

C6611673

MODEL 700™ M24

Model **SMS**™

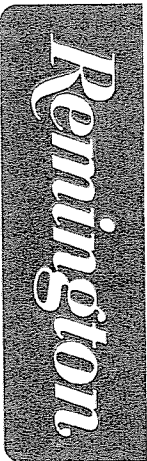
Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.



## Arms Services Repair &amp; Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

## Repair Inquiry

Repair Number: RE00143909

Serial: C6611673 Model M24 SWS Center Fire  
Caliber: 7.62 NATO

Repairman:

Status: Closed 4/1/2008 1:32:08 PM

Verify Repair

## Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEPT OF THE ARMY

DEPT OF THE ARMY

Address 1: 1401 ARTILLERY CIRCLE BLDG 978

1401 ARTILLERY CIRCLE BLDG 978

Address 2: PO Box:

PO Box:

City: FT. LEONARD WOOD

FT. LEONARD WOOD

State: MD Zip Code: 65473

Country: US

State: MD Zip Code: 65473

Country: US

FFL:

## Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

## Contact Information

Phone: NN

Fax:

Email:

Comments:

## Received Condition

Fair

Condition  
Notes:CSR  
Notes:

## Accessories Received

| Code | Desc                  | Qty |
|------|-----------------------|-----|
| A007 | With Stud             | 3   |
| A010 | Hard Case             | 1   |
| A017 | Scope Base            | 1   |
| A045 | Bi Pod                | 1   |
| A057 | Fit and Rear Sgt Base | 1   |

Repair Search

Refresh

Close

nagletj

4/2/2008

9:33 AM

CA...

NUM



Serial Number: C6611673

Model: M24 SWS



RE00143909

# Remington®

## Factory Repair Instructions

(NOTE: Please print and complete this form, and then include it with your firearm.)

|                                                                                                                                                                  |  |                                  |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------|-------------------|
| Model Number: <i>M24A 1</i>                                                                                                                                      |  | Serial Number: <i>C6611673</i>   |                   |
| Are you the original owner?: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <i>Contract # DAAE20-02-C-0149</i>                              |  |                                  |                   |
| Name: <i>US Army MPS-STD</i>                                                                                                                                     |  | Date of Purchase: <i>UNKNOWN</i> |                   |
| Address (no PO Boxes): <i>1401 Artillery Circle</i>                                                                                                              |  |                                  |                   |
| <i>BLDG 978 ATTN: Ramon Valenzuela</i>                                                                                                                           |  |                                  |                   |
| City: <i>FT. Leonard Wood</i>                                                                                                                                    |  | State: <i>MO</i>                 | Zip: <i>65473</i> |
| Phone (Daytime): <i>(573) 596-0131 x6-3420</i>                                                                                                                   |  | Fax: <i>(573) 596-0747</i>       |                   |
| E-mail Address:                                                                                                                                                  |  |                                  |                   |
| <input type="checkbox"/> I would like to receive future e-mail updates from Remington.                                                                           |  |                                  |                   |
| Please describe your problem and date of occurrence:                                                                                                             |  |                                  |                   |
| <i>Stock cracked 1) in front of Comb</i>                                                                                                                         |  |                                  |                   |
| <i>2) behind trigger guard</i>                                                                                                                                   |  |                                  |                   |
|                                                                                                                                                                  |  |                                  |                   |
|                                                                                                                                                                  |  |                                  |                   |
|                                                                                                                                                                  |  |                                  |                   |
|                                                                                                                                                                  |  |                                  |                   |
|                                                                                                                                                                  |  |                                  |                   |
| Ammunition Information:                                                                                                                                          |  |                                  |                   |
| Manufacturer: <i>Military (Lake City)</i>                                                                                                                        |  | Type: <i>M18 Match Ball</i>      |                   |
| Other (i.e. bullet weight/type, shot size, powder):                                                                                                              |  |                                  |                   |
|                                                                                                                                                                  |  |                                  |                   |
| Handload Information:                                                                                                                                            |  |                                  |                   |
| Powder Used:                                                                                                                                                     |  | Powder Weight:                   |                   |
| Case/Hull Used:                                                                                                                                                  |  | Primer Used:                     |                   |
| Bullet Type/Shot Size:                                                                                                                                           |  | Reloader Used:                   |                   |
|                                                                                                                                                                  |  |                                  |                   |
| Firearms Care (Cleaning and Lubrication):                                                                                                                        |  |                                  |                   |
| Brand of cleaning solution used:                                                                                                                                 |  |                                  |                   |
| How often do you clean the bore? (Months or Number of rounds)                                                                                                    |  |                                  |                   |
| How often do you clean the action? (Months or Number of rounds)                                                                                                  |  |                                  |                   |
| How often do you clean the trigger assembly? (Months or Number of rounds)                                                                                        |  |                                  |                   |
|                                                                                                                                                                  |  |                                  |                   |
| Brand of lubricant used:                                                                                                                                         |  |                                  |                   |
| How often do you lubricate the bore? (Months or Number of rounds)                                                                                                |  |                                  |                   |
| How often do you lubricate the action? (Months or Number of rounds)                                                                                              |  |                                  |                   |
| How often do you lubricate the trigger assembly? (Months or Number of rounds)                                                                                    |  |                                  |                   |
|                                                                                                                                                                  |  |                                  |                   |
| Have you reviewed the cleaning and maintenance recommendations on our web site or in our owners manual? <input type="checkbox"/> YES <input type="checkbox"/> NO |  |                                  |                   |



DEPARTMENT OF THE ARMY  
U.S. ARMY MILITARY POLICE SCHOOL  
SPECIAL TACTICS TRAINING DIVISION  
FORT LEONARD WOOD, MISSOURI 65473

REPLY TO  
ATTENTION OF:

ATSJ-TSS

24 March 2008

MEMORANDUM FOR Remington Arms CO INC

SUBJECT: Repairs M24 Sniper Rifle

1. Request repairs on following M24 Sniper Rifle (SN: C6523369, C6611673, C6523393), the following deficiency's were found by one of are service maintenance personnel.
  - a- CC6523369 – Stock Cracked bolt behind trigger guard.
  - b- C6611673 – Stock Cracked behind trigger guard and in front of comb.
  - c- C6523393 – Cracked bolt.
2. Any question regarding the weapon may be directed to  
Email:ramon.velazquez1@conus.army.mil or Phone 573-596-0131 x6-3420 fax :( 573)596-0747.
3. POC this action is the undersigned at (573)596-3420.

