

C6594541

MODEL 700™ M24

Model **SMS**™

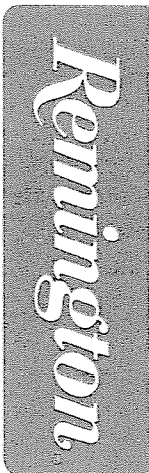
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington
MODEL 700™ H24

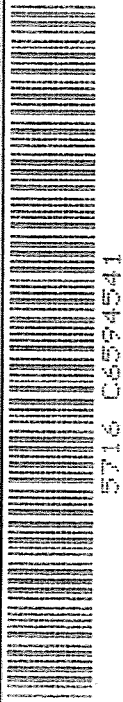
VERY IMPORTANT!
Instruction Book
enclosed to assure
safe use of this
firearm.

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

SERIAL NO.
C6594541

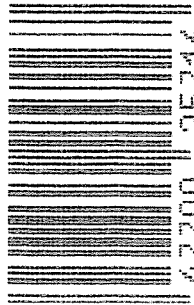
ORDER NO.
5716

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



5716 C6594541

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6594541

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/31/90	Kd
600	Proof		10/31/90	Kd
607	Check Headspace		10/31/90	Kd
610	Dis-assemble Gun		10/31/90	Kd
612	Magnaflux Barrel Action		11/2/90	KCR
	Magnaflux Bolt		11/2/90	KCR
615	Rollmark Caliber		11/2/90	BS
617	Drill and Tap Sight Holes		11/5/90	FB
618	Polish Barrel <i>RB</i>		11/6/90	WB
620	Apply Coatings (Barrel Action)		11/26/90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12-14-90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/14/90	KS
	C) Inspect Ejector Hole for Chamfer		12/14/90	KS
	D) Oil Firing Pin Ass'y		12/14/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		1/7/91	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.50	4.75	4.50			1/3/91	KT
	G) Safety Off Force	2.50	2.50	2.50			1/3/91	KT
	H) Trigger Pull Test & Retainability						1/2/91	JH
	I) Firing Pin Indent	.020	.020	.020			1/3/91	KT
	J) Assemble Stock						1/11/91	KA
	K) Assemble Swivel Studs						1-16-91	JH
	L) Attach Front and Rear Sight Assemblies						1/11/91	KA
	M) Iron Sight Alignment						1/11/91	KA
	N) Detach Front & Rear Sights & place in numbered container						1/11/91	KA
	O) Attach Scope to Rifle						1/11/91	KA
	P) Detach & Attach Scope 20 Times						1/11/91	KA
640	Gallery Target & Test						1-15-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						1-15-91	NF
655	Final Inspection							
	A) Headspace						1-16-91	JH
	B) Trigger Pull	2.29	2.30	2.37	2.42	2.31	1-16-91	JH
	C) Function						1-16-91	JH
660	Pack						3/15/91	WB

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6594541

DATE 1-7-91

TESTER JEP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.45	2.36	2.29	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.20	2.32	2.38	2.30	
PULL #3	2.32	2.38	2.28	2.37	
PULL #4	2.39	2.39	2.30	2.42	
PULL #5	2.29	2.34	2.36	2.31	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.24		
PULL #2	3.25	3.14		
PULL #3	3.35	3.23		
PULL #4	3.26	3.19		
PULL #5	3.11	3.48		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.29		4.20
PULL #2	4.18	4.23		4.16
PULL #3	4.27	4.26		4.21
PULL #4	4.19	4.24		4.22
PULL #5	4.18	4.24		4.24
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594541
16 Jan 1991

