

4-2

C6498807

79

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.

*Remington*

# RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER  
R 94-23206

INITIAL CUSTOMER ORDER NO.

FPS

M24 W/ULTRA 10X-M3A SCOPE

ATTN: FRED MARTIN

Scope S/N 90-0689

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

08/09/94

08/09/94

KK 5-90

C6498807

700

7.62

NATO

ACCESSORIES

SOFT CASE

HARD CASE

SLING STRAP

W/STUDS

W/SWIVELS

W/SCOPE MNTS, BASE

FROM:

SHIP TO:

DEPT. OF THE ARMY  
DIRECTOR OF LOGISTICS  
ATTN: APVR-DL-CS, BLDG 804  
FT. RICHARDSON AK 99505

DEPT. OF THE ARMY  
DIRECTOR OF LOGISTICS  
ATTN: APVR-DL-CS, BLDG 804  
FT. RICHARDSON AK 99505

CUST NO: 101197 C.D.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

R630734500

GUN CONDITION

- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Barrel  
Stock  
Trigger ASSY  
Firing pin ASSY  
mag Spring  
Front & Rear Sight ASSY

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

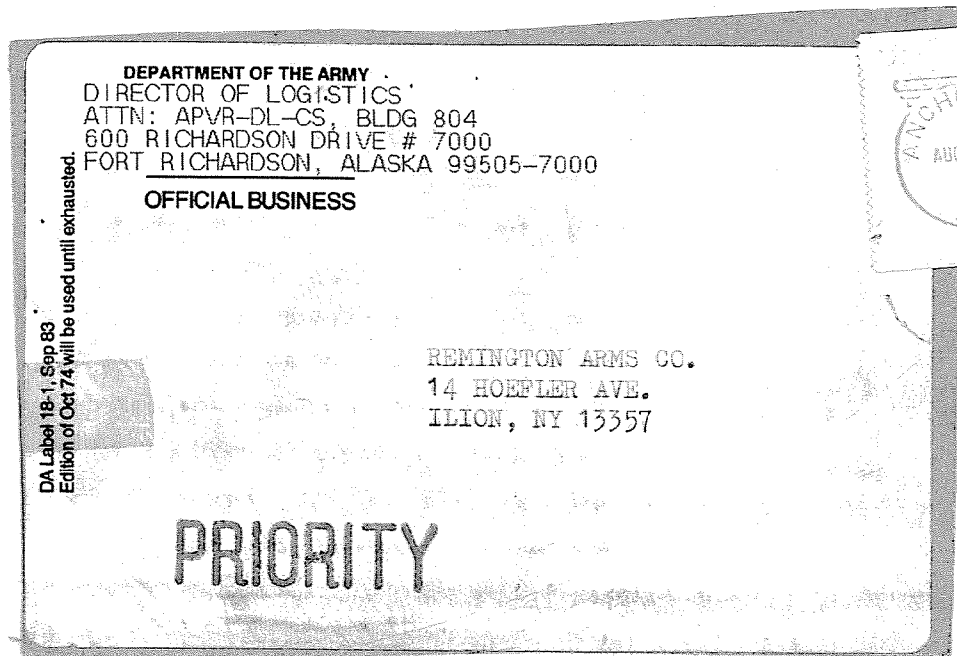
OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

BARBER - M24 00989908097





**BARBER - M24 003800908100**

DD FORM 1348-1A, SEP 87 (BLUE) Jun 86 edition may be used. FORM APPROVED OMB NO. 0704-0188 DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

*Jun 86 edition may be used.*

FORM APPROVED, OMB NO. 0704-0188

DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

PAGE 1  
07/07/94

DODSASP SERIAL NUMBER  
SHIPMENT REPORT

DSMB14S1005012402136

WC1JTH4015AAMP CMAH2WWC1JTH000C6498807 WC1JTH 94188

TOTAL NUMBER OF WEAPONS SHIPPED: 1

PAGE 1  
07/07/94

DODSASP SERIAL NUMBER  
SHIPMENT REPORT

DSMB14S1005012402136

WC1JTH4015AAMP CMAH2WWC1JTH000C6498807 WC1JTH 94188

TOTAL NUMBER OF WEAPONS SHIPPED: 1

SN: C6498807  
CMA H2W

CMD: M

PMN

1 OF A01CM1J024R  
94160SR PROP CON BR  
SUP DIV DOL BLDG 804  
600 RICHARDSON DRIVE 7000  
FT RICHARDSON AK 99505-7000SUBJECT: EXCEPTION DATA  
DOCUMENT NUMBER WC1JTH4018AAMP

1. FOR MATERIEL RETURN TX: FTR/B14/2/1005012402136 /EA/00001/  
WC1JTH4018AAMP/ /Y00000/D/GA/ /MR2/13/160/TD/B14/ /F/D/N/0514500  
IS BEING RETURNED WITH THE FOLLOWING EXCEPTION DATA:  
SHIP TO REMINGTON ARMS, 14 HOEFLER AVE. ILION, NY 13357.  
REQUIRE REQUISITION FOR RETURN FROM CONTRACTOR. SUBMIT  
THRU AVLIN (WALT) WALTON, DSN 793-3838.

2. POINT OF CONTACT FOR THIS ACTION IS TARA MCANDREWS \_\_\_\_\_  
AUTOVON 793-6216 \_\_\_\_\_

(NAME AND TITLE)

CF: MMD-DC

NOTE: DO NOT Return to the Reporting  
Active, Repair and Send to  
the appointing depot.

