

C6636128

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



BARBER - M24 0038046

UPC



Remington ®		DUPONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ H24		SERIAL NO. C6636128	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		06	
A 1D barcode with the numbers 5716 C6636128 printed below it.			

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0038046 0038085

Stock
Repaired

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6636128

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 2	9 1	RW
600	Proof	5 2	9 1	RW
607	Check Headspace	5 2	9 1	RW
610	Dis-assemble Gun	5 2	9 1	RW
612	Magnaflux Barrel Action	5 8	9 1	KCR
	Magnaflux Bolt	5 2	9 1	KCR
615	Rollmark Caliber	5 2	9 1	GS
617	Drill and Tap Sight Holes	5 15	9 1	FIB
618	Polish Barrel	5 15	9 1	WB
620	Apply Coatings (Barrel Action)		5/30/91	JA
	Apply Coating (Bolt)		5/30/91	JA
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		4/1/91	WB

op. #	BARBER - M24 0038048	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7 1/2	7 1/2	7 1/2			6/1/91	WB
	G) Safety Off Force	3 1/2	3 1/2	3 1/2			6/1/91	WB
	H) Trigger Pull Test & Retainability						6/1/91	WB
	I) Firing Pin Indent	.0205	.021	.021			6/1/91	WB
	J) Assemble Stock						6/4/91	RW
	K) Assemble Swivel Studs						6-14-91	GU
	L) Attach Front and Rear Sight Assemblies						6/4/91	RW
	M) Iron Sight Alignment						6/4/91	RW
	N) Detach Front & Rear Sights & place in numbered container						6/4/91	RW
	O) Attach Scope to Rifle						6/4/91	RW
	P) Detach & Attach Scope 20 Times						6/4/91	RW
640	Gallery Target & Test						6-4-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						6-4-91	AF
655	Final Inspection							
	A) Headspace						6-14-91	GU
	B) Trigger Pull	2.39	2.43	2.34	2.34	2.34	6-13-91	GU
	C) Function						6-14-91	GU
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. C6636128DATE 6/1/91TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.37	2.46	2.39	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.21	2.24	2.43	
PULL #3	2.25	2.38	2.37	2.54	
PULL #4	2.33	2.38	2.29	2.34	
PULL #5	2.22	2.21	2.26	2.34	
TOTAL	11.66	11.55	11.62		
AVG.	2.33	2.31	2.32		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.11		
PULL #2	3.21	3.35		
PULL #3	3.20	3.18		
PULL #4	3.26	3.34		
PULL #5	3.40	3.25		
TOTAL	16.39	16.23		
AVG.	3.28	3.24		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.02	4.21		4.10
PULL #2	4.12	4.07		3.90
PULL #3	4.10	4.06		4.15
PULL #4	4.03	3.95		4.19
PULL #5	4.04	3.95		3.95
TOTAL	20.31	20.24		20.29
AVG.	4.06	4.05		4.06

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636128
5 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.341646
1 TO	2	.380552
1 TO	3	.458873
1 TO	4	.28878
1 TO	5	.0348281

 <----POA

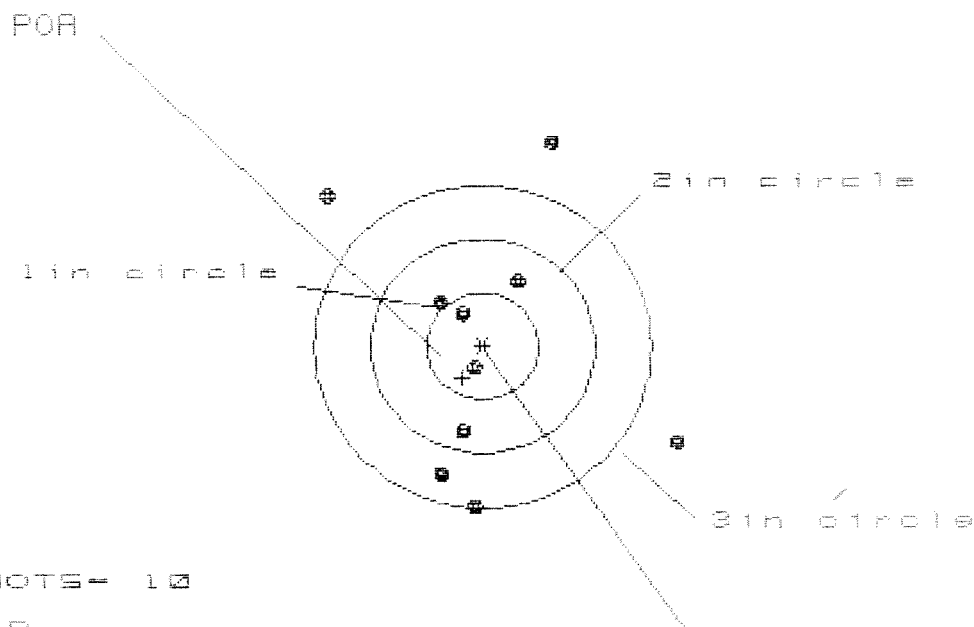
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0678
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .088
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .111089