  
RAMON VELAZQUEZ  
STTD, GS-07  
Supply Technician

Velazquez, Ramon Mr CIV USA TRADOC

---

From: Thomas, Paul Mr CIV USA IMCOM  
Sent: Monday, March 24, 2008 2:19 PM  
To: Velazquez, Ramon Mr CIV USA TRADOC  
Subject: FW: Request Repair of M24 sniper Rifle (UNCLASSIFIED)

Classification: UNCLASSIFIED  
Caveats: NONE

Shipment approved. See below. Paul

-----Original Message-----

From: West, Kimberly A CIV USA AMC  
Sent: Monday, March 24, 2008 2:02 PM  
To: Thomas, Paul Mr CIV USA IMCOM; ROCK-TACOM-SNIPER-REPAIR  
Cc: Velazquez, Ramon Mr CIV USA TRADOC; Wells, Richard L Mr CIV USA AMC  
Subject: RE: Request Repair of M24 sniper Rifle (UNCLASSIFIED)

Thanks, Paul-  
Please go ahead and ship your M24s to Remington.  
Kim

Kimberly West  
TACOM-RI  
Rifle & Carbine Team  
(309) 782-0926  
DSN: 793-0926  
kimberly.a.west1@us.army.mil

-----Original Message-----

From: Thomas, Paul Mr CIV USA IMCOM  
Sent: Monday, March 24, 2008 12:55 PM  
To: ROCK-TACOM-SNIPER-REPAIR  
Cc: West, Kimberly A CIV USA AMC; westk@ria.army.mil; Velazquez, Ramon Mr CIV USA TRADOC  
Subject: Request Repair of M24 sniper Rifle (UNCLASSIFIED)

Classification: UNCLASSIFIED  
Caveats: NONE

Have three M24's in need of repairs. Request authorization to ship to remington Arms Co Inc., ATTN: Service Dept., 14 Hoefer Avenue, Ilion, NY 13357-1816. Serial numbers are C6523369, C6611673, C6523393.

FTE document number is W80H2G80840003.  
AOE document number is W80H2G80840004

POC at unit is Mr. Ramon Velaaque, Comm: 573-596-0131 ext 63420.  
POC at property book is the undersigned.

Paul Thomas  
Consolidated Property Book Office  
ATTN: IMNW-LNW-PB  
Director of Logistics, Bldg. 2325  
Fort Leonard Wood, MO 65473-8873  
Phone: Comm 573-596-0131, ext 6-7678  
Fax: 573-596-0867  
DSN 581-7678  
Email: paul.t.thomas@conus.army.mil

**BARBER - M24 0034140**

Classification: UNCLASSIFIED  
Caveats: NONE  
Classification: UNCLASSIFIED  
Caveats: NONE

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611673.\_\_\_0  
FILE DATE AND TIME: 04/16/2008 13:03

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.032 |
| The Average Y Centroid of the Five Target Set:              | -0.027 |
| The Average Point of Impact of the Five Target Set:         | 0.042  |
| The Average Mean Radius of the Five Target Set:             | 0.877  |
| The Distance from POA to Centroid Target #1:                | 0.268  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.227  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.288  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.455  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.616  |