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

KINZER V. REMINGTON

BARBER - M24 000800008103

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6498807DATE 5-11-96TESTER RA

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |  | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|--|------------------------------------------------------------------------|
| PULL #1 | 2.19             | 2.30                     | 2.12                           |  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.12             | 2.14                     | 2.13                           |  |                                                                        |
| PULL #3 | 2.12             | 2.11                     | 2.13                           |  |                                                                        |
| PULL #4 | 2.07             | 2.20                     | 2.48                           |  |                                                                        |
| PULL #5 | 2.08             | 2.20                     | 2.29                           |  |                                                                        |
| TOTAL   | 10.58            | 10.85                    | 11.15                          |  |                                                                        |
| AVG.    | 2.11             | 2.19                     | 2.23                           |  |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.27             | 3.02                     |  |          |
| PULL #2 | 3.24             | 3.04                     |  |          |
| PULL #3 | 3.24             | 3.08                     |  |          |
| PULL #4 | 3.24             | 3.00                     |  |          |
| PULL #5 | 3.22             | 3.04                     |  |          |
| TOTAL   | 16.21            | 15.18                    |  |          |
| AVG.    | 3.24             | 3.03                     |  |          |

|         | 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 | 4.15             | 4.00                     |                                | 4.01                                 |
| PULL #2 | 4.14             | 3.98                     |                                | 4.18                                 |
| PULL #3 | 4.00             | 3.96                     |                                | 4.03                                 |
| PULL #4 | 4.01             | 3.90                     |                                | 4.20                                 |
| PULL #5 | 4.00             | 3.94                     |                                | 4.00                                 |
| TOTAL   | 20.30            | 19.78                    |                                | 20.42                                |
| AVG.    | 4.06             | 3.95                     |                                | 4.08                                 |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06498807  
27 Mar 1900

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .27015  |
| 1 TO | 2 | .320989 |
| 1 TO | 3 | .237407 |
| 1 TO | 4 | .284529 |
| 1 TO | 5 | .383407 |

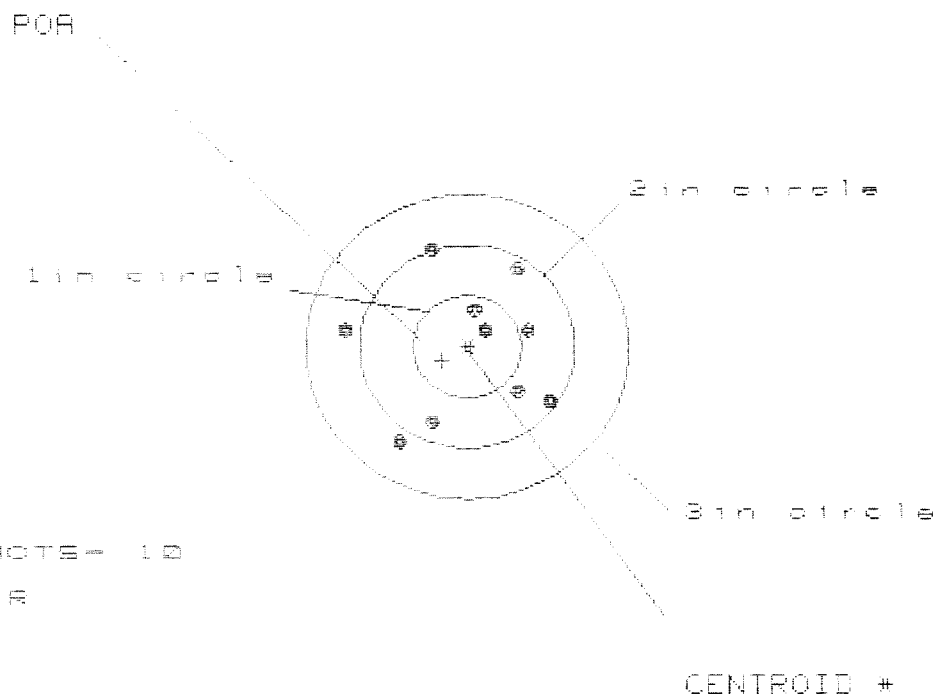
$\frac{4.1}{5}$  -----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1184  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1064  
THE RESULTING AVERAGE COI RADIUS FOR THIS RIFLE IS: .152010  
THE AMR FOR THIS RIFLE IS: .9248

27 Mar 1968

FILE:/PATTERNING/CENTERFIRE\_PATT/08498807

## CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 7

3 in = 10

HE= 1.916

VS= 1.965

GS= 2.073

| PATTERN #                     | 1      | 2      | 3     |
|-------------------------------|--------|--------|-------|
| SHOTS (BEST OF)               | 10     | 9      | 8     |
| MAXIMUM X                     | .773   | .701   | .549  |
| MINIMUM X                     | -1.143 | -1.215 | -.587 |
| MAXIMUM Y                     | .993   | .885   | .892  |
| MINIMUM Y                     | -.972  | -.812  | -.804 |
| CENTROID X                    | .234   | .306   | .458  |
| CENTROID Y                    | .135   | .243   | .235  |
| POA TO CENTROID in.           | .270   | .391   | .515  |
| MIN RADIUS                    | .210   | .084   | .100  |
| MEAN RADIUS                   | .778   | .701   | .616  |
| MAX RADIUS                    | 1.170  | 1.217  | 1.068 |
| HORIZONTAL SPREAD             | 1.916  | 1.916  | 1.136 |
| VERTICAL SPREAD               | 1.965  | 1.697  | 1.697 |
| EXTREME SPREAD                | 2.073  | 2.026  | 1.867 |
| NUMBER IN ONE INCH CIRCLE =   |        | 2      |       |
| NUMBER IN TWO INCH CIRCLE =   |        | 7      |       |
| NUMBER IN THREE INCH CIRCLE = |        | 10     |       |

