

UPC



E6374519

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

M2400128106

ORDER NO. 25705  
BARREL LENGTH 24"  
CAPACITY \* 6  
\*INCLUDES 1 IN CHAMBER

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6374519  
5 Dec 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0116667  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.140333  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .140817

THE AMR FOR THIS RIFLE IS: .8513

# CENTROIDAL DISTANCES

|        |          |
|--------|----------|
| 0 TO 1 | .0802621 |
| 1 TO 2 | .204137  |
| 1 TO 3 | .103711  |

$\begin{matrix} + \\ 2 \end{matrix} \begin{matrix} + \\ 3 \end{matrix}$  <----POA

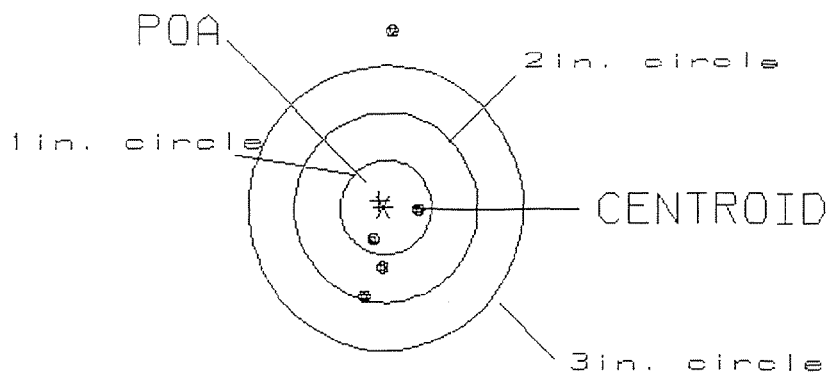
PATTERN #: 1

POA TO CENTROID: .080  
 MIN RADIUS : .318  
 MEAN RADIUS : .825  
 MAX RADIUS : 1.823  
 CENTROID X : .041  
 CENTROID Y : -.069

5 Dec 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/EG374519

# CENTERFIRE PATTERN # 1



# OF SHOTS= 5

# IN CIRCLE

HS= .69  
 VS= 2.76  
 GS= 2.79

2  
 4  
 4

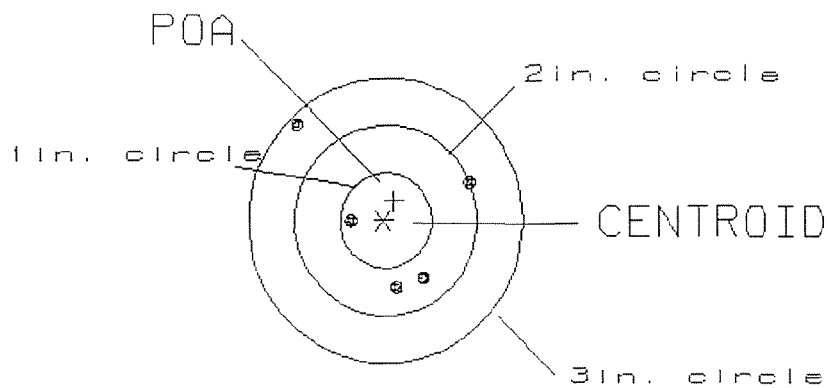
PATTERN #: 2

POA TO CENTROID: .232  
 MIN RADIUS : .394  
 MEAN RADIUS : .826  
 MAX RADIUS : 1.365  
 CENTROID X : -.113  
 CENTROID Y : -.203

5 Dec 1997

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# CENTERFIRE PATTERN # 2



# OF SHOTS= 5

# IN CIRCLE

HS= 1.86  
 VS= 1.67  
 GS= 2.05

1  
 4  
 5

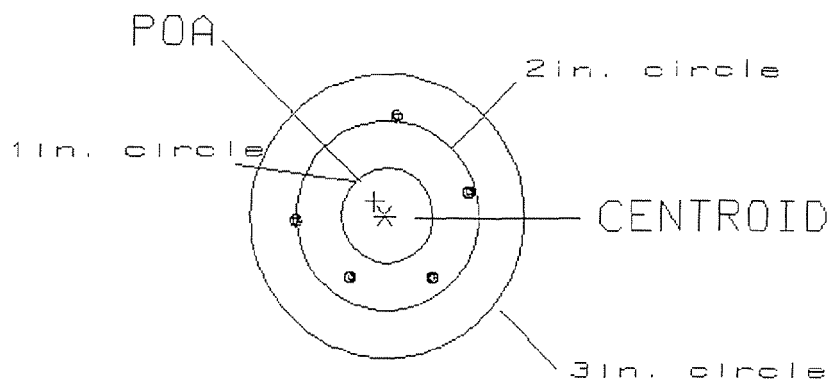
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .184  
 MIN RADIUS : .751  
 MEAN RADIUS : .903  
 MAX RADIUS : 1.042  
 CENTROID X : .107  
 CENTROID Y : -.149

