

C5348725

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5715**

\*Includes 1 in chamber.



## RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER  
R 95-10973INITIAL ☒ CUSTOMER ORDER NO.W/10X SCOPE SNIPER  
ATTN: FRED MARTIN

Scope # 89-0585

|                                   |             |           |               |                   |                 |
|-----------------------------------|-------------|-----------|---------------|-------------------|-----------------|
| DATE RECEIVED                     | DATE OPENED | DATE CODE | SERIAL NUMBER | NEW SERIAL NUMBER | MODEL AND GRADE |
| 03/30/95                          | 03/31/95    | EJ 10-89  | C6348725      |                   | 700 7.62 NATO   |
| ACCESSORIES SCOPE MNTS SCOPE BASE |             |           |               |                   |                 |

W/ BI POD

FROM:

SHIP TO:

COMMANDER (W52H094138H226)  
DEFENSE DIST DEPOT ANNISTON  
ATTN DDAA-UR BLDG 112  
ANNISTON

AL 36201-5025

COMMANDER (W52H094138H226)  
DEFENSE DIST DEPOT ANNISTON  
ATTN DDAA-UR BLDG 112  
ANNISTONAL  
36201-5025

CUST NO: 098397 C.O.D.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

6-26-96

UPS

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

NEW BARREL  
✓ STOCK  
✓ TRIGGER ASSY  
✓ FIRING PIN ASSY  
✓ FRONT LENS COVER  
✓ REAR LENS COVER

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

M2400062422

| op. #        | OP. NAME                                                    | READINGS |      |       | DATE | INIT |      |    |
|--------------|-------------------------------------------------------------|----------|------|-------|------|------|------|----|
| 625<br>cont. | F) Safety On Force                                          | 8.5      | 8.5  | 8.5   | 6-26 | REP  |      |    |
|              | G) Safety Off Force                                         | 3        | 3    | 3     | 6-26 | REP  |      |    |
|              | H) Trigger Pull Test & Retainability                        |          |      |       |      |      |      |    |
|              | I) Firing Pin Indent                                        | .022     | .023 | .0235 | 6-26 | REP  |      |    |
|              | J) Assemble Stock                                           |          |      |       | 6-26 | REP  |      |    |
|              | 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                                    |          |      |       | 6-26 | REP  |      |    |
|              | 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                                             | 2.75     | 2.77 | 2.41  | 2.62 | 2.42 | 7/14 | SF |
|              | C) Function                                                 |          |      |       |      |      |      |    |
| 660          | Pack                                                        |          |      |       |      |      |      |    |

CONTRACT # DAAA21-87-C-0086

## GUN SERIAL #

| 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          |          | 6-26 | REP     |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 6-26 | REP     |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 6-26 | REP     |
|              | D) Oil Firing Pin Ass'y                                        |          | 6-26 | REP     |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          |      |         |

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6348725

DATE 6-25-96

TESTER DA

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------------------------------------------------------------------------|
| PULL #1 | 2.61             | 2.62                     | 2.65                           | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.27             | 2.78                     | 2.50                           |                                                                        |
| PULL #3 | 2.32             | 2.80                     | 2.76                           |                                                                        |
| PULL #4 | 2.38             | 2.88                     | 2.67                           |                                                                        |
| PULL #5 | 2.41             | 2.90                     | 2.75                           |                                                                        |
| TOTAL   | 11.99            | 13.98                    | 13.33                          |                                                                        |
| AVG.    | 2.39             | 2.79                     | 2.66                           |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES | COMMENTS |
|---------|------------------|--------------------------|----------|
| PULL #1 | 3.08             | 3.11                     |          |
| PULL #2 | 3.18             | 3.05                     |          |
| PULL #3 | 3.33             | 3.11                     |          |
| PULL #4 | 3.11             | 3.13                     |          |
| PULL #5 | 3.23             | 3.02                     |          |
| TOTAL   | 15.93            | 15.42                    |          |
| AVG.    | 3.18             | 3.08                     |          |

|         | 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 | 4.08             | 4.24                     |                                | 4.27                                 |
| PULL #2 | 4.19             | 4.28                     |                                | 4.02                                 |
| PULL #3 | 4.23             | 4.38                     |                                | 4.10                                 |
| PULL #4 | 4.23             | 4.40                     |                                | 4.09                                 |
| PULL #5 | 4.31             | 4.40                     |                                | 4.07                                 |
| TOTAL   | 21.04            | 21.70                    |                                | 20.55                                |
| AVG.    | 4.20             | 4.34                     |                                | 4.11                                 |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06348725  
11 Jan 1900

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .23947  |
| 1 TO | 2 | .540771 |
| 1 TO | 3 | .439587 |
| 1 TO | 4 | .355238 |
| 1 TO | 5 | .279728 |