27 Mar 1900

FILE:/PATTERNING/CENTERFIRE\_PATT/C6498887

## CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

# OF SHOTS- 10

# IN CIR

1 in = 1

2 in = 3

3 in = 10

HS= 2.573

VS= 2.524

GS= 2.763

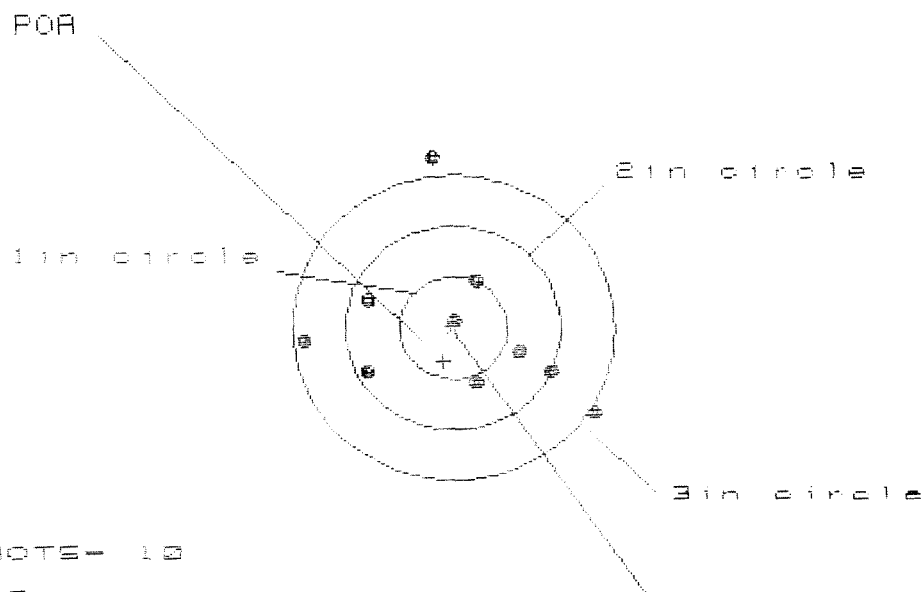
CENTROID #

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.351  | 1.468  | .726   |
| MINIMUM X                     | -1.222 | -1.105 | -.921  |
| MAXIMUM Y                     | 1.265  | 1.383  | 1.437  |
| MINIMUM Y                     | -1.259 | -1.141 | -1.087 |
| CENTROID X                    | -.013  | -.130  | -.314  |
| CENTROID Y                    | -.070  | -.188  | -.241  |
| POA TO CENTROID in.           | .071   | .229   | .396   |
| MIN RADIUS                    | .434   | .515   | .561   |
| MEAN RADIUS                   | 1.090  | 1.032  | .955   |
| MAX RADIUS                    | 1.498  | 1.530  | 1.513  |
| HORIZONTAL SPREAD             | 2.573  | 2.573  | 1.647  |
| VERTICAL SPREAD               | 2.524  | 2.524  | 2.524  |
| EXTREME SPREAD                | 2.763  | 2.698  | 2.525  |
| NUMBER IN ONE INCH CIRCLE =   |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 3      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 10     |        |

27 Mar 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/C6498887

## CENTERFIRE PATTERNS # 3



# OF SHOTS - 10

# IN CIR

1 in = 1

2 in = 7

3 in = 8

HS = 2.788

VS = 2.447

GS = 2.908

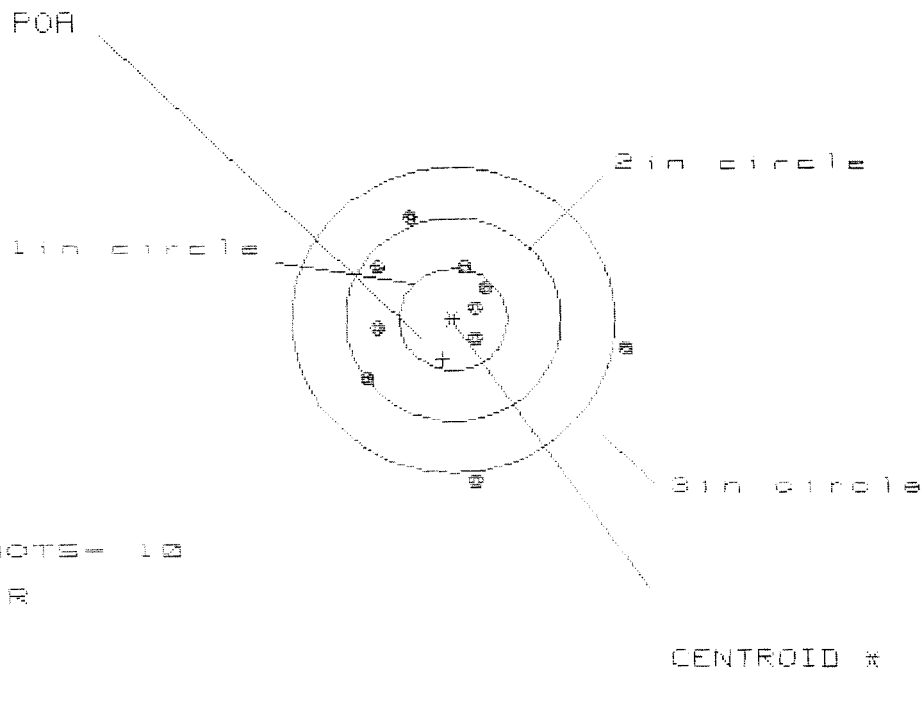
CENTROID #

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.346  | 1.321  | 1.024  |
| MINIMUM X                     | -1.442 | -1.467 | -1.302 |
| MAXIMUM Y                     | 1.670  | .669   | .596   |
| MINIMUM Y                     | -.777  | -.592  | -.431  |
| CENTROID X                    | .093   | .118   | -.047  |
| CENTROID Y                    | .326   | .141   | .215   |
| POA TO CENTROID in.           | .339   | .184   | .220   |
| MIN RADIUS                    | .050   | .222   | .229   |
| MEAN RADIUS                   | .926   | .839   | .767   |
| MAX RADIUS                    | 1.685  | 1.469  | 1.302  |
| HORIZONTAL SPREAD             | 2.788  | 2.788  | 2.326  |
| VERTICAL SPREAD               | 2.447  | 1.261  | 1.027  |
| EXTREME SPREAD                | 2.908  | 2.863  | 2.345  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 7      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 8      |        |        |

