

C6522268

MODEL 700<sup>TH</sup> M24

Model **SMS** <sup>TH</sup>

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.

*Remington*

## Repair Inquiry

Repair Number: RE00110480

Serial: C6522268 Model: M24 SWS Center Fire  
Caliber: 7.62 NATO

Repairman:

Status:

Closed 3/29/2006 11:34:59 AM

Verify Repair

## Address Information

Customer:

Received From

Return To:

Received From

Name: C CO 3/89TH CAV

C CO 3/89TH CAV

Address 1: 1052 ALABAMA AVE SUITE 103

1052 ALABAMA AVE SUITE 103

Address 2:

PO Box:

PO Box:

City: FORT POLK

FORT POLK

State: LA

Zip Code: 71459

Country: US

State: LA

Zip Code: 71459

Country: US

FFL:

## Contact / Condition

## Problems

## Estimate

## History / Status

## Shipping / Billing

## Contact Information

Phone:

NA

Fax:

Email:

Comments:

## Received Condition

Good

Condition

Notes:

CSR

Notes:

## Accessories Received

| Code | Desc              | Qty |
|------|-------------------|-----|
| A007 | With Stud         | 3   |
| A010 | Hard Case         | 1   |
| A017 | Scope Base        | 1   |
| A026 | Scope             | 1   |
| A055 | Deployment Kit    | 1   |
| C000 | FR AND REAR SGT E | 1   |

## Repair Search

## Refresh

## Close

naglej

3/29/2006

12:47 PM

CAPS

NUM

INS

SCRL

start

4 M

Ar...

3 M

2 L

Pa...

En...

M...

Re...

12:46 PM

Serial Number: C6522268

Model: M24 SWS



RE00110480

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522268.\_\_\_0  
FILE DATE AND TIME: 04/11/2006 16:43

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.102 |
| The Average Y Centroid of the Five Target Set:              | -0.025 |
| The Average Point of Impact of the Five Target Set:         | 0.105  |
| The Average Mean Radius of the Five Target Set:             | 0.581  |
| The Distance from POA to Centroid Target #1:                | 0.294  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.227  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.215  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.238  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.512  |

**BARBER - M24 0001950**

SERIAL NUMBER: C6522268. \_\_0

TARGET NUMBER: 1

FILE DATE: 04/11/2006

FILE TIME: 16:43

X CENTROID: -0.251

Y CENTROID: 0.153

POA TO CENTROID: 0.294

HORZ SPREAD: 1.130

VERT SPREAD: 1.481

GROUP SPREAD: 1.684

MIN RADIUS: 0.086

MAX RADIUS: 0.957

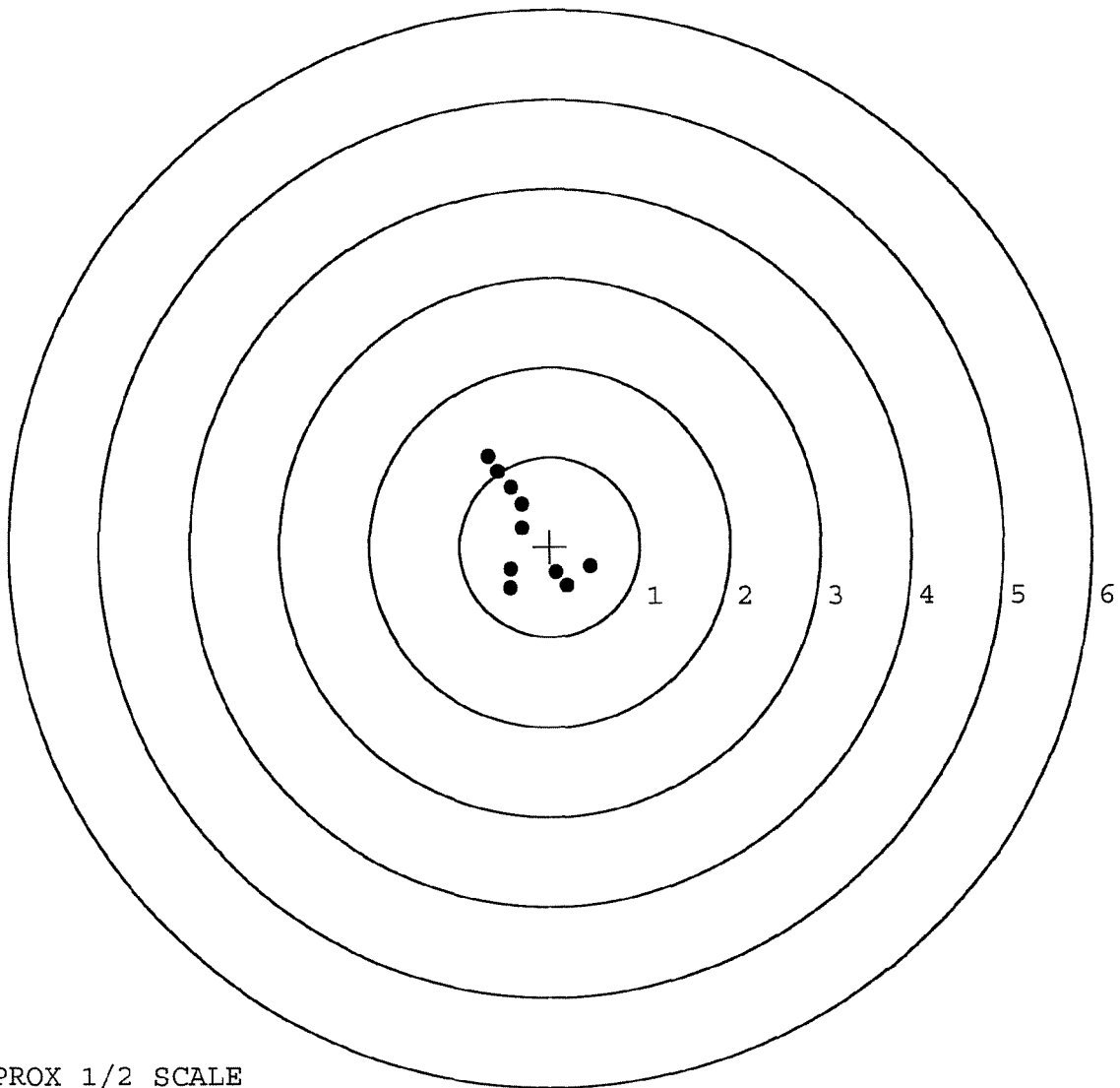
MEAN RADIUS: 0.587

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.069  | -0.291 |
| 2:     | 0.189  | -0.434 |
| 3:     | 0.450  | -0.221 |
| 4:     | -0.441 | -0.473 |
| 5:     | -0.439 | -0.258 |
| 6:     | -0.318 | 0.207  |
| 7:     | -0.317 | 0.479  |
| 8:     | -0.439 | 0.665  |
| 9:     | -0.581 | 0.845  |
| 10:    | -0.680 | 1.008  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522268. 0

