

C6594510

MODEL 700™ H24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

* Includes 1 in chamber.

Remington




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

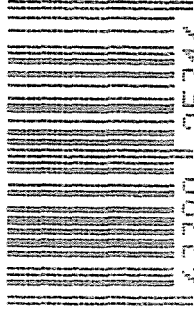
MODEL 700TM M24

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

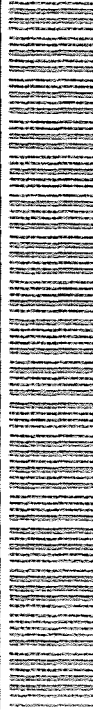
SERIAL NO.
C6594510

ORDER NO.
5716

UPC



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5716 C6594510

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594510

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	Kcd
	Magnaflux Bolt		11/2/90	Kcd
615	Rollmark Caliber		11/2/90	GS
617	Drill and Tap Sight Holes		11/5/90	KB
618	Polish Barrel <i>KB</i>		11/6/90	KB
620	Apply Coatings (Barrel Action)		11/26/90	JA
	Apply Coating (Bolt)		11/26/90	JA
625	Final Assembly		12/14/90	KS
	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	JL

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						1-7-91	JK
	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	JK
	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	KJ
	A) Time						"	KJ
	B) Malfunctions						"	KJ
	C) Pierced Primers						"	KJ
	D) Optical Clarity of Scope						"	KJ
645	Inspect for Live Ammo						1/15/91	KJ
655	Final Inspection							
	A) Headspace						1-16-91	JK
	B) Trigger Pull	2.49	2.50	2.51	2.49	2.46	1-16-91	JK
	C) Function						1-16-91	JK
660	Pack						3/15/91	WLB

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6594510

DATE 1-7-91

TESTER JP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.29	2.32	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.50	2.35	2.35	2.50	
PULL #3	2.27	2.28	2.35	2.51	
PULL #4	2.26	2.33	2.33	2.49	
PULL #5	2.25	2.35	2.25	2.46	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.29		
PULL #2	3.30	3.35		
PULL #3	3.28	3.32		
PULL #4	3.25	3.36		
PULL #5	3.29	3.35		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.21		4.18
PULL #2	4.17	4.25		4.22
PULL #3	4.19	4.22		4.24
PULL #4	4.22	4.23		4.26
PULL #5	4.27	4.20		4.24
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594510
16 Jan 1991

CENTROIDAL DISTANCES

Ø TO	1	.12431
1 TO	2	.328184
1 TO	3	.271827
1 TO	4	.256909
1 TO	5	.167631

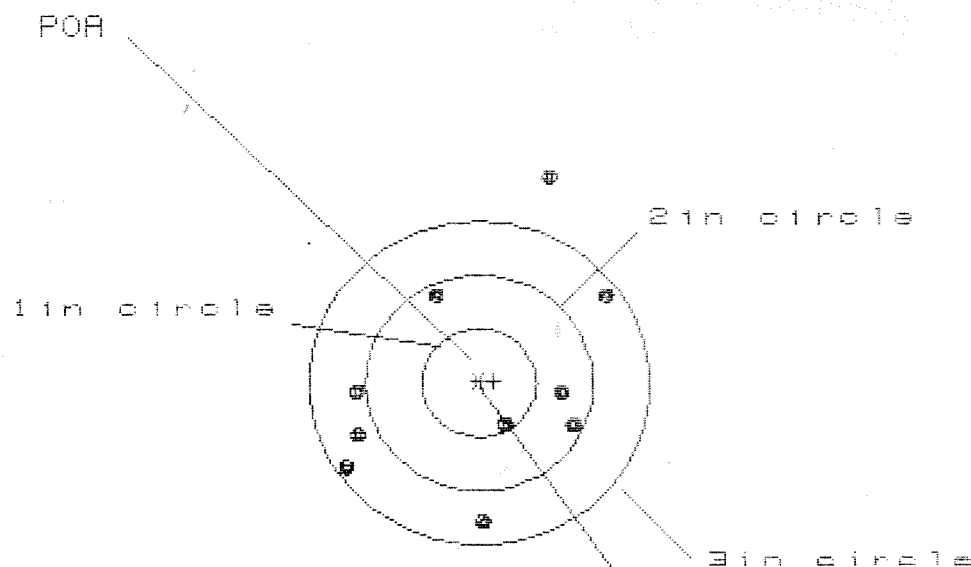
 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0434
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0118
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0449755
THE AMR FOR THIS RIFLE IS: .974