27 Mar 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/08498887

## CENTERFIRE PATTERNS # 4



# OF SHOTS- 10

# IN CIR

1 in = 3

2 in = 7

3 in = 8

HS= 2.354

VS= 2.585

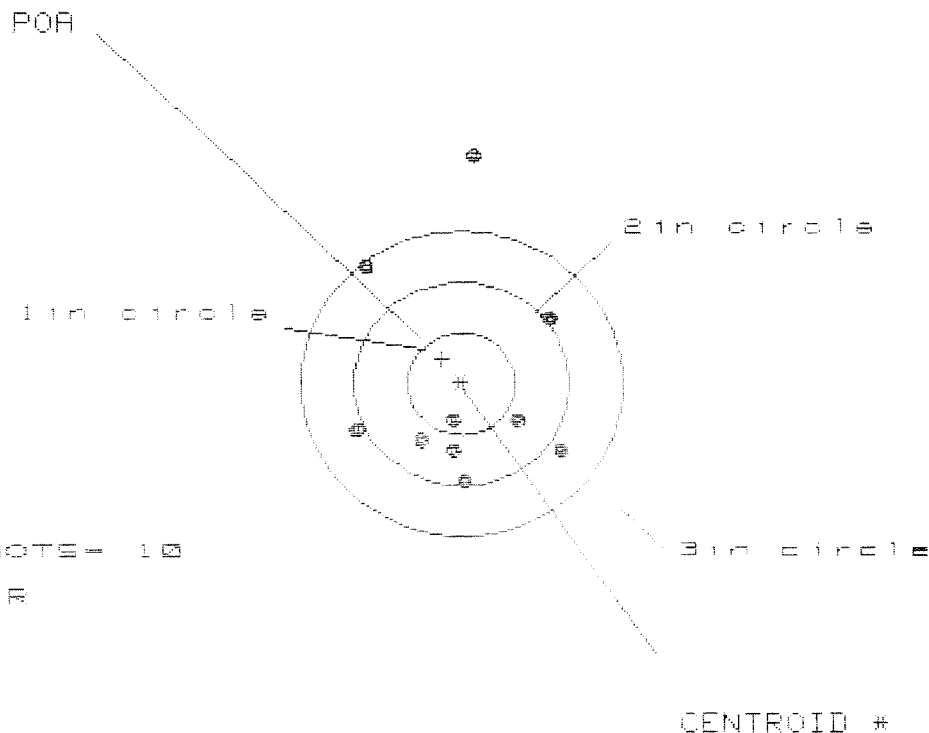
GS= 2.658

| PATTERN #                     | 10     | 9      | 8     |
|-------------------------------|--------|--------|-------|
| SHOTS (BEST OF)               | 10     | 9      | 8     |
| MAXIMUM X                     | 1.563  | .429   | .480  |
| MINIMUM X                     | -.791  | -.617  | -.566 |
| MAXIMUM Y                     | 1.022  | .993   | .794  |
| MINIMUM Y                     | -1.563 | -1.592 | -.764 |
| CENTROID X                    | .100   | -.074  | -.125 |
| CENTROID Y                    | .386   | .415   | .614  |
| FOR TO CENTROID in.           | .399   | .421   | .626  |
| MIN RADIUS                    | .220   | .362   | .407  |
| MEAN RADIUS                   | .829   | .745   | .607  |
| MAX RADIUS                    | 1.585  | 1.643  | .951  |
| HORIZONTAL SPREAD             | 2.354  | 1.046  | 1.046 |
| VERTICAL SPREAD               | 2.585  | 2.585  | 1.558 |
| EXTREME SPREAD                | 2.658  | 2.658  | 1.610 |
| NUMBER IN ONE INCH CIRCLE =   | 3      |        |       |
| NUMBER IN TWO INCH CIRCLE =   | 7      |        |       |
| NUMBER IN THREE INCH CIRCLE = | 8      |        |       |

27 Mar 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/08498807

## CENTERFIRE PATTERNS # 5



# OF SHOTS = 10

# IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 1.825

VS = 3.153

GS = 3.153

CENTROID \*

| PATTERN #                     | 1     | 2     | 3      |
|-------------------------------|-------|-------|--------|
| SHOTS (BEST OF)               | 10    | 8     | 8      |
| MAXIMUM X                     | .884  | .697  | .792   |
| MINIMUM X                     | -.952 | -.938 | -1.042 |
| MAXIMUM Y                     | 2.224 | 1.354 | 1.030  |
| MINIMUM Y                     | -.928 | -.680 | -.511  |
| CENTROID X                    | .183  | .169  | .274   |
| CENTROID Y                    | -.245 | -.493 | -.662  |
| POA TO CENTROID in.           | .306  | .521  | .716   |
| MIN RADIUS                    | .365  | .122  | .160   |
| MEAN RADIUS                   | 1.001 | .769  | .624   |
| MAX RADIUS                    | 2.228 | 1.590 | 1.254  |
| HORIZONTAL SPREAD             | 1.835 | 1.835 | 1.835  |
| VERTICAL SPREAD               | 3.152 | 2.034 | 1.541  |
| EXTREME SPREAD                | 3.153 | 2.445 | 2.061  |
| NUMBER IN ONE INCH CIRCLE =   | 1     |       |        |
| NUMBER IN TWO INCH CIRCLE =   | 5     |       |        |
| NUMBER IN THREE INCH CIRCLE = | 9     |       |        |

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6498807

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

| BARBER - M24 0008073 |                                                             | READINGS |      |      |      |      | DATE    | INIT |
|----------------------|-------------------------------------------------------------|----------|------|------|------|------|---------|------|
| op. #                | OP. NAME                                                    |          |      |      |      |      |         |      |
| 625<br>cont.         | F) Safety On Force                                          | 5        | 5    | 5    |      |      | 5/29/96 | A    |
|                      | G) Safety Off Force                                         | 4        | 4    | 4    |      |      | 5/29/96 | A    |
|                      | H) Trigger Pull Test & Retainability                        |          |      |      |      |      |         |      |
|                      | I) Firing Pin Indent                                        | .024     | .024 | .024 |      |      | 5/29/96 | A    |
|                      | J) Assemble Stock                                           |          |      |      |      |      |         |      |
|                      | K) Assemble Swivel Studs                                    |          |      |      |      |      |         |      |
|                      | L) Attach Front and Rear Sight Assemblies                   |          |      |      |      |      |         |      |
|                      | M) Iron Sight Alignment                                     |          |      |      |      |      |         |      |
|                      | N) Detach Front & Rear Sights & place in numbered container |          |      |      |      |      |         |      |
|                      | O) Attach Scope to Rifle                                    |          |      |      |      |      |         |      |
|                      | P) Detach & Attach Scope 20 Times                           |          |      |      |      |      |         |      |
| 640                  | Gallery Target & Test                                       |          |      |      |      |      |         |      |
|                      | A) Time                                                     |          |      |      |      |      |         |      |
|                      | B) Malfunctions                                             |          |      |      |      |      |         |      |
|                      | C) Pierced Primers                                          |          |      |      |      |      |         |      |
|                      | D) Optical Clarity of Scope                                 |          |      |      |      |      |         |      |
| 645                  | Inspect for Live Ammo                                       |          |      |      |      |      |         |      |
| 655                  | Final Inspection                                            |          |      |      |      |      |         |      |
|                      | A) Headspace                                                |          |      |      |      |      |         |      |
|                      | B) Trigger Pull                                             | 2.45     | 2.23 | 2.48 | 2.54 | 2.21 | 5/29/96 | WB   |
|                      | C) Function                                                 |          |      |      |      |      |         |      |
| 660                  | Pack                                                        |          |      |      |      |      |         |      |