TARGET NUMBER: 2

FILE DATE: 04/11/2006

FILE TIME: 16:43

X CENTROID: -0.201

Y CENTROID: -0.069

POA TO CENTROID: 0.212

HORZ SPREAD: 1.945

VERT SPREAD: 1.328

GROUP SPREAD: 2.085

MIN RADIUS: 0.082

MAX RADIUS: 1.374

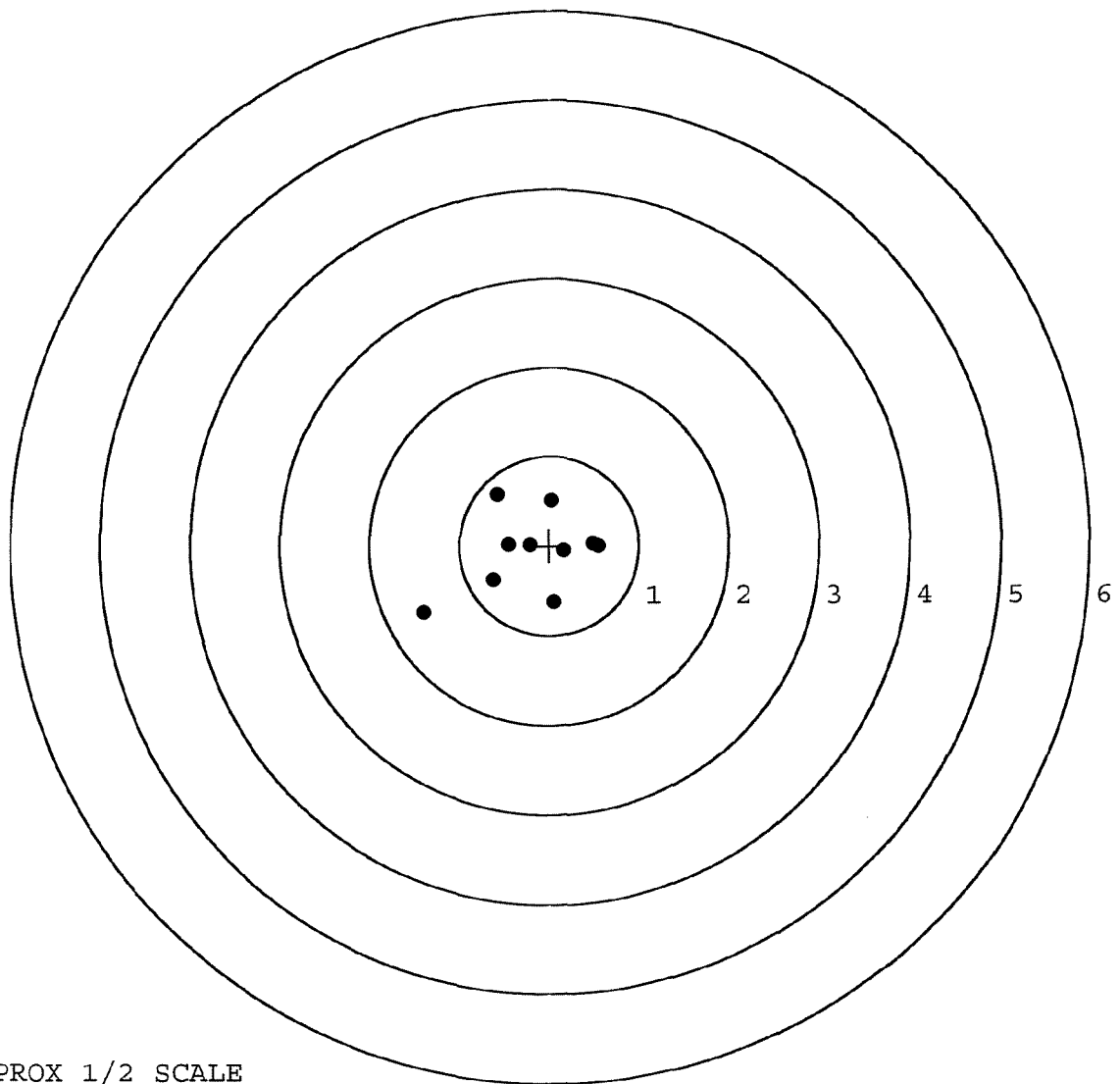
MEAN RADIUS: 0.606

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.023  | 0.500  |
| 2:     | -0.584 | 0.579  |
| 3:     | -0.460 | 0.016  |
| 4:     | -0.219 | 0.011  |
| 5:     | -0.625 | -0.384 |
| 6:     | 0.048  | -0.639 |
| 7:     | 0.161  | -0.055 |
| 8:     | 0.550  | 0.002  |
| 9:     | 0.492  | 0.030  |
| 10:    | -1.395 | -0.749 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522268. 0