CENTROIDAL DISTANCES

Ø TO	1	.12
1 TO	2	.129074
1 TO	3	.3136
1 TO	4	.1186
1 TO	5	.173081

5
4
3
2
1

<----POA

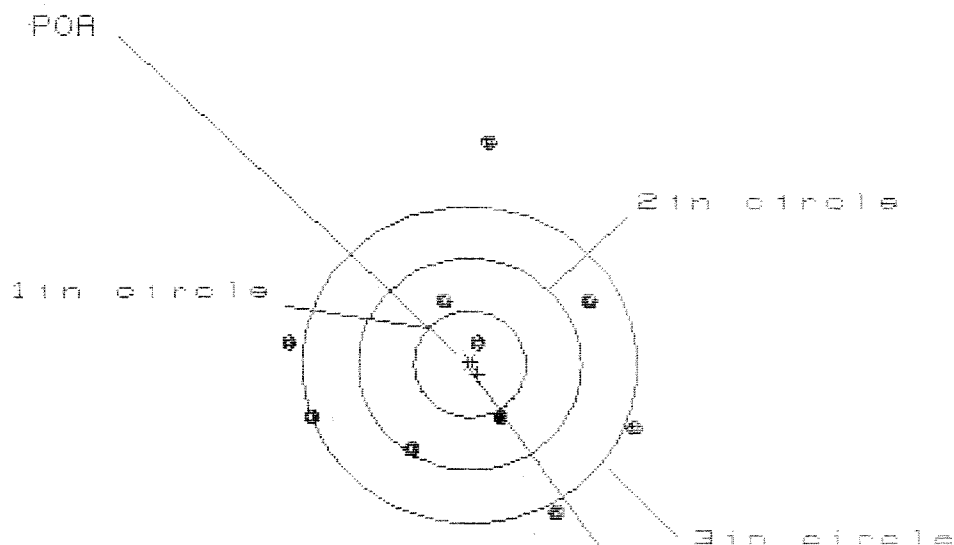
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0018
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0366
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0366442
THE AMR FOR THIS RIFLE IS: 1.069

15 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8594541

CENTERFIRE PATTERNS

1



OF SHOTS - 10

IN CIR

1in = 1

2in = 4

3in = 5

HS = 3.037

VS = 3.570

GS = 3.630

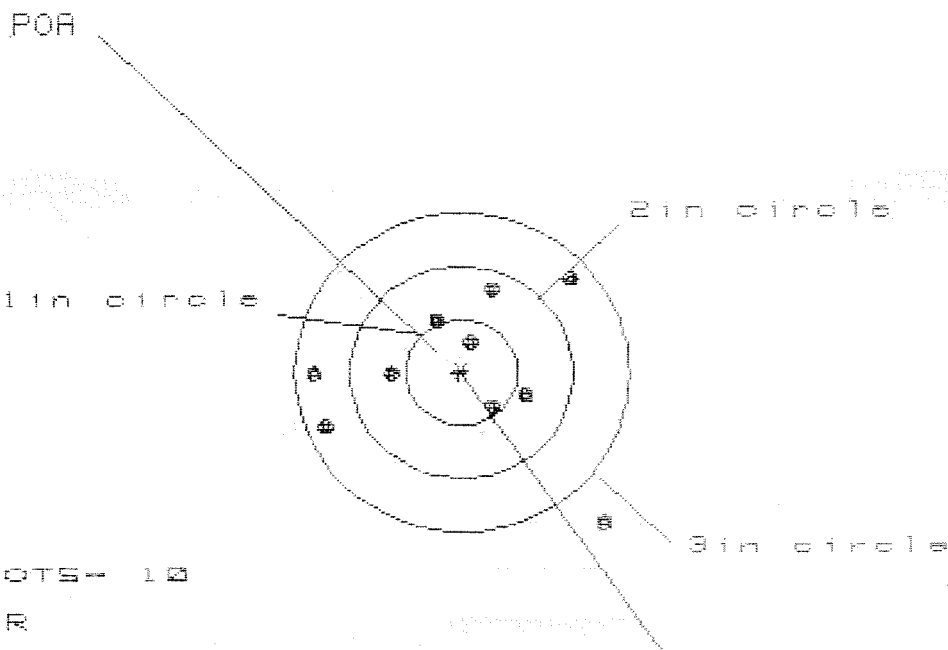
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.430	1.445	1.547
MINIMUM X	-1.607	-1.592	-1.490
MAXIMUM Y	2.144	.879	.731
MINIMUM Y	-1.426	-1.188	-.750
CENTROID X	-.072	-.087	-.189
CENTROID Y	.096	-.142	.006
POA TO CENTROID in.	.120	.167	.189
MIN RADIUS	.233	.413	.355
MEAN RADIUS	1.210	1.099	1.044
MAX RADIUS	2.149	1.665	1.631
HORIZONTAL SPREAD	3.037	3.037	3.037
VERTICAL SPREAD	3.570	2.067	1.481
EXTREME SPREAD	3.630	3.156	3.156
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	5		