THE AMR FOR THIS RIFLE IS: 1.014

4 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/0888B128

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS= 3.109

VS= 3.365

GS= 3.857

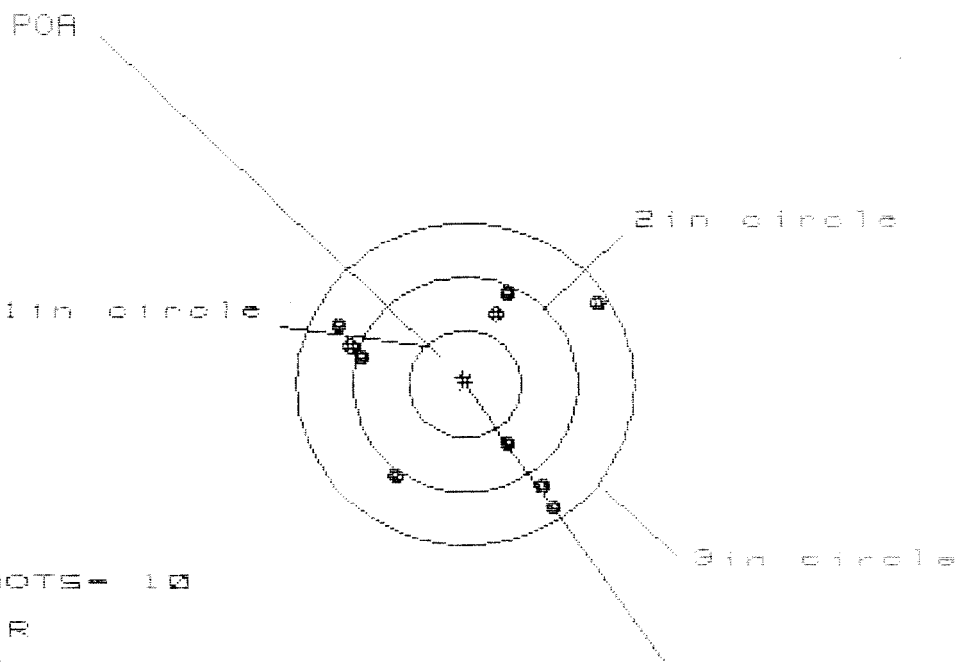
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.732	1.801	.611
MINIMUM X	-1.377	-1.308	-1.083
MAXIMUM Y	1.906	1.575	1.486
MINIMUM Y	-1.459	-1.247	-1.336
CENTROID X	.179	.110	-.115
CENTROID Y	.291	.079	.168
POA TO CENTROID in.	.342	.136	.203
MIN RADIUS	.229	.055	.187
MEAN RADIUS	1.127	1.003	.882
MAX RADIUS	2.005	2.047	1.839
HORIZONTAL SPREAD	3.109	3.109	1.694
VERTICAL SPREAD	3.365	2.822	2.822
EXTREME SPREAD	3.857	3.857	3.112
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

4 Jun 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 10

HS= 2.313

VS= 2.002

GS= 2.588

CENTROID #

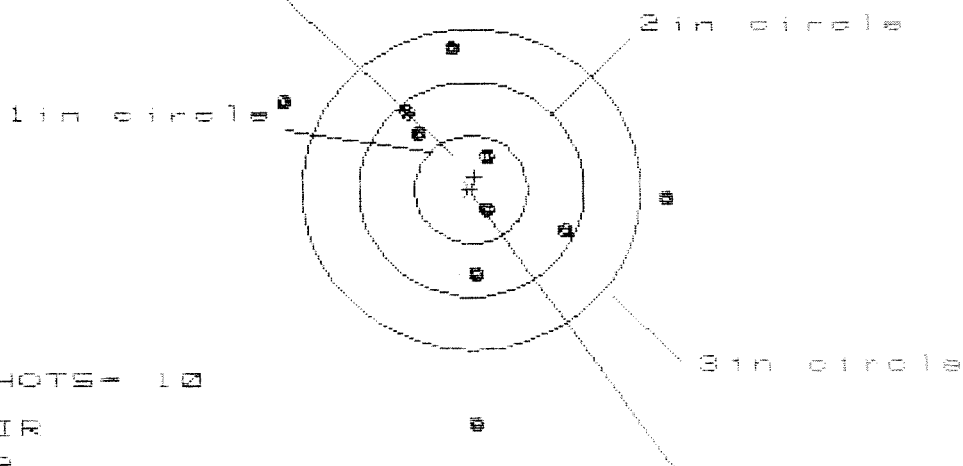
PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.203	.933	.942
MINIMUM X	-1.110	-.976	-.859
MAXIMUM Y	.834	.920	.784
MINIMUM Y	-1.168	-1.082	-.956
CENTROID X	.025	-.109	-.225
CENTROID Y	-.057	-.143	-.007
POA TO CENTROID in.	.062	.179	.226
MIN RADIUS	.649	.666	.684
MEAN RADIUS	1.067	1.018	.946
MAX RADIUS	1.427	1.429	1.342
HORIZONTAL SPREAD	2.313	1.909	1.801
VERTICAL SPREAD	2.002	2.002	1.740
EXTREME SPREAD	2.588	2.588	2.335
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		10	