TARGET NUMBER: 3

FILE DATE: 04/11/2006

FILE TIME: 16:43

X CENTROID: -0.106

Y CENTROID: -0.007

POA TO CENTROID: 0.106

HORZ SPREAD: 2.030

VERT SPREAD: 1.113

GROUP SPREAD: 2.030

MIN RADIUS: 0.241

MAX RADIUS: 1.198

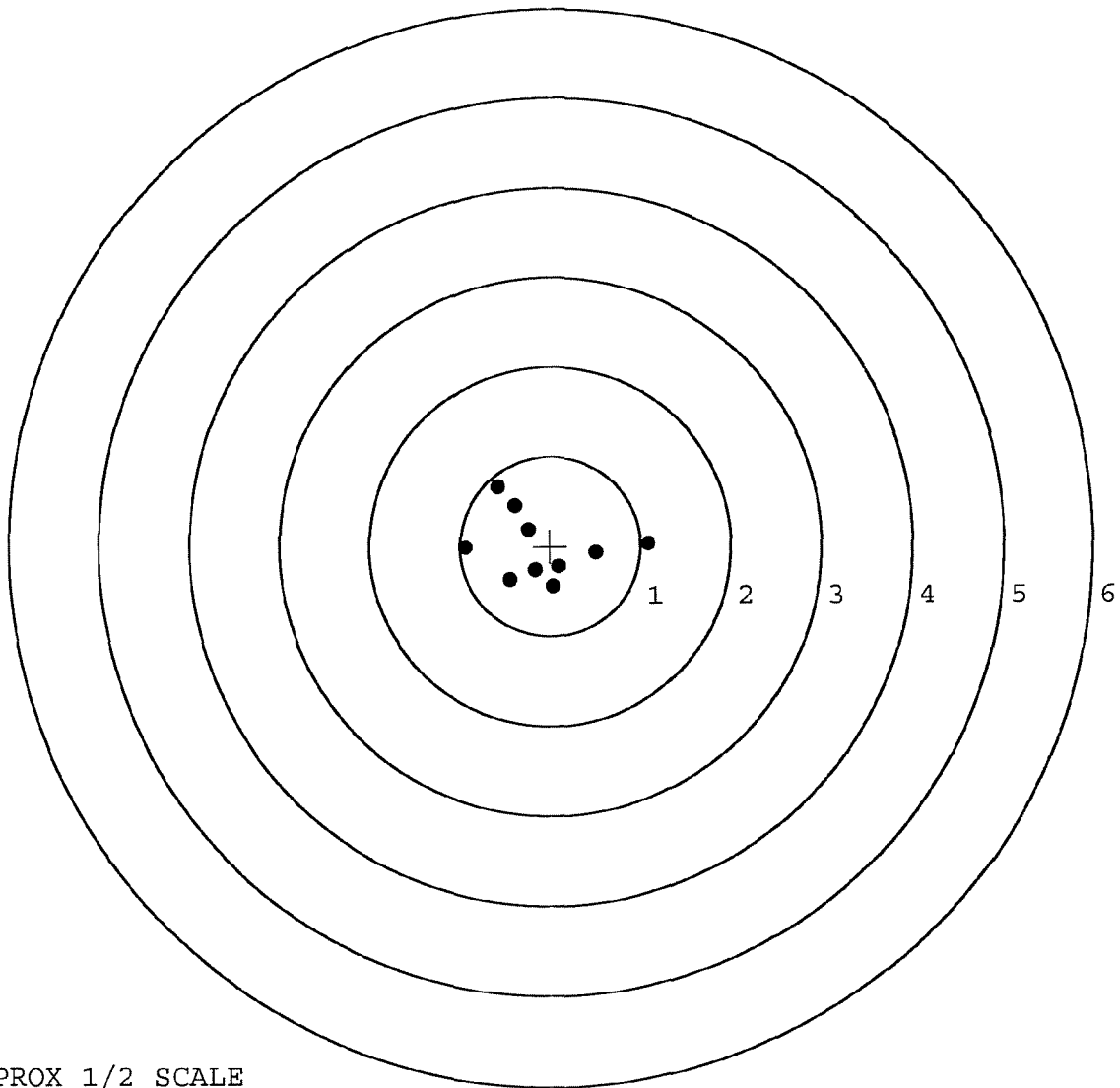
MEAN RADIUS: 0.580

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

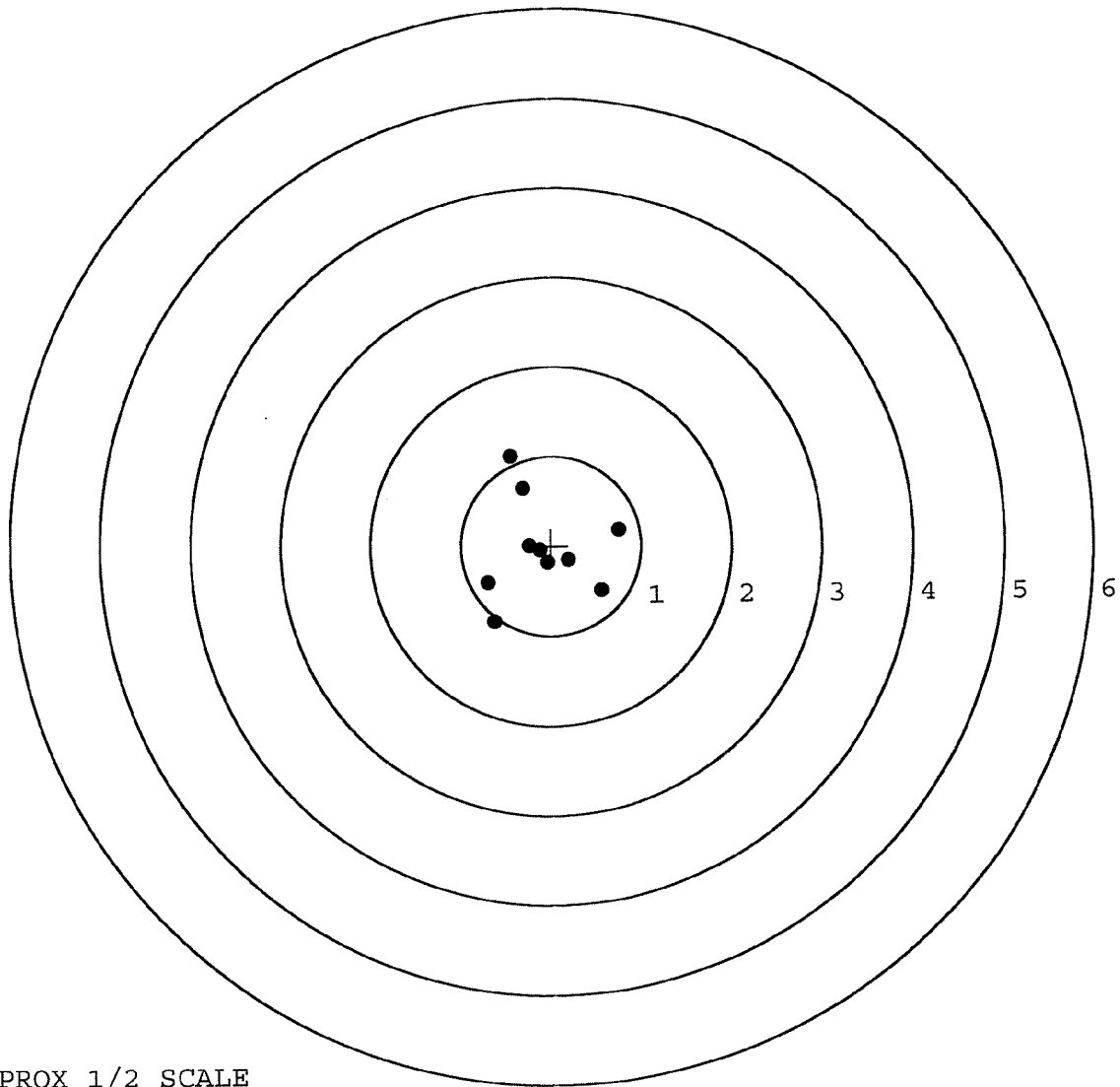
| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.580 | 0.663  |
| 2:     | -0.396 | 0.460  |
| 3:     | -0.249 | 0.187  |
| 4:     | -0.939 | -0.009 |
| 5:     | -0.450 | -0.378 |
| 6:     | -0.173 | -0.271 |
| 7:     | 0.029  | -0.450 |
| 8:     | 0.097  | -0.232 |
| 9:     | 0.509  | -0.067 |
| 10:    | 1.091  | 0.027  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522268. 0  
TARGET NUMBER: 4  
FILE DATE: 04/11/2006  
FILE TIME: 16:43

|                     | POINT# | X      | Y      |
|---------------------|--------|--------|--------|
|                     | 1:     | -0.448 | 1.002  |
|                     | 2:     | -0.317 | 0.642  |
|                     | 3:     | -0.703 | -0.409 |
|                     | 4:     | -0.638 | -0.841 |
|                     | 5:     | -0.248 | -0.005 |
|                     | 6:     | -0.042 | -0.189 |
|                     | 7:     | 0.189  | -0.161 |
|                     | 8:     | 0.555  | -0.504 |
|                     | 9:     | 0.751  | 0.179  |
|                     | 10:    | -0.133 | -0.052 |
| X CENTROID:         |        | -0.103 |        |
| Y CENTROID:         |        | -0.034 |        |
| POA TO CENTROID:    |        | 0.109  |        |
| HORZ SPREAD:        |        | 1.454  |        |
| VERT SPREAD:        |        | 1.843  |        |
| GROUP SPREAD:       |        | 1.853  |        |
| MIN RADIUS:         |        | 0.035  |        |
| MAX RADIUS:         |        | 1.092  |        |
| MEAN RADIUS:        |        | 0.583  |        |
| # IN 1 IN DIAMETER: |        | 4      |        |
| # IN 2 IN DIAMETER: |        | 9      |        |
| # in 3 IN DIAMETER: |        | 10     |        |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522268. 0

