|                                                                                                                                                                              |                 |                                                                         |                    |                                                                                                                                                                                                  |                                                                                                               |                                                                                          | \$                |
|                                                                                                                                                                              |                 |                                                                         |                    |                                                                                                                                                                                                  |                                                                                                               |                                                                                          | \$                |
|                                                                                                                                                                              |                 |                                                                         |                    |                                                                                                                                                                                                  |                                                                                                               |                                                                                          | \$                |
|                                                                                                                                                                              |                 |                                                                         |                    |                                                                                                                                                                                                  |                                                                                                               |                                                                                          | \$                |
|                                                                                                                                                                              |                 |                                                                         |                    |                                                                                                                                                                                                  |                                                                                                               |                                                                                          | \$                |
|                                                                                                                                                                              |                 |                                                                         |                    |                                                                                                                                                                                                  |                                                                                                               |                                                                                          | \$                |
|                                                                                                                                                                              |                 |                                                                         |                    |                                                                                                                                                                                                  |                                                                                                               |                                                                                          | \$                |
|                                                                                                                                                                              |                 |                                                                         |                    |                                                                                                                                                                                                  |                                                                                                               |                                                                                          | \$                |
|                                                                                                                                                                              |                 |                                                                         |                    |                                                                                                                                                                                                  |                                                                                                               |                                                                                          | \$                |
|                                                                                                                                                                              |                 |                                                                         |                    |                                                                                                                                                                                                  |                                                                                                               |                                                                                          | \$                |
|                                                                                                                                                                              |                 |                                                                         |                    |                                                                                                                                                                                                  |                                                                                                               |                                                                                          | \$                |
|                                                                                                                                                                              |                 |                                                                         |                    |                                                                                                                                                                                                  |                                                                                                               |                                                                                          | \$                |
|                                                                                                                                                                              |                 |                                                                         |                    |                                                                                                                                                                                                  |                                                                                                               |                                                                                          | \$                |
| I. TOTAL MANHOURS                                                                                                                                                            |                 |                                                                         |                    | J. TOTAL MANHOURS COST                                                                                                                                                                           | K. TOTAL PARTS COST                                                                                           |                                                                                          |                   |
|                                                                                                                                                                              |                 |                                                                         |                    | \$                                                                                                                                                                                               | \$                                                                                                            |                                                                                          |                   |
| 21. DELAY (Select One)                                                                                                                                                       |                 |                                                                         |                    |                                                                                                                                                                                                  |                                                                                                               |                                                                                          |                   |
| <input type="checkbox"/> 1 Parts <input type="checkbox"/> 2 Manpower <input type="checkbox"/> 3 Facilities <input type="checkbox"/> 4 Funds <input type="checkbox"/> 5 Tools |                 |                                                                         |                    |                                                                                                                                                                                                  |                                                                                                               |                                                                                          |                   |
| 23. SUBMITTED BY                                                                                                                                                             |                 | 24. RECEIVED BY                                                         |                    | 25. WORK STARTED BY                                                                                                                                                                              |                                                                                                               | 26. INSPECTED BY                                                                         |                   |
| JULIAN DATE                                                                                                                                                                  |                 | JULIAN DATE                                                             |                    | JULIAN DATE                                                                                                                                                                                      |                                                                                                               | JULIAN DATE                                                                              |                   |
| 6071                                                                                                                                                                         |                 |                                                                         |                    |                                                                                                                                                                                                  |                                                                                                               |                                                                                          |                   |
| 27. ACCEPTED BY                                                                                                                                                              |                 |                                                                         |                    | 28. DISPOSITION (Select One)                                                                                                                                                                     |                                                                                                               |                                                                                          |                   |
|                                                                                                                                                                              |                 |                                                                         |                    | <input type="checkbox"/> A To User <input type="checkbox"/> D Evacuated<br><input type="checkbox"/> B To Stock <input type="checkbox"/> E Cannibalization<br><input type="checkbox"/> C Salvaged |                                                                                                               |                                                                                          |                   |

## Final Inspection

Sn: C6225210

DATE REC'D: 4/24/96

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: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