Remington®



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

MODEL 700™ M24

SERIAL NO.  
C6498807

ORDER NO.  
5716

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

01



5716 C6498807

UPC



0 47700 25716 7

BARBER - M24 0008074

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

BARBER - M24 000809008113

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498807

| OP. #        | OP. NAME                                                       | READINGS | DATE    | INIT |
|--------------|----------------------------------------------------------------|----------|---------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 5 9 90   |         | RW   |
| 600          | Proof                                                          | 5 9 90   |         | RW   |
| 607          | Check Headspace                                                | 5 9 90   |         | RW   |
| 610          | Dis-assemble Gun                                               | 5 9 90   |         | RW   |
| 612          | Magnaflux Barrel<br>Action                                     | 5-15-90  |         | BER  |
|              | Magnaflux Bolt                                                 | 5-15-90  |         | BER  |
| 615          | Rollmark Caliber                                               | 5-15-90  |         | BER  |
| 617          | Drill and Tap Sight Holes                                      |          | 5/17/90 | FB   |
| 618          | Polish Barrel AB                                               |          | 5/17/90 | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 5-25-90 | TA   |
|              | Apply Coating (Bolt)                                           |          |         | TA   |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 5/25/90 | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 5/25/90 | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 5/25/90 | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 5/25/90 | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 5-31-90 | RU   |

**BARBER - M24 0008076**

| BARBER - M24 0008076 |                                                             |          |       |       |         |      |        |    |
|----------------------|-------------------------------------------------------------|----------|-------|-------|---------|------|--------|----|
| op. #                | OP. NAME                                                    | READINGS |       |       | DATE    | INIT |        |    |
| 625<br>cont.         | F) Safety On Force                                          | 4        | 4     | 4     | 6/1/90  | WB   |        |    |
|                      | G) Safety Off Force                                         | 2 1/4    | 2 1/4 | 2 1/4 | 6/1/90  | WB   |        |    |
|                      | H) Trigger Pull Test & Retainability                        |          |       |       | 6/31/90 | JH   |        |    |
|                      | I) Firing Pin Indent                                        | .025     | .025  | .025  | 6/1/90  | WB   |        |    |
|                      | J) Assemble Stock                                           |          |       |       | 6/1/90  | RW   |        |    |
|                      | K) Assemble Swivel Studs                                    |          |       |       | 6-8-90  | JH   |        |    |
|                      | L) Attach Front and Rear Sight Assemblies                   |          |       |       | 6/1/90  | RW   |        |    |
|                      | M) Iron Sight Alignment                                     |          |       |       | 6/1/90  | RW   |        |    |
|                      | N) Detach Front & Rear Sights & place in numbered container |          |       |       | 6/1/90  | RW   |        |    |
|                      | O) Attach Scope to Rifle                                    |          |       |       | 6/4/90  | WB   |        |    |
|                      | P) Detach & Attach Scope 20 Times                           |          |       |       | 6/4/90  | WB   |        |    |
| 640                  | Gallery Target & Test                                       |          |       |       | 6-4-90  | AC   |        |    |
|                      | A) Time                                                     |          |       |       | 6-4-90  | AC   |        |    |
|                      | B) Malfunctions                                             |          |       |       | 6-4-90  | AC   |        |    |
|                      | C) Pierced Primers                                          |          |       |       | 6-4-90  | AC   |        |    |
|                      | D) Optical Clarity of Scope                                 |          |       |       | 6-4-90  | AC   |        |    |
| 645                  | Inspect for Live Ammo                                       |          |       |       | 6-4-90  | AC   |        |    |
| 655                  | Final Inspection                                            |          |       |       |         |      |        |    |
|                      | A) Headspace                                                |          |       |       | 6-8-90  | JH   |        |    |
|                      | B) Trigger Pull                                             | 247      | 239   | 241   | 245     | 242  | 6-8-90 | JH |
|                      | C) Function                                                 |          |       |       |         |      | 6-8-90 | JH |
| 660                  | Pack                                                        |          |       |       |         |      | 6-9-90 | DH |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06498807

DATE 5/31/90

TESTER JE

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.37             | 2.23                     | 2.30                           | 2.47 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.35             | 2.15                     | 2.25                           | 2.39 |                                                                        |
| PULL #3 | 2.41             | 2.24                     | 2.15                           | 2.41 |                                                                        |
| PULL #4 | 2.33             | 2.10                     | 2.25                           | 2.45 |                                                                        |
| PULL #5 | 2.16             | 2.15                     | 2.10                           | 2.42 |                                                                        |
| TOTAL   | 11.62            | 10.87                    | 11.05                          |      |                                                                        |
| AVG.    | 2.324            | 2.174                    | 2.21                           |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.24             | 3.29                     |  |          |
| PULL #2 | 3.33             | 3.35                     |  |          |
| PULL #3 | 3.07             | 3.33                     |  |          |
| PULL #4 | 3.29             | 3.29                     |  |          |
| PULL #5 | 3.25             | 3.24                     |  |          |
| TOTAL   | 16.18            | 16.50                    |  |          |
| AVG.    | 3.236            | 3.3                      |  |          |

|         | 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 | 4.45             | 4.47                     |                                | 4.54                                 |
| PULL #2 | 4.41             | 4.49                     |                                | 4.43                                 |
| PULL #3 | 4.51             | 4.50                     |                                | 4.47                                 |
| PULL #4 | 4.40             | 4.45                     |                                | 4.50                                 |
| PULL #5 | 4.45             | 4.40                     |                                | 4.40                                 |
| TOTAL   | 22.22            | 22.31                    |                                | 22.34                                |
| AVG.    | 4.444            | 4.462                    |                                | 4.468                                |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6498807  
6 Jun 1990