SERIAL NUMBER: C6611673. \_\_0

TARGET NUMBER: 1

FILE DATE: 04/16/2008

FILE TIME: 13:03

X CENTROID: -0.004

Y CENTROID: 0.268

POA TO CENTROID: 0.268

HORZ SPREAD: 2.436

VERT SPREAD: 1.931

GROUP SPREAD: 2.482

MIN RADIUS: 0.403

MAX RADIUS: 1.597

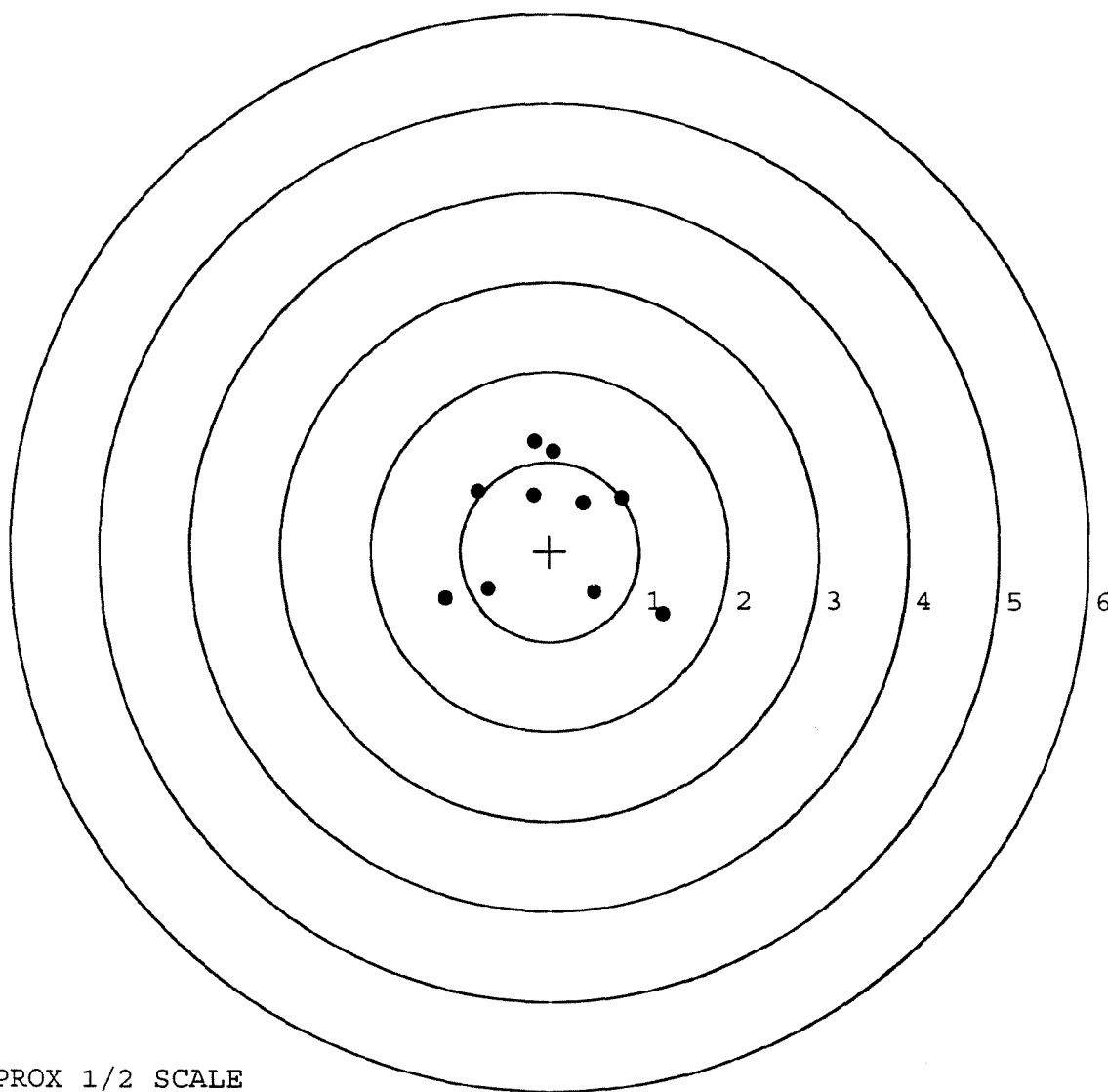
MEAN RADIUS: 0.933

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.175 | 1.230  |
| 2:     | 0.041  | 1.117  |
| 3:     | -0.806 | 0.667  |
| 4:     | -0.184 | 0.628  |
| 5:     | 0.376  | 0.545  |
| 6:     | 0.804  | 0.602  |
| 7:     | 1.265  | -0.701 |
| 8:     | 0.499  | -0.454 |
| 9:     | -0.688 | -0.424 |
| 10:    | -1.171 | -0.530 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611673. 0

TARGET NUMBER: 2

FILE DATE: 04/16/2008

FILE TIME: 13:03

X CENTROID: -0.163

Y CENTROID: 0.107

POA TO CENTROID: 0.195

HORZ SPREAD: 1.712

VERT SPREAD: 1.922

GROUP SPREAD: 2.019

MIN RADIUS: 0.368

MAX RADIUS: 1.057

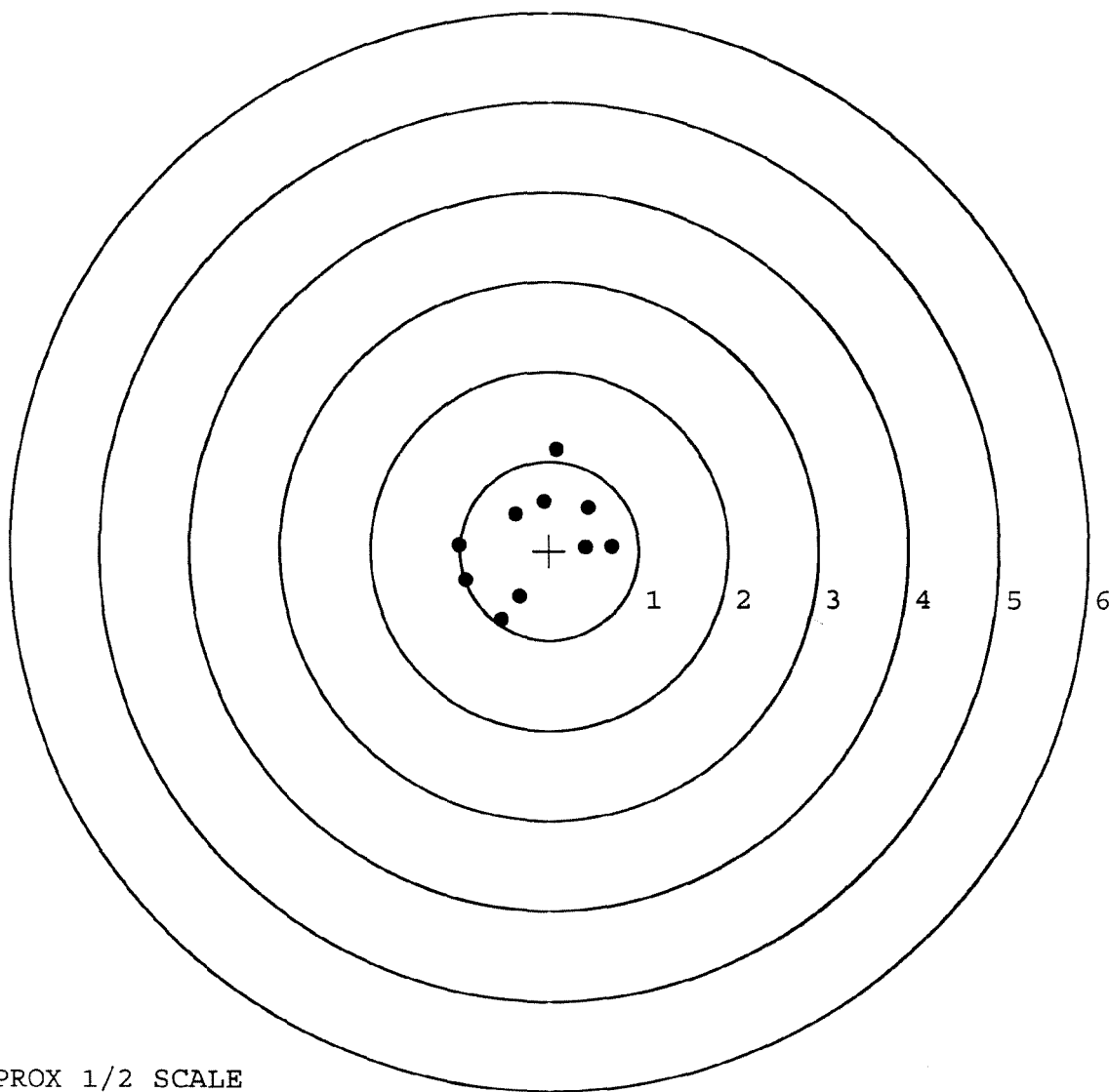
MEAN RADIUS: 0.739

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.705  | 0.053  |
| 2:     | 0.409  | 0.036  |
| 3:     | 0.438  | 0.476  |
| 4:     | -0.061 | 0.549  |
| 5:     | -0.385 | 0.400  |
| 6:     | 0.079  | 1.136  |
| 7:     | -1.007 | 0.061  |
| 8:     | -0.936 | -0.334 |
| 9:     | -0.538 | -0.786 |
| 10:    | -0.336 | -0.522 |