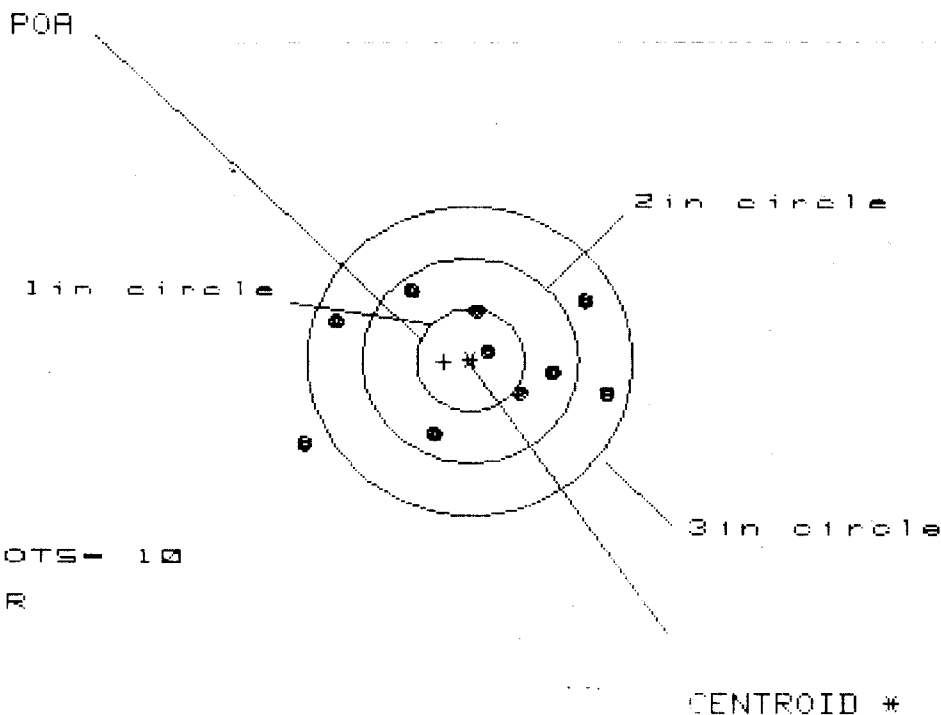
32  
41 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1572  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2368  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .327057  
THE AMR FOR THIS RIFLE IS: .877

11 Jan 1900

FILE:/PATTERNING/CENTERFIRE\_PATT/06348725

# CENTERFIRE PATTERNS # 1



# OF SHOTS- 10  
 # IN CIR  
 1in - 1  
 2in - 6  
 3in - 9  
 HS- 2.799

VS= 1.505  
 GS= 3.022

|                             |   |        |        |       |
|-----------------------------|---|--------|--------|-------|
| PATTERN #                   | : | 1      |        |       |
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.220  | 1.045  | .867  |
| MINIMUM X                   | : | -1.579 | -1.422 | -.939 |
| MAXIMUM Y                   | : | .672   | .579   | .618  |
| MINIMUM Y                   | : | -.833  | -.765  | -.726 |
| CENTROID X                  | : | .239   | .414   | .592  |
| CENTROID Y                  | : | .015   | .107   | .068  |
| POA TO CENTROID in.         | : | .239   | .428   | .596  |
| MIN RADIUS                  | : | .165   | .034   | .204  |
| MEAN RADIUS                 | : | .924   | .786   | .694  |
| MAX RADIUS                  | : | 1.785  | 1.456  | 1.124 |
| HORIZONTAL SPREAD           | : | 2.799  | 2.467  | 1.806 |
| VERTICAL SPREAD             | : | 1.505  | 1.344  | 1.344 |
| EXTREME SPREAD              | : | 3.022  | 2.581  | 2.078 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |       |

