

05225443

MODEL 700™ M24

Model **SMS**™

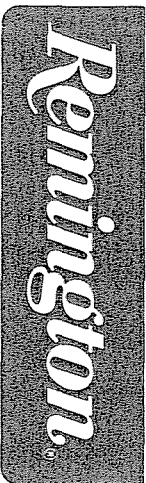
Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.



**Remington®**



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

**MODEL 700™ H24**

**SERIAL NO.  
C6225443**

**ORDER NO.  
5716**

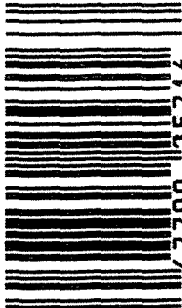
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

Ø1



5716 C6225443

**UPC**



0 47700 25716 7

## Repair Inquiry

Repair Number: RE00142406

Serial: C6225443 Model M24 SWS Center Fire  
Caliber: 7.62 NATO Produced: 09/19/1989

Repairman:

Verify Repair

Status:

Closed 3/4/2008 7:21:44 AM

## Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name:

Address 1:

Address 2:

PO Box:

City: FORT BRAGG

FORT BRAGG

PO Box:

State: NC

Zip Code: 28310

Country: US

State: NC

Zip Code: 28310

Country: US

FFL:

## Contact / Condition

## Problems

## Estimate

## History / Status

## Shipping / Billing

## Contact Information

Phone: NN

Fax:

Email:

Comments:

## Received Condition

Fair

Condition  
Notes:CSR  
Notes:

## Accessories Received

| Code | Desc                  | Qty |
|------|-----------------------|-----|
| A006 | Sling Strap           | 1   |
| A007 | With Stud             | 3   |
| A008 | With Swivel           | 3   |
| A010 | Hard Case             | 1   |
| A026 | Scope                 | 1   |
| A045 | Bi Pod                | 1   |
| A057 | Frt and Rear Sgt Base | 1   |

Repair Search

Refresh

Close

nagletj

3/4/2008

9:15 AM

C4PS

NUM

H start

5 M

Inb...

4 M

Par...

Ar...

2 S...

My...

...

...

...

Serial Number: C6225443

Model: M24 SWS



RE00142406

|                                                            |  |  |                                       |  |  |                        |  |  |                             |  |  |                                                                                                           |  |  |              |  |  |                                                                                                        |  |  |  |  |  |                                   |  |   |  |  |  |                                 |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |  |
|------------------------------------------------------------|--|--|---------------------------------------|--|--|------------------------|--|--|-----------------------------|--|--|-----------------------------------------------------------------------------------------------------------|--|--|--------------|--|--|--------------------------------------------------------------------------------------------------------|--|--|--|--|--|-----------------------------------|--|---|--|--|--|---------------------------------|--|--|--|--|--|---------------|--|--|--|--|--|--|--|--|--|--|--|
| 1a. UIC CUSTOMER<br>UNDA/AD                                |  |  | 1b. CUSTOMER UNIT NAME<br>AC 21745000 |  |  | 1c. PHONE NO<br>2-0854 |  |  | 3a. WORK ORDER NUMBER (WOM) |  |  | 3b. SHOP                                                                                                  |  |  | 3c. PHONE NO |  |  |                                                                                                        |  |  |  |  |  |                                   |  |   |  |  |  |                                 |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |  |
| 2a. SAMS-2 UIC/SAMS-1/TDA                                  |  |  |                                       |  |  | 2b. UTILIZATION CODE   |  |  |                             |  |  | 2c. MCSR                                                                                                  |  |  |              |  |  | 4a. UIC SUPPORT UNIT                                                                                   |  |  |  |  |  | 4b. SUPPORT UNIT NAME             |  |   |  |  |  |                                 |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |  |
| SECTION III - EQUIPMENT DATA                               |  |  |                                       |  |  |                        |  |  |                             |  |  |                                                                                                           |  |  |              |  |  |                                                                                                        |  |  |  |  |  |                                   |  |   |  |  |  |                                 |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |  |
| 5. TYPE MNT REQ CODE                                       |  |  |                                       |  |  | 6. ID                  |  |  |                             |  |  | 7. NSN<br>1005012402136                                                                                   |  |  |              |  |  | 15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code)<br>See DA Pamphlets 738-750 and 738-751 |  |  |  |  |  |                                   |  |   |  |  |  |                                 |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |  |
| 8. MODEL                                                   |  |  |                                       |  |  |                        |  |  |                             |  |  | 15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code)<br>See DA Pamphlets 738-750 and 738-751 |  |  |              |  |  |                                                                                                        |  |  |  |  |  | 16. MILES/KILOMETERS/HOURS/ROUNDS |  |   |  |  |  |                                 |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |  |
| 9. NOUN<br>P.C. 7.62mm SNIP M24                            |  |  |                                       |  |  |                        |  |  |                             |  |  |                                                                                                           |  |  |              |  |  |                                                                                                        |  |  |  |  |  | M                                 |  | K |  |  |  |                                 |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |  |
| 10a. ORG WON/DOC NO                                        |  |  |                                       |  |  |                        |  |  |                             |  |  | 10b. EIC                                                                                                  |  |  |              |  |  |                                                                                                        |  |  |  |  |  | H                                 |  | R |  |  |  |                                 |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |  |
| 11. SERIAL NUMBER<br>C6225443                              |  |  |                                       |  |  | 12. QTY                |  |  |                             |  |  | 13. PD                                                                                                    |  |  |              |  |  | 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 |  |  |  |  |  |  |  |  |  |  |  |

|                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25. REMARKS<br>C6225443                                                                                                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26. TECHNICAL REFERENCES                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

| SECTION IV - TASK REQUIREMENTS DATA |              |               |                       |  |  |  |  |  |  |  |  |                    |                  |                   |              |             |  |  |  |  |  |  |  |
|-------------------------------------|--------------|---------------|-----------------------|--|--|--|--|--|--|--|--|--------------------|------------------|-------------------|--------------|-------------|--|--|--|--|--|--|--|
| 27a. FILE INPUT ACT CD              | 27b. TASK NO | 27c. ACT CODE | 27d. TASK DESCRIPTION |  |  |  |  |  |  |  |  | 27e. QTY TO BE RPR | 27f. WORK CENTER | 27g. FAILURE CODE | 27h. MH PROJ | 27i. MH EXP |  |  |  |  |  |  |  |
|                                     |              |               |                       |  |  |  |  |  |  |  |  |                    |                  |                   |              |             |  |  |  |  |  |  |  |
|                                     |              |               |                       |  |  |  |  |  |  |  |  |                    |                  |                   |              |             |  |  |  |  |  |  |  |
|                                     |              |               |                       |  |  |  |  |  |  |  |  |                    |                  |                   |              |             |  |  |  |  |  |  |  |
|                                     |              |               |                       |  |  |  |  |  |  |  |  |                    |                  |                   |              |             |  |  |  |  |  |  |  |
|                                     |              |               |                       |  |  |  |  |  |  |  |  |                    |                  |                   |              |             |  |  |  |  |  |  |  |
|                                     |              |               |                       |  |  |  |  |  |  |  |  |                    |                  |                   |              |             |  |  |  |  |  |  |  |
|                                     |              |               |                       |  |  |  |  |  |  |  |  |                    |                  |                   |              |             |  |  |  |  |  |  |  |

| SECTION V - PART REQUIREMENTS |                 |                  |                              |                   |                    |                           |                    |                         |                          |                  |                    |  |
|-------------------------------|-----------------|------------------|------------------------------|-------------------|--------------------|---------------------------|--------------------|-------------------------|--------------------------|------------------|--------------------|--|
| 28a. FILE<br>INPUT<br>ACT CD  | 28b. TASK<br>NO | 28c.<br>ID<br>NO | 28d. NSN OR PART NUMBER      | 28e.<br>SFX<br>CD | 28f.<br>QTY<br>RQD | 28g.<br>QTY<br>ISSUED     | 28h.<br>NMCS<br>CD | 28i.<br>FAILURE<br>CODE | 28j. STORAGE<br>LOCATION | 28k.<br>INITIALS | 28l.<br>COST<br>\$ |  |
|                               |                 |                  |                              |                   |                    |                           |                    |                         |                          |                  |                    |  |
|                               |                 |                  |                              |                   |                    |                           |                    |                         |                          |                  |                    |  |
|                               |                 |                  |                              |                   |                    |                           |                    |                         |                          |                  |                    |  |
|                               |                 |                  |                              |                   |                    |                           |                    |                         |                          |                  |                    |  |
|                               |                 |                  |                              |                   |                    |                           |                    |                         |                          |                  |                    |  |
|                               |                 |                  |                              |                   |                    |                           |                    |                         |                          |                  |                    |  |
|                               |                 |                  |                              |                   |                    |                           |                    |                         |                          |                  |                    |  |
| 28m. TOTAL MANHOURS           |                 |                  | 28n. TOTAL MANHOURS COSTS \$ |                   |                    | 28o. TOTAL PARTS COSTS \$ |                    |                         |                          |                  |                    |  |