TARGET NUMBER: 5

FILE DATE: 04/11/2006

FILE TIME: 16:43

X CENTROID: 0.149

Y CENTROID: -0.167

POA TO CENTROID: 0.224

HORZ SPREAD: 1.611

VERT SPREAD: 1.125

GROUP SPREAD: 1.722

MIN RADIUS: 0.150

MAX RADIUS: 0.894

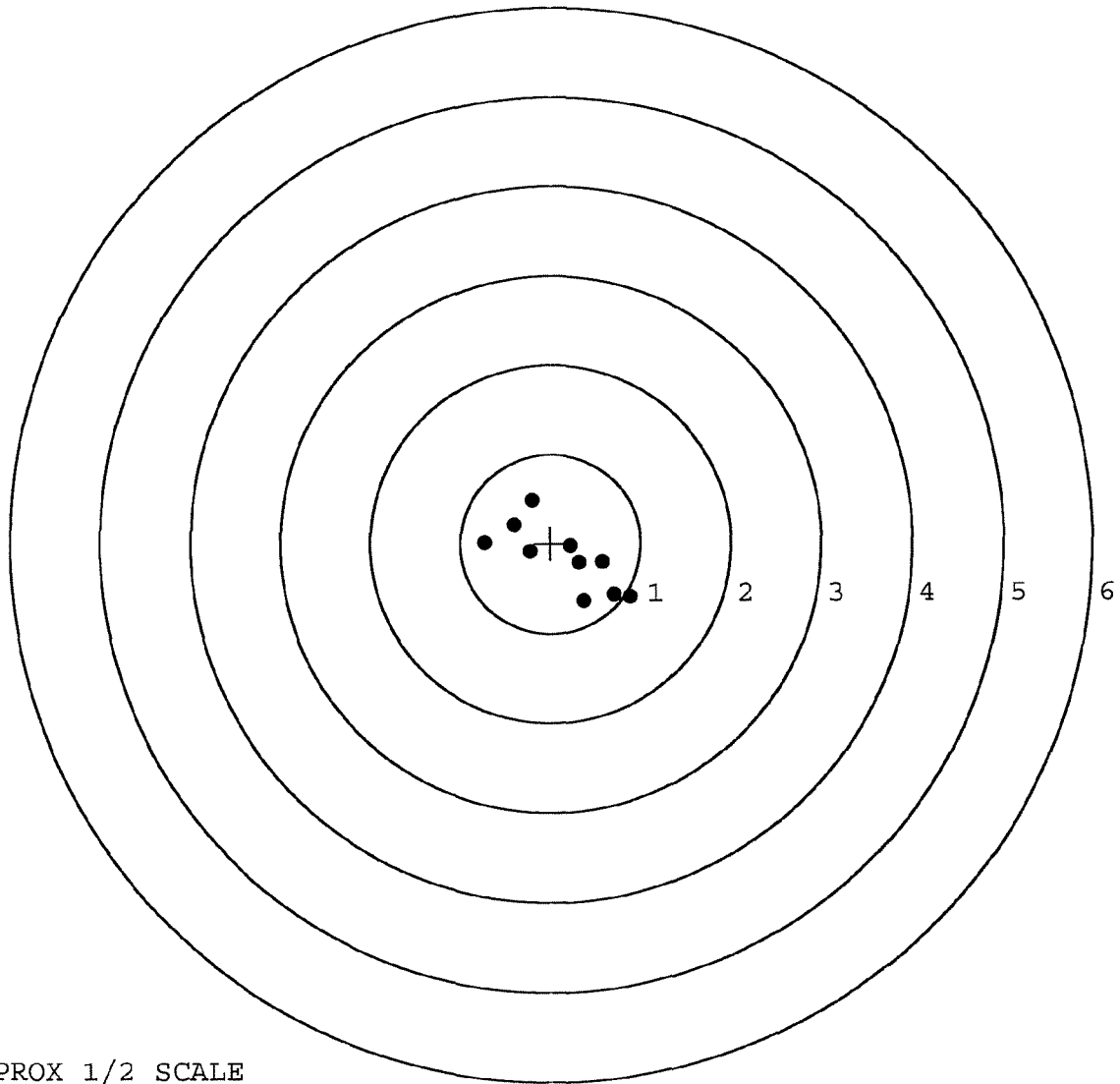
MEAN RADIUS: 0.551

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.211 | 0.482  |
| 2:     | -0.410 | 0.209  |
| 3:     | -0.229 | -0.095 |
| 4:     | -0.727 | 0.011  |
| 5:     | 0.223  | -0.036 |
| 6:     | 0.316  | -0.218 |
| 7:     | 0.576  | -0.213 |
| 8:     | 0.701  | -0.570 |
| 9:     | 0.884  | -0.596 |
| 10:    | 0.369  | -0.643 |



TARGET APPROX 1/2 SCALE



AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)  
 3.00 LBS (plus or minus 0.75 LBS)  
 4.00 LBS (plus or minus 1.00 LBS)

DATE 3-30-06TESTER TRW & R.P.

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER<br>50 CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.55                | 2.79                        |                                   | 2.41  |          |
| PULL #2 | 2.71                | 2.66                        |                                   | 2.44  |          |
| PULL #3 | 2.77                | 2.67                        |                                   | 2.60  |          |
| PULL #4 | 2.57                | 2.62                        |                                   | 2.55  |          |
| PULL #5 | 2.61                | 2.50                        |                                   | 2.50  |          |
| TOTAL   | 13.21               | 13.24                       |                                   | 12.50 |          |
| AVERAGE | 2.64                | 2.64                        |                                   | 2.50  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.17                | 3.35                        |  |          |
| PULL #2 | 3.36                | 3.35                        |  |          |
| PULL #3 | 3.30                | 3.49                        |  |          |
| PULL #4 | 3.36                | 3.50                        |  |          |
| PULL #5 | 3.41                | 3.54                        |  |          |
| TOTAL   | 16.60               | 17.23                       |  |          |
| AVERAGE | 3.32                | 3.44                        |  |          |

|         | 4.00 LBS<br>INITIAL | 4.00 LBS AFTER<br>20 CYCLES | MAX SETTING GREATER<br>THAN 4 LBS | RESET TO 4 LBS FOR<br>TARGET & ACCURACY |
|---------|---------------------|-----------------------------|-----------------------------------|-----------------------------------------|
| PULL #1 | 4.38                | 4.14                        |                                   | 4.14                                    |
| PULL #2 | 4.05                | 4.14                        |                                   | 4.15                                    |
| PULL #3 | 4.13                | 4.17                        |                                   | 4.15                                    |
| PULL #4 | 4.05                | 3.89                        |                                   | 4.06                                    |
| PULL #5 | 4.09                | 4.11                        |                                   | 4.20                                    |
| TOTAL   | 20.70               | 20.45                       |                                   | 20.70                                   |
| AVERAGE | 4.14                | 4.09                        |                                   | 4.14                                    |

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

|                     |                                |                     |         |
|---------------------|--------------------------------|---------------------|---------|
| R & E NUMBER        | 110480                         |                     |         |
| SERIAL NUMBER       | C6522268                       |                     |         |
| LOG-IN DATE         | 3-29-06                        |                     |         |
| INSPECT AND VERIFY: |                                |                     |         |
| OPERATION #         | OPERATION NAME                 | DATE                | INITIAL |
| 550                 | DIS-ASSEMBLE GUN               | 3-31-06             | RTL     |
| 560 A               | RE-BARREL                      | 4-3-06              | RTL     |
| B                   | DRILL AND TAP                  | 4-4-06              | TRW     |
| 575                 | ASSEMBLE <del>MAGNA-FLUX</del> | 4-4-06              | RTL     |
| 600                 | PROOF <del>INSPECTED</del>     | 4-4-06              | TRW     |
| 605                 | CHECK HEADSPACE                | 4-4-06              | TRW     |
| 610                 | DIS-ASSEMBLE GUN               | 4-4-06              | RTL     |
| 612                 | MAGNAFLUX <del>APD</del>       | 4-5-06              | APD     |
| 615                 | ROLLMARK CALIBER               | 4-5-06              | CW      |
| 618                 | ROTO-BLAST                     | 4-5-06              | LB      |
| 620                 | APPLY COATINGS                 | 4-10-06             | TRW     |
| 625 A               | FINAL ASSEMBLY                 | 4-10-06             | RTL     |
| B                   | TRIGGER PULL TEST              | 4-12-06             | AC      |
| C                   | SAFETY "ON" FORCE              | 4-12-06             | AC      |
| D                   | SAFETY "OFF" FORCE             | 4-12-06             | AC      |
| E                   | FIRING PIN INDENT              | 4-12-06             | AC      |
| 640                 | TARGET                         | 4-11-06             | MJM     |
| 655                 | FINAL INSPECT                  | 4-12-06             | AC      |
| 660                 | PACK                           | 4-18-06             | APD     |
|                     |                                | SHIP DATE           |         |
|                     |                                | QAR INSPECTION DATE |         |