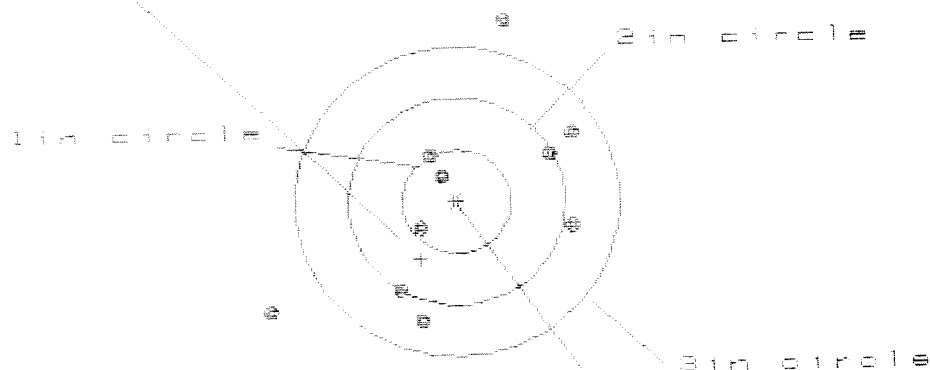
11 Jan 1988

FILE:/PATTERNING/CENTERFIRE\_PATT/09348725

# CENTERFIRE PATTERNS

# 2

POA



# OF SHOTS= 10

# IN CIR

1 in = 3

2 in = 4

3 in = 8

HS= 2.790

VS= 2.899

GS= 3.541

CENTROID +

PATTERN #

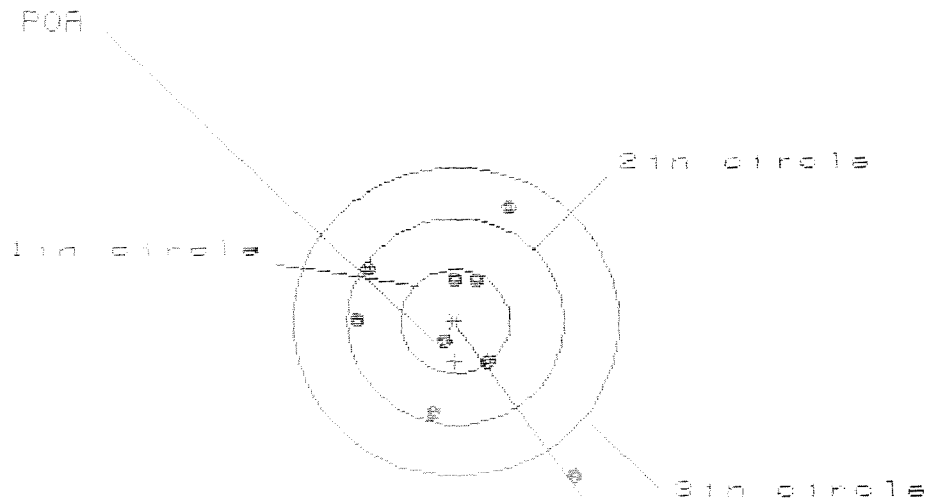
2

|                             |   |        |   |        |
|-----------------------------|---|--------|---|--------|
| SHOTS (BEST OF)             | : | 10     | : | 8      |
| MAXIMUM X                   | : | 1.0    | : | .895   |
| MINIMUM X                   | : | -1.736 | : | -.737  |
| MAXIMUM Y                   | : | 1.714  | : | .772   |
| MINIMUM Y                   | : | -1.185 | : | -1.104 |
| CENTROID X                  | : | .336   | : | .496   |
| CENTROID Y                  | : | .547   | : | .466   |
| POA TO CENTROID in.         | : | .642   | : | .680   |
| MIN RADIUS                  | : | .289   | : | .451   |
| MEAN RADIUS                 | : | 1.056  | : | .857   |
| MAX RADIUS                  | : | 2.036  | : | 1.230  |
| HORIZONTAL SPREAD           | : | 2.790  | : | 1.632  |
| VERTICAL SPREAD             | : | 2.899  | : | 1.876  |
| EXTREME SPREAD              | : | 3.541  | : | 2.340  |
| NUMBER IN ONE INCH CIRCLE   | = | 3      |   |        |
| NUMBER IN TWO INCH CIRCLE   | = | 4      |   |        |
| NUMBER IN THREE INCH CIRCLE | = | 8      |   |        |

11 Jan 1988

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# CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1 in = 4