|                              |  |  |  |  |  |                 |  |  |  |  |  |              |  |  |  |  |  |              |  |  |  |  |  |                    |  |  |  |  |  |
|------------------------------|--|--|--|--|--|-----------------|--|--|--|--|--|--------------|--|--|--|--|--|--------------|--|--|--|--|--|--------------------|--|--|--|--|--|
| SECTION VI - COMPLETION DATA |  |  |  |  |  |                 |  |  |  |  |  |              |  |  |  |  |  |              |  |  |  |  |  |                    |  |  |  |  |  |
| 29. QTY RPR                  |  |  |  |  |  | 30. QTY CONDEMN |  |  |  |  |  | 31. QTY NRTS |  |  |  |  |  | 32. EVAC WON |  |  |  |  |  | 33. EVAC UNIT NAME |  |  |  |  |  |

|                                 |  |             |  |                                |  |             |  |                       |  |           |  |                      |  |           |  |                   |  |             |  |                   |  |           |  |  |  |  |  |
|---------------------------------|--|-------------|--|--------------------------------|--|-------------|--|-----------------------|--|-----------|--|----------------------|--|-----------|--|-------------------|--|-------------|--|-------------------|--|-----------|--|--|--|--|--|
| SECTION VII - ACTION SIGNATURES |  |             |  |                                |  |             |  |                       |  |           |  |                      |  |           |  |                   |  |             |  |                   |  |           |  |  |  |  |  |
| 34a. SUBMITTED BY<br>M. ROMERO  |  |             |  | 35a. ACCEPTED BY<br>T. BENTLEY |  |             |  | 35c. DATE<br>28/02/08 |  |           |  | 36a. WORK STARTED BY |  |           |  | 37a. INSPECTED BY |  |             |  | 38a. PICKED UP BY |  |           |  |  |  |  |  |
| 34b. DATE<br>28/02/08           |  | 35b. STATUS |  | 35d. TIME<br>10:30             |  | 36b. STATUS |  | 36c. DATE             |  | 36d. TIME |  | 37b. STATUS          |  | 37c. DATE |  | 37d. TIME         |  | 38b. STATUS |  | 38c. DATE         |  | 38d. TIME |  |  |  |  |  |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225443.\_\_\_0

FILE DATE AND TIME: 04/08/2008 14:18

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.005 |
| The Average Y Centroid of the Five Target Set:              | 0.094 |
| The Average Point of Impact of the Five Target Set:         | 0.094 |
| The Average Mean Radius of the Five Target Set:             | 0.742 |
| The Distance from POA to Centroid Target #1:                | 0.213 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.191 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.150 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.127 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.288 |

SERIAL NUMBER: C6225443. \_\_0

TARGET NUMBER: 1

FILE DATE: 04/08/2008

FILE TIME: 14:18

X CENTROID: -0.089

Y CENTROID: 0.194

POA TO CENTROID: 0.213

HORZ SPREAD: 2.824

VERT SPREAD: 2.164

GROUP SPREAD: 3.431

MIN RADIUS: 0.358

MAX RADIUS: 1.956

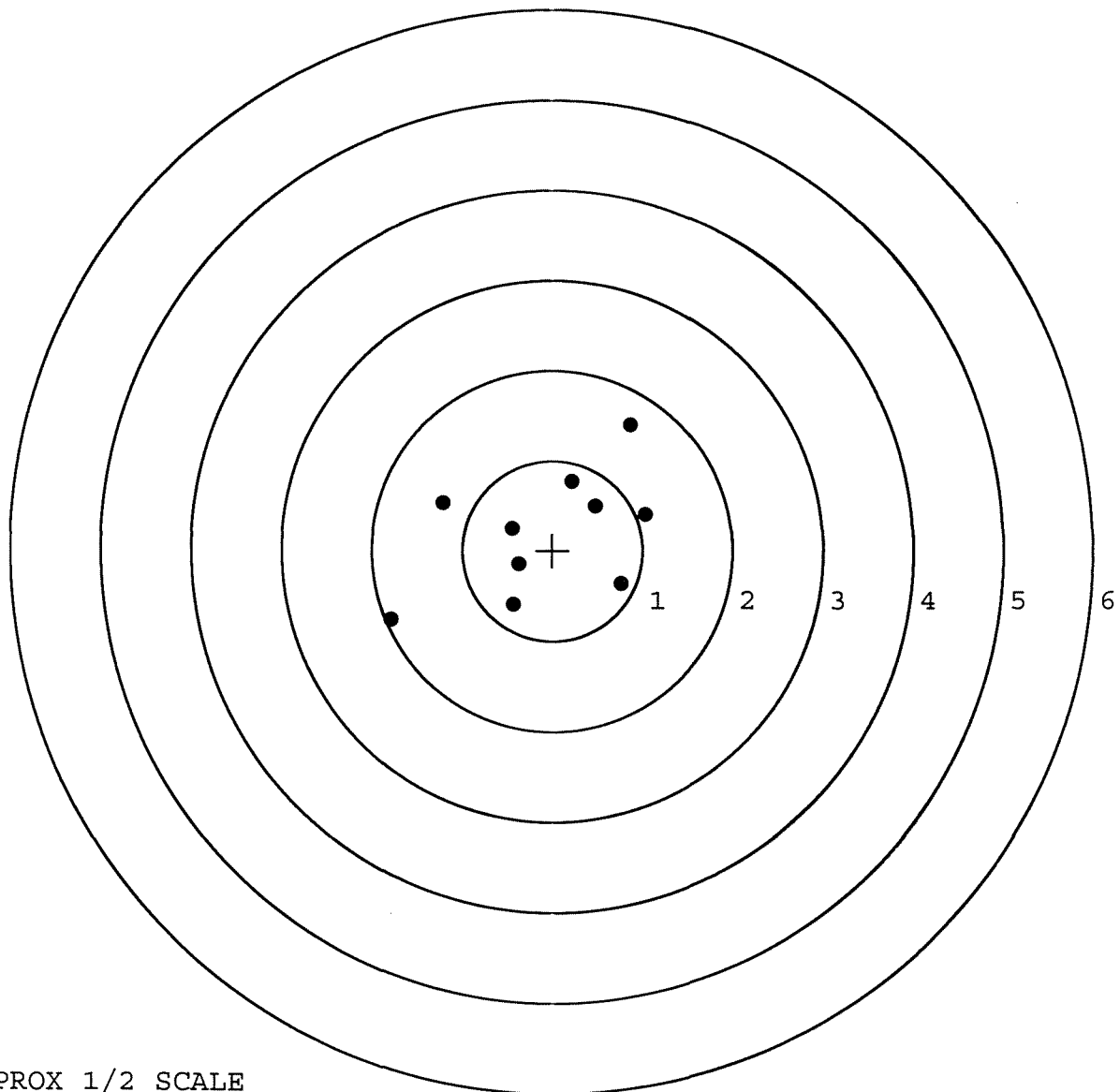
MEAN RADIUS: 0.982

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 5

# in 3 IN DIAMETER: 8

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.871  | 1.395  |
| 2:     | 0.225  | 0.772  |
| 3:     | 0.486  | 0.500  |
| 4:     | 1.033  | 0.401  |
| 5:     | 0.761  | -0.367 |
| 6:     | -0.444 | 0.242  |
| 7:     | -0.378 | -0.158 |
| 8:     | -0.439 | -0.606 |
| 9:     | -1.212 | 0.527  |
| 10:    | -1.791 | -0.769 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225443. 0