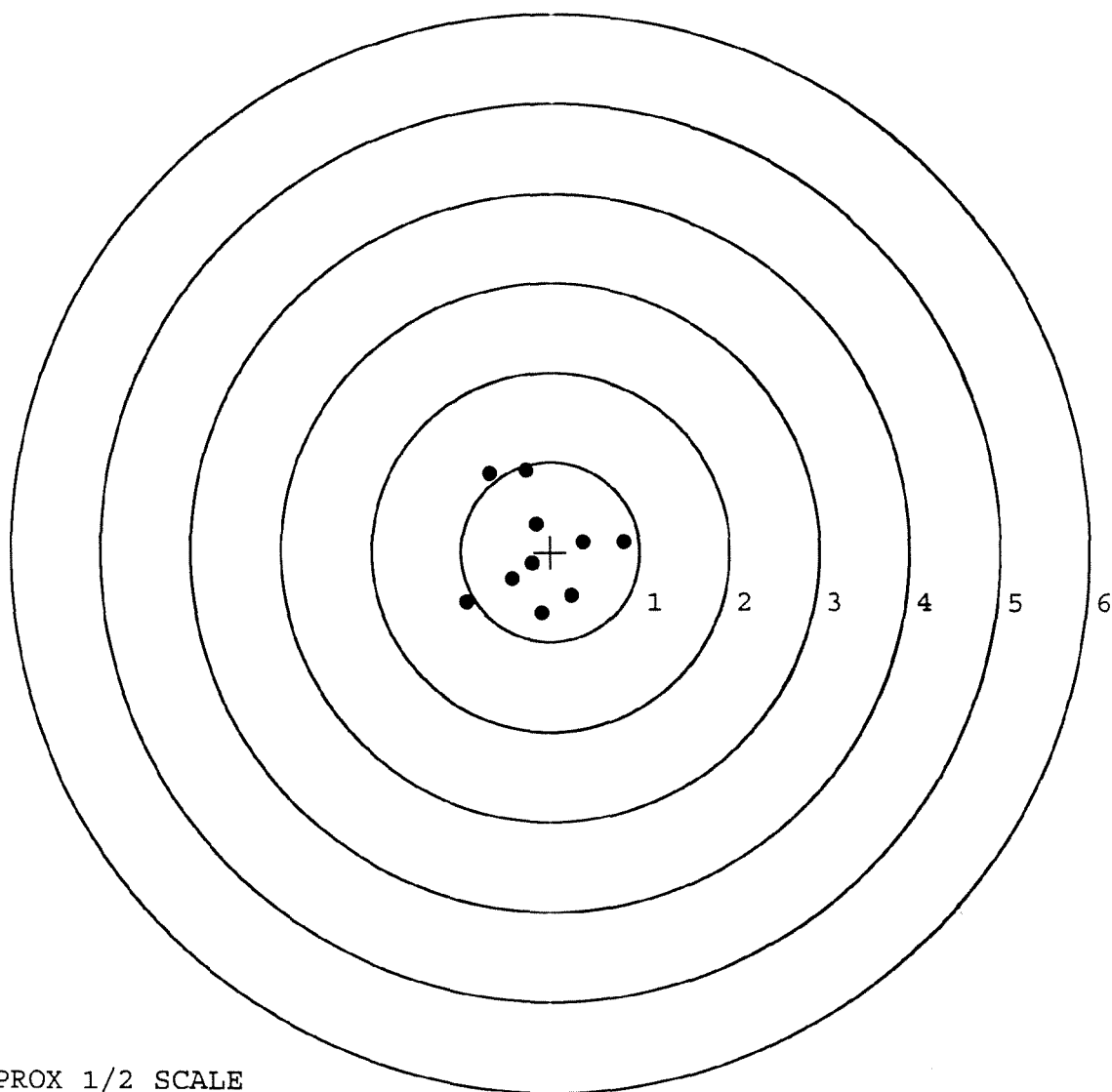


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611673. \_\_0  
 TARGET NUMBER: 3  
 FILE DATE: 04/16/2008  
 FILE TIME: 13:03

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.106 | -0.686 |
| 2:     | 0.236  | -0.492 |
| 3:     | 0.824  | 0.119  |
| 4:     | 0.373  | 0.113  |
| 5:     | -0.205 | -0.130 |
| 6:     | -0.427 | -0.313 |
| 7:     | -0.935 | -0.564 |
| 8:     | -0.165 | 0.308  |
| 9:     | -0.279 | 0.900  |
| 10:    | -0.683 | 0.867  |

X CENTROID: -0.137  
 Y CENTROID: 0.012  
 POA TO CENTROID: 0.137  
 HORZ SPREAD: 1.759  
 VERT SPREAD: 1.586  
 GROUP SPREAD: 1.682  
 MIN RADIUS: 0.158  
 MAX RADIUS: 1.014  
 MEAN RADIUS: 0.660  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611673. 0

TARGET NUMBER: 4

FILE DATE: 04/16/2008

FILE TIME: 13:03

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.056  | 0.725  |
| 2:     | -0.156 | 0.350  |
| 3:     | -0.664 | 0.789  |
| 4:     | -0.732 | -0.172 |
| 5:     | -0.257 | -0.455 |
| 6:     | 0.348  | -0.535 |
| 7:     | 0.947  | -1.644 |
| 8:     | 1.140  | -1.634 |
| 9:     | -0.618 | 0.230  |
| 10:    | 0.195  | 0.489  |