2 in = 7

3 in = 9

HS= 2.034

VS= 2.660

GS= 2.815

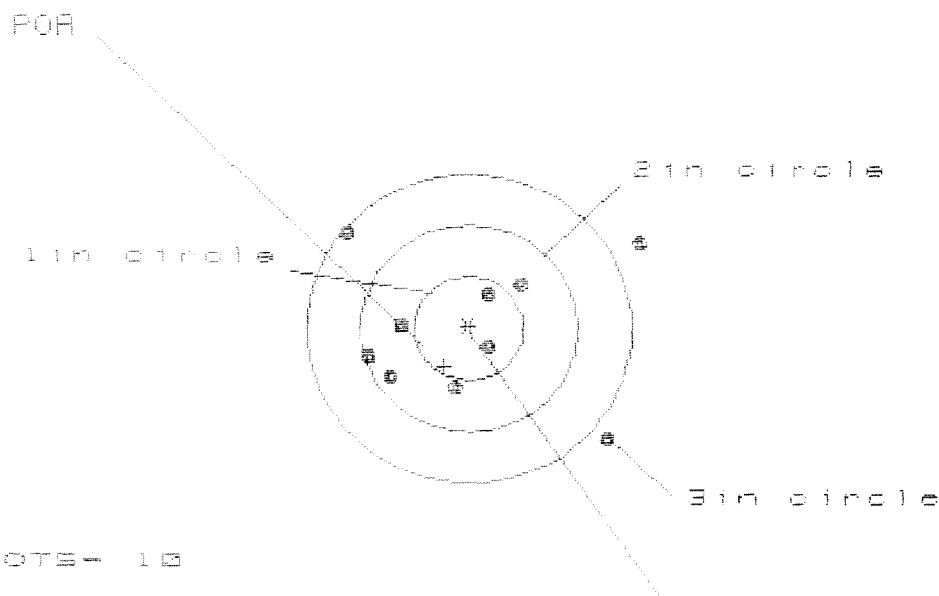
CENTROID #

|                               |   |        |        |       |
|-------------------------------|---|--------|--------|-------|
| PATTERN #                     | : | 3      |        |       |
| SHOTS (BEST OF)               | : | 10     | 9      | 8     |
| MAXIMUM X                     | : | 1.092  | .649   | .532  |
| MINIMUM X                     | : | -.942  | -.821  | -.740 |
| MAXIMUM Y                     | : | 1.157  | .991   | .494  |
| MINIMUM Y                     | : | -1.502 | -1.021 | -.898 |
| CENTROID X                    | : | .008   | -.113  | -.194 |
| CENTROID Y                    | : | .389   | .556   | .433  |
| POA TO CENTROID in.           | : | .390   | .568   | .474  |
| MIN RADIUS                    | : | .219   | .295   | .240  |
| MEAN RADIUS                   | : | .801   | .657   | .599  |
| MAX RADIUS                    | : | 1.857  | 1.184  | .898  |
| HORIZONTAL SPREAD             | : | 2.034  | 1.470  | 1.272 |
| VERTICAL SPREAD               | : | 2.660  | 2.012  | 1.392 |
| EXTREME SPREAD                | : | 2.815  | 2.141  | 1.534 |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 4      |       |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 7      |       |
| NUMBER IN THREE INCH CIRCLE = |   |        | 9      |       |

11 Jan 1988

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# CENTERFIRE PATTERNS # 4



# OF SHOTS - 10

# IN CIR

1 in = 2

2 in = 7

3 in = 8

HS = 2.654

VS = 1.944

GS = 3.026

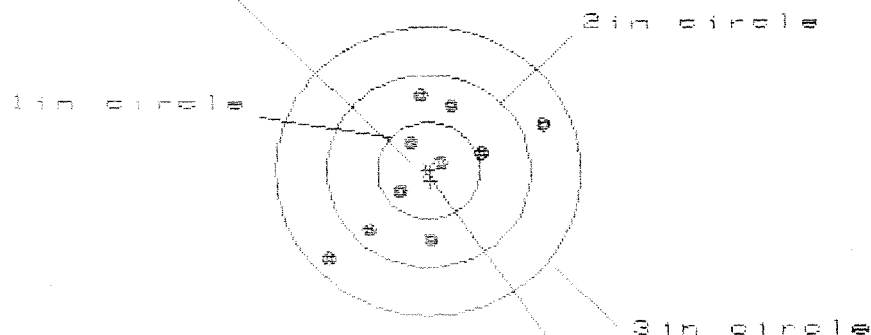
| PATTERN #                     | 1      | 2     | 3     |
|-------------------------------|--------|-------|-------|
| SHOTS (BEST OF)               | 10     | 9     | 8     |
| MAXIMUM X                     | 1.562  | 1.400 | .843  |
| MINIMUM X                     | -1.092 | -.919 | -.744 |
| MAXIMUM Y                     | .917   | 1.009 | .892  |
| MINIMUM Y                     | -1.027 | -.935 | -.624 |
| CENTROID X                    | .226   | .053  | -.122 |
| CENTROID Y                    | .370   | .278  | .395  |
| POA TO CENTROID in.           | .433   | .283  | .413  |
| MIN RADIUS                    | .183   | .303  | .285  |
| MEAN RADIUS                   | .906   | .794  | .673  |
| MAX RADIUS                    | 1.767  | 1.684 | 1.162 |
| HORIZONTAL SPREAD             | 2.654  | 2.319 | 1.587 |
| VERTICAL SPREAD               | 1.944  | 1.944 | 1.516 |
| EXTREME SPREAD                | 3.026  | 3.026 | 1.797 |
| NUMBER IN ONE INCH CIRCLE =   | 2      |       |       |
| NUMBER IN TWO INCH CIRCLE =   | 7      |       |       |
| NUMBER IN THREE INCH CIRCLE = | 8      |       |       |

11 Jan 1908

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# CENTERFIRE PATTERNS # 5

POA



# OF SHOTS - 10

# IN CIE

1 in = 3

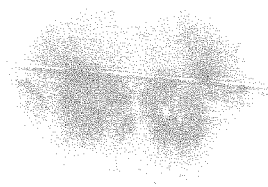
2 in = 8

3 in = 10

10 = 0.1000

V0 = 1.0000

G0 = 0.0000



CENTROID #

|                               |   |        |       |       |
|-------------------------------|---|--------|-------|-------|
| PATTERN #                     | : | 5      |       |       |
| SHOTS (BEST OF)               | : | 10     | 9     | 8     |
| MAXIMUM X                     | : | 1.157  | 1.045 | .539  |
| MINIMUM X                     | : | -1.005 | -.707 | -.577 |
| MAXIMUM Y                     | : | .794   | .694  | .738  |
| MINIMUM Y                     | : | -.904  | -.804 | -.750 |
| CENTROID X                    | : | -.023  | .089  | -.042 |
| CENTROID Y                    | : | .113   | .213  | .169  |
| POA TO CENTROID in.           | : | .115   | .231  | .174  |
| MIN RADIUS                    | : | .090   | .062  | .094  |
| MEAN RADIUS                   | : | .698   | .612  | .542  |
| MAX RADIUS                    | : | 1.352  | 1.104 | .868  |
| HORIZONTAL SPREAD             | : | 2.162  | 1.752 | 1.116 |
| VERTICAL SPREAD               | : | 1.698  | 1.498 | 1.498 |
| EXTREME SPREAD                | : | 2.555  | 2.043 | 1.531 |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 3     |       |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 8     |       |
| NUMBER IN THREE INCH CIRCLE = |   |        | 10    |       |