CONTRACT # DAAA21-87-C-0086

Barrel

GUN SERIAL #

C6225210

| OP. #        | OP. NAME                                                       | READINGS | DATE    | INITIAL |
|--------------|----------------------------------------------------------------|----------|---------|---------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   |          | 4/29/96 | RW      |
| 600          | Proof                                                          |          | 4/29/96 | RW      |
| 607          | Check Headspace                                                |          | 4/29/96 | RW      |
| 610          | Dis-assemble Gun                                               |          | 4/29/96 | 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          |          | 5/8/96  | RW      |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 5/8/96  | RW      |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 5/8/96  | RW      |
|              | D) Oil Firing Pin Ass'y                                        |          | 5/8/96  | 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 & Retainability                        |          |         |      |
|              | I) Firing Pin Indent                                        |          |         |      |
|              | J) Assemble Stock                                           |          |         |      |
|              | K) Assemble Swivel Studs                                    |          |         |      |
|              | L) Attach Front and Rear Sight Assemblies                   |          |         |      |
|              | M) Iron Sight Alignment                                     |          |         |      |
|              | N) Detach Front & Rear Sights & place in numbered container |          |         |      |
|              | O) Attach Scope to Rifle                                    |          |         |      |
|              | P) Detach & Attach Scope 20 Times                           |          |         |      |
| 640          | Gallery Target & Test                                       |          | 5/8/96  | PA   |
|              | A) Time                                                     |          |         |      |
|              | B) Malfunctions                                             |          |         |      |
|              | C) Pierced Primers                                          |          |         |      |
|              | D) Optical Clarity of Scope                                 |          |         |      |
| 645          | Inspect for Live Ammo                                       |          | 5/8/96  | PA   |
| 655          | Final Inspection                                            |          |         |      |
|              | A) Headspace                                                |          | 5/11/96 | RW   |
|              | B) Trigger Pull                                             |          | 5/11/96 | RW   |
|              | C) Function                                                 |          | 5/11/96 | RW   |
| 660          | Pack                                                        |          |         |      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6225210  
11 Mar 1900

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .434108 |
| 1 TO | 2 | .469282 |
| 1 TO | 3 | .31637  |
| 1 TO | 4 | .240626 |
| 1 TO | 5 | .251454 |

POA



THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: 1.081  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .318626  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .318626  
THE AMR FOR THIS RIFLE IS: 1.081