X CENTROID: 0.026

Y CENTROID: -0.186

POA TO CENTROID: 0.187

HORZ SPREAD: 1.872

VERT SPREAD: 2.433

GROUP SPREAD: 3.021

MIN RADIUS: 0.391

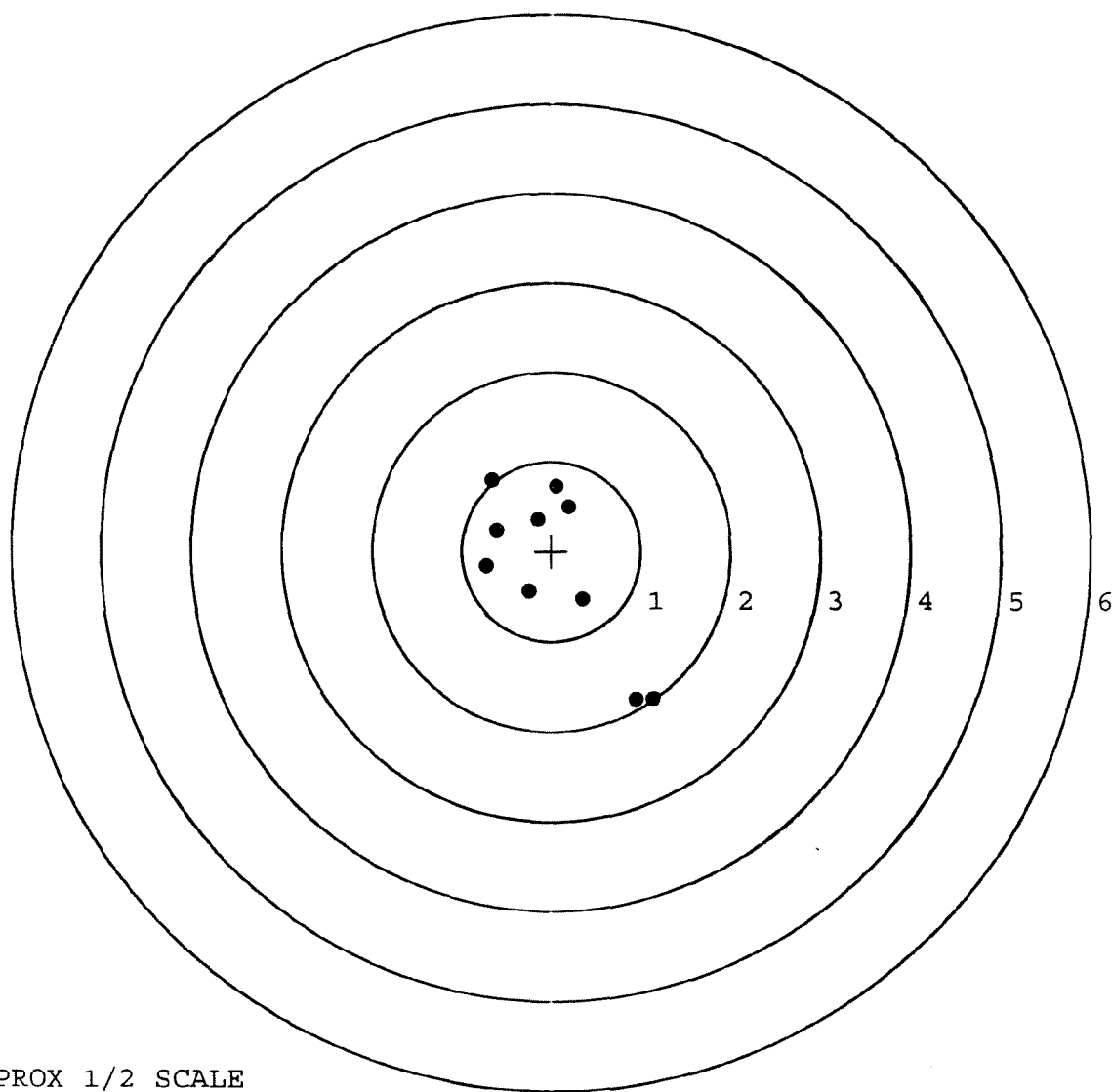
MAX RADIUS: 1.827

MEAN RADIUS: 0.931

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611673. \_\_0

TARGET NUMBER: 5

FILE DATE: 04/16/2008

FILE TIME: 13:03

X CENTROID: 0.117

Y CENTROID: -0.336

POA TO CENTROID: 0.356

HORZ SPREAD: 1.821

VERT SPREAD: 3.836

GROUP SPREAD: 3.884

MIN RADIUS: 0.183

MAX RADIUS: 2.178

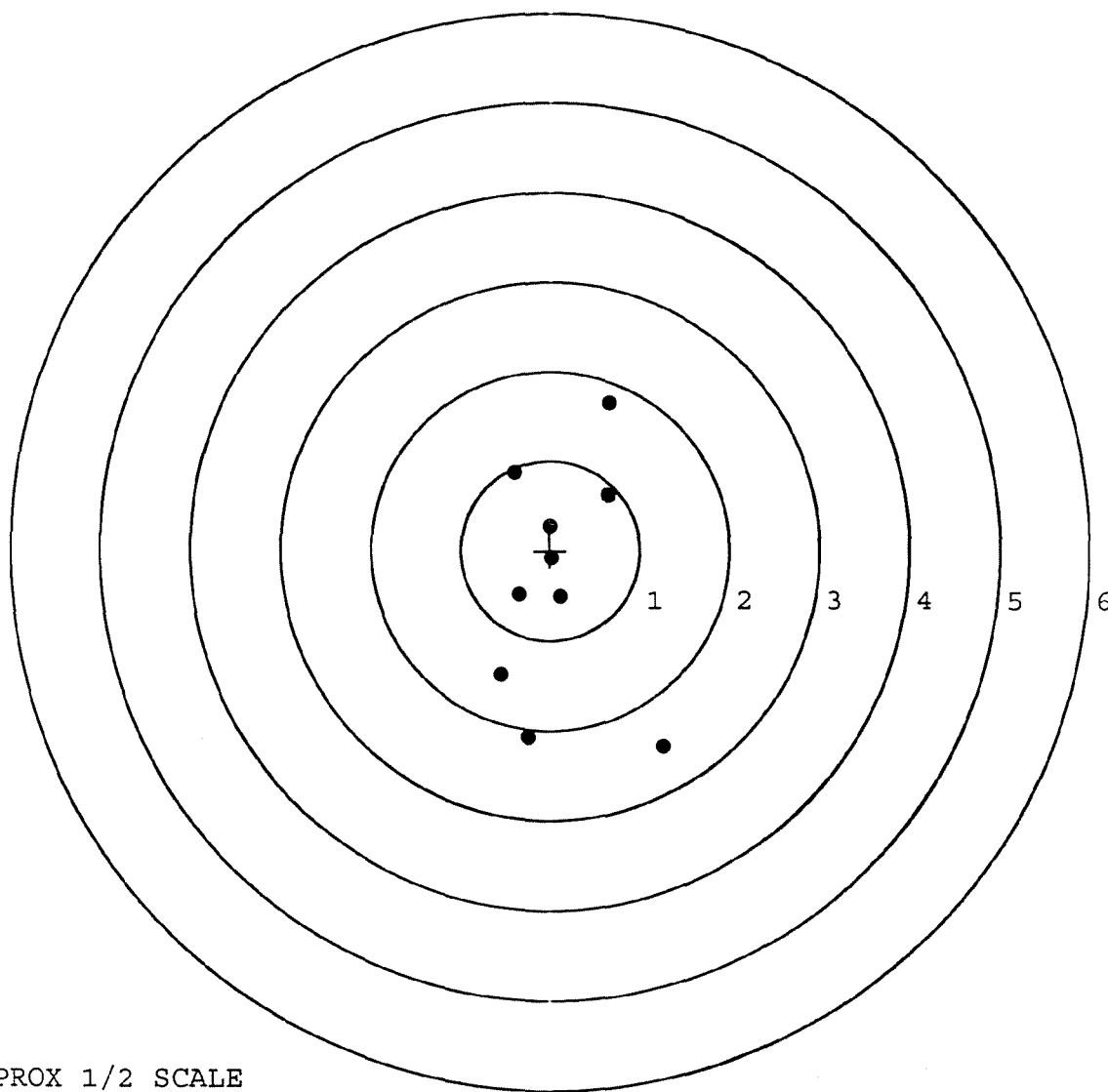
MEAN RADIUS: 1.124

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 4

# in 3 IN DIAMETER: 7

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.271  | -2.184 |
| 2:     | -0.243 | -2.085 |
| 3:     | -0.550 | -1.393 |
| 4:     | 0.115  | -0.519 |
| 5:     | -0.349 | -0.499 |
| 6:     | 0.014  | -0.084 |
| 7:     | -0.005 | 0.267  |
| 8:     | 0.653  | 0.619  |
| 9:     | -0.394 | 0.862  |
| 10:    | 0.660  | 1.652  |



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST  
CONTRACT #: DAAE-20-02-C-0149P&B NUMBER 00143909SERIAL NUMBER C6611673LOG-IN DATE 4-1-08

| OPERATION # | OPERATION NAME       | DATE                             | INITIAL |
|-------------|----------------------|----------------------------------|---------|
| 500         | DIS-ASSEMBLE GUN     | 4-3-08                           | RPD     |
| 505         | RE-BARREL            | 4-3-08                           | RPD     |
| 560         | ASSEMBLE             | 4-3-08                           | RTZ     |
| 600         | PROOF                | 4-7-08                           | TRW     |
| 605         | CHECK HEADSPACE      | 4-7-08                           | TRW     |
| 610         | DIS-ASSEMBLE GUN     | 4-8-08                           | RPD     |
| 612         | MAGNAFLUX            | 4-9-08                           | remus   |
| 510         | DRILL AND TAP        | 4-9-08                           | Fm      |
| 615         | ROLLMARK CALIBER     | 4-9-08                           | CW      |
| 618         | ROTO-BLAST           | 4-9-08                           | DG      |
| 620         | APPLY COATINGS       | 4-11-08                          | W7      |
| 625         | FINAL ASSEMBLY       | 4-14-08                          | RTZ     |
| 640         | FUNCTION TEST AND    | 4-15-08                          | TRW     |
| 650         | TARGET               | 4-15-08                          | TRW     |
|             | MALFUNCTION          | CORRECTION                       |         |
|             | MALFUNCTION          | CORRECTION                       |         |
|             | MALFUNCTION          | CORRECTION                       |         |