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348725

| OP. #     | OP. NAME                                                 | READINGS | DATE     | INIT |
|-----------|----------------------------------------------------------|----------|----------|------|
| 575 & 580 | Assemble Action and Stock                                | 9 26     | 89       | RW   |
| 600       | Proof                                                    | 9 26     | 89       | RW   |
| 607       | Check Headspace                                          | 9 26     | 89       | RW   |
| 610       | Dis-assemble Gun                                         | 9 26     | 89       | RW   |
| 612       | Magnaflux Barrel Action                                  | 9/29/89  |          | KCR  |
|           | Magnaflux Bolt                                           | 9/19/89  |          | KCR  |
| 615       | Rollmark Caliber                                         | 9/29/89  |          | G.S. |
| 7         | Drill and Tap Sight Holes                                | 9 29     | 89       | LB   |
| 618       | Polish Barrel RB                                         | 9 29     | 89       | BT   |
| 620       | Apply Coatings (Barrel Action)                           |          | 10-11-89 | JA   |
|           | Apply Coating (Bolt)                                     |          |          |      |
| 625       | Final Assembly                                           |          |          |      |
|           | A) Clean inside of Bolt Assembly                         |          | 10/10/89 | RW   |
|           | B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head |          | 10/12/89 | RW   |
|           | C) Inspect Ejector Hole for Chamfer                      |          | 10/12/89 | RW   |
|           | D) Oil Firing Pin Ass'y                                  |          | 10/12/89 | RW   |
|           | E) Adjust Trigger Pull to Min Setting and Stake          |          | 10/12/89 | 928  |

| op. #        | OP. NAME                                                    | READINGS |      |       | DATE      | INIT |
|--------------|-------------------------------------------------------------|----------|------|-------|-----------|------|
| 625<br>cont. | F) Safety On Force                                          | 6        | 5    | 5     | 19 Oct 89 | JS   |
|              | G) Safety Off Force                                         | 3        | 3    | 3     | 19 Oct 89 | JS   |
|              | H) Trigger Pull Test & Retainability                        |          |      |       | 19 Oct 89 | JS   |
|              | I) Firing Pin Indent                                        | .0205    | .021 | .0205 | 19 Oct 89 | JS   |
|              | J) Assemble Stock                                           |          |      |       | 10/23/89  | RW   |
|              | K) Assemble Swivel Studs                                    |          |      |       | 24 Oct 89 | JS   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |       | 12/11/89  | RW   |
|              | M) Iron Sight Alignment                                     |          |      |       | 12/11/89  | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |       | 12/11/89  | RW   |
|              | O) Attach Scope to Rifle                                    |          |      |       | 10/23/89  | JS   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |       | 10/23/89  | JS   |
| 640          | Gallery Target & Test                                       |          |      |       | 10-23-89  | DH   |
|              | A) Time                                                     |          |      |       | 10-23-89  | DH   |
|              | B) Malfunctions                                             |          |      |       | 10-23-89  | DH   |
|              | C) Pierced Primers                                          |          |      |       | 10-23-89  | DH   |
|              | D) Optical Clarity of Scope                                 |          |      |       | 10-23-89  | DH   |
| 645          | Inspect for Live Ammo                                       |          |      |       | 10-23-89  | DH   |
| 655          | Final Inspection                                            |          |      |       |           |      |
|              | A) Headspace                                                |          |      |       | 24 Oct 89 | JS   |
|              | B) Trigger Pull                                             | 245      | 252  | 261   | 24 Oct 89 | JS   |
|              | C) Function                                                 |          |      |       | 24 Oct 89 | JS   |
| 660          | Pack                                                        |          |      |       | 15 Dec 89 | JS   |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348725DATE 3-13-90TESTER JEL

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------------------------------------------------------------------------|
| PULL #1 | 2.41             | 2.54                     | 2.39                           | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.32             | 2.35                     | 2.16                           |                                                                        |
| PULL #3 | 2.34             | 2.45                     | 2.17                           |                                                                        |
| PULL #4 | 2.52             | 2.48                     | 2.25                           |                                                                        |
| PULL #5 | 2.47             | 2.51                     | 2.27                           |                                                                        |
| TOTAL   | 12.06            | 12.33                    | 11.22                          |                                                                        |
| AVG.    | 2.412            | 2.466                    | 2.244                          |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES | COMMENTS |
|---------|------------------|--------------------------|----------|
| PULL #1 | 3.21             | 3.24                     |          |
| PULL #2 | 3.13             | 3.39                     |          |
| PULL #3 | 3.15             | 3.41                     |          |
| PULL #4 | 3.13             | 3.39                     |          |
| PULL #5 | 3.05             | 3.41                     |          |
| TOTAL   | 15.67            | 16.84                    |          |
| AVG.    | 3.134            | 3.368                    |          |

|         | 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 | 4.40             | 4.32                     |                                |                                      |
| PULL #2 | 4.28             | 4.39                     |                                |                                      |
| PULL #3 | 4.26             | 4.31                     |                                |                                      |
| PULL #4 | 4.35             | 4.33                     |                                |                                      |
| PULL #5 | 4.36             | 4.27                     |                                |                                      |
| TOTAL   | 21.65            | 21.57                    |                                |                                      |
| AVG.    | 4.33             | 4.314                    |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06348725  
24 Oct 1989