| MAINTENANCE REQUEST<br>For use of this form, see DA PAM 738-750 and 738-751;<br>the proponent agency is DCSLOG                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                         |                          |                                                                                                                                                                                                                                                                                                                                                                        | PAGE NO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | NO OF PAGES                       | REQUIREMENT CONTROL SYMBOL<br>CSGLD-1047(R7) |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------|--|
| SECTION I - CUSTOMER DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                         |                          |                                                                                                                                                                                                                                                                                                                                                                        | SECTION II - MAINTENANCE ACTIVITY DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                   |                                              |  |
| 1a. UIC CUSTOMER<br>WJKDCO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1b. CUSTOMER UNIT NAME<br>C Co 3/89 CAY | 1c. PHONE NO<br>531-8281 | 3a. WORK ORDER NUMBER (WON)                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3b. SHOP                          | 3c. PHONE NO                                 |  |
| 2a. SAMS-2 UIC/SAMS-I/DA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2b. UTILIZATION CODE                    | 2c. MCSR                 | 4a. UIC SUPPORT UNIT                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4b. SUPPORT UNIT NAME             |                                              |  |
| SECTION III - EQUIPMENT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                         |                          |                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                   |                                              |  |
| 5. TYPE MNT REQ CODE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 6. ID                                   | 7. NSN<br>1005012402136  | 15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code)<br>See DA Pamphlets 738-750 and 738-751                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 16. MILES/KILOMETERS/HOURS/ROUNDS |                                              |  |
| 8. MODEL<br>m24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 9. NOUN<br>Shiper Rifle                 |                          | 15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code)<br>See DA Pamphlets 738-750 and 738-751                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | M                                 | K                                            |  |
| 10a. ORG WON/DOC NO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10b. EIC                                |                          |                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | H                                 | R                                            |  |
| 11. SERIAL NUMBER<br>64999268                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 12. QTY<br>1                            | 13. PD<br>05             | 17. PROJECT CODE (if assigned)                                                                                                                                                                                                                                                                                                                                         | 18. ACCOUNT PROCESSING CODE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 19. IN WARRANTY? (enter Y or N)   | 20. ADMIN NO                                 |  |
| 14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                         |                          | 21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 22. LEVEL OF WORK                 |                                              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                         |                          | 23. SIGNATURE<br>Jon R. Gardner                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                   |                                              |  |
| 24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)<br>The weapon is showing signs of being shot out.<br>The round count is 8,121 rounds.                                                                                                                                                                                                                                                                                                                                                  |                                         |                          |                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                   |                                              |  |
| 25. REMARKS<br>Poc. SSG Thomas Bailey<br>337-531-8287                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                         |                          |                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                   |                                              |  |
| PREPARATION INSTRUCTIONS FOR THIS PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                         |                          |                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                   |                                              |  |
| SECTION I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                         |                          |                                                                                                                                                                                                                                                                                                                                                                        | SECTION III (Cont'd)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                   |                                              |  |
| Block 1a. Enter UIC of submitting organization.<br>Block 1b. Enter name of submitting organization.<br>Block 1c. Enter number to be called when maint. is completed.<br>Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/DA if work is requested while intransit and away from your support maintenance unit.<br>Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751.<br>Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.                                                                                                                 |                                         |                          |                                                                                                                                                                                                                                                                                                                                                                        | Block 12. Enter the quantity of items being submitted.<br>Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1.<br>Block 14. For DSU, GSU/AVIM, DEPOT use.<br>Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751.<br>Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751.<br>Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting.<br>Block 17. Enter the project code if one has been assigned. If not, leave blank.<br>Block 18. See DA Pamphlets 738-750 and 738-751.<br>Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty.<br>Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted.<br>Block 21. For DSU/GSU/AVIM/Depot use.<br>Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act.<br>Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank.<br>Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint.<br>Block 25. Self-explanatory. |                                   |                                              |  |
| SECTION II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                         |                          |                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                   |                                              |  |
| Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                         |                          |                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                   |                                              |  |
| SECTION III                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                         |                          |                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                   |                                              |  |
| Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751.<br>Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751.<br>Block 7. Enter the NSN or stock number of the item being submitted.<br>Block 8. Enter model of item being submitted.<br>Block 9. Enter noun/nomenclature of item being submitted.<br>Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank.<br>Block 10b. Enter End Item Code. See AMDF.<br>Block 11. Enter serial number of item being submitted. |                                         |                          |                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                   |                                              |  |
| 34a. SUBMITTED BY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 35a. ACCEPTED BY                        | 35c. DATE                |                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                   |                                              |  |
| 34b. DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 35b. STATUS                             | 35d. TIME                |                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                   |                                              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                         |                          | Block 34a. Enter first initial and last name of submitter.<br>Block 34b. Enter ordinal date submitted (YYDDD).<br>Block 35a. Enter first initial and last name of person accepting maint. request.<br>Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751.<br>Block 35c. Enter ordinal date accepted (YYDDD).<br>Block 35d. Enter military time. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                   |                                              |  |

DA FORM 2407, JUL 94

PREVIOUS EDITIONS OF DA FORM 2407 AND DA FORM 5504 ARE OBSOLETE

RECEIPT COPY 1



**Remington®**  
REG. U.S. PAT. & TM. OFF.

**MODEL 700™ H24**

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

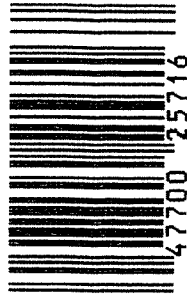
**DU PONT**

|                               |                          |
|-------------------------------|--------------------------|
| <b>SERIAL NO.</b><br>C6522268 | <b>ORDER NO.</b><br>5716 |
|-------------------------------|--------------------------|