TARGET NUMBER: 2

FILE DATE: 04/08/2008

FILE TIME: 14:18

X CENTROID: 0.062

Y CENTROID: 0.077

POA TO CENTROID: 0.099

HORZ SPREAD: 1.617

VERT SPREAD: 1.680

GROUP SPREAD: 2.188

MIN RADIUS: 0.276

MAX RADIUS: 1.353

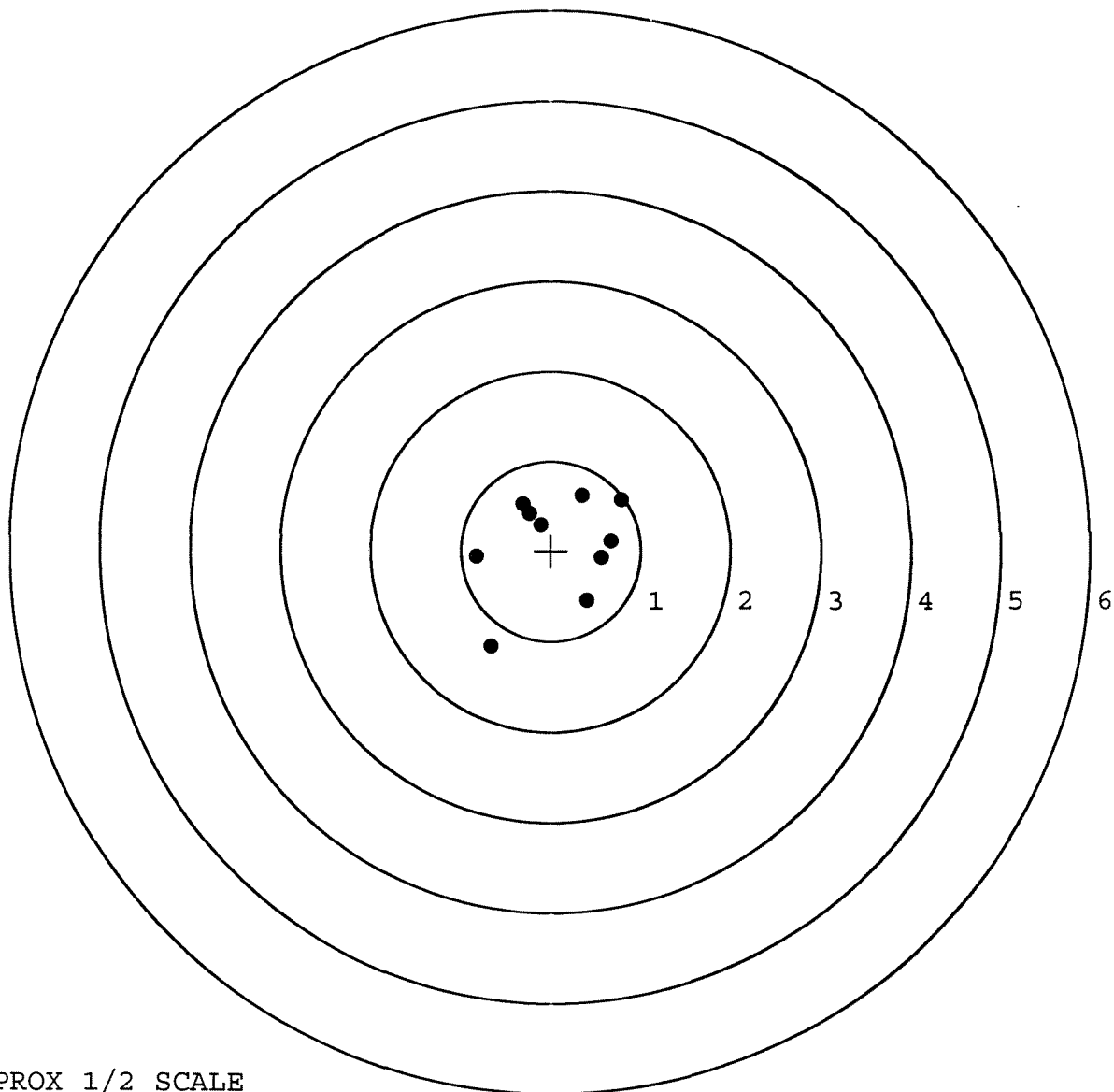
MEAN RADIUS: 0.692

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.313 | 0.523  |
| 2:     | -0.110 | 0.293  |
| 3:     | 0.356  | 0.619  |
| 4:     | 0.786  | 0.572  |
| 5:     | 0.670  | 0.112  |
| 6:     | 0.566  | -0.085 |
| 7:     | 0.401  | -0.557 |
| 8:     | -0.831 | -0.067 |
| 9:     | -0.670 | -1.061 |
| 10:    | -0.236 | 0.419  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225443. \_\_0

TARGET NUMBER: 3

FILE DATE: 04/08/2008

FILE TIME: 14:18

X CENTROID: -0.017

Y CENTROID: 0.062

POA TO CENTROID: 0.065

HORZ SPREAD: 1.757

VERT SPREAD: 2.061

GROUP SPREAD: 2.278

MIN RADIUS: 0.035

MAX RADIUS: 1.240

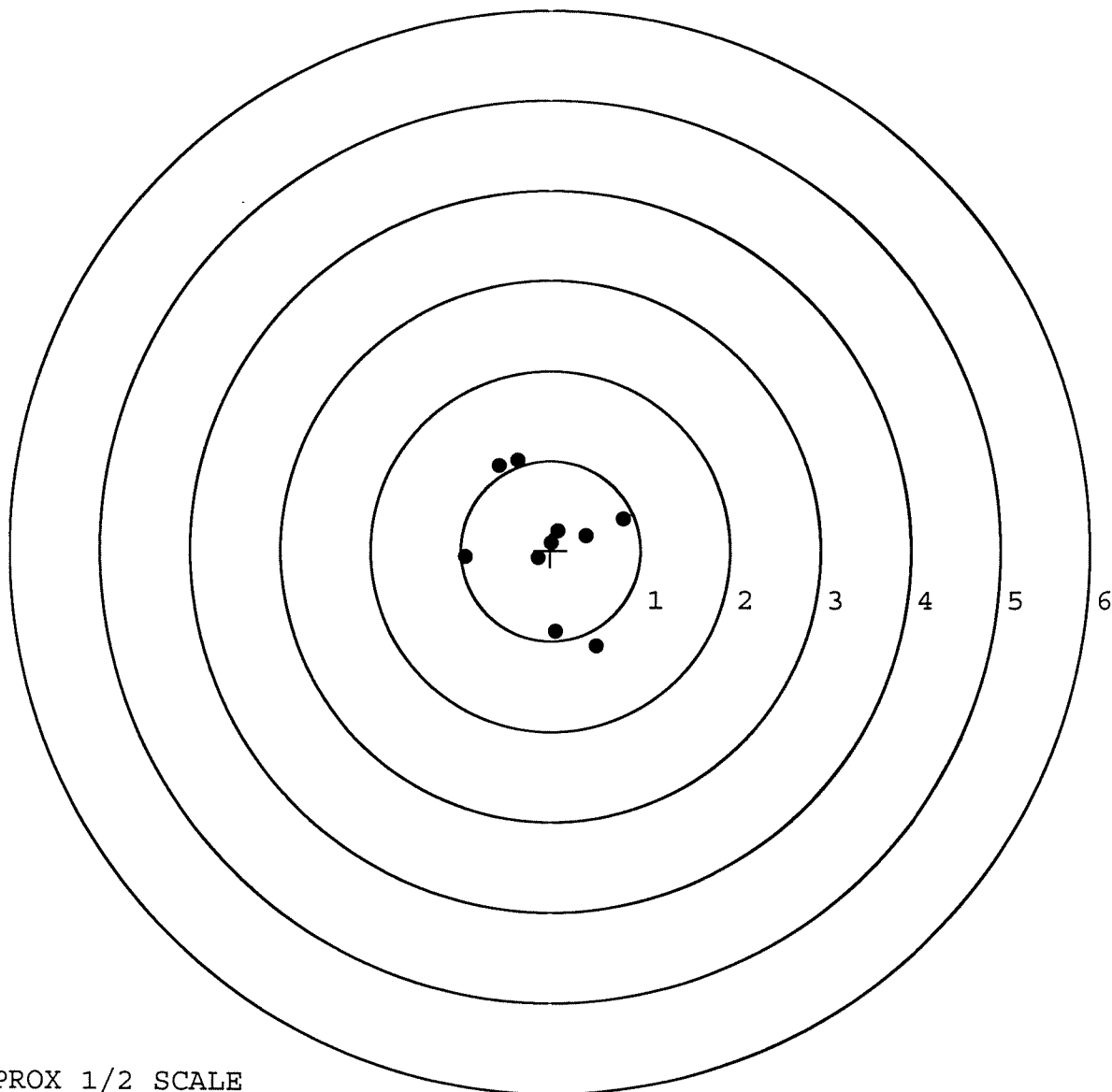
MEAN RADIUS: 0.691

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.575 | 0.943  |
| 2:     | -0.369 | 1.001  |
| 3:     | -0.950 | -0.078 |
| 4:     | -0.142 | -0.090 |
| 5:     | 0.082  | 0.216  |
| 6:     | 0.397  | 0.163  |
| 7:     | 0.807  | 0.349  |
| 8:     | 0.057  | -0.903 |
| 9:     | 0.511  | -1.060 |
| 10:    | 0.011  | 0.083  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225443. \_\_0

