

C6611401

MODEL 700™ M24

Model **SMS**™

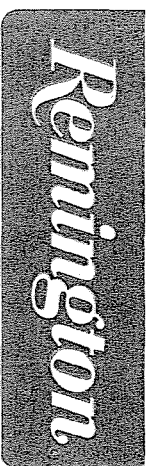
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington
MODEL 700™ M24

DUPONT
REG. U.S. PAT. & TM. OFF.

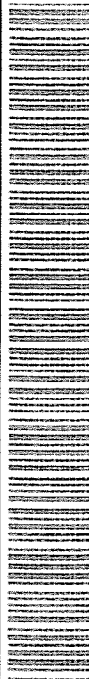
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

SERIAL NO.
C6611401

ORDER NO.
5716

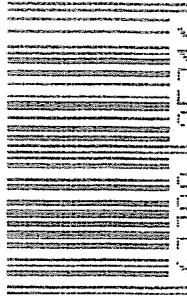
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

20



5716 C6611401

UPC



0 47700 25716 7

CFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611401

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 25 91	2/1/91	RW
600	Proof	1 25 91	2/1/91	RW
607	Check Headspace	1 25 91	2/1/91	RW
610	Dis-assemble Gun	1 25 91	2/1/91	RW
612	Magnaflux Barrel Action	1 25 91	2/1/91	KR
	Magnaflux Bolt	1 25 91	2/1/91	K.R
615	Rollmark Caliber	1 25 91	2/1/91	GL
617	Drill and Tap Sight Holes	1 30 91	2/1/91	LB
618	Polish Barrel <i>RUBB</i>	1 30 91	2/1/91	LB
620	Apply Coatings (Barrel Action)		2-10-91	DL
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/11/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/11/91	RW
	C) Inspect Ejector Hole for Chamfer		2/11/91	RW
	D) Oil Firing Pin Ass'y		2/11/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/18/91	GL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			2/18/91	WB
	G) Safety Off Force	3	3	3			2/18/91	WB
	H) Trigger Pull Test & Retainability						2/18/91	SR
	I) Firing Pin Indent	.0215	.0208	.021			2/18/91	WB
	J) Assemble Stock						2/19/91	RW
	K) Assemble Swivel Studs						2-22-91	AC
	L) Attach Front and Rear Sight Assemblies						2/19/91	RW
	M) Iron Sight Alignment						2/19/91	RW
	N) Detach Front & Rear Sights & place in numbered container						2/19/91	RW
	O) Attach Scope to Rifle						2/19/91	RW
	P) Detach & Attach Scope 20 Times						2/19/91	RW
640	Gallery Target & Test						2-21-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						2-21-91	NF
655	Final Inspection							
	A) Headspace						2-22-91	A
	B) Trigger Pull	2.52	2.54	2.31	2.40	2.42	2/22/91	JA
	C) Function						2-22-91	AC
660	Pack						3/15/91	WB

10

MOD. _____ GA. CAL. _____ GUN # 1401

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
N	1st	Safe Binder + Bolt Drags	RW
	2/21		
	2nd	FILED STOCK WIRE BRUSHED BOLT	K.S. 2/21/91
	3rd		
	4th		

FUNCTION _____ RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

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

SERIAL NO. 26611401DATE 2/18/91TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.35	2.23	2.52	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.37	2.32	2.54	
PULL #3	2.43	2.42	2.32	2.31	
PULL #4	2.40	2.38	2.34	2.40	
PULL #5	2.37	2.28	2.26	2.42	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.53	3.19		
PULL #2	3.53	3.28		
PULL #3	3.35	3.30		
PULL #4	3.27	3.32		
PULL #5	3.29	3.33		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.51	4.42		4.43
PULL #2	4.28	4.26		4.44
PULL #3	4.29	4.27		4.38
PULL #4	4.21	4.23		4.53
PULL #5	4.32	4.21		4.52
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611401
23 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.234798
1 TO	2	.2622
1 TO	3	.370741
1 TO	4	.193437
1 TO	5	.267419

9 <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0356
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0034
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .035762
THE AMR FOR THIS RIFLE IS: .9686

21 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8511401

CENTERFIRE PATTERNS

1

POR

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 0

2 in = 6

3 in = 6

HS = 2.647

VS = 3.222

GS = 3.891

CENTROID *

PATTERN #

1

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.552

.917

.809

MINIMUM X

-1.095

-.922

-1.030

MAXIMUM Y

1.616

1.473

1.212

MINIMUM Y

-1.606

-1.749

-1.565

CENTROID X

.169

-.004

.104

CENTROID Y

-.163

-.020

-.204

POR TO CENTROID in.