15 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8534510

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 2.296

VS= 3.147

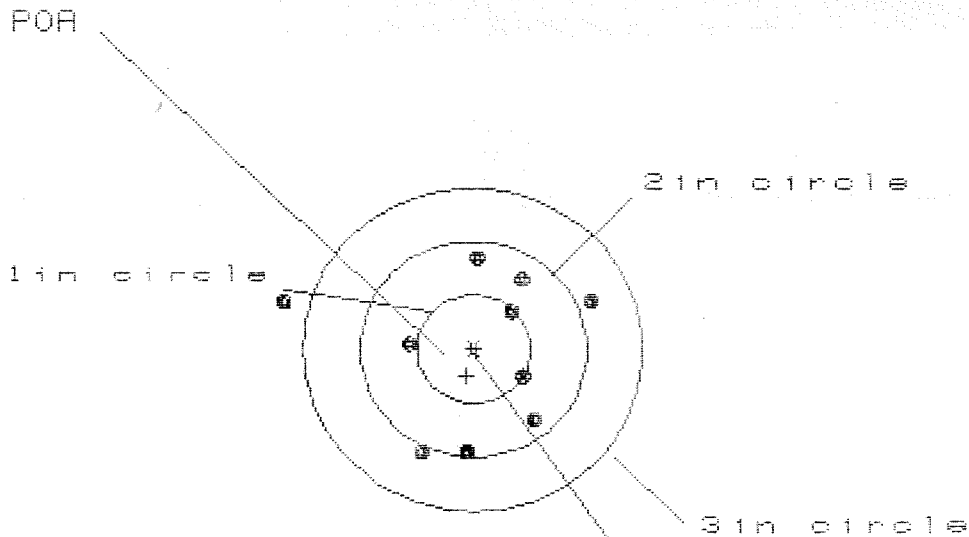
GS= 3.228

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.100	1.173	1.032
MINIMUM X	-1.196	-1.123	-1.116
MAXIMUM Y	1.875	1.002	.932
MINIMUM Y	-1.272	-1.064	-1.134
CENTROID X	-.123	-.196	-.055
CENTROID Y	-.018	-.226	-.156
POA TO CENTROID in.	.124	.299	.166
MIN RADIUS	.461	.366	.309
MEAN RADIUS	1.125	1.003	.954
MAX RADIUS	1.986	1.543	1.391
HORIZONTAL SPREAD	2.296	2.296	2.148
VERTICAL SPREAD	3.147	2.066	2.066
EXTREME SPREAD	3.228	2.778	2.479
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