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

Ø1

UPC



0 47700 25716 7



5716 C6522268

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522268

| OP. #     | OP. NAME                                                 | READINGS | DATE    | INIT |
|-----------|----------------------------------------------------------|----------|---------|------|
| 575 & 580 | Assemble Action and Stock                                |          | 8/1/90  | KS   |
| 600       | Proof                                                    |          | 8/1/90  | KS   |
| 607       | Check Headspace                                          |          | 8/1/90  | KS   |
| 610       | Dis-assemble Gun                                         |          | 8/1/90  | KS   |
| 612       | Magnaflux Barrel Action                                  |          | 8/7/90  | KR   |
|           | Magnaflux Bolt                                           |          | 8/7/90  | KR   |
| 615       | Rollmark Caliber                                         |          | 8/7/90  | LS   |
| 617       | Drill and Tap Sight Holes                                |          | 8/10/90 | LS   |
| 618       | Polish Barrel <i>LS</i>                                  |          | 8/14/90 | LS   |
| 620       | Apply Coatings (Barrel Action)                           |          | 8-22-90 | TJA  |
|           | Apply Coating (Bolt)                                     |          |         |      |
| 625       | Final Assembly                                           |          |         |      |
|           | A) Clean inside of Bolt Assembly                         |          |         |      |
|           | B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head |          |         |      |
|           | C) Inspect Ejector Hole for Chamfer                      |          |         |      |
|           | D) Oil Firing Pin Ass'y                                  |          |         |      |
|           | E) Adjust Trigger Pull to Min Setting and Stake          |          | 9/6/90  | WB   |

| op. #        | OP. NAME                                                    | READINGS |       |       |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------|----------|-------|-------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                          | 4 1/2    | 4 1/2 | 4 1/2 |      |      | 9/6/90  | WB   |
|              | G) Safety Off Force                                         | 2 1/4    | 2 1/4 | 2 1/4 |      |      | 9/6/90  | WB   |
|              | H) Trigger Pull Test & Retainability                        |          |       |       |      |      | 9/6/90  | WB   |
|              | I) Firing Pin Indent                                        | .023     | .023  | .023  |      |      | 9/6/90  | WB   |
|              | J) Assemble Stock                                           |          |       |       |      |      | 9/6/90  | KS   |
|              | K) Assemble Swivel Studs                                    |          |       |       |      |      | 9/13/90 | KS   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |       |       |      |      | 9/6/90  | KS   |
|              | M) Iron Sight Alignment                                     |          |       |       |      |      | 9/6/90  | KS   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |       |       |      |      | 9/6/90  | KS   |
|              | O) Attach Scope to Rifle                                    |          |       |       |      |      | 9/6/90  | KS   |
|              | P) Detach & Attach Scope 20 Times                           |          |       |       |      |      | 9/6/90  | KS   |
| 640          | Gallery Target & Test                                       |          |       |       |      |      | 9/8/90  | KJ   |
|              | A) Time                                                     |          |       |       |      |      | 9/8/90  | KJ   |
|              | B) Malfunctions                                             |          |       |       |      |      | 9/8/90  | KJ   |
|              | C) Pierced Primers                                          |          |       |       |      |      | 9/8/90  | KJ   |
|              | D) Optical Clarity of Scope                                 |          |       |       |      |      | 9/8/90  | KJ   |
| 645          | Inspect for Live Ammo                                       |          |       |       |      |      | 9-8-90  | KJ   |
| 655          | Final Inspection                                            |          |       |       |      |      |         |      |
|              | A) Headspace                                                |          |       |       |      |      | 9/13/90 | KS   |
|              | B) Trigger Pull                                             | 2.10     | 2.20  | 2.18  | 2.27 | 2.25 | 9-12-90 | AL   |
|              | C) Function                                                 |          |       |       |      |      | 9/13/90 | KS   |
| 660          | Pack                                                        |          |       |       |      |      | 9/19/90 | AF   |

| TEST INIT. ACTION TO CORRECT |                         | ASSEM.<br># |
|------------------------------|-------------------------|-------------|
| PROOF                        | <i>adjusted Mag Box</i> | <i>KS</i>   |
| TEST                         |                         |             |
| TGT                          |                         |             |
| PROOF                        |                         |             |
| TEST                         |                         |             |
| TGT                          |                         |             |
| PROOF                        | ENGINEER                |             |
| TEST                         |                         |             |
| TGT                          |                         |             |
| PROOF                        | ENGINEER                |             |
| TEST                         |                         |             |
| TGT                          |                         |             |



| MOD. _____ |      | GA.<br>CAL. _____    | GUN<br># _____ |
|------------|------|----------------------|----------------|
| #<br>TEST  | DATE | MALFUNCTION/DEFECT   | ASSEM.<br>#    |
|            | 1st  | Tight<br>mag.<br>Box |                |
|            | 2nd  |                      |                |
|            | 3rd  |                      |                |
|            | 4th  |                      |                |
|            |      | FUNCTION             | RD 6654 Rev 1  |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C 6522268  
DATE 9/6/90  
TESTER WB

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |     | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-----|------------------------------------------------------------------------|
| PULL #1 | 2.38             | 2.20                     | 2.12                           | 210 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.46             | 2.19                     | 2.19                           | 220 |                                                                        |
| PULL #3 | 2.42             | 2.13                     | 2.13                           | 218 |                                                                        |
| PULL #4 | 2.44             | 2.12                     | 2.11                           | 227 |                                                                        |
| PULL #5 | 2.49             | 2.11                     | 2.06                           | 225 |                                                                        |
| TOTAL   | 12.19            | 10.75                    | 10.61                          |     |                                                                        |
| AVG.    | 2.44             | 2.15                     | 2.12                           |     |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.87             | 3.10                     |  |          |
| PULL #2 | 3.18             | 3.11                     |  |          |
| PULL #3 | 3.18             | 3.13                     |  |          |
| PULL #4 | 3.07             | 3.11                     |  |          |
| PULL #5 | 3.09             | 3.12                     |  |          |
| TOTAL   | 15.69            | 15.47                    |  |          |
| AVG.    | 3.14             | 3.09                     |  |          |

|         | 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 | 4.19             | 4.00                     |                                | 4.34                                 |
| PULL #2 | 4.16             | 4.03                     |                                | 4.39                                 |
| PULL #3 | 4.14             | 4.02                     |                                | 4.22                                 |
| PULL #4 | 4.16             | 4.04                     |                                | 4.24                                 |
| PULL #5 | 4.08             | 4.02                     |                                | 4.17                                 |
| TOTAL   | 20.73            | 20.11                    |                                | 21.36                                |
| AVG.    | 4.14             | 4.02                     |                                | 4.27                                 |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6522268  
8 Sep 1990

CENTROIDAL DISTANCES

|      |   |          |
|------|---|----------|
| 0 TO | 1 | .188024  |
| 1 TO | 2 | .306139  |
| 1 TO | 3 | .246293  |
| 1 TO | 4 | .0360694 |
| 1 TO | 5 | .198565  |

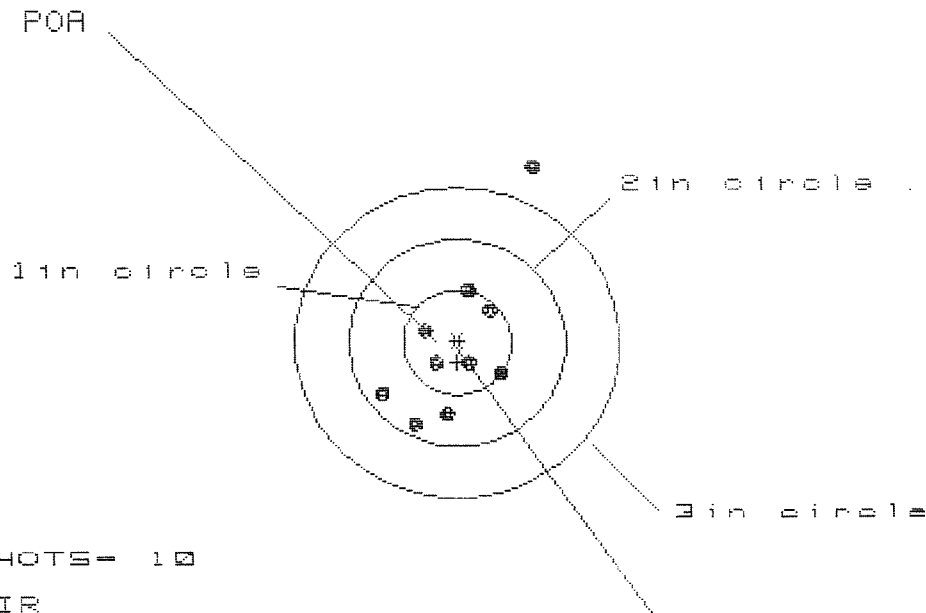
$\bar{x}^2$  <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0092  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1486  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .148885  
THE AMR FOR THIS RIFLE IS: .984

