

C6636258

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington®

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

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

MODEL 700™ H24

SERIAL NO. C6636258

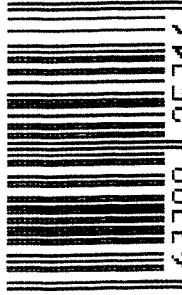
ORDER NO. 5716

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



5716 C6636258

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6636258

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 30	91	Rw
600	Proof	4 30	91	Rw
607	Check Headspace	4 30	91	Rw
610	Dis-assemble Gun	4 30	91	Rw
612	Magnaflux Barrel Action	5	6 9 1	Kcd
	Magnaflux Bolt	5	6 9 1	Kcd
615	Rollmark Caliber	5	6 9 1	GS
617	Drill and Tap Sight Holes	5 10	91	LB
618	Polish Barrel	5 10	91	WB
620	Apply Coatings (Barrel Action)		5/30/91	154
	Apply Coating (Bolt)		5/30/91	154
625	Final Assembly A) Clean inside of Bolt Assembly		5/30/91	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/30/91	Rw
	C) Inspect Ejector Hole for Chamfer		5/30/91	Rw
	D) Oil Firing Pin Ass'y		5/30/91	Rw
	E) Adjust Trigger Pull to Min Setting and Stake		6-10-91	154

op. #	BARBER - M24 0032311 OFF. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			6-10-91	JK
	G) Safety Off Force	3	3	3			6-10-91	JK
	H) Trigger Pull Test & Retainability						6-10-91	JK
	I) Firing Pin Indent	.0215	.021	.021			6-10-91	JK
	J) Assemble Stock						6-11-91	RW
	K) Assemble Swivel Studs						6-13-91	AC
	L) Attach Front and Rear Sight Assemblies						6-11-91	RW
	M) Iron Sight Alignment						6-11-91	RW
	N) Detach Front & Rear Sights & place in numbered container						6-11-91	RW
	O) Attach Scope to Rifle						6-11-91	RW
	P) Detach & Attach Scope 20 Times						6-11-91	RW
640	Gallery Target & Test						6-11-91	KT
	A) Time						"	KT
	B) Malfunctions						"	KT
	C) Pierced Primers						"	KT
	D) Optical Clarity of Scope						"	KT
645	Inspect for Live Ammo						6-11-91	KT
655	Final Inspection							
	A) Headspace						6-13-91	AC
	B) Trigger Pull	2.61	2.68	2.74	2.70	2.68	6-13-91	JK
	C) Function						6-13-91	AC
660	Pack						6-20-91	AF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6636259DATE 6-10-91TESTER JP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.43	2.40	2.61	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.54	2.54	2.44	2.68	
PULL #3	2.22	2.55	2.48	2.74	
PULL #4	2.53	2.55	2.59	2.70	
PULL #5	2.48	2.42	2.43	2.69	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	3.47		
PULL #2	3.47	3.34		
PULL #3	3.39	3.33		
PULL #4	3.56	3.39		
PULL #5	3.43	3.45		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.57	4.53		4.56
PULL #2	4.38	4.35		4.52
PULL #3	4.57	4.55		4.55
PULL #4	4.32	4.49		4.43
PULL #5	4.54	4.45		4.55
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636258
12 Jun 1991

CENTROIDAL DISTANCES

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0 TO 1 .12912
1 TO 2 .330103
1 TO 3 .175414
1 TO 4 .450395
1 TO 5 .366415
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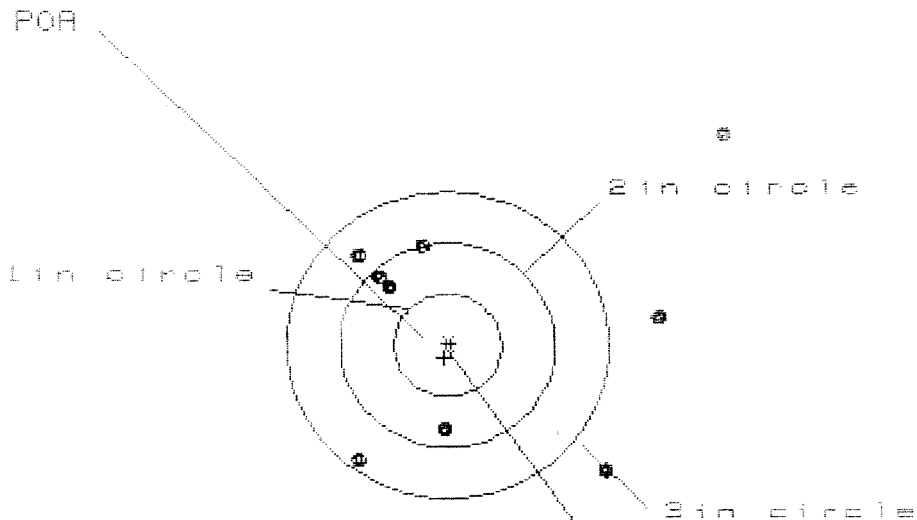
$$\frac{P}{P_0} \approx 1 - \frac{P_0}{P} \approx 1 - \frac{P_0}{P_0} = 0$$