.235

.021

.229

MIN RADIUS

.516

.371

.548

MEAN RADIUS

1.201

1.092

1.015

MAX RADIUS

2.018

1.753

1.591

HORIZONTAL SPREAD

2.647

1.839

1.839

VERTICAL SPREAD

3.222

3.222

2.777

EXTREME SPREAD

3.891

3.308

2.892

NUMBER IN ONE INCH CIRCLE =

0

NUMBER IN TWO INCH CIRCLE =

6

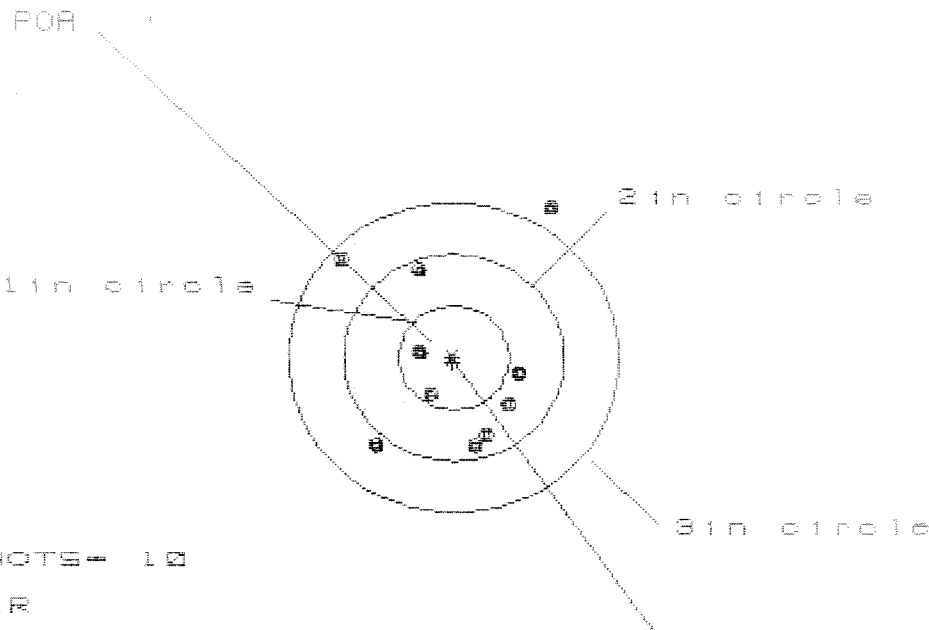
NUMBER IN THREE INCH CIRCLE =

6

21 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611401

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HSI = 1.040

VS = 2.327

GS = 2.784

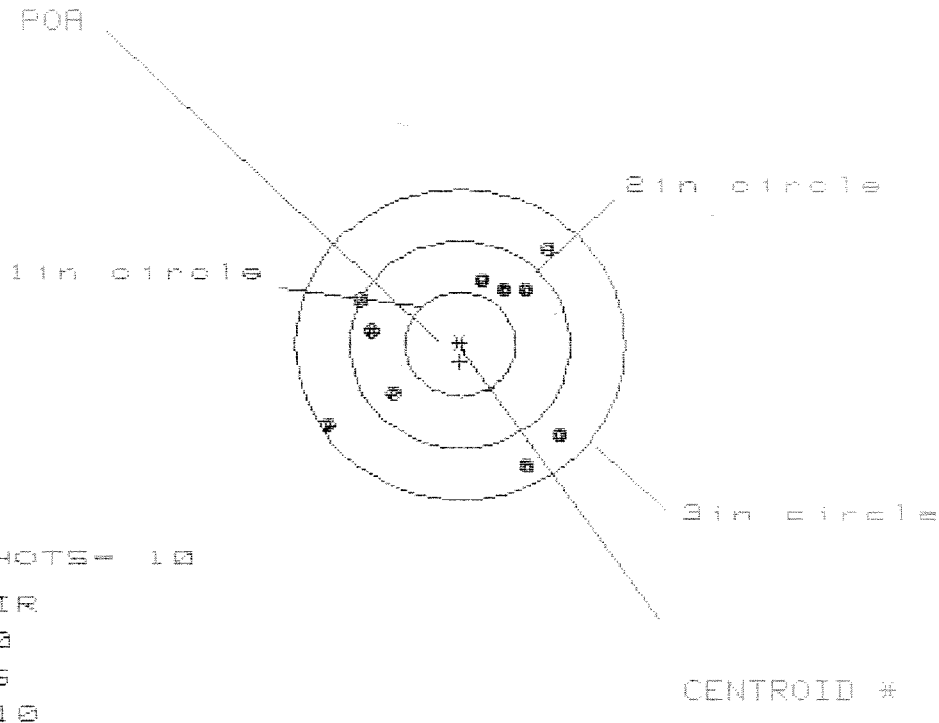
CENTROID #

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.859	.683	.572
MINIMUM X	:	-.981	-.885	-.687
MAXIMUM Y	:	1.497	1.122	1.166
MINIMUM Y	:	-.830	-.664	-.523
CENTROID X	:	.012	-.084	.027
CENTROID Y	:	.047	-.119	-.260
POA TO CENTROID in.	:	.048	.146	.261
MIN RADIUS	:	.322	.216	.211
MEAN RADIUS	:	.872	.738	.616
MAX RADIUS	:	1.726	1.429	1.203
HORIZONTAL SPREAD	:	1.840	1.568	1.259
VERTICAL SPREAD	:	2.327	1.786	1.689
EXTREME SPREAD	:	2.784	2.152	1.762
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	9		

21 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6811481