TARGET NUMBER: 4

FILE DATE: 04/08/2008

FILE TIME: 14:18

X CENTROID: 0.038

Y CENTROID: 0.204

POA TO CENTROID: 0.208

HORZ SPREAD: 1.050

VERT SPREAD: 1.934

GROUP SPREAD: 1.994

MIN RADIUS: 0.425

MAX RADIUS: 1.263

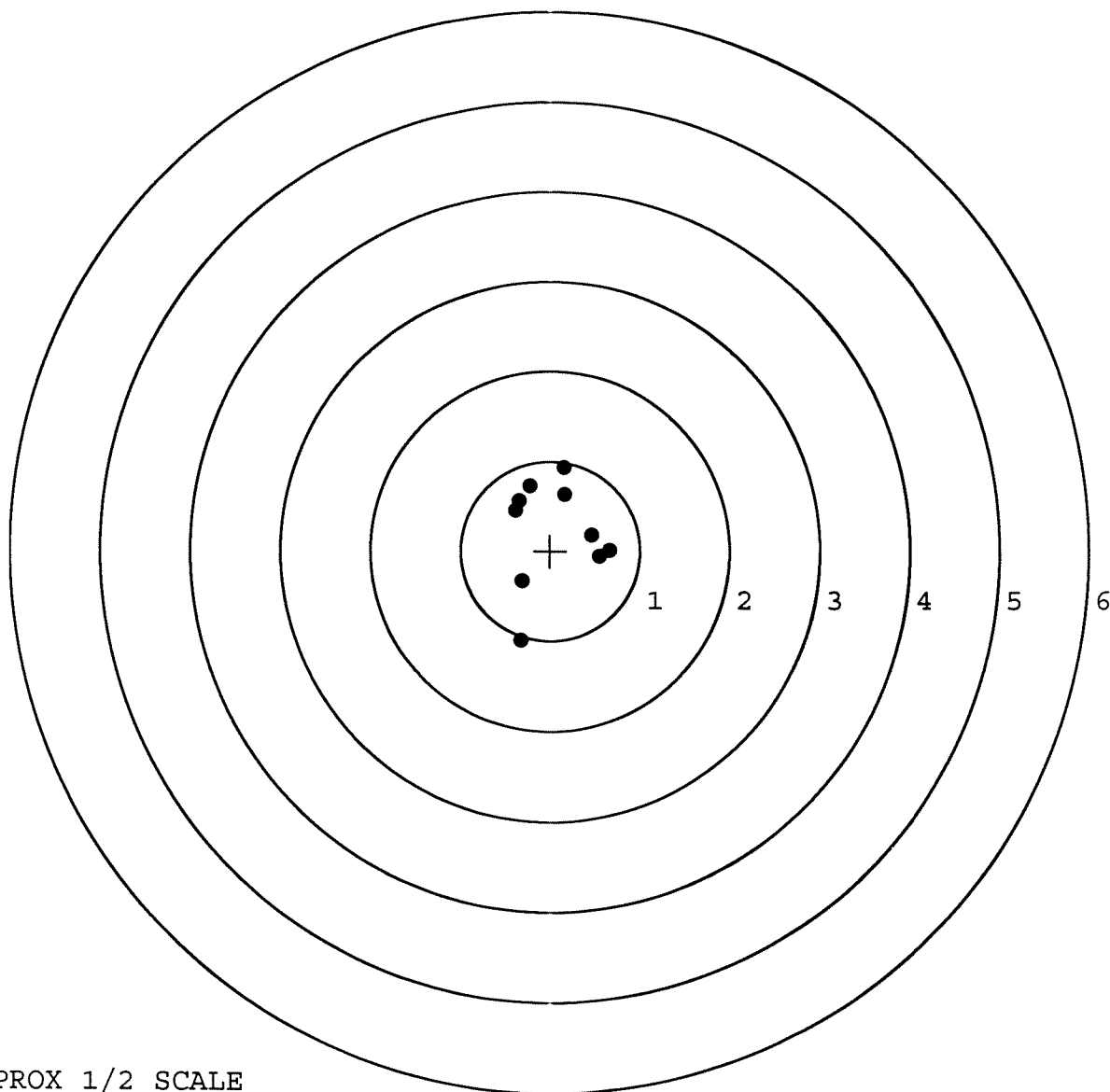
MEAN RADIUS: 0.636

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.155  | 0.930  |
| 2:     | 0.160  | 0.633  |
| 3:     | -0.228 | 0.722  |
| 4:     | -0.347 | 0.556  |
| 5:     | -0.389 | 0.447  |
| 6:     | 0.462  | 0.179  |
| 7:     | 0.551  | -0.072 |
| 8:     | 0.661  | -0.006 |
| 9:     | -0.314 | -0.345 |
| 10:    | -0.331 | -1.004 |

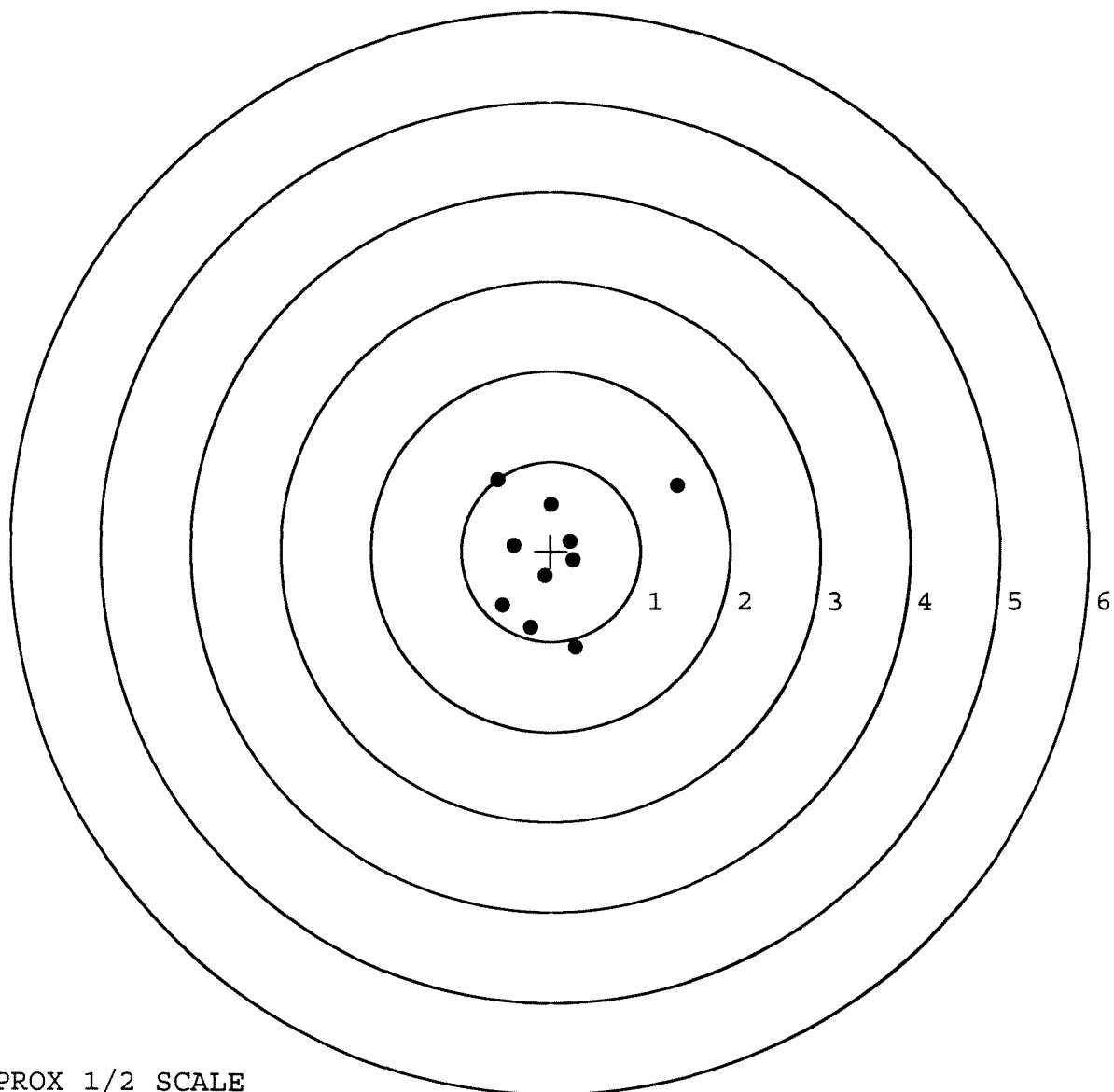


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225443. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 04/08/2008  
FILE TIME: 14:18

X CENTROID: 0.030  
Y CENTROID: -0.068  
POA TO CENTROID: 0.075  
HORZ SPREAD: 2.009  
VERT SPREAD: 1.866  
GROUP SPREAD: 2.375  
MIN RADIUS: 0.220  
MAX RADIUS: 1.600  
MEAN RADIUS: 0.708  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.595 | 0.794  |
| 2:     | 0.010  | 0.522  |
| 3:     | 0.218  | 0.109  |
| 4:     | 0.247  | -0.106 |
| 5:     | -0.072 | -0.277 |
| 6:     | -0.419 | 0.066  |
| 7:     | -0.546 | -0.606 |
| 8:     | -0.232 | -0.848 |
| 9:     | 0.279  | -1.072 |
| 10:    | 1.414  | 0.735  |