|             | MALFUNCTION          | CORRECTION                       |         |
| 670         | FINAL INSPECTION     | 4-15-08                          | RP      |
|             | A) HEADSPACE         | 4-17-08                          | TRW     |
|             | B) TRIGGER PULL      | 2.51 2.43 2.45 2.54 2.25 4-17-08 | TRW     |
|             | C) SAFETY ON FORCE   | 5.5 5.25 5.75 4-17-08            | TRW     |
|             | D) SAFETY OFF FORCE  | 2.75 2.75 2.75 4-17-08           | TRW     |
|             | E) FIRING PIN INDENT | .0225 .023 .0225 4-17-08         | TRW     |
| 690         | PACK                 | 4-21-08                          | Fm      |

MAGNA - FLUX

2008

OPERATOR remus

N/A

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

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

**MODEL 700™ M24**

**SERIAL NO.**  
C6611673

**ORDER NO.**  
5716

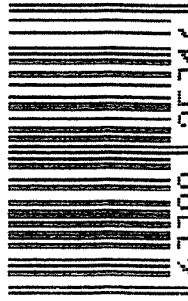
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

20



5716 C6611673

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611673

| OP. #        | OP. NAME                                                       | READINGS | DATE    | INIT |
|--------------|----------------------------------------------------------------|----------|---------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 3 28 91  |         | RW   |
| 600          | Proof                                                          | 3 28 91  |         | RW   |
| 607          | Check Headspace                                                | 3 28 91  |         | RW   |
| 610          | Dis-assemble Gun                                               | 3 28 91  |         | RW   |
| 612          | Magnaflux Barrel<br>Action                                     | APR      | 2 1991  | KR   |
|              | Magnaflux Bolt                                                 | APR      | 2 1991  | W    |
| 615          | Rollmark Caliber                                               | APR      | 2 1991  | LG   |
| 617          | Drill and Tap Sight Holes                                      | APR      | 5 1991  | LB   |
| 618          | Polish Barrel                                                  | APR      | 5 1991  | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 4-9-91  | JA   |
|              | Apply Coating (Bolt)                                           |          |         |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 4/10/91 | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 4/10/91 | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 4/10/91 | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 4/10/91 | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 4/22/91 | JA   |