11 Mar 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/06225210

# CENTERFIRE PATTERNS

# 1

POA

1in circle

2in circle

3in circle

# OF SHOTS- 10

# IN CIR

1in = 2

2in = 4

3in = 8

HS= 2.288

VS= 2.988

GS= 3.242

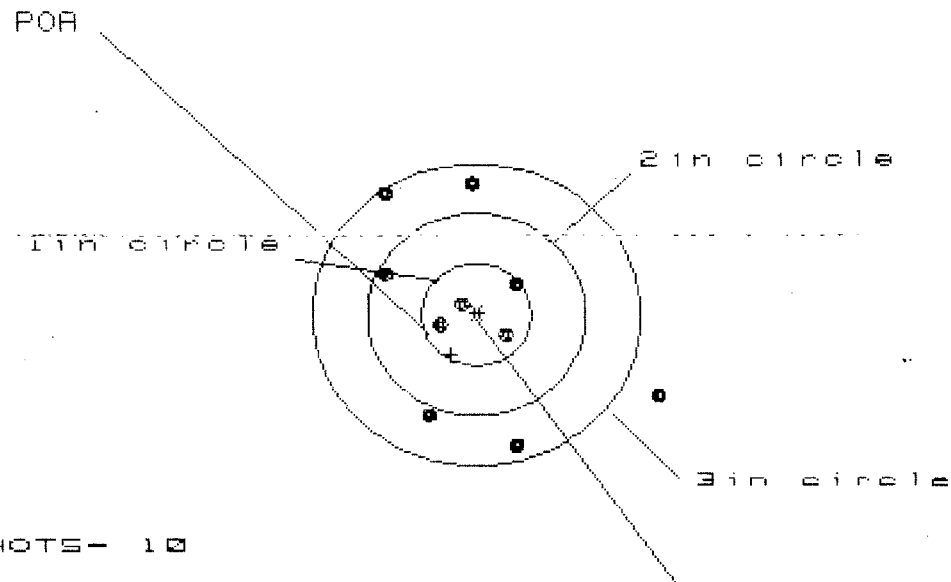
CENTROID #

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.109  | 1.011  | 1.044  |
| MINIMUM X                     | -1.179 | -1.277 | -1.244 |
| MAXIMUM Y                     | 1.576  | 1.420  | 1.149  |
| MINIMUM Y                     | -1.412 | -1.401 | 1.224  |
| CENTROID X                    | .433   | .531   | .497   |
| CENTROID Y                    | -.031  | -.117  | -.052  |
| POA TO CENTROID in.           | .434   | .500   | .500   |
| MIN RADIUS                    | .461   | .412   | .412   |
| MEAN RADIUS                   | 1.138  | 1.000  | 1.000  |
| MAX RADIUS                    | 1.668  | 1.514  | 1.514  |
| HORIZONTAL SPREAD             | 2.288  | 2.288  | 2.288  |
| VERTICAL SPREAD               | 2.988  | 2.988  | 2.988  |
| EXTREME SPREAD                | 3.242  | 3.064  | 2.906  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 4      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 8      |        |        |

11 Mar 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/06225210

# CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1in - 4

2in - 5

3in - 9

HS- 2.549

VS- 2.642

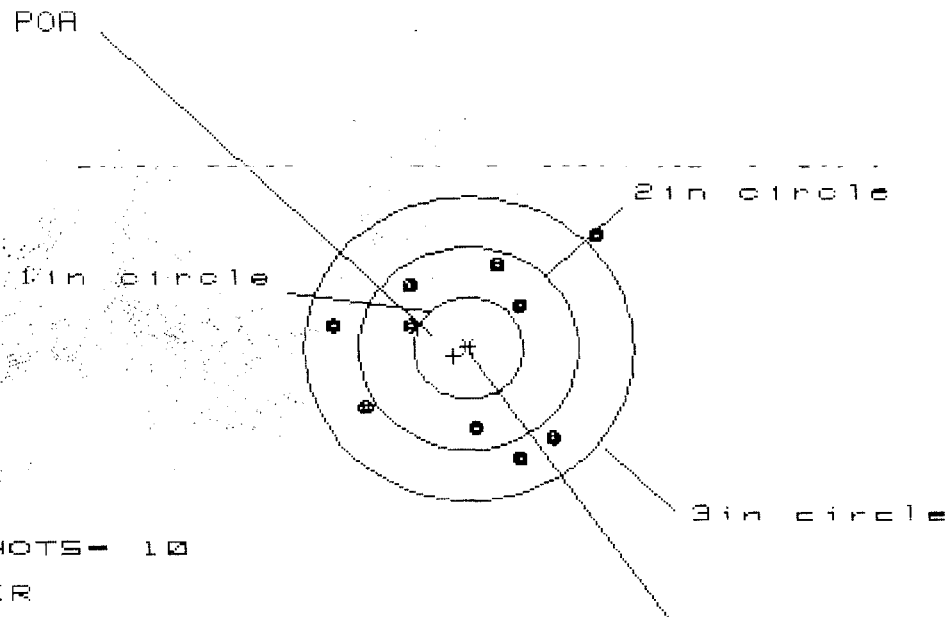
GS- 3.217

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 2      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.687  | .596   | .519   |
| MINIMUM X                   | : | -.862  | -.674  | -.751  |
| MAXIMUM Y                   | : | 1.345  | 1.252  | 1.390  |
| MINIMUM Y                   | : | -1.297 | -1.390 | -1.252 |
| CENTROID X                  | : | .234   | .046   | .123   |
| CENTROID Y                  | : | .394   | .487   | .349   |
| POA TO CENTROID in.         | : | .458   | .490   | .370   |
| MIN RADIUS                  | : | .123   | .091   | .119   |
| MEAN RADIUS                 | : | .942   | .911   | .755   |
| MAX RADIUS                  | : | 1.885  | 1.511  | 1.391  |
| HORIZONTAL SPREAD           | : | 2.549  | 1.511  | 1.270  |
| VERTICAL SPREAD             | : | 2.642  | 2.642  | 2.642  |
| EXTREME SPREAD              | : | 3.217  | 2.683  | 2.683  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

