

C6611738

MODEL 780™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5715**

\*Includes 1 in chamber.

*Remington*

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

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

**MODEL 700<sup>TM</sup> M24**

**SERIAL NO. C6611738**

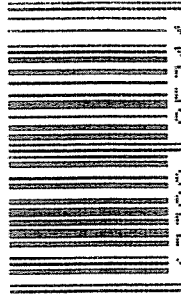
**ORDER NO. 5716**

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



5716 C6611738

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6611738

| OP. #        | OP. NAME                                                       | READINGS         | DATE    | INIT |
|--------------|----------------------------------------------------------------|------------------|---------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | QUALITY<br>AUDIT | 1/10/91 | KS   |
| 600          | Proof                                                          |                  | 1/10/91 | KS   |
| 607          | Check Headspace                                                |                  | 1/10/91 | KS   |
| 610          | Dis-assemble Gun                                               |                  | 1/10/91 | KS   |
| 612          | Magnaflux Barrel<br>Action                                     |                  | 1/17/91 | KR   |
|              | Magnaflux Bolt                                                 |                  | "       | KR   |
| 615          | Rollmark Caliber                                               |                  | "       | BB   |
| 617          | Drill and Tap Sight Holes                                      | 1 18 91          |         | WB   |
| 618          | Polish Barrel                                                  | 1 18 91          |         | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |                  | 2/12/91 | DA   |
|              | Apply Coating (Bolt)                                           |                  |         |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |                  | 2/22/91 | KS   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |                  | 2/22/91 | KS   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |                  | 2/22/91 | KS   |
|              | D) Oil Firing Pin Ass'y                                        |                  | 2/22/91 | KS   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |                  | 2-27-91 | D/H  |

| op. #        | OP. NAME                                                    | READINGS        |                 |      |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------|-----------------|-----------------|------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                          | 4 $\frac{1}{4}$ | 4               | 4    |      |      | 2-27-91 | DH   |
|              | G) Safety Off Force                                         | 3               | 2 $\frac{1}{2}$ | 2    |      |      | 2-27-91 | DH   |
|              | H) Trigger Pull Test & Retainability                        |                 |                 |      |      |      | 2-27-91 | DH   |
|              | I) Firing Pin Indent                                        | .020            | .021            | .020 |      |      | 2-27-91 | DH   |
|              | J) Assemble Stock                                           |                 |                 |      |      |      | 3/4/91  | KJ   |
|              | K) Assemble Swivel Studs                                    |                 |                 |      |      |      | 3-11-91 | DH   |
|              | L) Attach Front and Rear Sight Assemblies                   |                 |                 |      |      |      | 3/4/91  | KJ   |
|              | M) Iron Sight Alignment                                     |                 |                 |      |      |      | 3/4/91  | KJ   |
|              | N) Detach Front & Rear Sights & place in numbered container |                 |                 |      |      |      | 3/4/91  | KJ   |
|              | O) Attach Scope to Rifle                                    |                 |                 |      |      |      | 3/4/91  | KJ   |
|              | P) Detach & Attach Scope 20 Times                           |                 |                 |      |      |      | 3/4/91  | KJ   |
| 640          | Gallery Target & Test                                       |                 |                 |      |      |      | 3-5-91  | AC   |
|              | A) Time                                                     |                 |                 |      |      |      | 3-5-91  | AC   |
|              | B) Malfunctions                                             |                 |                 |      |      |      | 3-5-91  | AC   |
|              | C) Pierced Primers                                          |                 |                 |      |      |      | 3-5-91  | AC   |
|              | D) Optical Clarity of Scope                                 |                 |                 |      |      |      | 3-5-91  | AC   |
| 645          | Inspect for Live Ammo                                       |                 |                 |      |      |      | 3-5-91  | AC   |
| 655          | Final Inspection                                            |                 |                 |      |      |      |         |      |
|              | A) Headspace                                                |                 |                 |      |      |      | 3-11-91 | DH   |
|              | B) Trigger Pull                                             | 2.28            | 2.28            | 2.21 | 2.31 | 2.33 | 3/9/91  | DH   |
|              | C) Function                                                 |                 |                 |      |      |      | 3-11-91 | DH   |
| 660          | Pack                                                        |                 |                 |      |      |      | 3-11-91 | N    |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 66611738