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THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0794
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1714
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .188898
THE AMR FOR THIS RIFLE IS: 1.262
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11 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06536258

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 0

2in = 3

3in = 6

HS= 5.411

VS= 4.432

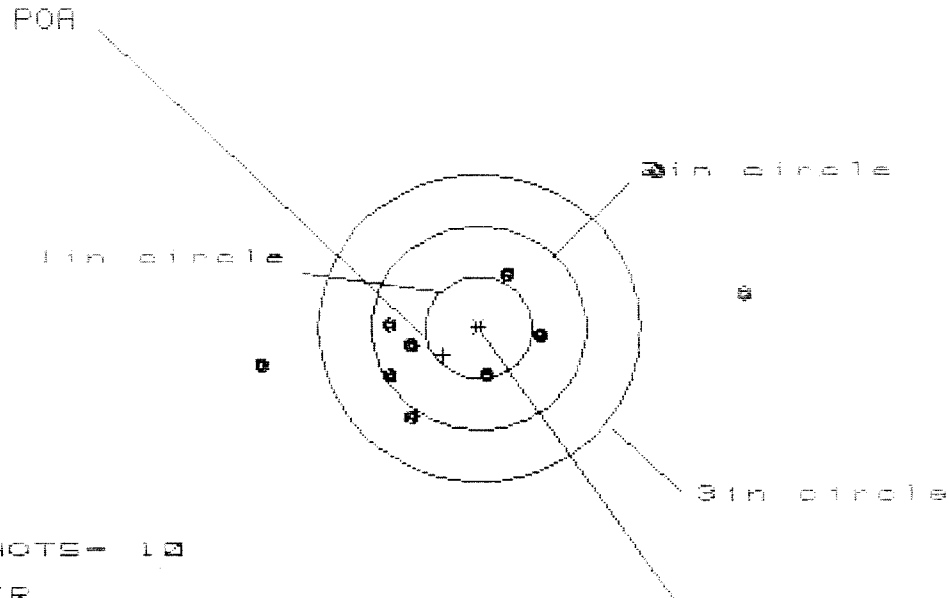
GS= 6.994

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.566	2.250	1.977
MINIMUM X	:	-2.845	-1.173	-.892
MAXIMUM Y	:	2.118	1.861	.946
MINIMUM Y	:	-2.314	-1.488	-1.256
CENTROID X	:	.036	.352	.071
CENTROID Y	:	.124	.381	.149
POA TO CENTROID in.	:	.129	.519	.165
MIN RADIUS	:	.821	.923	.829
MEAN RADIUS	:	1.712	1.515	1.269
MAX RADIUS	:	3.667	2.920	1.991
HORIZONTAL SPREAD	:	5.411	3.423	2.869
VERTICAL SPREAD	:	4.432	3.349	2.202
EXTREME SPREAD	:	6.994	4.685	3.167
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	6		

11 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06896258

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 7

HS= 4.487

VS= 2.362

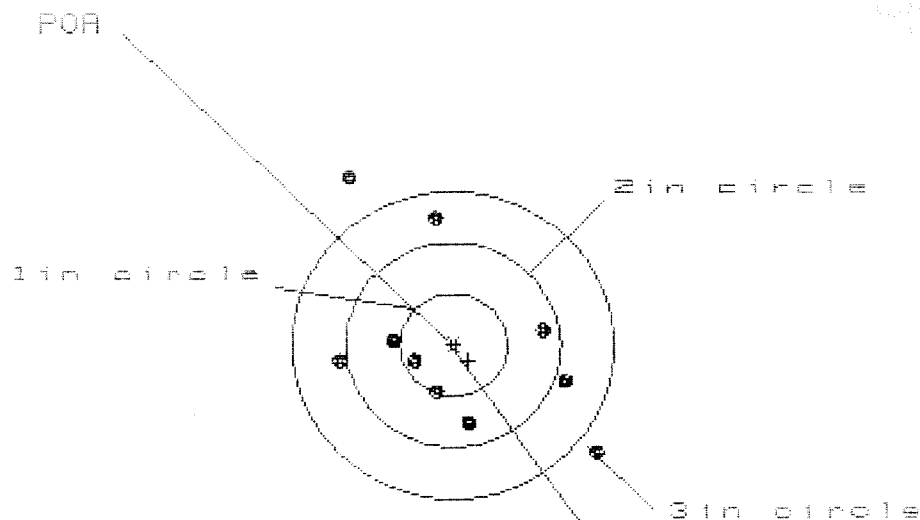
GS= 4.541

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.431	1.894	1.058
MINIMUM X	:	-2.056	-1.786	-1.550
MAXIMUM Y	:	1.494	1.527	.784
MINIMUM Y	:	-.868	-.835	-.644
CENTROID X	:	.334	.064	-.172
CENTROID Y	:	.266	.233	.042
POA TO CENTROID in.	:	.427	.242	.178
MIN RADIUS	:	.484	.430	.180
MEAN RADIUS	:	1.187	.998	.747
MAX RADIUS	:	2.449	2.433	1.559
HORIZONTAL SPREAD	:	4.487	3.680	2.607
VERTICAL SPREAD	:	2.362	2.362	1.428
EXTREME SPREAD	:	4.541	4.138	2.632
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