| op. #        | OP. NAME                                                    | READINGS        |      |                 |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------|-----------------|------|-----------------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                          | 6 $\frac{1}{2}$ | 6    | 6               |      |      | 4-22-91 | DH   |
|              | G) Safety Off Force                                         | 4               | 4    | 4 $\frac{1}{2}$ |      |      | 4-22-91 | DH   |
|              | H) Trigger Pull Test & Retainability                        |                 |      |                 |      |      | 4/22/91 | RL   |
|              | I) Firing Pin Indent                                        | .022            | .022 | .022            |      |      | 4-22-91 | DH   |
|              | J) Assemble Stock                                           |                 |      |                 |      |      | 4/29/91 | RW   |
|              | K) Assemble Swivel Studs                                    |                 |      |                 |      |      | 5-13-91 | A    |
|              | L) Attach Front and Rear Sight Assemblies                   |                 |      |                 |      |      | 4/29/91 | RW   |
|              | M) Iron Sight Alignment                                     |                 |      |                 |      |      | 4/29/91 | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |                 |      |                 |      |      | 4/29/91 | RW   |
|              | O) Attach Scope to Rifle                                    |                 |      |                 |      |      | 4/29/91 | RW   |
|              | P) Detach & Attach Scope 20 Times                           |                 |      |                 |      |      | 4/29/91 | RW   |
| 640          | Gallery Target & Test                                       |                 |      |                 |      |      | 4/29/91 | KT   |
|              | A) Time                                                     |                 |      |                 |      |      |         | KT   |
|              | B) Malfunctions                                             |                 |      |                 |      |      |         | KT   |
|              | C) Pierced Primers                                          |                 |      |                 |      |      |         | KT   |
|              | D) Optical Clarity of Scope                                 |                 |      |                 |      |      |         | KT   |
| 645          | Inspect for Live Ammo                                       |                 |      |                 |      |      | 4/29/91 | KT   |
| 655          | Final Inspection                                            |                 |      |                 |      |      |         |      |
|              | A) Headspace                                                |                 |      |                 |      |      | 5-13-91 | A    |
|              | B) Trigger Pull                                             | 2.39            | 2.17 | 2.30            | 2.36 | 2.38 | 5/10/91 | RL   |
|              | C) Function                                                 |                 |      |                 |      |      | 5-13-91 | AC   |
| 660          | Pack                                                        |                 |      |                 |      |      | 6-18-91 | N    |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS  
2.50# ± .50#  
3.00# ± .75#  
4.00# ± 1.00#

SERIAL NO. C661167-3DATE 4/22/91TESTER JL

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.55             | 2.34                     | 2.30                           | 2.39 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.23             | 2.32                     | 2.36                           | 2.17 |                                                                        |
| PULL #3 | 2.26             | 2.34                     | 2.32                           | 2.30 |                                                                        |
| PULL #4 | 2.15             | 2.29                     | 2.30                           | 2.36 |                                                                        |
| PULL #5 | 2.13             | 2.21                     | 2.30                           | 2.38 |                                                                        |
| TOTAL   |                  |                          |                                |      |                                                                        |
| AVG.    |                  |                          |                                |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.57             | 3.25                     |  |          |
| PULL #2 | 3.20             | 3.26                     |  |          |
| PULL #3 | 3.24             | 3.27                     |  |          |
| PULL #4 | 3.25             | 3.21                     |  |          |
| PULL #5 | 3.19             | 3.26                     |  |          |
| TOTAL   |                  |                          |  |          |
| AVG.    |                  |                          |  |          |

|         | 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 | 4.56             | 4.36                     |                                | 4.56                                 |
| PULL #2 | 4.20             | 4.60                     |                                | 4.35                                 |
| PULL #3 | 4.34             | 4.53                     |                                | 4.61                                 |
| PULL #4 | 4.54             | 4.57                     |                                | 4.31                                 |
| PULL #5 | 4.31             | 4.56                     |                                | 4.62                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6611673  
29 Apr 1991

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .140456 |
| 1 TO | 2 | .130633 |
| 1 TO | 3 | .237453 |
| 1 TO | 4 | .101124 |
| 1 TO | 5 | .265279 |

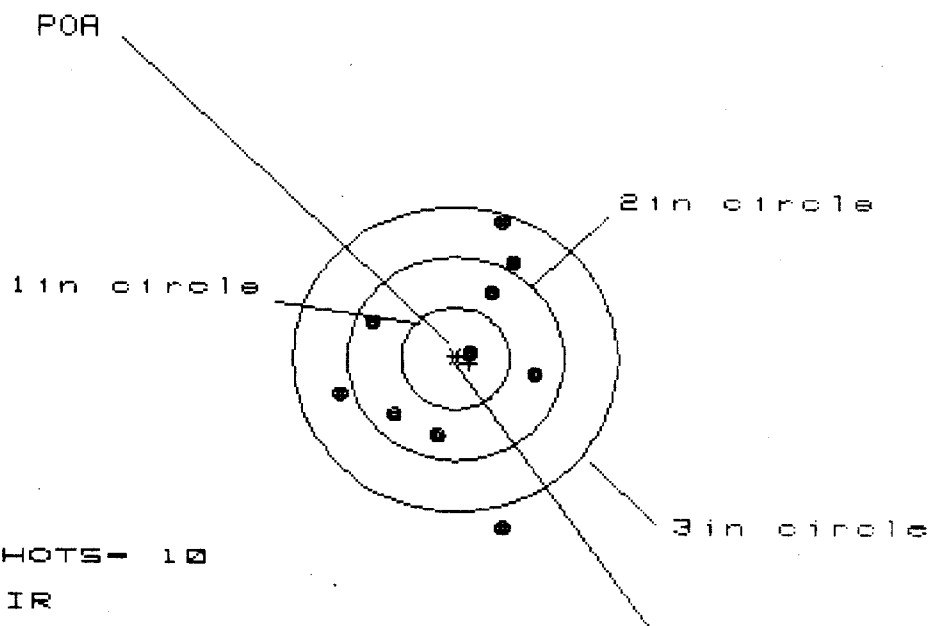
5 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0086  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .049  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .049749  
  
THE AMR FOR THIS RIFLE IS: .823

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## CENTERFIRE PATTERNS # 1



# OF SHOTS - 10

# IN CIR

1in = 1

2in = 6

3in = 9

HS = 1.863

VS = 2.942

GS = 2.942

CENTROID \*

| PATTERN #                     | 1      | 2      | 3     |
|-------------------------------|--------|--------|-------|
| SHOTS (BEST OF)               | 10     | 9      | 8     |
| MAXIMUM X                     | .773   | .819   | .879  |
| MINIMUM X                     | -1.090 | -1.044 | -.984 |
| MAXIMUM Y                     | 1.329  | 1.149  | .942  |
| MINIMUM Y                     | -1.613 | -.886  | -.742 |
| CENTROID X                    | -.132  | -.178  | -.238 |
| CENTROID Y                    | .048   | .228   | .084  |
| POA TO CENTROID in.           | .141   | .289   | .253  |
| MIN RADIUS                    | .130   | .200   | .223  |
| MEAN RADIUS                   | .919   | .831   | .768  |
| MAX RADIUS                    | 1.666  | 1.247  | 1.113 |
| HORIZONTAL SPREAD             | 1.863  | 1.863  | 1.863 |
| VERTICAL SPREAD               | 2.942  | 2.035  | 1.684 |
| EXTREME SPREAD                | 2.942  | 2.255  | 2.049 |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |       |
| NUMBER IN TWO INCH CIRCLE =   | 6      |        |       |
| NUMBER IN THREE INCH CIRCLE = | 9      |        |       |