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 00142406

SERIAL NUMBER C6225443

LOG-IN DATE 3-3-08

| OPERATION # | OPERATION NAME       | DATE                            | INITIAL |
|-------------|----------------------|---------------------------------|---------|
| 500         | DIS-ASSEMBLE GUN     | 3-11-08                         | SPD     |
| 505         | RE-BARREL            | 3-12-08                         | SPD     |
| 560         | ASSEMBLE             | 3-12-08                         | SPD     |
| 600         | PROOF                | 3-13-08                         | TRW     |
| 605         | CHECK HEADSPACE      | 3-13-08                         | TRW     |
| 610         | DIS-ASSEMBLE GUN     | 3-13-08                         | SPD     |
| 612         | MAGNAFLUX            | 3-14-08                         | unus    |
| 510         | DRILL AND TAP        | 3-13-08                         | Fm      |
| 615         | ROLLMARK CALIBER     | 3-13-08                         | CW      |
| 618         | ROTO-BLAST           | 3-14-08                         | DC      |
| 620         | APPLY COATINGS       | 3-20-08                         | HP      |
| 625         | FINAL ASSEMBLY       | 3-31-08                         | SPD     |
| 640         | FUNCTION TEST AND    | 4-8-08                          | TRW     |
| 650         | TARGET               | 4-8-08                          | TRW     |
|             | MALFUNCTION          | CORRECTION                      |         |
|             | MALFUNCTION          | CORRECTION                      |         |
|             | MALFUNCTION          | CORRECTION                      |         |
|             | MALFUNCTION          | CORRECTION                      |         |
| 670         | FINAL INSPECTION     | 4-8-08                          | SD      |
|             | A) HEADSPACE         | 4-8-08                          | Fm      |
|             | B) TRIGGER PULL      | 2.47 2.39 2.72 2.89 2.87 4/8/08 | Fm      |
| 680         | F) SAFETY ON FORCE   | 6- 5-5 5-5 4/8/08               | Fm      |
|             | G) SAFETY OFF FORCE  | 3- 3- 3- 4/8/08                 | Fm      |
|             | I) FIRING PIN INDENT | .021 .021 .021 4/8/08           | Fm      |
| 690         | PACK                 | 4/10/08                         | Fm      |

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6225443

| OP. #        | OP. NAME                                                       | READINGS | DATE       | INIT |
|--------------|----------------------------------------------------------------|----------|------------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 6        | 12 89      | RW   |
| 600          | Proof                                                          | 6        | 12 89      | RW   |
| 607          | Check Headspace                                                | 6        | 12 89      | RW   |
| 610          | Dis-assemble Gun                                               | 6        | 12 89      | RW   |
| 612          | Magnaflux Barrel<br>Action                                     |          | 6/21/89    | KCR  |
|              | Magnaflux Bolt                                                 |          | 6/21/89    | KCR  |
| 615          | Rollmark Caliber                                               |          | 6/21/89    | D.S. |
| 617          | Drill and Tap Sight Holes                                      | 6 26     | 89         | L.B. |
| 618          | Polish Barrel                                                  | 6 26     | 89         | BT.  |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 7/2/89     | TJA  |
|              | Apply Coating (Bolt)                                           |          |            |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 7/14/89    | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 7/14/89    | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 7/14/89    | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 7/14/89    | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 17 July 89 | DS   |

| op. #        | OP. NAME                                                    | READINGS |      |       |      |      | DATE       | INIT |
|--------------|-------------------------------------------------------------|----------|------|-------|------|------|------------|------|
| 625<br>cont. | F) Safety On Force                                          | 7        | 7    | 7     |      |      | 18 July 89 | RL   |
|              | G) Safety Off Force                                         | 4        | 4    | 4     |      |      | 18 July 89 | RL   |
|              | H) Trigger Pull Test & Retainability                        |          |      |       |      |      | 17 July 89 | RL   |
|              | I) Firing Pin Indent                                        | .020     | .020 | .0205 |      |      | 18 July 89 | RL   |
|              | J) Assemble Stock                                           |          |      |       |      |      | 7/18/89    | RL   |
|              | K) Assemble Swivel Studs                                    |          |      |       |      |      | 25 July 89 | RL   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |       |      |      | 7/18/89    | RL   |
|              | M) Iron Sight Alignment                                     |          |      |       |      |      | 7/18/89    | RL   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |       |      |      | 7/18/89    | RL   |
|              | O) Attach Scope to Rifle                                    |          |      |       |      |      | 7/19/89    | RL   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |       |      |      | 7/21/89    | RL   |
| 640          | Gallery Target & Test                                       | 85R      | 66L  |       |      |      | 7-21-89    | AC   |
|              | A) Time                                                     |          |      |       |      |      | 7-21-89    | AC   |
|              | B) Malfunctions                                             |          |      |       |      |      | 7-21-89    | AC   |
|              | C) Pierced Primers                                          |          |      |       |      |      | 7-21-89    | AC   |
|              | D) Optical Clarity of Scope                                 |          |      |       |      |      | 7-21-89    | AC   |
| 645          | Inspect for Live Ammo                                       |          |      |       |      |      | 7-21-88    | AC   |
| 655          | Final Inspection                                            |          |      |       |      |      |            |      |
|              | A) Headspace                                                |          |      |       |      |      | 25 July 89 | RL   |
|              | B) Trigger Pull                                             | 2.15     | 2.14 | 2.18  | 2.13 | 2.16 | 25 July 89 | RL   |
|              | C) Function                                                 |          |      |       |      |      | 25 July 89 | RL   |
| 660          | Pack                                                        |          |      |       |      |      | 20 Sep 89  | RL   |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

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

SERIAL NO. C6225443

DATE \_\_\_\_\_

TESTER \_\_\_\_\_

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------------------------------------------------------------------------|
| PULL #1 | 2.30             | 2.30                     | 2.27                           | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.34             | 2.10                     | 2.31                           |                                                                        |
| PULL #3 | 2.45             | 2.12                     | 2.25                           |                                                                        |
| PULL #4 | 2.37             | 2.09                     | 2.23                           |                                                                        |
| PULL #5 | 2.49             | 2.09                     | 2.17                           |                                                                        |
| TOTAL   | 11.95            | 10.70                    | 11.23                          |                                                                        |
| AVG.    | 2.39             | 2.14                     | 2.24                           |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.30             | 3.22                     |  |          |
| PULL #2 | 3.25             | 3.24                     |  |          |
| PULL #3 | 3.24             | 3.23                     |  |          |
| PULL #4 | 3.21             | 3.23                     |  |          |
| PULL #5 | 3.23             | 3.19                     |  |          |
| TOTAL   | 16.23            | 16.11                    |  |          |
| AVG.    | 3.24             | 3.22                     |  |          |

|         | 4.00#<br>INITIAL | 4.00# AFTER<br>20 CYCLES | MAX SETTING<br>GREATER THAN 4# | RESET TO 4# FOR<br>TARGET & ACCURACY |
|---------|------------------|--------------------------|--------------------------------|--------------------------------------|
| PULL #1 | 4.20             | 4.25                     |                                |                                      |
| PULL #2 | 4.22             | 4.22                     |                                |                                      |
| PULL #3 | 4.20             | 4.21                     |                                |                                      |
| PULL #4 | 4.23             | 4.20                     |                                |                                      |
| PULL #5 | 4.21             | 4.19                     |                                |                                      |
| TOTAL   | 21.06            | 21.07                    |                                |                                      |
| AVG.    | 4.21             | 4.21                     |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
 FOR RIFLE # C6225443  
 21 JUL 1989

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .407604 |
| 1 TO | 2 | .642055 |
| 1 TO | 3 | .71507  |
| 1 TO | 4 | .896246 |
| 1 TO | 5 | .962422 |