8 Sep 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C8522268

## CENTERFIRE PATTERNS # 1



# OF SHOTS = 10

# IN CIR

1in = 5

2in = 9

3in = 9

HS = 1.393

VS = 2.459

GS = 2.713

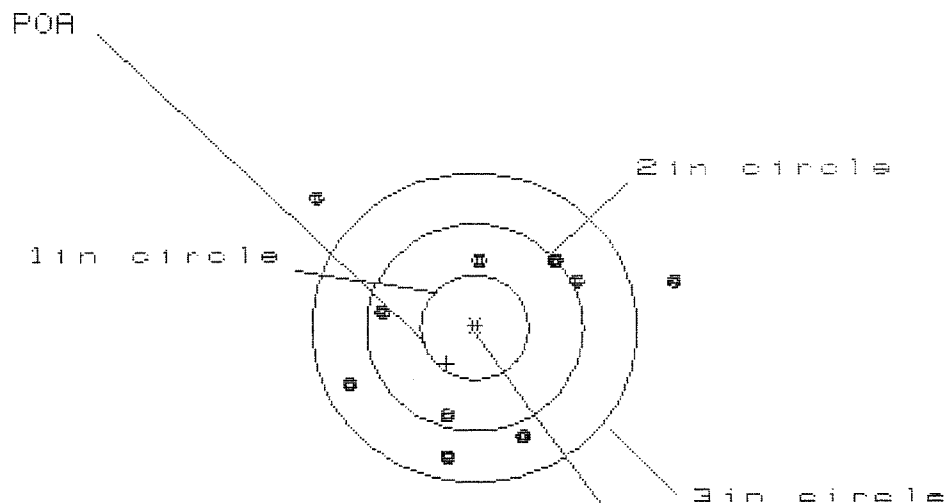
CENTROID \*

| PATTERN #                     | 1     | 2     | 3     |
|-------------------------------|-------|-------|-------|
| SHOTS (BEST OF)               | 10    | 9     | 8     |
| MAXIMUM X                     | .742  | .513  | .473  |
| MINIMUM X                     | -.651 | -.569 | -.609 |
| MAXIMUM Y                     | 1.692 | .665  | .592  |
| MINIMUM Y                     | -.767 | -.579 | -.583 |
| CENTROID X                    | -.003 | -.085 | -.045 |
| CENTROID Y                    | .188  | .000  | .073  |
| POA TO CENTROID in.           | .188  | .085  | .085  |
| MIN RADIUS                    | .176  | .091  | .115  |
| MEAN RADIUS                   | .637  | .469  | .439  |
| MAX RADIUS                    | 1.847 | .679  | .725  |
| HORIZONTAL SPREAD             | 1.393 | 1.082 | 1.082 |
| VERTICAL SPREAD               | 2.459 | 1.244 | 1.175 |
| EXTREME SPREAD                | 2.713 | 1.327 | 1.282 |
| NUMBER IN ONE INCH CIRCLE =   | 5     |       |       |
| NUMBER IN TWO INCH CIRCLE =   | 9     |       |       |
| NUMBER IN THREE INCH CIRCLE = | 9     |       |       |

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FILE:/PATTERNING/CENTERFIRE\_PATT/C8522268

## CENTERFIRE PATTERNS # 2



# OF SHOTS - 10

# IN CIR

1in = 0

2in = 4

3in = 8

HS = 3.307

VS = 2.482

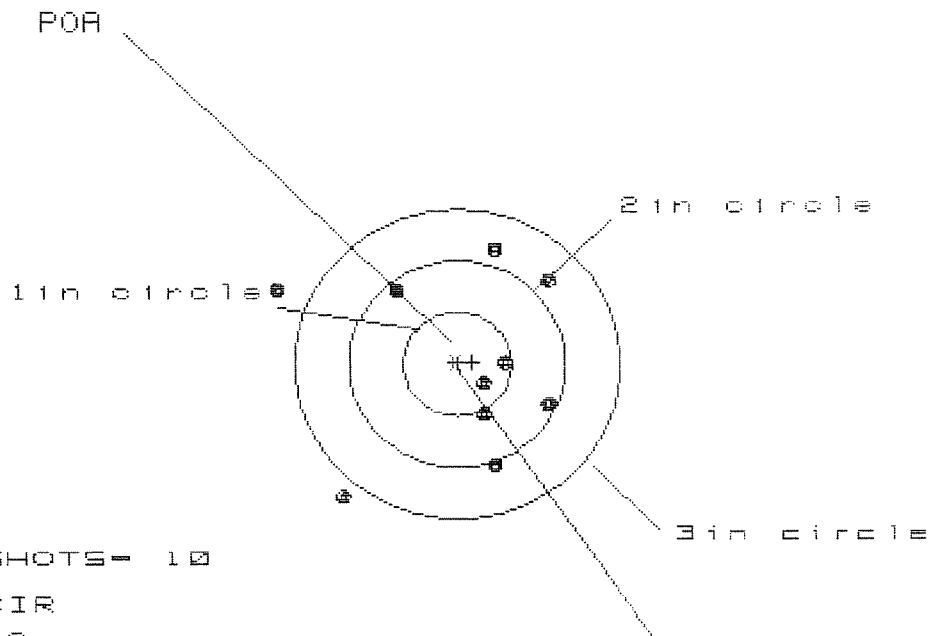
GS = 3.403

| PATTERN #                   | : | 2      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.831  | 1.667  | .954   |
| MINIMUM X                   | : | -1.476 | -1.344 | -1.136 |
| MAXIMUM Y                   | : | 1.265  | .830   | .905   |
| MINIMUM Y                   | : | -1.217 | -1.077 | -1.002 |
| CENTROID X                  | : | .258   | .422   | .214   |
| CENTROID Y                  | : | .348   | .208   | .133   |
| POA TO CENTROID in.         | : | .434   | .471   | .252   |
| MIN RADIUS                  | : | .694   | .834   | .678   |
| MEAN RADIUS                 | : | 1.192  | 1.099  | .991   |
| MAX RADIUS                  | : | 1.944  | 1.772  | 1.180  |
| HORIZONTAL SPREAD           | : | 3.307  | 3.011  | 2.090  |
| VERTICAL SPREAD             | : | 2.482  | 1.907  | 1.907  |
| EXTREME SPREAD              | : | 3.403  | 3.169  | 2.305  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 0      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |        |

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FILE:/PATTERNING/CENTERFIRE\_PATT/C6522268