11 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8836258

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.422

VS= 2.725

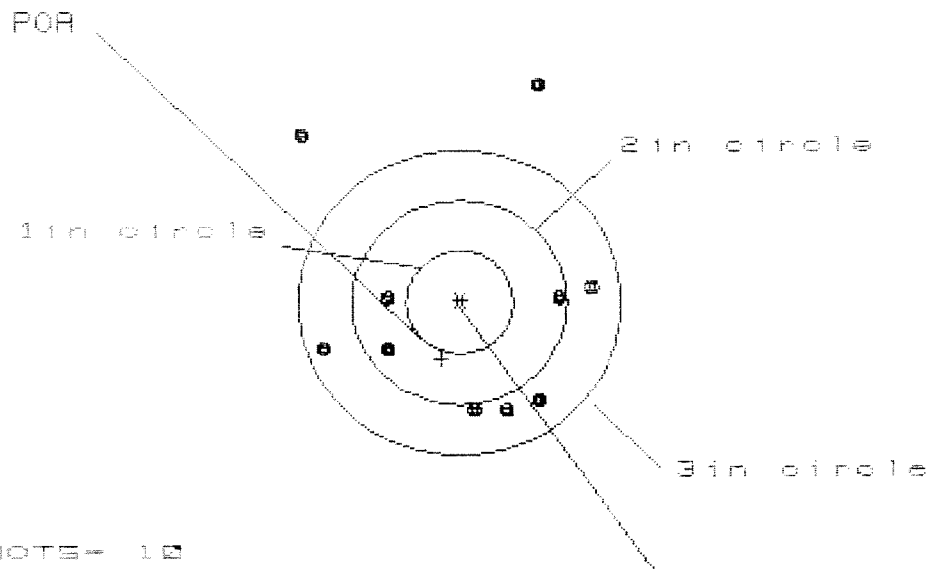
GS= 3.588

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.324	1.212	1.028
MINIMUM X	:	-1.098	-1.210	-1.059
MAXIMUM Y	:	1.649	1.395	1.284
MINIMUM Y	:	-1.076	-0.893	-0.712
CENTROID X	:	-0.137	-0.025	-0.176
CENTROID Y	:	.153	-0.030	.081
POA TO CENTROID in.	:	.205	.039	.194
MIN RADIUS	:	.361	.393	.301
MEAN RADIUS	:	1.014	.890	.794
MAX RADIUS	:	1.934	1.505	1.295
HORIZONTAL SPREAD	:	2.422	2.422	2.087
VERTICAL SPREAD	:	2.725	2.288	1.996
EXTREME SPREAD	:	3.588	2.752	2.093
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8536238

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 3

3 in = 8

HS= 2.662

VS= 3.202

GS= 3.390

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.212	1.292	1.121
MINIMUM X	:	-1.450	-1.370	-1.373
MAXIMUM Y	:	2.126	1.857	.642
MINIMUM Y	:	-1.076	-.839	-.607
CENTROID X	:	.170	.090	.261
CENTROID Y	:	.554	.317	.085
POA TO CENTROID in.	:	.579	.330	.275
MIN RADIUS	:	.684	.602	.607
MEAN RADIUS	:	1.282	1.122	.925
MAX RADIUS	:	2.244	2.307	1.373
HORIZONTAL SPREAD	:	2.662	2.662	2.494
VERTICAL SPREAD	:	3.202	2.696	1.249
EXTREME SPREAD	:	3.390	3.390	2.579
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Jun 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C8636250

CENTERFIRE PATTERNS # 5

POB

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 2

2in = 4

3in = 8

HS = 2.939

VS = 3.200

GS = 3.362

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.000	1.003	.762
MINIMUM X	:	-1.859	-1.936	-1.163
MAXIMUM Y	:	1.285	1.071	.952
MINIMUM Y	:	-1.923	-.965	-1.083
CENTROID X	:	-.006	.071	.313
CENTROID Y	:	-.240	-.026	.092
POB TO CENTROID IN.	:	.240	.075	.326
MIN RADIUS	:	.233	.460	.426
MEAN RADIUS	:	1.115	.988	.796
MAX RADIUS	:	2.043	2.156	1.924
HORIZONTAL SPREAD	:	2.939	2.939	1.924
VERTICAL SPREAD	:	3.200	2.036	2.036
EXTREME SPREAD	:	3.362	3.012	2.175
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	