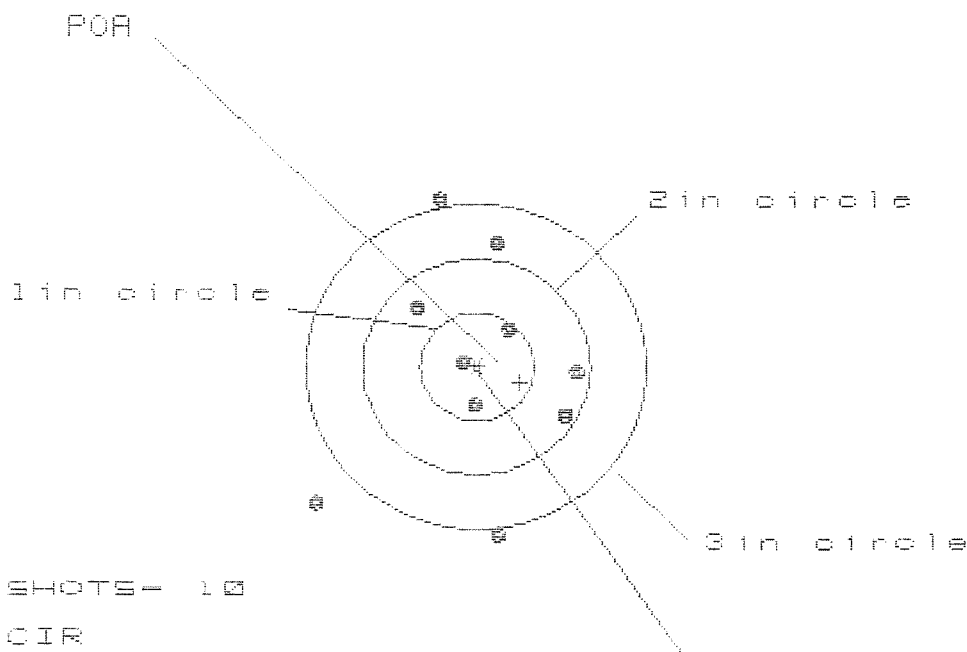
$\frac{1}{2} t_3^2$  <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0858  
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0286  
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0904411  
 THE AMR FOR THIS RIFLE IS: .967

21 Jul 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/06225443

# CENTERFIRE PATTERNS # 1



# OF SHOTS= 10

# IN CIR

1in = 3

2in = 6

3in = 7

HS= 2.316

VS= 3.036

GS= 3.072

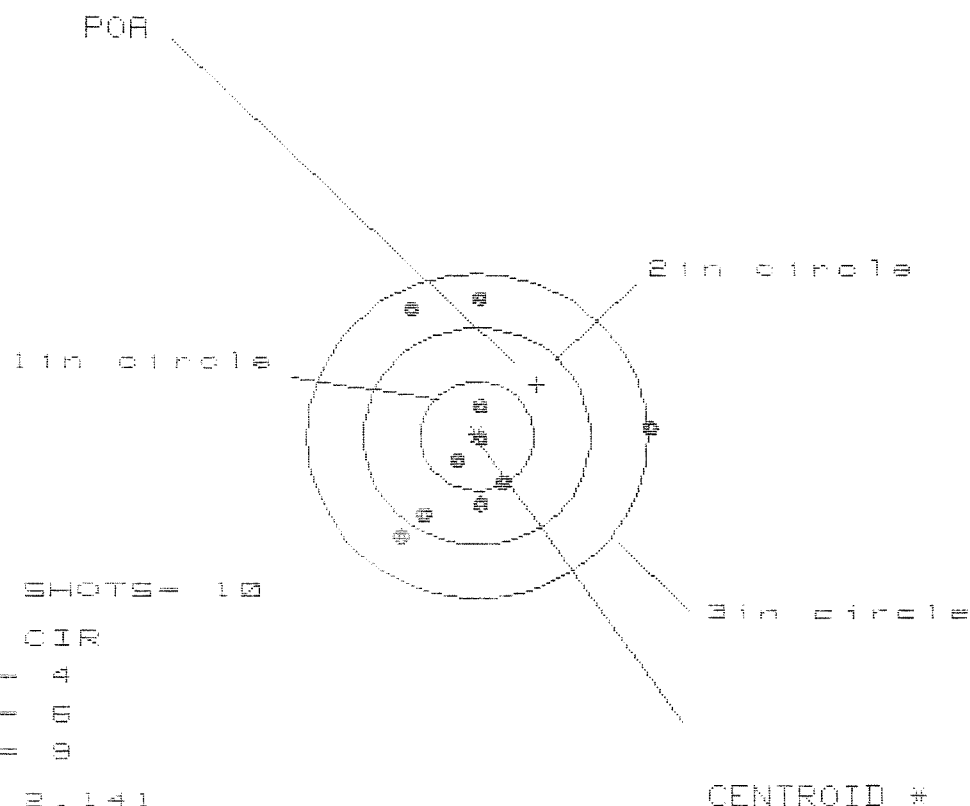
CENTROID #

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | .859   | .697   | .640   |
| MINIMUM X                     | -1.457 | -.676  | -.733  |
| MAXIMUM Y                     | 1.530  | 1.389  | 1.173  |
| MINIMUM Y                     | -1.506 | -1.647 | -1.473 |
| CENTROID X                    | -.379  | -.217  | -.160  |
| CENTROID Y                    | .150   | .291   | .117   |
| POA TO CENTROID in.           | .408   | .363   | .199   |
| MIN RADIUS                    | .122   | .240   | .320   |
| MEAN RADIUS                   | .962   | .833   | .753   |
| MAX RADIUS                    | 1.930  | 1.647  | 1.474  |
| HORIZONTAL SPREAD             | 2.316  | 1.373  | 1.373  |
| VERTICAL SPREAD               | 3.036  | 3.036  | 2.646  |
| EXTREME SPREAD                | 3.072  | 3.072  | 2.646  |
| NUMBER IN ONE INCH CIRCLE =   | 3      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 6      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 7      |        |        |

21 JUL 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225443

# CENTERFIRE PATTERNS # 2



# OF SHOTS = 10

# IN CIR

1 in = 4

2 in = 6

3 in = 9

HS = 2.141

VS = 2.156

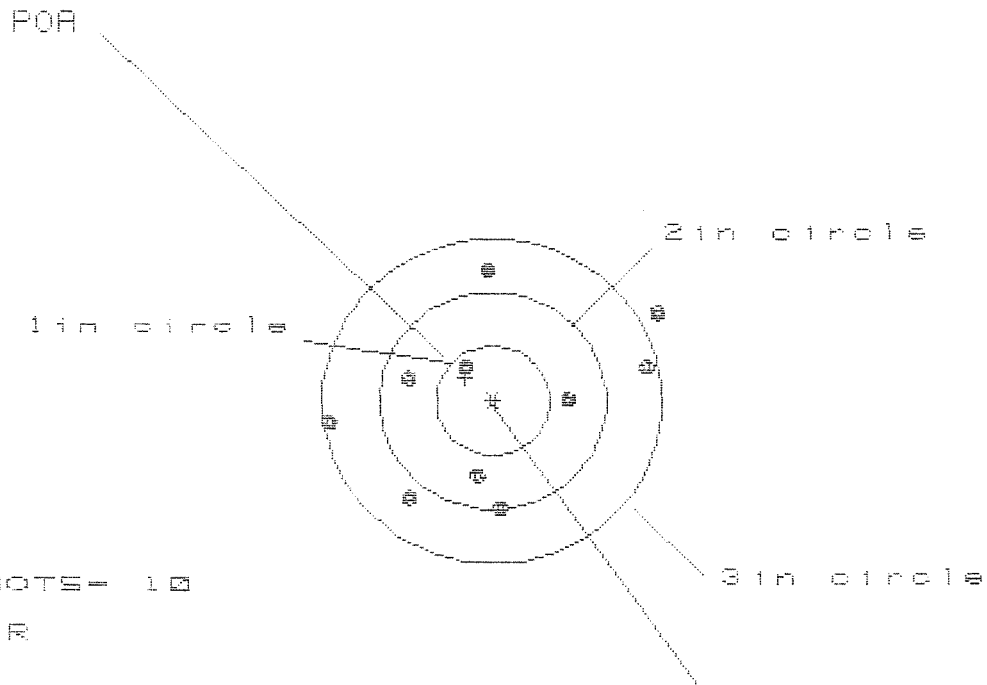
GS = 2.385

| PATTERN #                   | : | 2     |       |       |
|-----------------------------|---|-------|-------|-------|
| SHOTS (BEST OF)             | : | 10    | 9     | 8     |
| MAXIMUM X                   | : | 1.507 | .439  | .383  |
| MINIMUM X                   | : | -.634 | -.467 | -.523 |
| MAXIMUM Y                   | : | 1.272 | 1.284 | 1.435 |
| MINIMUM Y                   | : | -.884 | -.872 | -.721 |
| CENTROID X                  | : | -.526 | -.693 | -.637 |
| CENTROID Y                  | : | -.475 | -.487 | -.638 |
| POR TO CENTROID in.         | : | .709  | .847  | .902  |
| MIN RADIUS                  | : | .068  | .221  | .122  |
| MEAN RADIUS                 | : | .786  | .712  | .592  |
| MAX RADIUS                  | : | 1.511 | 1.298 | 1.441 |
| HORIZONTAL SPREAD           | : | 2.141 | .906  | .906  |
| VERTICAL SPREAD             | : | 2.156 | 2.156 | 2.156 |
| EXTREME SPREAD              | : | 2.385 | 2.254 | 2.254 |
| NUMBER IN ONE INCH CIRCLE   | = |       | 4     |       |
| NUMBER IN TWO INCH CIRCLE   | = |       | 6     |       |
| NUMBER IN THREE INCH CIRCLE | = |       | 9     |       |