5 Dec 1997

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# CENTERFIRE PATTERN # 3



# OF SHOTS= 5

# IN CIRCLE

HS= 1.90  
 VS= 1.65  
 GS= 1.94

0  
 3  
 5

ISRAELI GUNS

CONTRACT # DAAE20-97-C-0182

GUN SERIAL #

E6374519

| OP. #        | OPERATION 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<br>SIGHT HOLES                                   |          |      |         |
| 618          | POLISH BARREL                                                  |          |      |         |
| 620          | APPLY COATINGS<br>(BARREL ACTION)                              |          |      |         |
|              | (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<br>HOLE FOR CHAMFER                         |          |      |         |
|              | D) OIL FIRING PIN<br>ASSEMBLY                                  |          |      |         |
|              | E) ADJUST TRIGGER PULL<br>TO MIN. SETTING AND<br>STAKE         |          |      |         |

| OP. # | OPERATION NAME                                                           | READINGS                                                    | DATE               | INITIAL         |
|-------|--------------------------------------------------------------------------|-------------------------------------------------------------|--------------------|-----------------|
| 625   | F) SAFETY ON FORCE                                                       | <u>6</u> <u>6</u> <u>6</u>                                  | 11-14-97           | CR              |
| CONT. | G) SAFETY OFF FORCE                                                      | <u>3</u> <u>3</u> <u>3</u>                                  | 11-14-97           | CR              |
|       | H) TRIGGER PULL<br>TEST AND<br>RETAINABILITY                             |                                                             |                    |                 |
|       | I) FIRING PIN INDENT                                                     | <u>1023</u> <u>1022</u> <u>1023</u>                         | 11-14-97           | CR              |
|       | J) ASSEMBLE STOCK                                                        |                                                             | 11-13-97           | CR              |
|       | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             |                    |                 |
|       | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 11-13-97           | CR              |
|       | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 11-13-97           | CR              |
|       | N) DETACH FRONT AND<br>REAR SIGHTS AND<br>PLACE IN NUMBERED<br>CONTAINER |                                                             | 11-13-97           | CR              |
| 640   | GALLERY TEST AND<br>TARGET                                               | L-50 R-100                                                  | 12/1/97<br>12-5-97 | TM<br>DB        |
|       | A) MALFUNCTIONS                                                          |                                                             | 12-1-97<br>12-5-97 | TM<br>DB        |
|       | B) PIERCED PRIMERS                                                       |                                                             | 12-1-97<br>12-5-97 | TM<br>DB        |
| 645   | INSPECT FOR LIVE<br>AMMO                                                 |                                                             | 12-1-97<br>12-5-97 | TM & B<br>DB DE |
| 655   | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 12/10/97           | RW              |
|       | B) TRIGGER PULL                                                          | <u>2.63</u> <u>2.59</u> <u>2.64</u> <u>2.59</u> <u>2.62</u> | 12/6/97            | TM              |
|       | C) FUNCTION                                                              |                                                             |                    |                 |
| 660   | PACK                                                                     |                                                             |                    |                 |

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6374519  
1 Dec 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS:  $-.037$   
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS:  $-.152667$   
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS:  $.157086$

THE AMR FOR THIS RIFLE IS:  $1.406$

### CENTROIDAL DISTANCES

|        |         |
|--------|---------|
| 0 TO 1 | .259515 |
| 1 TO 2 | .126811 |
| 1 TO 3 | .393103 |

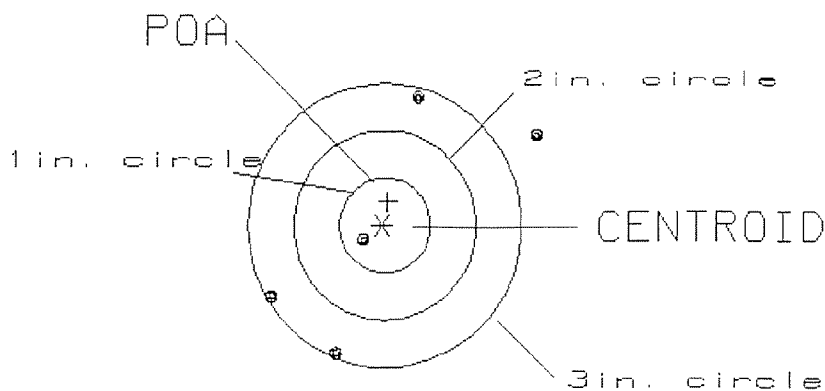
$\begin{matrix} 3 \\ + \\ 1_2 \end{matrix}$  <----POA

PATTERN #: 1  
 POA TO CENTROID: .259  
 MIN RADIUS : .302  
 MEAN RADIUS : 1.297  
 MAX RADIUS : 1.897  
 CENTROID X : -.062  
 CENTROID Y : -.252