15 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8594510

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.746

VS= 1.888

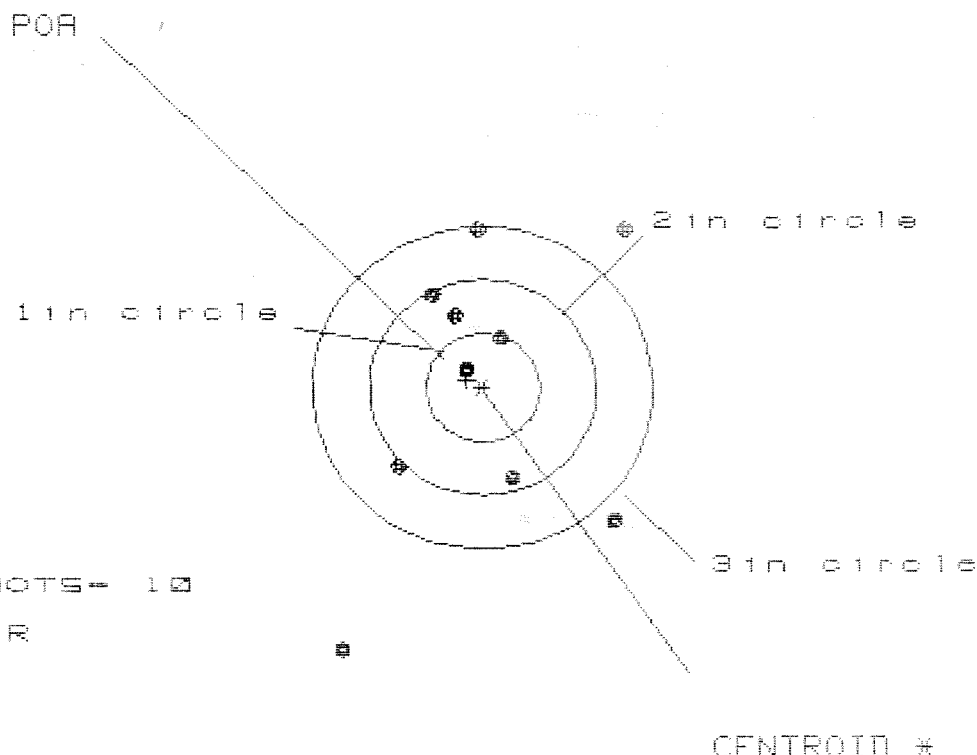
GS= 2.746

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.054	.866	.421
MINIMUM X	:	-1.692	-.719	-.611
MAXIMUM Y	:	.896	.949	1.009
MINIMUM Y	:	-.992	-.939	-.879
CENTROID X	:	.065	.253	.145
CENTROID Y	:	.251	.198	.138
POA TO CENTROID in.	:	.259	.322	.200
MIN RADIUS	:	.471	.301	.356
MEAN RADIUS	:	.898	.772	.747
MAX RADIUS	:	1.757	1.135	1.025
HORIZONTAL SPREAD	:	2.746	1.585	1.032
VERTICAL SPREAD	:	1.888	1.888	1.888
EXTREME SPREAD	:	2.746	2.070	1.942
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

15 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08594510

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS= 2.442

VS= 3.917

GS= 4.616

PATTERN #

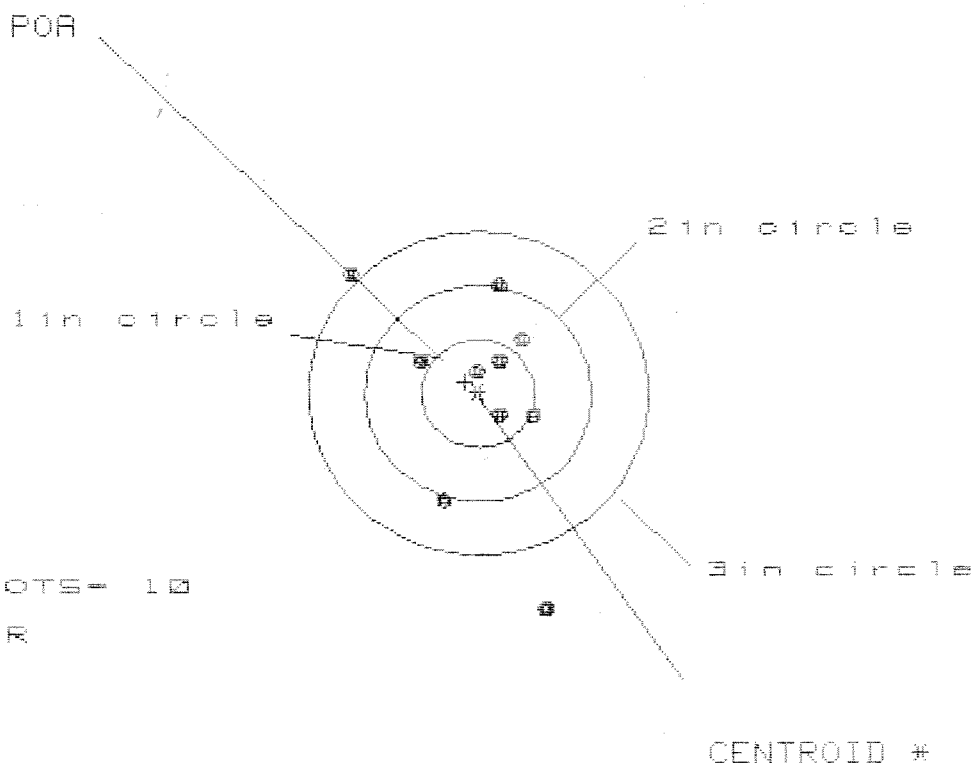
3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.236	1.102	1.190
MINIMUM X	-1.206	-.830	-.693
MAXIMUM Y	1.508	1.240	1.366
MINIMUM Y	-2.409	-1.472	-1.317
CENTROID X	.144	.278	.141
CENTROID Y	-.069	.199	.044
POA TO CENTROID in.	.160	.342	.148
MIN RADIUS	.274	.174	.195
MEAN RADIUS	1.208	.992	.902
MAX RADIUS	2.695	1.810	1.775
HORIZONTAL SPREAD	2.442	1.932	1.883
VERTICAL SPREAD	3.917	2.712	2.683
EXTREME SPREAD	4.616	2.976	2.971
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