21 Jul 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C6225443

# CENTERFIRE PATTERNS # 3



# OF SHOTS= 10

# IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 2.882

VS= 2.189

GS= 3.073

CENTROID #

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 3      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.427  | 1.483  | 1.320  |
| MINIMUM X                   | : | -1.465 | -1.307 | -1.790 |
| MAXIMUM Y                   | : | 1.184  | 1.277  | 1.263  |
| MINIMUM Y                   | : | -1.005 | -.912  | -.926  |
| CENTROID X                  | : | .240   | .082   | .245   |
| CENTROID Y                  | : | -.208  | -.301  | -.287  |
| FOR TO CENTROID in.         | : | .317   | .312   | .377   |
| MIN RADIUS                  | : | .376   | .379   | .440   |
| MEAN RADIUS                 | : | 1.029  | .937   | .891   |
| MAX RADIUS                  | : | 1.655  | 1.527  | 1.366  |
| HORIZONTAL SPREAD           | : | 2.892  | 2.790  | 2.110  |
| VERTICAL SPREAD             | : | 2.189  | 2.189  | 2.189  |
| EXTREME SPREAD              | : | 3.073  | 2.830  | 2.340  |
| NUMBER IN ONE INCH CIRCLE   | = | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE   | = | 4      |        |        |
| NUMBER IN THREE INCH CIRCLE | = | 9      |        |        |

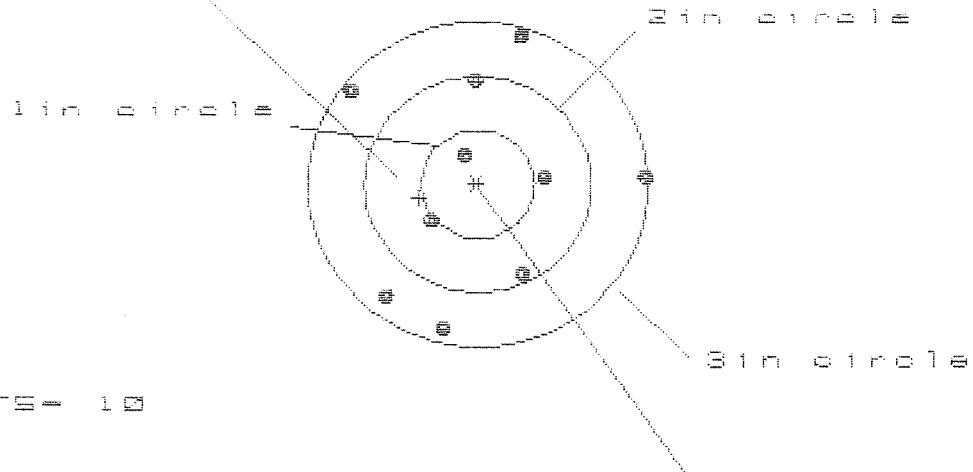
21 JUL 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C8225443

# CENTERFIRE PATTERNS

# 4

FOR



# OF SHOTS= 10

# IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.662

VS= 2.681

GS= 2.782

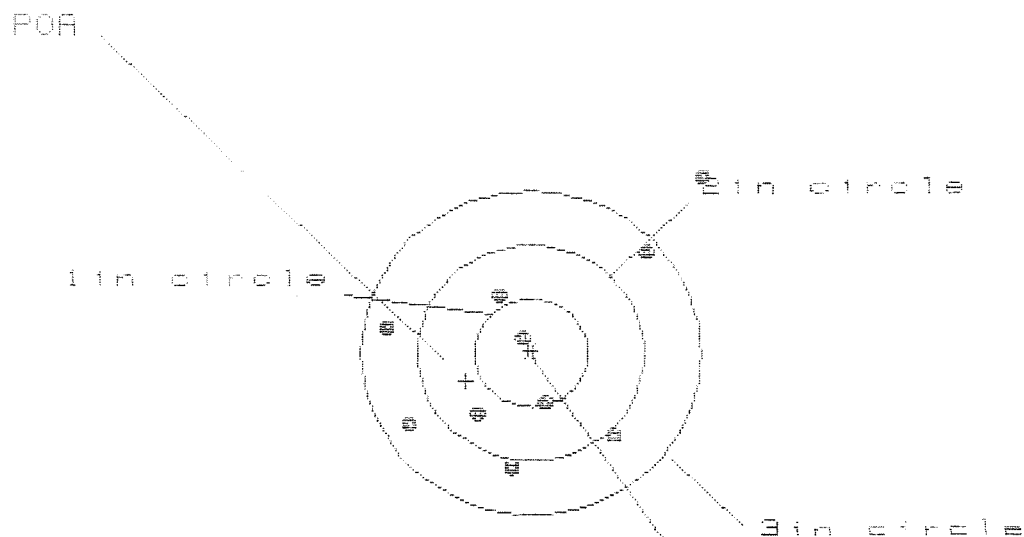
CENTROID \*

| PATTERN #                   | : | 4      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.514  | .731   | .608   |
| MINIMUM X                   | : | -1.148 | -.979  | -.762  |
| MAXIMUM Y                   | : | 1.344  | 1.351  | 1.460  |
| MINIMUM Y                   | : | -1.337 | -1.330 | -1.221 |
| CENTROID X                  | : | .517   | .348   | .471   |
| CENTROID Y                  | : | .129   | .122   | .013   |
| FOR TO CENTROID in.         | : | .532   | .369   | .471   |
| MIN RADIUS                  | : | .298   | .293   | .399   |
| MEAN RADIUS                 | : | 1.037  | .977   | .925   |
| MAX RADIUS                  | : | 1.516  | 1.442  | 1.509  |
| HORIZONTAL SPREAD           | : | 2.662  | 1.710  | 1.370  |
| VERTICAL SPREAD             | : | 2.681  | 2.681  | 2.681  |
| EXTREME SPREAD              | : | 2.782  | 2.753  | 2.753  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

21 Jul 1989

FILE:/PATTERNING/CENTERFIRE\_PATT/C6225443

# CENTERFIRE PATTERNS # 5



# OF SHOTS= 10

# IN CIR

1 in = 2

2 in = 4

3 in = 9

HS= 2.779

VS= 2.643

GS= 3.455

CENTROID \*

| PATTERN #                     | 5      |
|-------------------------------|--------|
| SHOTS (BEST OF)               | 10     |
| MAXIMUM X                     | 1.477  |
| MINIMUM X                     | -1.302 |
| MAXIMUM Y                     | 1.619  |
| MINIMUM Y                     | -1.024 |
| CENTROID X                    | .577   |
| CENTROID Y                    | .261   |
| POA TO CENTROID in.           | .633   |
| MIN RADIUS                    | .164   |
| MEAN RADIUS                   | 1.021  |
| MAX RADIUS                    | 2.192  |
| HORIZONTAL SPREAD             | 2.779  |
| VERTICAL SPREAD               | 2.643  |
| EXTREME SPREAD                | 3.455  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |
| NUMBER IN TWO INCH CIRCLE =   | 4      |
| NUMBER IN THREE INCH CIRCLE = | 9      |



# FINAL INSPECTION

S.N: C6225443

DATE REC'D: 9-26-00

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:

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

|                            |                          |                     |                |
|----------------------------|--------------------------|---------------------|----------------|
| <b>R &amp; E NUMBER</b>    |                          | <i>14558</i>        |                |
| <b>SERIAL NUMBER</b>       |                          | <i>C6225443</i>     |                |
| <b>LOG-IN DATE</b>         |                          | <i>9-26-00</i>      |                |
| <b>INSPECT AND VERIFY:</b> |                          |                     |                |
| <b>OPERATION #</b>         | <b>OPERATION NAME</b>    | <b>DATE</b>         | <b>INITIAL</b> |
| 550                        | DIS-ASSEMBLE GUN         | <i>9-28-00</i>      | <i>CK</i>      |
| 560 A                      | RE-BARREL AT CUSTOM SHOP |                     |                |
| B                          | DRILL AND TAP            |                     |                |
| C                          | POLISH                   |                     |                |
| 575                        | ASSEMBLE                 |                     |                |
| 600                        | PROOF                    | <i>10-3-00</i>      | <i>RW</i>      |
| 605                        | CHECK HEADSPACE          | <i>10-3-00</i>      | <i>CK</i>      |
| 610                        | DIS-ASSEMBLE GUN         |                     |                |
| 612                        | MAGNAFLUX                |                     |                |
| 615                        | ROLLMARK CALIBER         |                     |                |
| 618                        | ROTO-BLAST               |                     |                |
| 620                        | APPLY COATINGS           |                     |                |
| 625 A                      | FINAL ASSEMBLY           |                     |                |
| B                          | TRIGGER PULL TEST        |                     |                |
| C                          | SAFETY "ON" FORCE        |                     |                |
| D                          | SAFETY "OFF" FORCE       |                     |                |
| E                          | FIRING PIN INDENT        |                     |                |
| 640                        | TARGET                   | <i>10-12-00</i>     | <i>RW</i>      |
| 655                        | FINAL INSPECT            | <i>10-25-00</i>     | <i>CK</i>      |
| 660                        | PACK                     |                     |                |
|                            |                          | SHIP DATE           |                |
|                            |                          | QAR INSPECTION DATE |                |