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .361581 |
| 1 TO | 2 | .442666 |
| 1 TO | 3 | .477194 |
| 1 TO | 4 | 1.0102  |
| 1 TO | 5 | .777281 |

$\frac{5}{4} \frac{2}{1}$  (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1642  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0148  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .164866  
THE AMR FOR THIS RIFLE IS: .941

24 Oct 1989

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# CENTERFIRE PATTERNS

# 1

POA

1in circle

2in circle

3in circle

CENTROID +

# OF SHOTS- 10

# IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.835

VS= 1.603

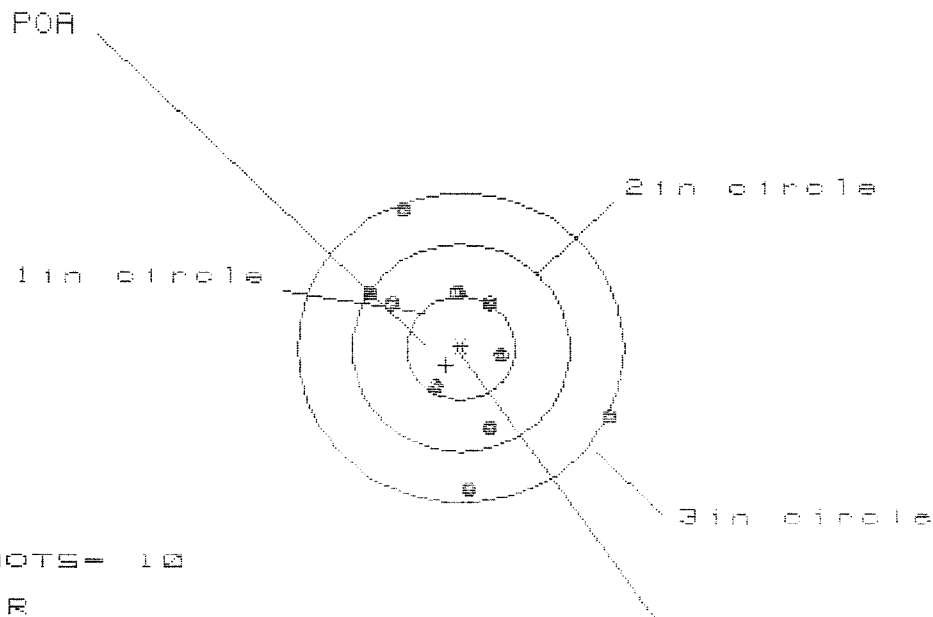
GS= 2.835

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 1      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.315  | 1.147  | 1.286  |
| MINIMUM X                   | : | -1.520 | -1.193 | -1.054 |
| MAXIMUM Y                   | : | 1.014  | 1.033  | 1.089  |
| MINIMUM Y                   | : | -.589  | -.570  | -.514  |
| CENTROID X                  | : | .246   | .414   | .275   |
| CENTROID Y                  | : | -.265  | -.284  | -.340  |
| POA TO CENTROID in.         | : | .362   | .502   | .437   |
| MIN RADIUS                  | : | .439   | .531   | .464   |
| MEAN RADIUS                 | : | .952   | .884   | .820   |
| MAX RADIUS                  | : | 1.528  | 1.258  | 1.301  |
| HORIZONTAL SPREAD           | : | 2.835  | 2.340  | 2.340  |
| VERTICAL SPREAD             | : | 1.603  | 1.603  | 1.603  |
| EXTREME SPREAD              | : | 2.835  | 2.460  | 2.401  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