DATE 2-26-91

TESTER DH

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.64             | 2.56                     | 2.55                           | 2.28 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.65             | 2.52                     | 2.55                           | 2.28 |                                                                        |
| PULL #3 | 2.65             | 2.52                     | 2.58                           | 2.21 |                                                                        |
| PULL #4 | 2.64             | 2.55                     | 2.57                           | 2.31 |                                                                        |
| PULL #5 | 2.64             | 2.53                     | 2.58                           | 2.33 |                                                                        |
| TOTAL   |                  |                          |                                |      |                                                                        |
| AVG.    |                  |                          |                                |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.39             | 3.19                     |  |          |
| PULL #2 | 3.31             | 3.14                     |  |          |
| PULL #3 | 3.31             | 3.20                     |  |          |
| PULL #4 | 3.23             | 3.16                     |  |          |
| PULL #5 | 3.27             | 3.17                     |  |          |
| 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 | 4.37             | 4.25                     |                                | 4.27                                 |
| PULL #2 | 4.33             | 4.28                     |                                | 4.32                                 |
| PULL #3 | 4.11             | 4.05                     |                                | 4.30                                 |
| PULL #4 | 4.28             | 4.22                     |                                | 4.26                                 |
| PULL #5 | 4.30             | 4.34                     |                                | 4.25                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
 FOR RIFLE # C6611738  
 5 Mar 1991

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .327941 |
| 1 TO | 2 | .155129 |
| 1 TO | 3 | .269462 |
| 1 TO | 4 | .322453 |
| 1 TO | 5 | .431834 |

#3 ←---POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2262  
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0392  
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .229572  
 THE AMR FOR THIS RIFLE IS: .8818