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .526818 |
| 1 TO | 2 | .119633 |
| 1 TO | 3 | .72747  |
| 1 TO | 4 | .785652 |
| 1 TO | 5 | .795252 |

$\frac{1}{25} +$  (----POA

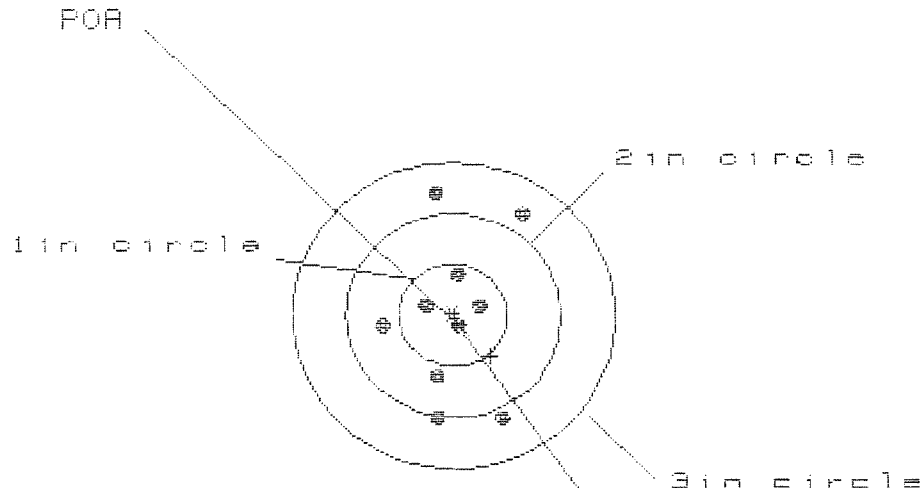
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3616  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0428  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .364124

THE AMR FOR THIS RIFLE IS: .7962

5 Jun 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/06498807

## CENTERFIRE PATTERNS # 1



# OF SHOTS = 10

# IN CIR

1 in = 4

2 in = 7

3 in = 10

HS = 1.304

VS = 2.199

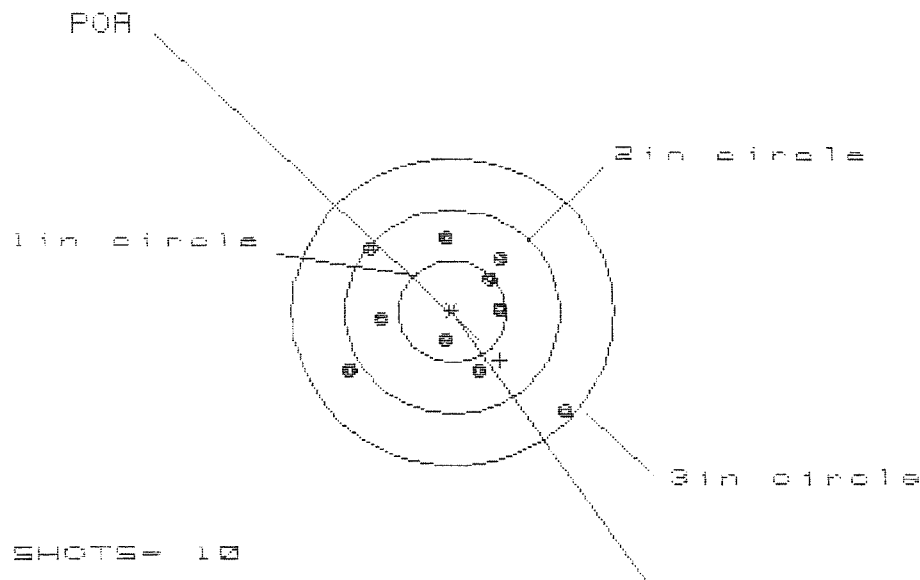
GS = 2.299

| PATTERN #                     | 1      | 2     | 3     |
|-------------------------------|--------|-------|-------|
| SHOTS (BEST OF)               | 10     | 9     | 8     |
| MAXIMUM X                     | .599   | .579  | .543  |
| MINIMUM X                     | -.705  | -.725 | -.653 |
| MAXIMUM Y                     | 1.158  | 1.114 | .763  |
| MINIMUM Y                     | -1.041 | -.912 | -.773 |
| CENTROID X                    | -.344  | -.324 | -.396 |
| CENTROID Y                    | .399   | .270  | .131  |
| POA TO CENTROID in.           | .527   | .422  | .418  |
| MIN RADIUS                    | .094   | .095  | .251  |
| MEAN RADIUS                   | .681   | .627  | .557  |
| MAX RADIUS                    | 1.172  | 1.255 | .945  |
| HORIZONTAL SPREAD             | 1.304  | 1.304 | 1.196 |
| VERTICAL SPREAD               | 2.199  | 2.026 | 1.476 |
| EXTREME SPREAD                | 2.299  | 2.075 | 1.550 |
| NUMBER IN ONE INCH CIRCLE =   | 4      |       |       |
| NUMBER IN TWO INCH CIRCLE =   | 7      |       |       |
| NUMBER IN THREE INCH CIRCLE = | 10     |       |       |