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## CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

# OF SHOTS - 10

# IN CIR

1 in - 1

2 in - 6

3 in - 10

CENTROID \*

HS= 2.769

VS= 1.377

GS= 2.899

| PATTERN #                   | : | 10     | 9      | 8     |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.438  | 1.381  | 1.234 |
| MINIMUM X                   | : | -1.331 | -1.171 | -.990 |
| MAXIMUM Y                   | : | .777   | .806   | .734  |
| MINIMUM Y                   | : | -.600  | -.571  | -.432 |
| CENTROID X                  | : | -.009  | -.169  | -.022 |
| CENTROID Y                  | : | .004   | -.025  | .047  |
| POA TO CENTROID in.         | : | .010   | .170   | .052  |
| MIN RADIUS                  | : | .376   | .215   | .377  |
| MEAN RADIUS                 | : | .960   | .872   | .834  |
| MAX RADIUS                  | : | 1.461  | 1.399  | 1.270 |
| HORIZONTAL SPREAD           | : | 2.769  | 2.552  | 2.224 |
| VERTICAL SPREAD             | : | 1.377  | 1.377  | 1.166 |
| EXTREME SPREAD              | : | 2.899  | 2.575  | 2.372 |
| NUMBER IN ONE INCH CIRCLE   | = | 1      |        |       |
| NUMBER IN TWO INCH CIRCLE   | = | 6      |        |       |
| NUMBER IN THREE INCH CIRCLE | = | 10     |        |       |

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## CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

# OF SHOTS - 10

# IN CIR

1 in = 2

2 in = 5

3 in = 10

HS = 2.177

VS = 2.235

GS = 2.676

CENTROID \*

| PATTERN #                   | : | 10     | 9     | 8     |
|-----------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | 1.249  | 1.145 | .811  |
| MINIMUM X                   | : | -.928  | -.573 | -.429 |
| MAXIMUM Y                   | : | 1.157  | 1.198 | 1.164 |
| MINIMUM Y                   | : | -1.078 | -.950 | -.983 |
| CENTROID X                  | : | .068   | .172  | .028  |
| CENTROID Y                  | : | -.080  | -.208 | -.174 |
| POA TO CENTROID in.         | : | .105   | .270  | .177  |
| MIN RADIUS                  | : | .363   | .225  | .287  |
| MEAN RADIUS                 | : | .888   | .805  | .746  |
| MAX RADIUS                  | : | 1.483  | 1.239 | 1.177 |
| HORIZONTAL SPREAD           | : | 2.177  | 1.718 | 1.240 |
| VERTICAL SPREAD             | : | 2.235  | 2.148 | 2.148 |
| EXTREME SPREAD              | : | 2.676  | 2.151 | 2.151 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10    |       |

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## CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

# OF SHOTS - 10

# IN CIR

1 in = 3

2 in = 9

3 in = 10

HS = 1.0089

VS = 2.014

GS = 2.053

CENTROID \*

| PATTERN #                   | : | 10    | 9     | 8     |
|-----------------------------|---|-------|-------|-------|
| SHOTS (BEST OF)             | : | 10    | 9     | 8     |
| MAXIMUM X                   | : | .461  | .467  | .288  |
| MINIMUM X                   | : | -.628 | -.622 | -.563 |
| MAXIMUM Y                   | : | 1.140 | .964  | .871  |
| MINIMUM Y                   | : | -.874 | -.748 | -.733 |
| CENTROID X                  | : | -.031 | -.037 | -.096 |
| CENTROID Y                  | : | .043  | -.083 | .010  |
| POA TO CENTROID in.         | : | .053  | .091  | .096  |
| MIN RADIUS                  | : | .291  | .228  | .220  |
| MEAN RADIUS                 | : | .675  | .605  | .572  |
| MAX RADIUS                  | : | 1.141 | .974  | .892  |
| HORIZONTAL SPREAD           | : | 1.089 | 1.089 | .851  |
| VERTICAL SPREAD             | : | 2.014 | 1.712 | 1.604 |
| EXTREME SPREAD              | : | 2.053 | 1.744 | 1.610 |
| NUMBER IN ONE INCH CIRCLE   | = |       | 3     |       |
| NUMBER IN TWO INCH CIRCLE   | = |       | 9     |       |
| NUMBER IN THREE INCH CIRCLE | = |       | 10    |       |

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## CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

# OF SHOTS - 10

# IN CIR

1in = 2

2in = 9

3in = 10

HS = 1.796

VS = 1.225

GS = 1.984

CENTROID #

| PATTERN #                   | : | 10    | 9     | 8     |
|-----------------------------|---|-------|-------|-------|
| SHOTS (BEST OF)             | : | 10    | 9     | 8     |
| MAXIMUM X                   | : | .891  | .790  | .738  |
| MINIMUM X                   | : | -.905 | -.763 | -.664 |
| MAXIMUM Y                   | : | .687  | .570  | .560  |
| MINIMUM Y                   | : | -.538 | -.462 | -.472 |
| CENTROID X                  | : | .061  | .162  | .063  |
| CENTROID Y                  | : | .230  | .154  | .164  |
| POA TO CENTROID in.         | : | .238  | .223  | .175  |
| MIN RADIUS                  | : | .338  | .280  | .272  |
| MEAN RADIUS                 | : | .673  | .613  | .578  |
| MAX RADIUS                  | : | 1.136 | .831  | .787  |
| HORIZONTAL SPREAD           | : | 1.796 | 1.553 | 1.402 |
| VERTICAL SPREAD             | : | 1.225 | 1.032 | 1.032 |
| EXTREME SPREAD              | : | 1.984 | 1.606 | 1.439 |
| NUMBER IN ONE INCH CIRCLE   | = |       | 2     |       |
| NUMBER IN TWO INCH CIRCLE   | = |       | 9     |       |
| NUMBER IN THREE INCH CIRCLE | = |       | 10    |       |