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6611738

## CENTERFIRE PATTERNS # 1

POR

1in circle

2in circle

3in circle

# OF SHOTS- 10

# IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.337

VS= 1.625

GS= 2.807

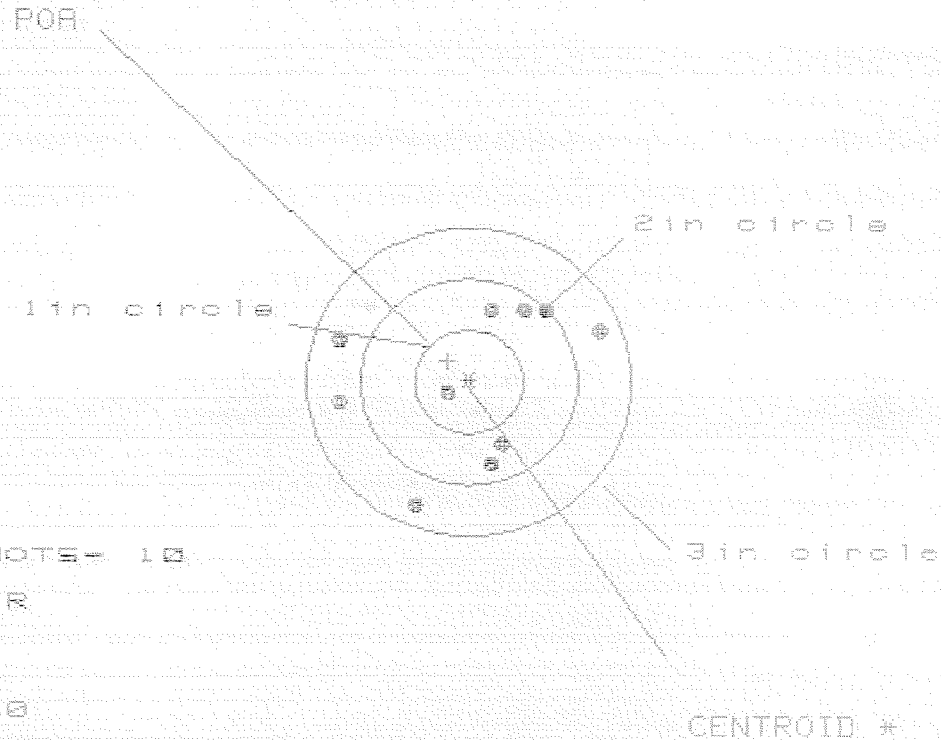
CENTROID #

| PATTERN #                     | : | 1      | 2     | 3     |
|-------------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)               | : | 10     | 9     | 8     |
| MAXIMUM X                     | : | 1.242  | 1.056 | .937  |
| MINIMUM X                     | : | -1.095 | -.957 | -.602 |
| MAXIMUM Y                     | : | .769   | .674  | .750  |
| MINIMUM Y                     | : | -.856  | -.928 | -.852 |
| CENTROID X                    | : | .312   | .174  | .293  |
| CENTROID Y                    | : | -.101  | -.006 | -.082 |
| POR TO CENTROID in.           | : | .328   | .174  | .304  |
| MIN RADIUS                    | : | .312   | .204  | .287  |
| MEAN RADIUS                   | : | .862   | .750  | .721  |
| MAX RADIUS                    | : | 1.509  | 1.406 | 1.267 |
| HORIZONTAL SPREAD             | : | 2.337  | 2.013 | 1.539 |
| VERTICAL SPREAD               | : | 1.625  | 1.602 | 1.602 |
| EXTREME SPREAD                | : | 2.807  | 2.530 | 2.042 |
| NUMBER IN ONE INCH CIRCLE =   | : | 2      |       |       |
| NUMBER IN TWO INCH CIRCLE =   | : | 7      |       |       |
| NUMBER IN THREE INCH CIRCLE = | : | 9      |       |       |

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6B11730

## CENTERFIRE PATTERNS # 2



# OF SHOTS= 10

# IN CIR

1in = 1

2in = 6

3in = 10

HS= 2.434

VS= 1.934

GS= 2.502

PATTERN #

2

| SHOTS (BEST OF)               | 10     | 9      | 8      |
|-------------------------------|--------|--------|--------|
| MAXIMUM X                     | 1.216  | 1.160  | .832   |
| MINIMUM X                     | -1.218 | -1.274 | -1.129 |
| MAXIMUM Y                     | .725   | .591   | .631   |
| MINIMUM Y                     | -1.209 | -.969  | -.929  |
| CENTROID X                    | .196   | .252   | .107   |
| CENTROID Y                    | -.284  | -.070  | -.110  |
| POA TO CENTROID in.           | .283   | .262   | .154   |
| MIN RADIUS                    | .239   | .358   | .228   |
| MEAN RADIUS                   | .938   | .891   | .846   |
| MAX RADIUS                    | 1.309  | 1.297  | 1.160  |
| HORIZONTAL SPREAD             | 2.434  | 2.434  | 1.961  |
| VERTICAL SPREAD               | 1.934  | 1.560  | 1.560  |
| EXTREME SPREAD                | 2.502  | 2.502  | 2.119  |
| NUMBER IN ONE INCH CIRCLE =   |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 10     |        |



5 Mar 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6611738

## CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

# OF SHOTS= 10

# IN CIR

1in = 2

2in = 5

3in = 8

HS= 3.459

VS= 2.938

GS= 3.507

CENTROID \*

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

2.154

1.028

1.133

MINIMUM X

-1.305

-1.066

-.956

MAXIMUM Y

1.769

1.763

.742

MINIMUM Y

-1.169

-1.175

-.954

CENTROID X

.469

.230

.120

CENTROID Y

.118

.124

-.097

POA TO CENTROID in.

.484

.251

.154

MIN RADIUS

.194

.363

.327

MEAN RADIUS

1.060

.932

.775

MAX RADIUS

2.155

1.921

1.210

HORIZONTAL SPREAD

3.459

2.094

2.094

VERTICAL SPREAD

2.938

2.938

1.696

EXTREME SPREAD

3.507

3.302

2.168

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

8

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6611738

## CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

# OF SHOTS= 10

# IN CIR

1in = 3

2in = 8

3in = 10

HS= 2.350

VS= 1.267

GS= 2.452

CENTROID \*

PATTERN #

#

143

SHOTS (BEST OF)

#

10

9

8

MAXIMUM X

#

1.223

.708

.584

MINIMUM X

#

-1.127

-.991

-.809

MAXIMUM Y

#

.694

.741

.714

MINIMUM Y

#

-.573

-.526

-.553

CENTROID X

#

.082

-.054

.070

CENTROID Y

#

.125

.078

.105

POA TO CENTROID in.

#

.150

.094

.127

MIN RADIUS

#

.260

.269

.238

MEAN RADIUS

#

.710

.627

.578

MAX RADIUS

#

1.296

1.016

.871

HORIZONTAL SPREAD

#

2.350

1.699

1.393

VERTICAL SPREAD

#

1.267

1.267

1.267

EXTREME SPREAD

#

2.452

1.880

1.487

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

8

NUMBER IN THREE INCH CIRCLE =

10

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6811738

## CENTERFIRE PATTERNS

# 5

POA

1 in circle

2 in circle

3 in circle

# OF SHOTS- 10

# IN CIR

1 in - 2

2 in - 6

3 in - 10

CENTROID #

HS= 1.802

VS= 2.367

GS= 2.757

PATTERN #

A-B

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.704

.761

.666

MINIMUM X

-1.098

-1.019

-1.114

MAXIMUM Y

1.093

.951

1.060

MINIMUM Y

-1.274

-.851

-.742

CENTROID X

.072

-.007

.033

CENTROID Y

.258

.400

.291

POA TO CENTROID in.