15 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8594510

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 1.684

VS= 3.118

GS= 3.544

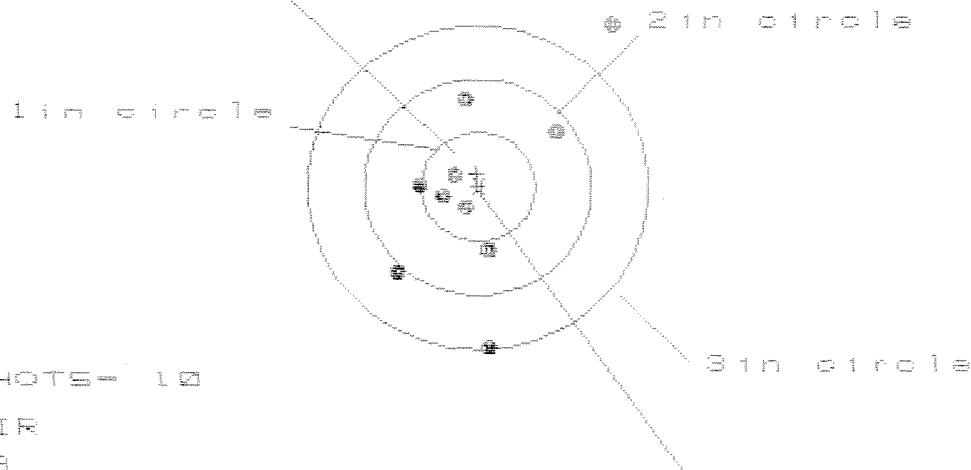
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.569	.535	.403
MINIMUM X	:	-1.115	-1.052	-.619
MAXIMUM Y	:	1.091	.866	.856
MINIMUM Y	:	-2.027	-1.214	-1.106
CENTROID X	:	.118	.055	.186
CENTROID Y	:	-.107	.118	.009
POA TO CENTROID in.	:	.160	.130	.187
MIN RADIUS	:	.218	.071	.117
MEAN RADIUS	:	.827	.653	.539
MAX RADIUS	:	2.105	1.363	1.161
HORIZONTAL SPREAD	:	1.684	1.587	1.023
VERTICAL SPREAD	:	3.118	2.080	1.961
EXTREME SPREAD	:	3.544	2.239	2.010
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

15 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594510

CENTERFIRE PATTERNS #, 5

POA



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 1.905

VS= 3.069

GS= 3.279

CENTROID *

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.202	.822	.845
MINIMUM X	:	-.703	-.570	-.547
MAXIMUM Y	:	1.546	1.034	.865
MINIMUM Y	:	-1.523	-1.351	-.755
CENTROID X	:	.013	-.120	-.143
CENTROID Y	:	-.116	-.288	-.119
POA TO CENTROID in.	:	.117	.312	.186
MIN RADIUS	:	.181	.037	.142
MEAN RADIUS	:	.812	.636	.533
MAX RADIUS	:	1.958	1.363	1.006
HORIZONTAL SPREAD	:	1.905	1.392	1.392
VERTICAL SPREAD	:	3.069	2.385	1.620
EXTREME SPREAD	:	3.279	2.393	1.906
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

M2400018391

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6594510

DATE 11-11-95

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.65	2.52	2.63		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.65	2.58	2.51		
PULL #3	2.63	2.59	2.51		
PULL #4	2.65	2.67	2.54		
PULL #5	2.69	2.66	2.54		
TOTAL	13.27	13.02	12.73		
AVG.	2.65	2.60	2.54		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.08		
PULL #2	3.21	3.14		
PULL #3	3.19	3.22		
PULL #4	3.23	3.14		
PULL #5	3.02	3.12		
TOTAL	15.80	15.70		
AVG.	3.16	3.14		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.05	4.00		4.20
PULL #2	4.18	4.03		4.16
PULL #3	4.13	4.10		4.20
PULL #4	4.06	4.04		4.14
PULL #5	4.04	4.11		4.25
TOTAL	20.46	20.28		20.95
AVG.	4.09	4.05		4.19

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6594510

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	5 1/2	5 1/2	5 1/2			1/24/96	WLB
	G) Safety Off Force	3	3	3			1/24/96	WLB
	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						1/22/96	WLB
	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	2.42	2.40	2.39	2.37	2.32	1/24/96	WLB
	C) Function							
660	Pack							