15 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06534541

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.552

VS= 2.389

GS= 2.919

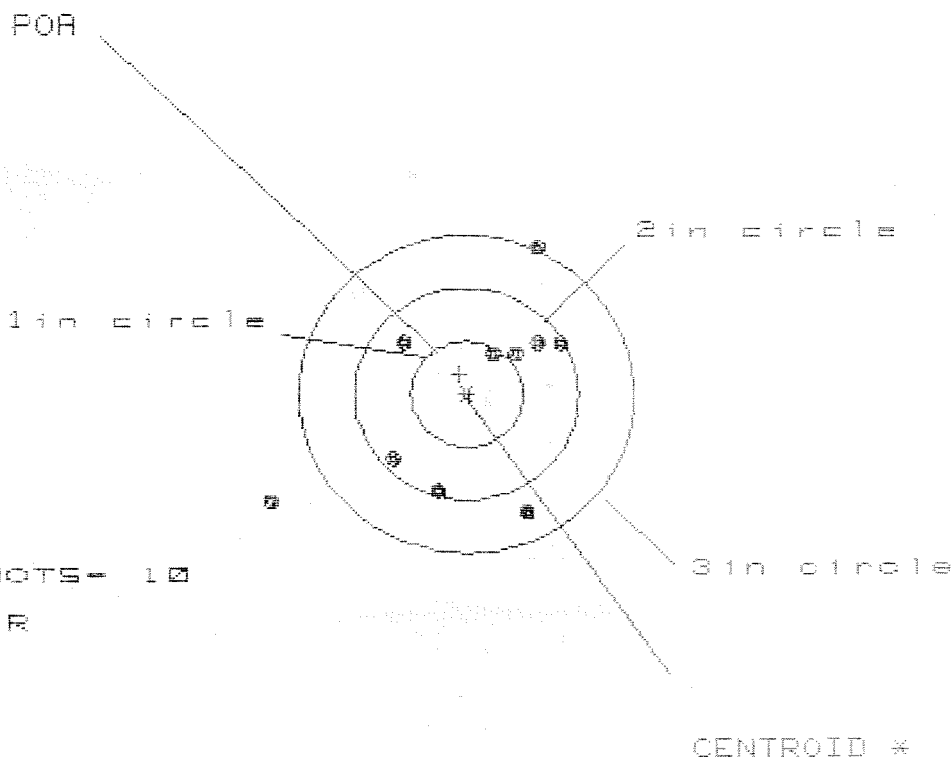
CENTROID #

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.236	1.064	.917
MINIMUM X	-1.316	-1.179	-1.192
MAXIMUM Y	.918	.763	.748
MINIMUM Y	-1.391	-.786	-.722
CENTROID X	.026	-.111	.036
CENTROID Y	.012	.167	.183
POA TO CENTROID in.	.029	.200	.186
MIN RADIUS	.306	.244	.138
MEAN RADIUS	.921	.792	.719
MAX RADIUS	1.861	1.310	1.393
HORIZONTAL SPREAD	2.552	2.243	2.109
VERTICAL SPREAD	2.389	1.469	1.469
EXTREME SPREAD	2.919	2.570	2.570
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

