

C6636228

MODEL 700™ M24

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 700™ M24

SERIAL NO.

C6636228

ORDER NO.

5716

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

20



5716 C6636228

UPC



0 47700 25716 7

BARBER - M24 0031965

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 003498932004

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6636228

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		Kcd
	Magnaflux Bolt	5 8 9 1		Kcd
615	Rollmark Caliber	5 8 9 1		GH
617	Drill and Tap Sight Holes	5 15 9 1		LB
618	Polish Barrel	5 15 9 1		LB
620	Apply Coatings (Barrel Action)		6-29-91	DP
	Apply Coating (Bolt)			
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		6-6-91	AM

op. #	BARBER M24 0031967	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7	7			6-6-91	JU
	G) Safety Off Force	4	4	4			6-6-91	JU
	H) Trigger Pull Test & Retainability						6-6-91	JU
	I) Firing Pin Indent	.0215	.0215	.0215			6-6-91	JU
	J) Assemble Stock						6/6/91	RW
	K) Assemble Swivel Studs						6-8-91	D/H
	L) Attach Front and Rear Sight Assemblies						6/6/91	RW
	M) Iron Sight Alignment						6/6/91	RW
	N) Detach Front & Rear Sights & place in numbered container						6/6/91	RW
	O) Attach Scope to Rifle						6/6/91	RW
	P) Detach & Attach Scope 20 Times						6/6/91	RW
640	Gallery Target & Test						6/7/91	KJ
	A) Time						"	KJ
	B) Malfunctions						"	KJ
	C) Pierced Primers						"	KJ
	D) Optical Clarity of Scope						"	KJ
645	Inspect for Live Ammo						6/7/91	KJ
655	Final Inspection							
	A) Headspace						6-8-91	D/H
	B) Trigger Pull	2.23	2.24	2.36	2.31	2.26	6-8-91	JU
	C) Function						6-8-91	D/H
660	Pack						9-18-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6636228DATE 6-6-91TESTER J.P.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.38	2.49	2.23	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.23	2.45	2.29	
PULL #3	2.49	2.45	2.50	2.36	
PULL #4	2.53	2.44	2.50	2.31	
PULL #5	2.51	2.51	2.49	2.26	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.53	3.44		
PULL #2	3.46	3.53		
PULL #3	3.48	3.52		
PULL #4	3.29	3.45		
PULL #5	3.48	3.31		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.36		4.21
PULL #2	4.22	4.52		4.52
PULL #3	4.29	4.36		4.56
PULL #4	4.22	4.37		4.18
PULL #5	4.15	4.51		4.50
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636228
7 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.53491
1 TO	2	.431057
1 TO	3	.486079
1 TO	4	.666557
1 TO	5	.483083

1 <----POA

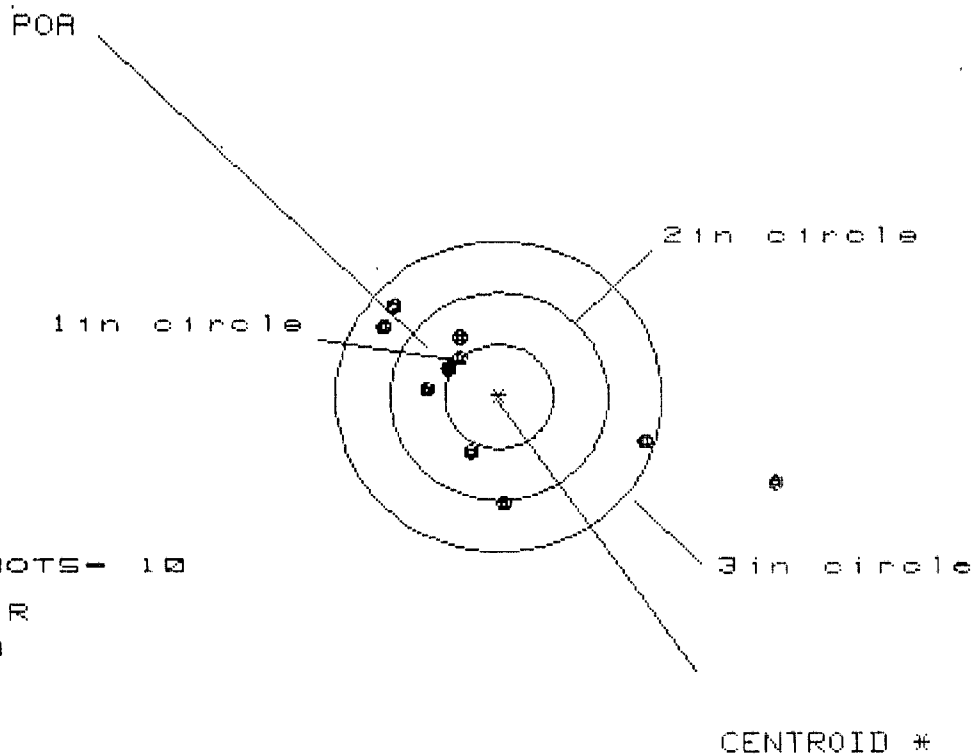
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0684
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1466
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .161772