## CENTERFIRE PATTERNS # 3



# OF SHOTS = 10

# IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 2.528

VS = 2.384

GS = 2.865

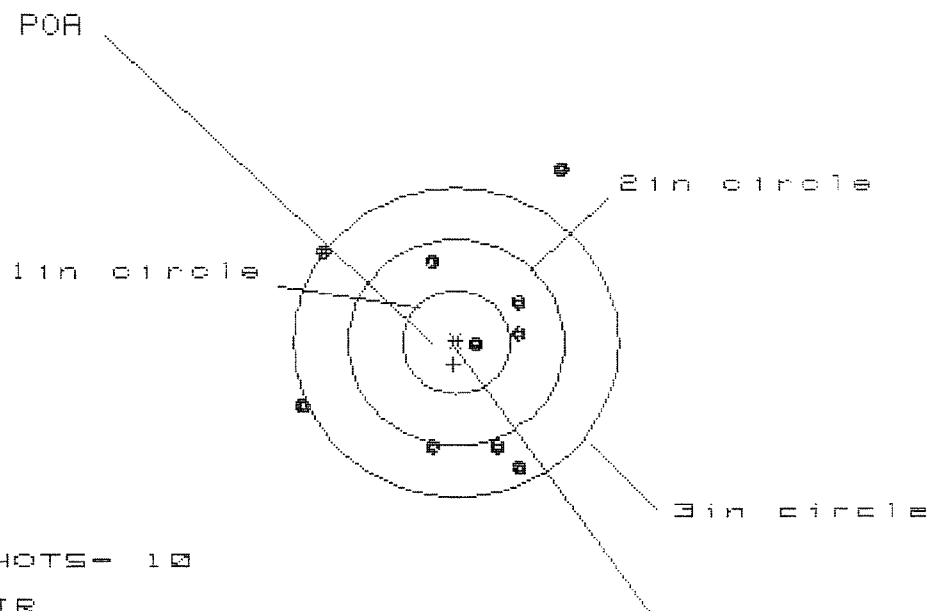
CENTROID #

| PATTERN #                   | : | 3      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | .867   | .683   | .524   |
| MINIMUM X                   | : | -1.661 | -1.273 | -.873  |
| MAXIMUM Y                   | : | 1.084  | 1.163  | 1.010  |
| MINIMUM Y                   | : | -1.300 | -1.221 | -1.096 |
| CENTROID X                  | : | -.141  | .043   | .202   |
| CENTROID Y                  | : | -.016  | -.095  | .058   |
| POA TO CENTROID in.         | : | .142   | .104   | .211   |
| MIN RADIUS                  | : | .308   | .132   | .102   |
| MEAN RADIUS                 | : | .991   | .834   | .704   |
| MAX RADIUS                  | : | 1.806  | 1.764  | 1.096  |
| HORIZONTAL SPREAD           | : | 2.528  | 1.956  | 1.397  |
| VERTICAL SPREAD             | : | 2.384  | 2.384  | 2.106  |
| EXTREME SPREAD              | : | 2.865  | 2.865  | 2.107  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |        |

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FILE:/PATTERNING/CENTERFIRE\_PATT/08522268

## CENTERFIRE PATTERNS # 4

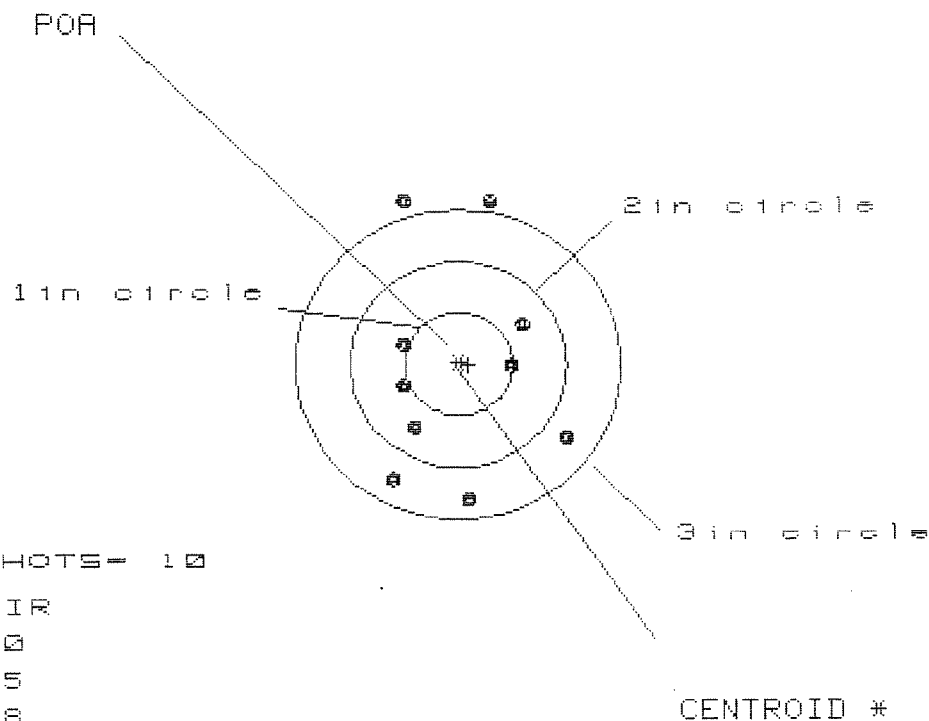


| PATTERN #                     | 4      | 9      | 8      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | .938   | .730   | .587   |
| MINIMUM X                     | -1.422 | -1.318 | -1.461 |
| MAXIMUM Y                     | 1.688  | 1.104  | 1.151  |
| MINIMUM Y                     | -1.217 | -1.030 | -.891  |
| CENTROID X                    | .023   | -.081  | .062   |
| CENTROID Y                    | .213   | .026   | -.113  |
| POA TO CENTROID in.           | .214   | .085   | .129   |
| MIN RADIUS                    | .159   | .340   | .375   |
| MEAN RADIUS                   | 1.076  | .993   | .887   |
| MAX RADIUS                    | 1.931  | 1.592  | 1.486  |
| HORIZONTAL SPREAD             | 2.360  | 2.048  | 2.048  |
| VERTICAL SPREAD               | 2.905  | 2.134  | 2.043  |
| EXTREME SPREAD                | 3.283  | 2.794  | 2.203  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 4      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 7      |        |        |

6 Sep 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C8522268

## CENTERFIRE PATTERNS # 5



# OF SHOTS = 10

# IN CIR

1in = 0

2in = 5

3in = 8

HS = 1.542

VS = 2.972

GS = 3.048

| PATTERN #                     | 5      |        |       |
|-------------------------------|--------|--------|-------|
| SHOTS (BEST OF)               | 10     | 9      | 8     |
| MAXIMUM X                     | .963   | .903   | .936  |
| MINIMUM X                     | -.579  | -.639  | -.686 |
| MAXIMUM Y                     | 1.635  | 1.815  | .839  |
| MINIMUM Y                     | -1.337 | -1.156 | -.929 |
| CENTROID X                    | -.091  | -.031  | -.064 |
| CENTROID Y                    | .010   | -.171  | -.398 |
| POA TO CENTROID in.           | .092   | .174   | .403  |
| MIN RADIUS                    | .534   | .506   | .496  |
| MEAN RADIUS                   | 1.024  | .926   | .792  |
| MAX RADIUS                    | 1.721  | 1.834  | 1.025 |
| HORIZONTAL SPREAD             | 1.542  | 1.542  | 1.542 |
| VERTICAL SPREAD               | 2.972  | 2.971  | 1.768 |
| EXTREME SPREAD                | 3.048  | 2.977  | 1.918 |
| NUMBER IN ONE INCH CIRCLE =   |        | 0      |       |
| NUMBER IN TWO INCH CIRCLE =   |        | 5      |       |
| NUMBER IN THREE INCH CIRCLE = |        | 8      |       |