.268

.400

.304

MIN RADIUS

.074

.185

.052

MEAN RADIUS

.839

.789

.702

MAX RADIUS

1.456

1.154

1.259

HORIZONTAL SPREAD

1.802

1.700

1.790

VERTICAL SPREAD

2.367

1.802

1.802

EXTREME SPREAD

2.757

2.067

1.970

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

10

# RECEIVING AND ESTIMATING REPORT

COMMENTS

5067

ORDER

R 94-18371

INITIAL CUSTOMER ORDER NO.

FDC DAAA09-92-C-0834

W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT

ATTN: FRED MARTIN

SCOPE 89-0019

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

06/11/94

06/11/94

C6611738

700 7.62

NATO

ACCESSORIES

SLING STRAP

HARD CASE

SCOPE MNTS

SCOPE BASE

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  
ANNISTON AL 36201-5025

CUST NO: 098397 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

FRT

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

Trigger Assy 173.31  
✓ Front Sight Assy 56.75  
✓ Rear Sight Assy 231.01  
Inspect/learn/Test 50.00  
\$511.07

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 00350935118

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

SERIAL NO. C6611738  
DATE 2-26-96  
TESTER DA

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------------------------------------------------------------------------|
| PULL #1 | 2.66             | 2.83                     | 2.64                           | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.75             | 2.76                     | 2.40                           |                                                                        |
| PULL #3 | 2.77             | 2.90                     | 2.58                           |                                                                        |
| PULL #4 | 2.61             | 2.76                     | 2.65                           |                                                                        |
| PULL #5 | 2.66             | 2.70                     | 2.62                           |                                                                        |
| TOTAL   | 13.45            | 13.95                    | 12.89                          |                                                                        |
| AVG.    | 2.69             | 2.79                     | 2.57                           |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.11             | 3.00                     |  |          |
| PULL #2 | 3.09             | 3.00                     |  |          |
| PULL #3 | 3.06             | 3.19                     |  |          |
| PULL #4 | 3.12             | 3.19                     |  |          |
| PULL #5 | 3.04             | 3.18                     |  |          |
| TOTAL   | 15.42            | 15.56                    |  |          |
| AVG.    | 3.08             | 3.11                     |  |          |

|         | 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 | 4.38             | 4.00                     |                                | 4.00                                 |
| PULL #2 | 4.24             | 3.92                     |                                | 4.33                                 |
| PULL #3 | 4.05             | 3.86                     |                                | 4.39                                 |
| PULL #4 | 4.03             | 3.91                     |                                | 4.20                                 |
| PULL #5 | 4.16             | 3.95                     |                                | 4.28                                 |
| TOTAL   | 20.83            | 19.64                    |                                | 21.20                                |
| AVG.    | 4.16             | 3.92                     |                                | 4.24                                 |

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611738

| 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             |          |      |         |

| op. #        | BARBER - M24 0035082<br>OP. NAME                                  | READINGS |      |      |      |      | DATE   | INIT |
|--------------|-------------------------------------------------------------------|----------|------|------|------|------|--------|------|
| 625<br>cont. | F) Safety On Force                                                | 5        | 5    | 5    |      |      | 3/8/96 | AC   |
|              | G) Safety Off Force                                               | 3        | 3    | 3    |      |      | 3/8/96 | AC   |
|              | H) Trigger Pull Test &<br>Retainability                           |          |      |      |      |      |        |      |
|              | I) Firing Pin Indent                                              |          |      |      |      |      |        |      |
|              | J) Assemble Stock                                                 |          |      |      |      |      |        |      |
|              | K) Assemble Swivel Studs                                          |          |      |      |      |      |        |      |
|              | L) Attach Front and Rear<br>Sight Assemblies                      |          |      |      |      |      |        |      |
|              | M) Iron Sight Alignment                                           |          |      |      |      |      |        |      |
|              | N) Detach Front & Rear<br>Sights & place in<br>numbered container |          |      |      |      |      |        |      |
|              | O) Attach Scope to Rifle                                          |          |      |      |      |      |        |      |
|              | P) Detach & Attach Scope<br>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<br>A) Headspace                                  |          |      |      |      |      |        |      |
|              | B) Trigger Pull                                                   | 2.65     | 2.57 | 2.65 | 2.68 | 2.77 | 3/8/96 | WB   |
|              | C) Function                                                       |          |      |      |      |      |        |      |
| 660          | Pack                                                              |          |      |      |      |      |        |      |