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CENTERFIRE PATTERNS # 3

POA



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 6

3 in = 7

HS = 3.384

VS = 3.464

GS = 3.504

CENTROID #

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.723	1.729	1.521
MINIMUM X	-1.671	-1.665	-.793
MAXIMUM Y	1.284	1.042	1.113
MINIMUM Y	-2.188	-.999	-.928
CENTROID X	-.031	-.037	.171
CENTROID Y	-.117	.125	.054
POA TO CENTROID in.	.121	.131	.179
MIN RADIUS	.289	.138	.198
MEAN RADIUS	1.084	.935	.837
MAX RADIUS	2.181	1.760	1.538
HORIZONTAL SPREAD	3.394	3.394	2.314
VERTICAL SPREAD	3.464	2.041	2.041
EXTREME SPREAD	3.504	3.504	2.428
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		7	

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CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 9

HS= 2.389

VS= 2.769

GS= 2.769

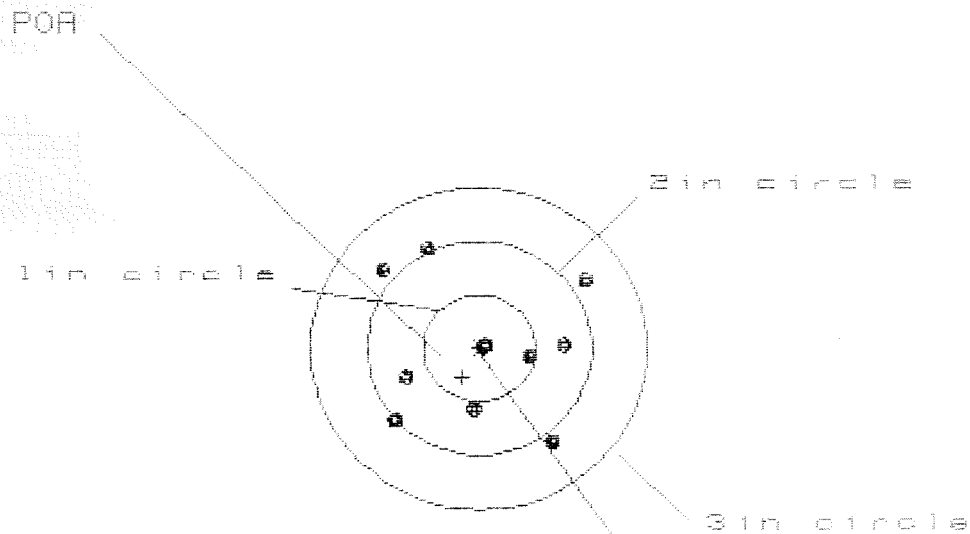
CENTROID #

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.063	1.143	1.238
MINIMUM X	-1.326	-1.246	-1.151
MAXIMUM Y	1.336	1.177	.843
MINIMUM Y	-1.433	-.798	-.643
CENTROID X	.014	-.066	-.161
CENTROID Y	.054	.213	.066
POA TO CENTROID in.	.056	.223	.174
MIN RADIUS	.441	.307	.337
MEAN RADIUS	1.013	.928	.861
MAX RADIUS	1.604	1.402	1.395
HORIZONTAL SPREAD	2.389	2.389	2.389
VERTICAL SPREAD	2.769	1.967	1.486
EXTREME SPREAD	2.769	2.650	2.401
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	9	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS= 1.754

VS= 1.825

GS= 2.138

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.898	.883	.794
MINIMUM X	-.856	-.885	-.784
MAXIMUM Y	.975	1.053	1.138
MINIMUM Y	-.850	-.772	-.687
CENTROID X	.152	.247	.146
CENTROID Y	.269	.191	.196
POA TO CENTROID in.	.388	.312	.181
MIN RADIUS	.080	.168	.240
MEAN RADIUS	.778	.729	.688
MAX RADIUS	1.186	1.178	1.215
HORIZONTAL SPREAD	1.754	1.688	1.488
VERTICAL SPREAD	1.825	1.825	1.825
EXTREME SPREAD	2.138	2.118	2.105
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	