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 6

3 in = 10

HS= 2.081

VS= 2.138

GS= 2.676

PATTERN #

3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	0.890	.757	.815
MINIMUM X	-1.191	-1.001	-.944
MAXIMUM Y	.971	.884	.727
MINIMUM Y	-1.167	-1.254	-1.109
CENTROID X	.004	.137	.080
CENTROID Y	.169	.256	.413
POA TO CENTROID in.	.169	.291	.421
MIN RADIUS	.660	.517	.417
MEAN RADIUS	.987	.917	.828
MAX RADIUS	1.428	1.335	1.376
HORIZONTAL SPREAD	2.081	1.758	1.758
VERTICAL SPREAD	2.138	2.138	1.836
EXTREME SPREAD	2.676	2.182	2.182
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

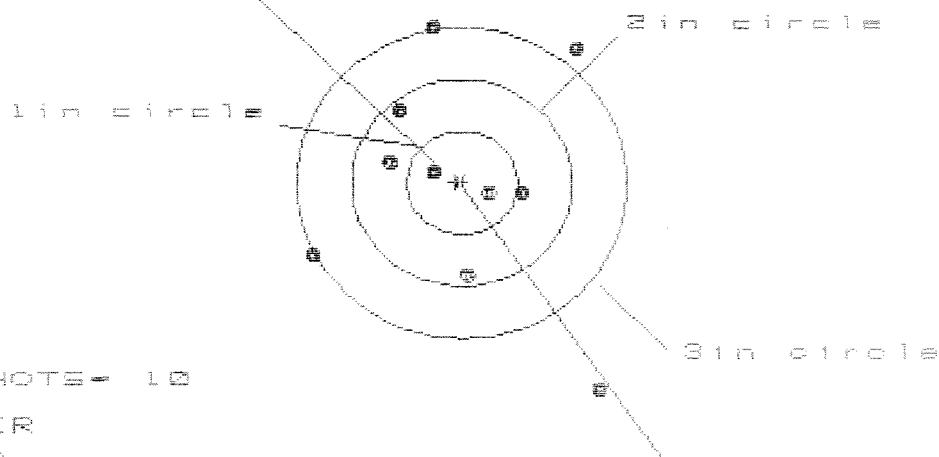
21 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611401

CENTERFIRE PATTERNS

4

POA



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 7

CENTROID *

HS = 2.616

VS = 3.509

GS = 3.847

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.285

1.221

.882

MINIMUM X

-1.331

-1.109

-1.036

MAXIMUM Y

1.475

1.249

1.388

MINIMUM Y

-2.034

-1.155

-1.016

CENTROID X

.056

-.086

-.239

CENTROID Y

-.086

.220

.081

POA TO CENTROID in.