1 Dec 1997

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# CENTERFIRE PATTERN # 1



# OF SHOTS= 5

# IN CIRCLE

HS= 2.88  
 VS= 2.69  
 GS= 3.36

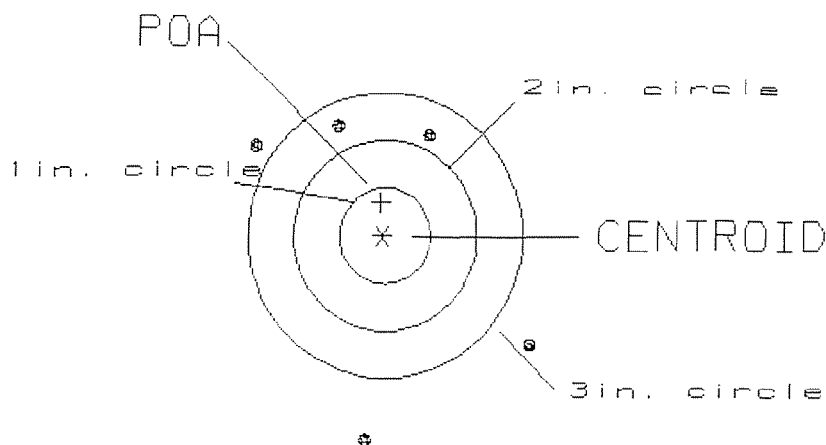
1  
 1  
 4

PATTERN #: 2  
 POA TO CENTROID: .348  
 MIN RADIUS : 1.197  
 MEAN RADIUS : 1.658  
 MAX RADIUS : 2.120  
 CENTROID X : .022  
 CENTROID Y : -.347

1 Dec 1997

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# CENTERFIRE PATTERN # 2



# OF SHOTS= 5

# IN CIRCLE

HS= 3.02

0

VS= 3.30

0

GS= 3.68

2

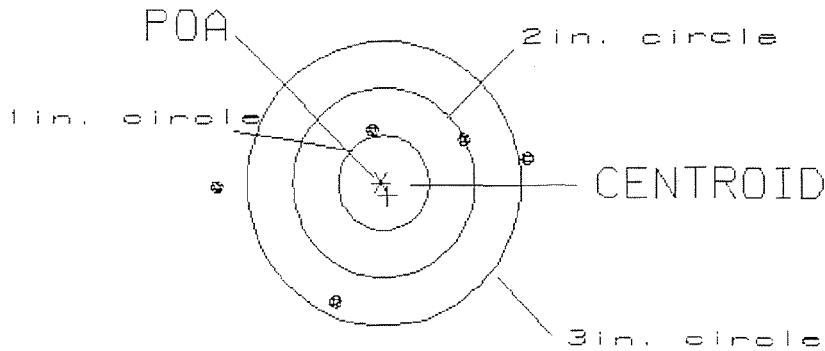
PATTERN #: 3

POA TO CENTROID: .158  
 MIN RADIUS : .587  
 MEAN RADIUS : 1.264  
 MAX RADIUS : 1.818  
 CENTROID X : -.071  
 CENTROID Y : .141

1 Dec 1997

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# CENTERFIRE PATTERN # 3



# OF SHOTS= 5

# IN CIRCLE

HS= 3.39

0

VS= 1.81

2

GS= 3.40

3

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50#+ .50#

3.00#+ .75#

4.00#+1.00#

SERIAL NO. E6374579

DATE 11-13-97

TESTER AAP

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------------------------------------------------------------------------|
| PULL #1 | 2.56             | 2.46                     | 2.48                           | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.32             | 2.30                     | 2.28                           |                                                                        |
| PULL #3 | 2.35             | 2.36                     | 2.41                           |                                                                        |
| PULL #4 | 2.43             | 2.34                     | 2.46                           |                                                                        |
| PULL #5 | 2.34             | 2.23                     | 2.30                           |                                                                        |
| TOTAL   | 12.00            | 11.69                    | 11.93                          |                                                                        |
| AVG.    | 2.40             | 2.34                     | 2.39                           |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES | COMMENTS |
|---------|------------------|--------------------------|----------|
| PULL #1 | 3.05             | 2.87                     |          |
| PULL #2 | 2.97             | 2.97                     |          |
| PULL #3 | 2.86             | 2.92                     |          |
| PULL #4 | 2.94             | 2.97                     |          |
| PULL #5 | 2.91             | 2.73                     |          |
| TOTAL   | 14.73            | 14.46                    |          |
| AVG.    | 2.95             | 2.89                     |          |

|         | 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 | 3.81             | 3.94                     |                                | 3.95                                 |
| PULL #2 | 3.82             | 3.91                     |                                | 3.94                                 |
| PULL #3 | 3.81             | 3.87                     |                                | 4.00                                 |
| PULL #4 | 3.80             | 3.89                     |                                | 3.86                                 |
| PULL #5 | 3.85             | 3.87                     |                                | 3.82                                 |
| TOTAL   | 19.09            | 19.48                    |                                | 19.62                                |
| AVG.    | 3.82             | 3.90                     |                                | 3.92                                 |

Do Not Use

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

**Remington®**

MODEL 700™ M24  
BOLT ACTION CENTERFIRE RIFLE  
24" BARREL 7.62 NATO 6\*

REG. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.

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