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225443  
23 Oct 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2578  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2054  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .329621

THE AMR FOR THIS RIFLE IS: 1.264

## CENTROIDAL DISTANCES

|   |    |   |         |
|---|----|---|---------|
| 0 | TO | 1 | .184231 |
| 1 | TO | 2 | .51514  |
| 1 | TO | 3 | .591714 |
| 1 | TO | 4 | 1.12728 |
| 1 | TO | 5 | .768854 |

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

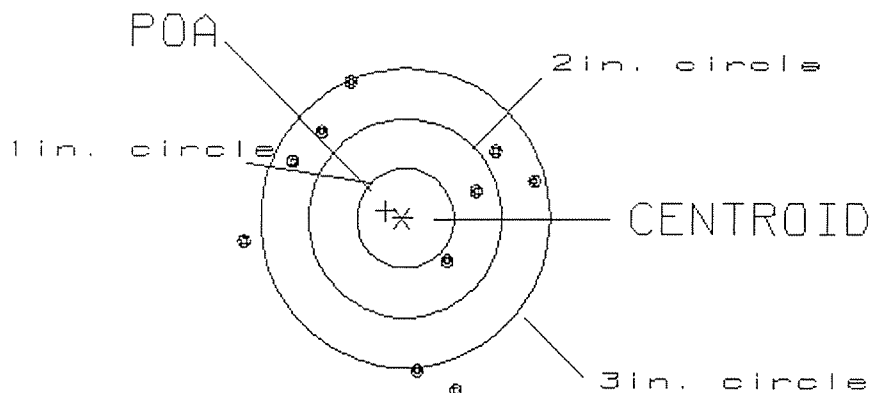
PATTERN #: 1

POA TO CENTROID: .185  
 MIN RADIUS : .660  
 MEAN RADIUS : 1.299  
 MAX RADIUS : 1.792  
 CENTROID X : .170  
 CENTROID Y : -.071

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225443

# CENTERFIRE PATTERN # 1



# OF SHOTS= 10

# IN CIRCLE

HS= 2.98

0

VS= 3.03

2

GS= 3.22

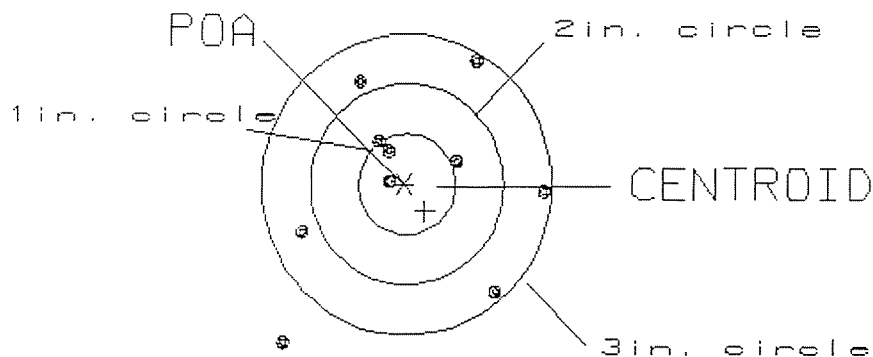
7

PATTERN #: 2  
 POA TO CENTROID: .346  
 MIN RADIUS : .176  
 MEAN RADIUS : 1.032  
 MAX RADIUS : 2.069  
 CENTROID X : -.217  
 CENTROID Y : .269

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225443

# CENTERFIRE PATTERN # 2



# OF SHOTS= 10

# IN CIRCLE

HS= 2.73  
 VS= 2.85  
 GS= 3.48

3  
 4  
 9

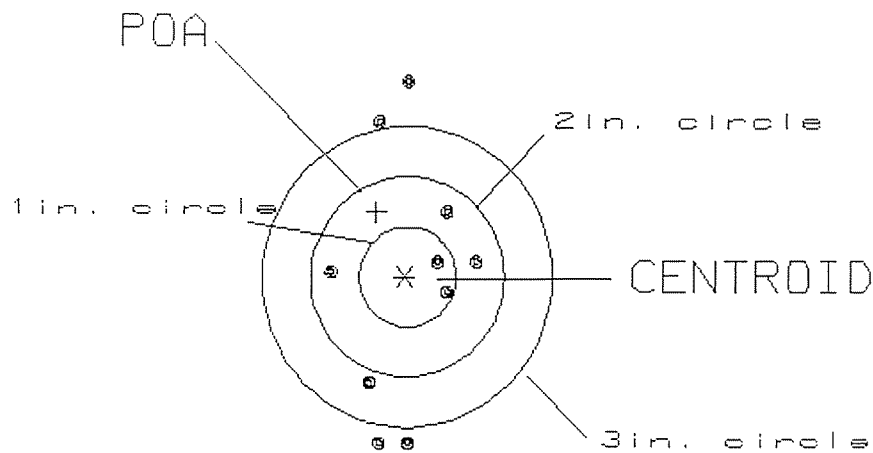
PATTERN #: 3

POA TO CENTROID: .712  
 MIN RADIUS : .326  
 MEAN RADIUS : 1.102  
 MAX RADIUS : 1.995  
 CENTROID X : .292  
 CENTROID Y : -.650

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225443

# CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 1.50  
 VS= 3.69  
 GS= 3.69

2  
 5  
 6

PATTERN #: ☐ 4 ☐

POA TO CENTROID: 1.284

MIN RADIUS : .746

MEAN RADIUS : 1.543

MAX RADIUS : 2.753

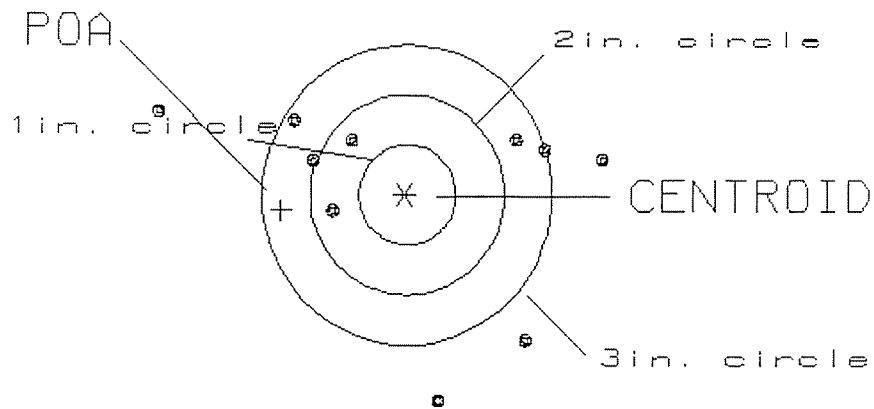
CENTROID X : 1.275

CENTROID Y : .152

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225443

## CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 4.64

0

VS= 2.92

2

GS= 4.67

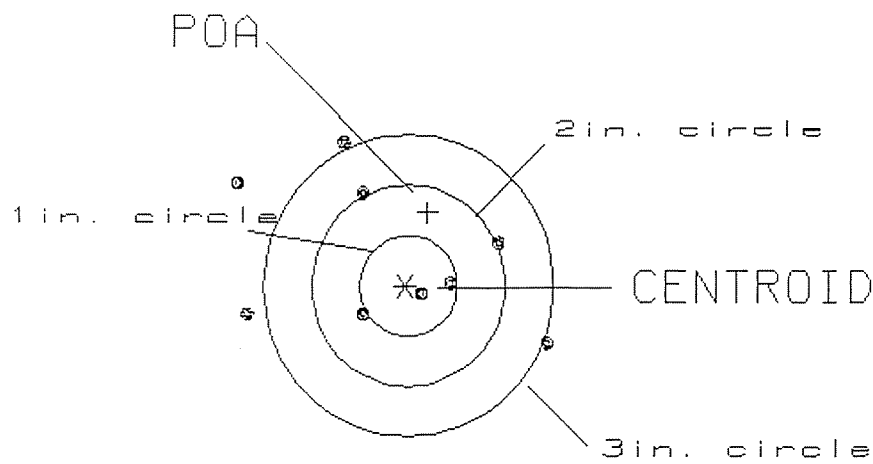
6

PATTERN #: 5  
 POA TO CENTROID: .763  
 MIN RADIUS : .158  
 MEAN RADIUS : 1.345  
 MAX RADIUS : 3.343  
 CENTROID X : -.231  
 CENTROID Y : -.727

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6225443

# CENTERFIRE PATTERN # 5



# OF SHOTS= 10

# IN CIRCLE

HS= 3.92

2

VS= 4.03

4

GS= 5.30

5