.057

.236

.252

MIN RADIUS

.288

.193

.020

MEAN RADIUS

1.078

.911

.783

MAX RADIUS

2.406

1.652

1.388

HORIZONTAL SPREAD

2.616

2.410

1.838

VERTICAL SPREAD

3.509

2.404

2.404

EXTREME SPREAD

3.847

3.125

2.421

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

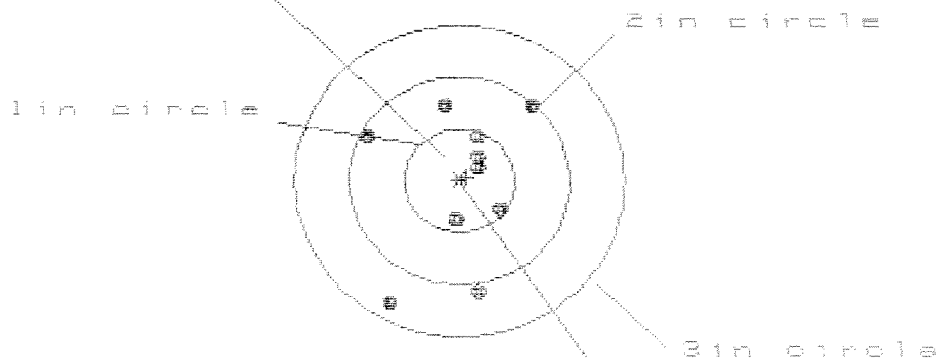
7

21 Feb 1931

FILE:/PATTERNING/CENTERFIRE_PATT/08611481

CENTERFIRE PATTERNS # 5

FOR



OF SHOTS= 10

IN CIR

1 in = 5

2 in = 7

3 in = 10

HS= 1.511

VS= 1.966

GS= 2.369

CENTROID #

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.643

.568

.580

MINIMUM X

-.868

-.943

-.931

MAXIMUM Y

.779

.647

.496

MINIMUM Y

-1.187

-1.209

-.627

CENTROID X

-.063

.012

.000

CENTROID Y

-.030

.102

.253

POA TO CENTROID in.

.070

.102

.253

MIN RADIUS

.267

.139

.098

MEAN RADIUS

.705

.590

.490

MAX RADIUS

1.367

1.212

.952

HORIZONTAL SPREAD

1.511

1.511

1.511

VERTICAL SPREAD

1.966

1.856

1.123

EXTREME SPREAD

2.369

1.915

1.540

NUMBER IN ONE INCH CIRCLE = 5

NUMBER IN TWO INCH CIRCLE = 7
NUMBER IN THREE INCH CIRCLE = 10

BARBER - M24 0076233

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

BARBER - M24 0076233

M24 009976272

RECEIVED BARBER M24 0076234 REPORT

COMMENTS

ORDER

R 94-18763

INITIAL CUSTOMER ORDER NO.

JJM DAAA09-92-C-0834

W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT
ATTN FRED MARTIN

SCOPE 90-0339

DATE RECEIVED DATE OPENED DATE CODE

06/14/94 06/15/94

SERIAL NUMBER

C6611401

NEW SERIAL NUMBER

MODEL AND GRADE

700 7.62

NATO

ACCESSORIES

HARD CASE

SCOPE MNTS

SCOPE BASE

SLING STRAP

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.B.D.L.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

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

Trigger Assy \$173.31
CTI 50.00
\$223.31

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 0076234 067629976273

BARBER - M24 0076235

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

SERIAL NO. C6611401
DATE 2/9/96
TESTER AC

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.44	2.55		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.40	2.52		
PULL #3	2.62	2.36	2.53		
PULL #4	2.56	2.45	2.51		
PULL #5	2.55	2.51	2.54		
TOTAL	12.70	12.16	12.65		
AVG.	2.54	2.43	2.53		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.15		
PULL #2	3.34	3.01		
PULL #3	3.20	3.10		
PULL #4	3.26	3.13		
PULL #5	3.28	3.09		
TOTAL	16.34	15.48		
AVG.	3.27	3.09		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.64	4.44		4.56
PULL #2	4.51	4.01		4.59
PULL #3	4.45	4.05		4.44
PULL #4	4.14	4.05		4.54
PULL #5	4.40	4.45		4.62
TOTAL	22.14	21.00		22.75
AVG.	4.43	4.20		4.55

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611401

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

BARBER - M24 0076237		READINGS					DATE	INIT
op. #	OP. NAME							
625 cont.	F) Safety On Force	5 1/2	6	5 3/4			2/23/96	WB
	G) Safety Off Force	3	3	3 1/4			2/23/96	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	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						2/23/96	RW
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace						2/24/96	RW
	B) Trigger Pull	2.54	2.49	2.46	2.47	2.43	2/23/96	WB
	C) Function						2/24/96	RW
660	Pack							