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# CENTERFIRE PATTERNS # 2



# OF SHOTS= 10

# IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.266

VS= 2.696

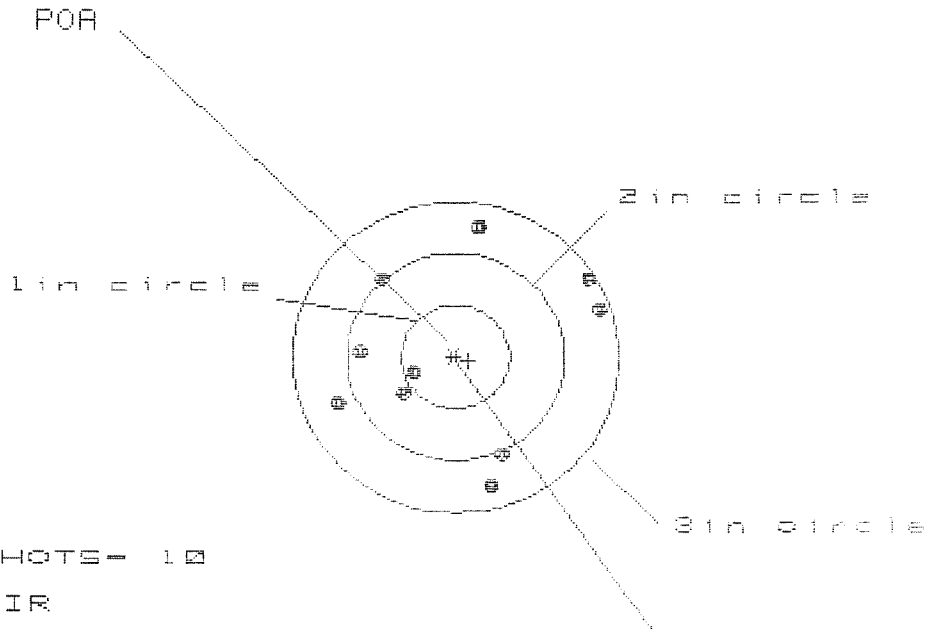
GS= 2.773

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 2      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.404  | .488   | .440   |
| MINIMUM X                   | : | -.862  | -.706  | -.754  |
| MAXIMUM Y                   | : | 1.359  | 1.290  | .595   |
| MINIMUM Y                   | : | -1.337 | -1.406 | -1.244 |
| CENTROID X                  | : | .133   | -.023  | .025   |
| CENTROID Y                  | : | .163   | .232   | .070   |
| POA TO CENTROID in.         | : | .210   | .233   | .074   |
| MIN RADIUS                  | : | .349   | .448   | .342   |
| MEAN RADIUS                 | : | .873   | .790   | .716   |
| MAX RADIUS                  | : | 1.535  | 1.418  | 1.252  |
| HORIZONTAL SPREAD           | : | 2.266  | 1.194  | 1.194  |
| VERTICAL SPREAD             | : | 2.696  | 2.696  | 1.839  |
| EXTREME SPREAD              | : | 2.773  | 2.756  | 2.038  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

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# CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1 in = 1

2 in = 3

3 in = 10

HS= 2.401

VS= 2.474

GS= 2.641

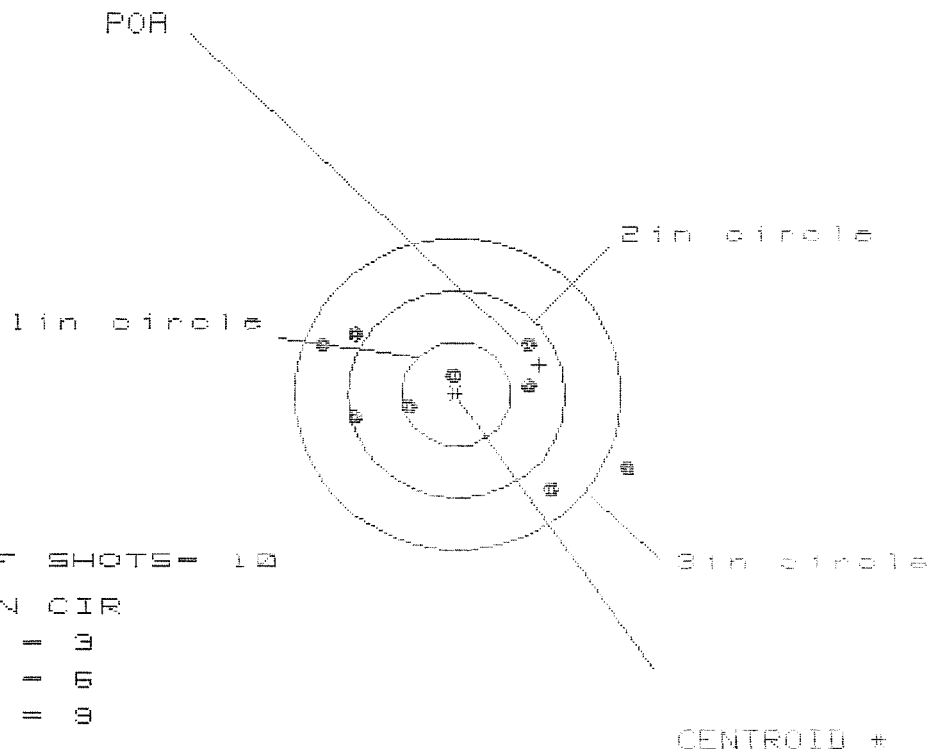
CENTROID #

| PATTERN #                   | : | 3      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.283  | 1.420  | .774   |
| MINIMUM X                   | : | -1.118 | -.981  | -.884  |
| MAXIMUM Y                   | : | 1.237  | 1.319  | 1.381  |
| MINIMUM Y                   | : | -1.237 | -1.155 | -1.093 |
| CENTROID X                  | : | -.121  | -.258  | -.435  |
| CENTROID Y                  | : | .040   | -.042  | -.104  |
| POA TO CENTROID in.         | : | .128   | .261   | .448   |
| MIN RADIUS                  | : | .382   | .228   | .049   |
| MEAN RADIUS                 | : | 1.052  | .966   | .833   |
| MAX RADIUS                  | : | 1.434  | 1.503  | 1.499  |
| HORIZONTAL SPREAD           | : | 2.401  | 2.401  | 1.578  |
| VERTICAL SPREAD             | : | 2.474  | 2.474  | 2.474  |
| EXTREME SPREAD              | : | 2.641  | 2.559  | 2.475  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 3      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |        |