11 Mar 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C6225210

# CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1in = 0

2in = 5

3in = 9

HS= 2.380

VS= 2.160

GS= 2.717

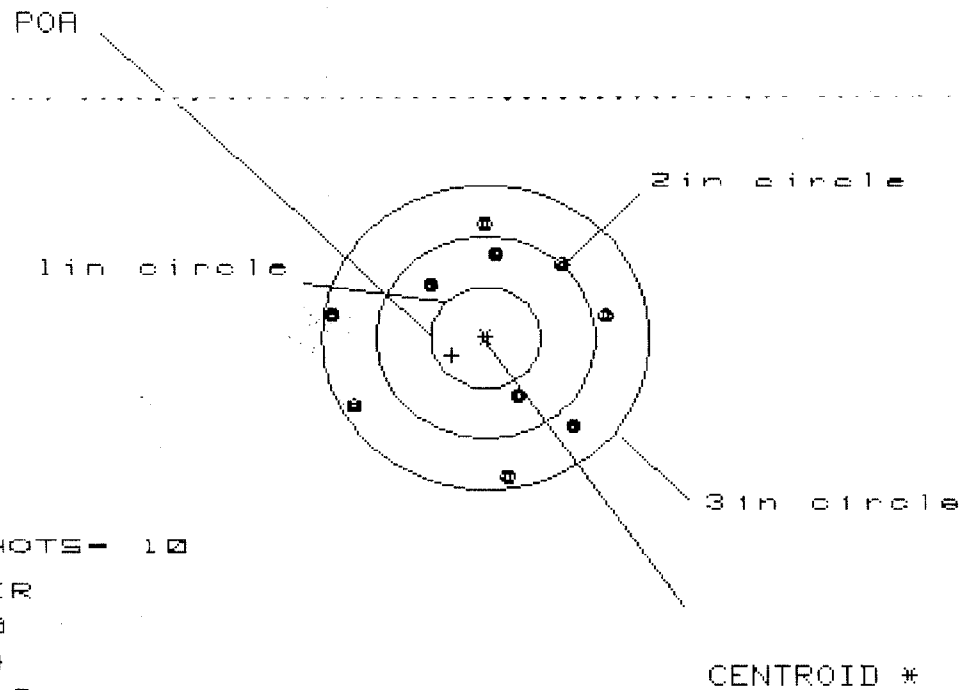
CENTROID \*

| PATTERN #                     | 3      |        |       |
|-------------------------------|--------|--------|-------|
| SHOTS (BEST OF)               | 10     | 9      | 8     |
| MAXIMUM X                     | 1.175  | .907   | .772  |
| MINIMUM X                     | -1.205 | -1.074 | -.954 |
| MAXIMUM Y                     | 1.081  | .967   | 1.016 |
| MINIMUM Y                     | -1.079 | -.959  | -.910 |
| CENTROID X                    | .136   | .005   | .140  |
| CENTROID Y                    | .078   | -.042  | -.091 |
| POA TO CENTROID in.           | .157   | .042   | .166  |
| MIN RADIUS                    | .556   | .495   | .634  |
| MEAN RADIUS                   | 1.003  | .925   | .896  |
| MAX RADIUS                    | 1.597  | 1.114  | 1.062 |
| HORIZONTAL SPREAD             | 2.380  | 1.     | 1.726 |
| VERTICAL SPREAD               | 2.160  | 1      | 1.926 |
| EXTREME SPREAD                | 2.717  | 2.     | 1.966 |
| NUMBER IN ONE INCH CIRCLE =   |        | 0      |       |
| NUMBER IN TWO INCH CIRCLE =   |        | 5      |       |
| NUMBER IN THREE INCH CIRCLE = |        | 9      |       |