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## CENTERFIRE PATTERNS # 2



# OF SHOTS = 10

# IN CIR

1 in = 3

2 in = 7

3 in = 10

HS = 1.9550

VS = 1.717

GS = 2.440

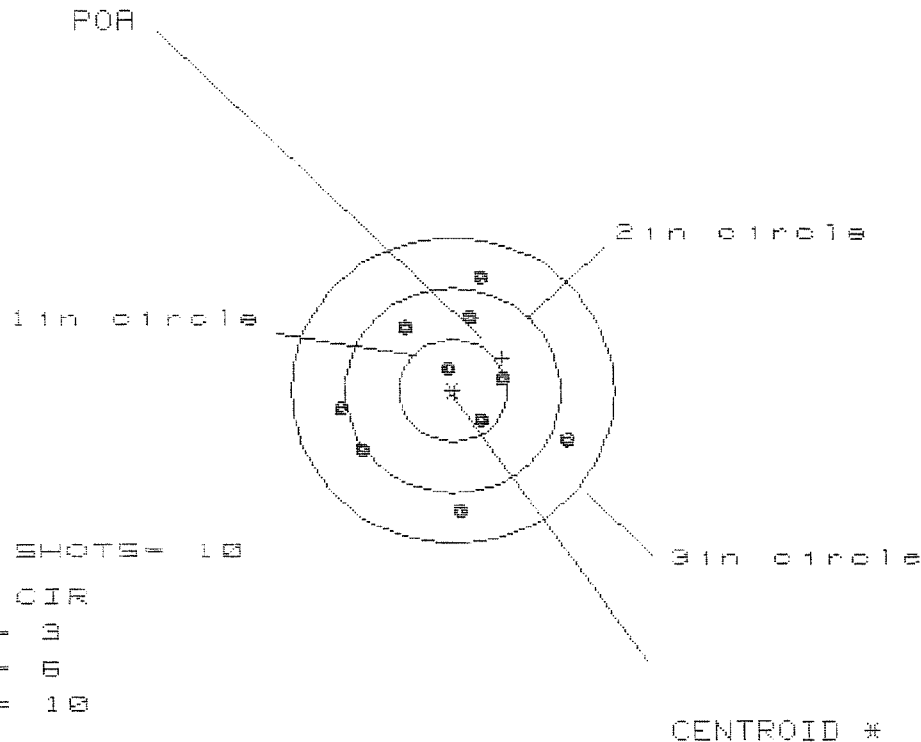
CENTROID \*

| PATTERN #                     | 1     | 2     | 3     |
|-------------------------------|-------|-------|-------|
| SHOTS (BEST OF)               | 10    | 9     | 8     |
| MAXIMUM X                     | 1.036 | .585  | .485  |
| MINIMUM X                     | -.914 | -.799 | -.758 |
| MAXIMUM Y                     | .735  | .626  | .546  |
| MINIMUM Y                     | -.982 | -.645 | -.725 |
| CENTROID X                    | -.438 | -.553 | -.453 |
| CENTROID Y                    | .473  | .582  | .662  |
| POA TO CENTROID in.           | .645  | .803  | .882  |
| MIN RADIUS                    | .248  | .371  | .365  |
| MEAN RADIUS                   | .735  | .660  | .594  |
| MAX RADIUS                    | 1.428 | 1.022 | .889  |
| HORIZONTAL SPREAD             | 1.950 | 1.384 | 1.243 |
| VERTICAL SPREAD               | 1.717 | 1.271 | 1.271 |
| EXTREME SPREAD                | 2.440 | 1.741 | 1.549 |
| NUMBER IN ONE INCH CIRCLE =   |       | 3     |       |
| NUMBER IN TWO INCH CIRCLE =   |       | 7     |       |
| NUMBER IN THREE INCH CIRCLE = |       | 10    |       |

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## CENTERFIRE PATTERNS # 3



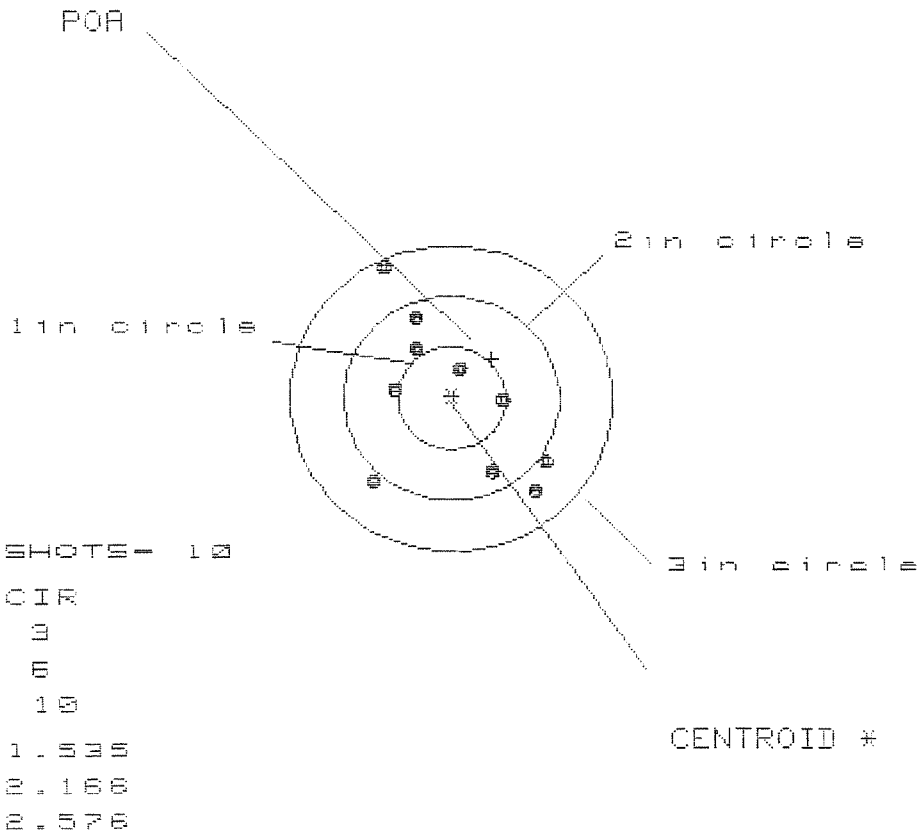
| PATTERN #                     | 3      | 3      | 3     |
|-------------------------------|--------|--------|-------|
| SHOTS (BEST OF)               | 10     | 9      | 8     |
| MAXIMUM X                     | 1.038  | 1.043  | .579  |
| MINIMUM X                     | -1.063 | -1.058 | -.928 |
| MAXIMUM Y                     | 1.101  | .969   | .887  |
| MINIMUM Y                     | -1.188 | -.717  | -.799 |
| CENTROID X                    | -.461  | -.466  | -.596 |
| CENTROID Y                    | -.319  | -.188  | -.106 |
| POA TO CENTROID in.           | .561   | .502   | .606  |
| MIN RADIUS                    | .250   | .118   | .128  |
| MEAN RADIUS                   | .815   | .749   | .687  |
| MAX RADIUS                    | 1.188  | 1.229  | 1.046 |
| HORIZONTAL SPREAD             | 2.101  | 2.101  | 1.507 |
| VERTICAL SPREAD               | 2.288  | 1.686  | 1.686 |
| EXTREME SPREAD                | 2.303  | 2.122  | 2.024 |
| NUMBER IN ONE INCH CIRCLE =   | 3      |        |       |
| NUMBER IN TWO INCH CIRCLE =   | 6      |        |       |
| NUMBER IN THREE INCH CIRCLE = | 10     |        |       |