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# CENTERFIRE PATTERNS # 4



# OF SHOTS = 10

# IN CIR

1 in = 3

2 in = 5

3 in = 9

HS = 2.825

VS = 1.496

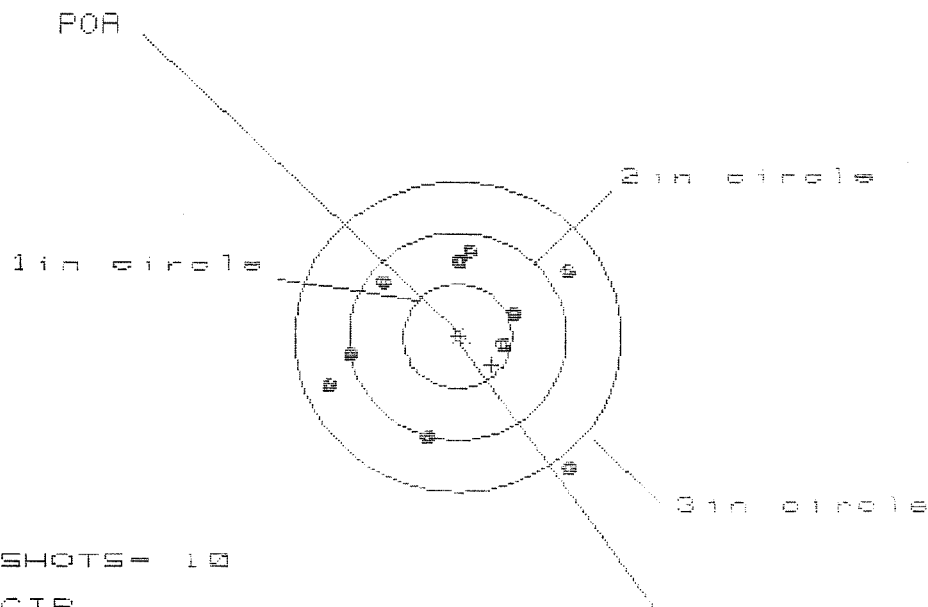
GS = 3.058

|                             |   |        |        |       |
|-----------------------------|---|--------|--------|-------|
| PATTERN #                   | : | 4      |        |       |
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.542  | 1.068  | .929  |
| MINIMUM X                   | : | -1.284 | -1.112 | -.932 |
| MAXIMUM Y                   | : | .565   | .486   | .532  |
| MINIMUM Y                   | : | -.931  | -1.010 | -.964 |
| CENTROID X                  | : | -.764  | -.935  | -.796 |
| CENTROID Y                  | : | -.285  | -.206  | -.253 |
| FOR TO CENTROID in.         | : | .815   | .957   | .835  |
| MIN RADIUS                  | : | .191   | .130   | .149  |
| MEAN RADIUS                 | : | .876   | .748   | .701  |
| MAX RADIUS                  | : | 1.700  | 1.470  | 1.338 |
| HORIZONTAL SPREAD           | : | 2.825  | 2.180  | 1.861 |
| VERTICAL SPREAD             | : | 1.496  | 1.496  | 1.496 |
| EXTREME SPREAD              | : | 3.058  | 2.583  | 2.331 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |       |

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# CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1 in = 1

2 in = 7

3 in = 9

HS= 2.259

VS= 2.167

GS= 2.527

CENTROID #

|                               |   |        |        |        |
|-------------------------------|---|--------|--------|--------|
| PATTERN #                     | : | 5      |        |        |
| SHOTS (BEST OF)               | : | 10     | 9      | 8      |
| MAXIMUM X                     | : | 1.027  | 1.135  | .995   |
| MINIMUM X                     | : | -1.232 | -1.124 | -.999  |
| MAXIMUM Y                     | : | .869   | .725   | .646   |
| MINIMUM Y                     | : | -1.298 | -1.094 | -1.173 |
| CENTROID X                    | : | -.315  | -.423  | -.283  |
| CENTROID Y                    | : | .273   | .417   | .496   |
| POA TO CENTROID in.           | : | .417   | .594   | .571   |
| MIN RADIUS                    | : | .463   | .557   | .442   |
| MEAN RADIUS                   | : | .952   | .859   | .773   |
| MAX RADIUS                    | : | 1.621  | 1.290  | 1.214  |
| HORIZONTAL SPREAD             | : | 2.259  | 2.259  | 1.994  |
| VERTICAL SPREAD               | : | 2.167  | 1.819  | 1.819  |
| EXTREME SPREAD                | : | 2.527  | 2.527  | 2.148  |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 7      |        |
| NUMBER IN THREE INCH CIRCLE = |   |        | 9      |        |

**Remington.**



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Instruction Book  
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safe use of this  
firearm.

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