11 Mar 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/06225210

# CENTERFIRE PATTERNS # 4



# OF SHOTS- 10

# IN CIR

1in - 0

2in - 4

3in = 10

HS= 2.528

VS= 2.534

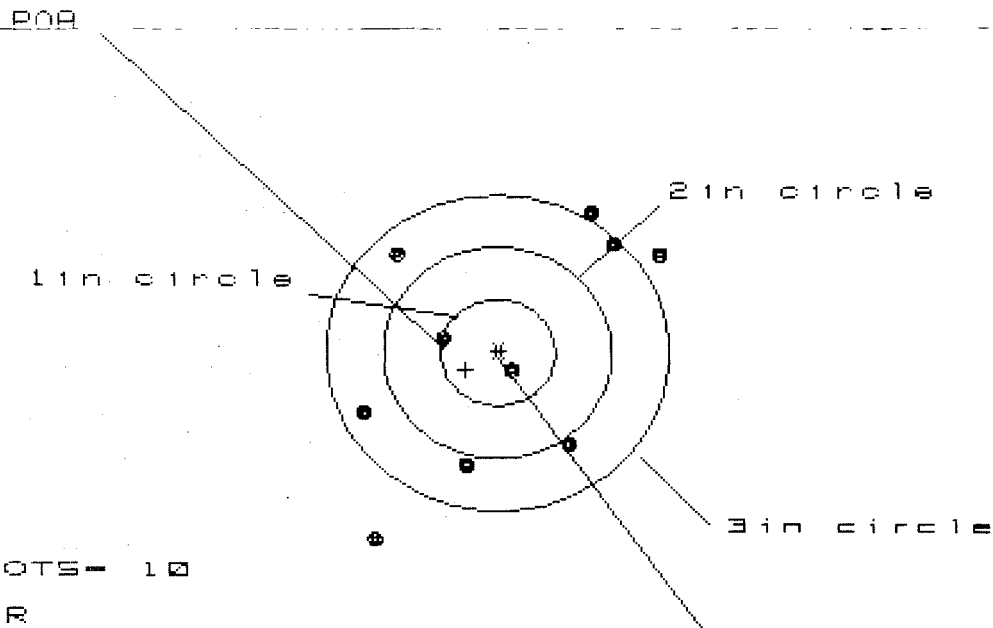
GS= 2.547

| PATTERN #                   | : | 4      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.091  | .931   | .941   |
| MINIMUM X                   | : | -1.437 | -1.328 | -1.318 |
| MAXIMUM Y                   | : | 1.149  | 1.170  | .999   |
| MINIMUM Y                   | : | -1.385 | -1.364 | -1.072 |
| CENTROID X                  | : | .307   | .467   | .457   |
| CENTROID Y                  | : | .174   | .153   | .324   |
| POA TO CENTROID in.         | : | .353   | .491   | .560   |
| MIN RADIUS                  | : | .646   | .577   | .696   |
| MEAN RADIUS                 | : | 1.084  | 1.     | .960   |
| MAX RADIUS                  | : | 1.449  | 1      | .570   |
| HORIZONTAL SPREAD           | : | 2.528  |        | .59    |
| VERTICAL SPREAD             | : | 2.534  |        | .71    |
| EXTREME SPREAD              | : | 2.547  |        | .427   |
| NUMBER IN ONE INCH CIRCLE   | = |        |        |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |        |

11 Mar 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225210

# CENTERFIRE PATTERNS # 5



# OF SHOTS - 10

# IN CIR

1 in = 1

2 in = 2

3 in = 7

MS = 2.673

VS = 3.095

GS = 3.710

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 5      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.467  | 1.347  | 1.024  |
| MINIMUM X                   | : | -1.206 | -1.326 | -1.157 |
| MAXIMUM Y                   | : | 1.350  | 1.157  | 1.252  |
| MINIMUM Y                   | : | -1.745 | -1.240 | -1.145 |
| CENTROID X                  | : | .278   | .398   | .229   |
| CENTROID Y                  | : | .167   | .360   | .265   |
| POA TO CENTROID in.         | : | .324   | .537   | .351   |
| MIN RADIUS                  | : | .189   | .291   | .297   |
| MEAN RADIUS                 | : | 1.236  | 1.107  | .877   |
| MAX RADIUS                  | : | 2.052  | 1.549  | .520   |
| HORIZONTAL SPREAD           | : | 2.673  | 2.471  | 2.182  |
| VERTICAL SPREAD             | : | 3.095  | 2.437  | 2.197  |
| EXTREME SPREAD              | : | 3.710  | 2.893  | 2.813  |
| NUMBER IN ONE INCH CIRCLE   | = | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE   | = |        |        |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 7      |        |