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## CENTERFIRE PATTERNS

# 4

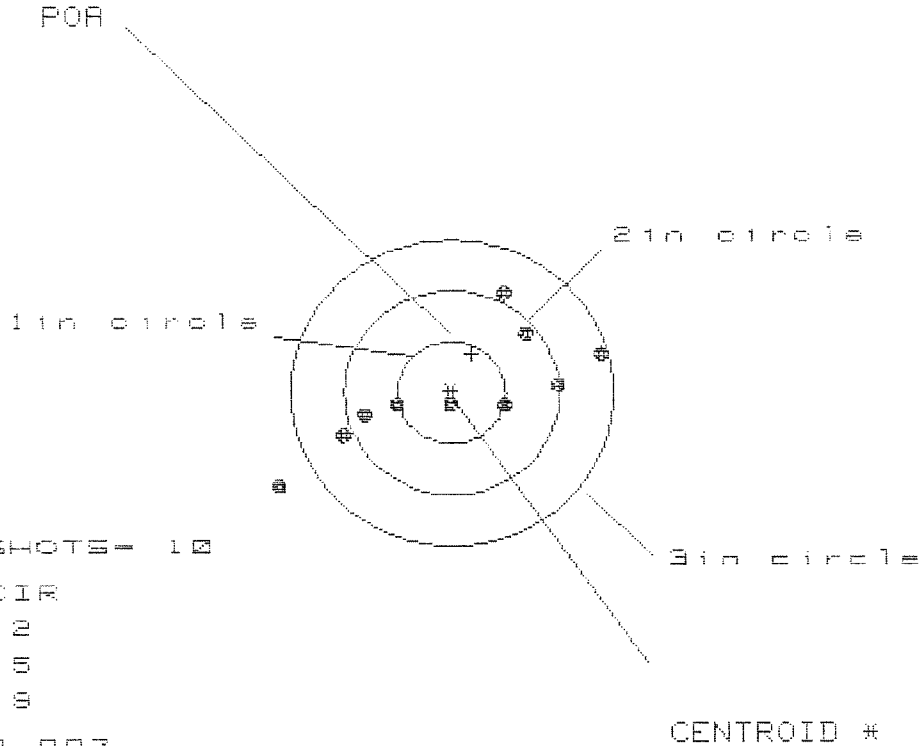


| PATTERN #                   | : | 4     |       |       |
|-----------------------------|---|-------|-------|-------|
| SHOTS (BEST OF)             | : | 10    | 9     | 8     |
| MAXIMUM X                   | : | .855  | .784  | .868  |
| MINIMUM X                   | : | -.680 | -.751 | -.667 |
| MAXIMUM Y                   | : | 1.287 | .924  | .832  |
| MINIMUM Y                   | : | -.879 | -.736 | -.719 |
| CENTROID X                  | : | -.376 | -.305 | -.389 |
| CENTROID Y                  | : | -.386 | -.529 | -.437 |
| POB TO CENTROID in.         | : | .539  | .610  | .585  |
| MIN RADIUS                  | : | .296  | .403  | .349  |
| MEAN RADIUS                 | : | .810  | .743  | .694  |
| MAX RADIUS                  | : | 1.439 | 1.000 | 1.009 |
| HORIZONTAL SPREAD           | : | 1.535 | 1.535 | 1.535 |
| VERTICAL SPREAD             | : | 2.166 | 1.660 | 1.551 |
| EXTREME SPREAD              | : | 2.576 | 1.955 | 1.762 |
| NUMBER IN ONE INCH CIRCLE   | = |       | 3     |       |
| NUMBER IN TWO INCH CIRCLE   | = |       | 6     |       |
| NUMBER IN THREE INCH CIRCLE | = |       | 10    |       |

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## CENTERFIRE PATTERNS # 5



# OF SHOTS = 10

# IN CIR

1 in = 2

2 in = 5

3 in = 9

HE = 2.997

VS = 1.978

GS = 3.298

CENTROID #

| PATTERN #                     | 5      | 5      | 8     |
|-------------------------------|--------|--------|-------|
| SHOTS (BEST OF)               | 10     | 9      | 8     |
| MAXIMUM X                     | 1.353  | 1.170  | .980  |
| MINIMUM X                     | -1.644 | -1.144 | -.998 |
| MAXIMUM Y                     | 1.018  | .912   | .950  |
| MINIMUM Y                     | -.960  | -.555  | -.517 |
| CENTROID X                    | -.189  | -.006  | -.152 |
| CENTROID Y                    | -.381  | -.275  | -.313 |
| POA TO CENTROID in.           | .425   | .275   | .348  |
| MIN RADIUS                    | .152   | .344   | .229  |
| MEAN RADIUS                   | .940   | .827   | .767  |
| MAX RADIUS                    | 1.904  | 1.272  | 1.124 |
| HORIZONTAL SPREAD             | 2.997  | 2.314  | 1.978 |
| VERTICAL SPREAD               | 1.978  | 1.467  | 1.467 |
| EXTREME SPREAD                | 3.298  | 2.470  | 2.056 |
| NUMBER IN ONE INCH CIRCLE =   | 2      |        |       |
| NUMBER IN TWO INCH CIRCLE =   | 5      |        |       |
| NUMBER IN THREE INCH CIRCLE = | 9      |        |       |