15 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594541

CENTERFIRE PATTERNS # 3

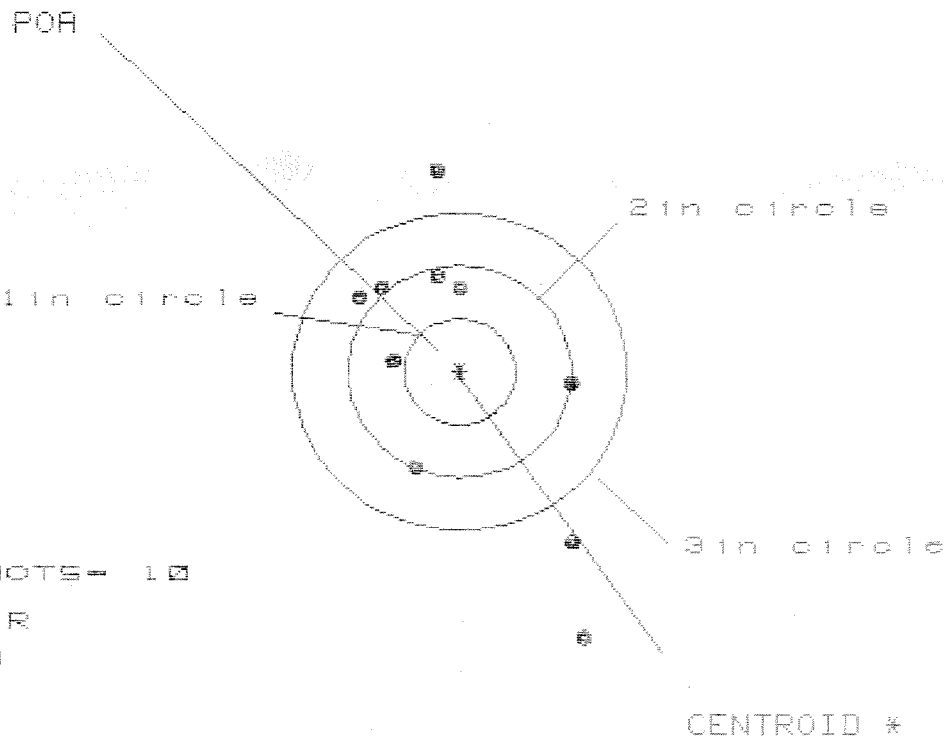


PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.841	.640	.699
MINIMUM X	:	-1.808	-.965	-.806
MAXIMUM Y	:	1.399	1.290	.535
MINIMUM Y	:	-1.154	-1.263	-1.102
CENTROID X	:	.061	.262	.203
CENTROID Y	:	-.188	-.079	-.240
POA TO CENTROID in.	:	.198	.274	.314
MIN RADIUS	:	.428	.266	.432
MEAN RADIUS	:	1.018	.851	.811
MAX RADIUS	:	2.059	1.375	1.171
HORIZONTAL SPREAD	:	2.649	1.585	1.585
VERTICAL SPREAD	:	2.553	2.553	1.637
EXTREME SPREAD	:	3.444	2.557	1.968
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

15 Jan 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 0

2in = 3

3in = 7

HS= 1.930

VS= 4.414

GS= 4.602

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.061	1.163	1.148
MINIMUM X	:	-.869	-.751	-.766
MAXIMUM Y	:	1.912	1.634	.846
MINIMUM Y	:	-2.502	-1.839	-1.635
CENTROID X	:	-.001	-.119	-.104
CENTROID Y	:	.001	.279	.075
POA TO CENTROID in.	:	.001	.303	.128
MIN RADIUS	:	.585	.490	.478
MEAN RADIUS	:	1.299	1.057	1.011
MAX RADIUS	:	2.718	2.136	1.955
HORIZONTAL SPREAD	:	1.930	1.914	1.914
VERTICAL SPREAD	:	4.414	3.473	2.481
EXTREME SPREAD	:	4.602	3.678	2.906
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

15 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594541

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 1.451

VS= 3.318

GS= 3.388

CENTROID #

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.738	.659	.645
MINIMUM X	-.713	-.546	-.559
MAXIMUM Y	1.762	1.111	.941
MINIMUM Y	-1.556	-1.360	-.957
CENTROID X	-.023	.056	.070
CENTROID Y	.262	.066	.236
POA TO CENTROID in.	.263	.087	.246
MIN RADIUS	.091	.244	.076
MEAN RADIUS	.895	.794	.689
MAX RADIUS	1.901	1.364	1.154
HORIZONTAL SPREAD	1.451	1.205	1.205
VERTICAL SPREAD	3.318	2.471	1.898
EXTREME SPREAD	3.388	2.504	1.951
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

COMMENTS

M2400018936

SWS TRIGGER PULL TEST

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

SERIAL NO. C6594541

DATE 2-15-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.74	2.80	2.74		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.73	2.89	2.74		
PULL #3	2.69	2.78	2.75		
PULL #4	2.68	2.78	2.80		
PULL #5	2.81	2.73	2.65		
TOTAL	13.65	13.98	13.68		
AVG.	2.73	2.79	2.73		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.19		
PULL #2	3.25	3.27		
PULL #3	3.38	3.22		
PULL #4	3.35	3.15		
PULL #5	3.23	3.09		
TOTAL	16.37	15.92		
AVG.	3.27	3.18		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.38		4.09
PULL #2	4.25	4.33		4.15
PULL #3	4.34	4.31		4.01
PULL #4	4.24	4.33		4.00
PULL #5	4.20	4.21		4.07
TOTAL	21.26	21.56		20.32
AVG.	4.25	4.31		4.06

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594541

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			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability							10
	I) Firing Pin Indent							2
	J) Assemble Stock							12
	K) Assemble Swivel Studs							00
	L) Attach Front and Rear Sight Assemblies							1
	M) Iron Sight Alignment							1
	N) Detach Front & Rear Sights & place in numbered container							1
	O) Attach Scope to Rifle							1
	P) Detach & Attach Scope 20 Times							1
640	Gallery Target & Test							1
	A) Time							1
	B) Malfunctions							1
	C) Pierced Primers							1
	D) Optical Clarity of Scope							1
645	Inspect for Live Ammo							1
655	Final Inspection							1
	A) Headspace							1
	B) Trigger Pull	2.84	2.91	2.92	2.96	2.93	2/24/96	RW
	C) Function							
660	Pack							

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6594541

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			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			2/27/96	WB
	G) Safety Off Force	2	2	2			2/27/96	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							
	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	2.67	2.68	2.64	2.66	2.66	2/27/96	WB
	C) Function							
660	Pack							