THE AMR FOR THIS RIFLE IS: .8968

7 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636228

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 9

HS= 3.621

VS= 1.849

GS= 3.903

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.580	1.622	.558
MINIMUM X	-1.041	-.755	-.552
MAXIMUM Y	.837	.750	.681
MINIMUM Y	-1.011	-1.099	-1.167
CENTROID X	.460	.174	-.029
CENTROID Y	-.273	-.186	-.117
FOR TO CENTROID in.	.536	.255	.121
MIN RADIUS	.508	.280	.134
MEAN RADIUS	1.048	.752	.569
MAX RADIUS	2.696	1.713	1.294
HORIZONTAL SPREAD	3.621	2.377	1.110
VERTICAL SPREAD	1.849	1.849	1.849
EXTREME SPREAD	3.903	2.649	2.121
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

7 Jun 1991

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CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in - 4

2 in - 7

3 in - 9

HS = 2.400

VS = 2.188

GS = 2.585

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.496	.723	.710
MINIMUM X	:	-.904	-.738	-.751
MAXIMUM Y	:	.894	.806	.633
MINIMUM Y	:	-1.294	-1.382	-.311
CENTROID X	:	.033	-.133	-.120
CENTROID Y	:	-.214	-.126	.047
POA TO CENTROID in.	:	.217	.183	.129
MIN RADIUS	:	.171	.023	.169
MEAN RADIUS	:	.778	.640	.527
MAX RADIUS	:	1.695	1.386	.775
HORIZONTAL SPREAD	:	2.400	1.461	1.461
VERTICAL SPREAD	:	2.188	2.188	.944
EXTREME SPREAD	:	2.595	2.197	1.466
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3

POR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 0

2in = 7

3in = 10

HS= 2.260

VS= 1.859

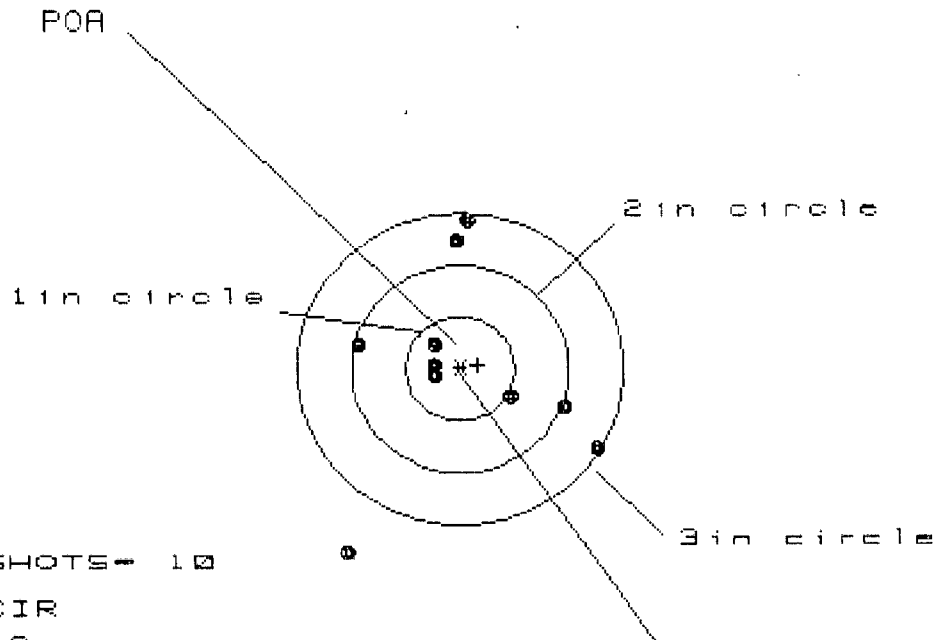
GS= 2.307

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.397
MINIMUM X	-.863
MAXIMUM Y	1.066
MINIMUM Y	-.793
CENTROID X	-.003
CENTROID Y	-.125
POR TO CENTROID in.	.125
MIN RADIUS	.612
MEAN RADIUS	.888
MAX RADIUS	1.410
HORIZONTAL SPREAD	2.260
VERTICAL SPREAD	1.859
EXTREME SPREAD	2.307
NUMBER IN ONE INCH CIRCLE	0
NUMBER IN TWO INCH CIRCLE	7
NUMBER IN THREE INCH CIRCLE	10

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 3

2in = 4

3in = 8

HS= 2.340

VS= 3.107

GS= 3.303

CENTROID *

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.295
MINIMUM X	-1.045
MAXIMUM Y	1.386
MINIMUM Y	-1.721
CENTROID X	-.163
CENTROID Y	-.036
POA TO CENTROID in.	.167
MIN RADIUS	.227
MEAN RADIUS	.955
MAX RADIUS	2.013
HORIZONTAL SPREAD	2.340
VERTICAL SPREAD	3.107
EXTREME SPREAD	3.303
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	8

7 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CG636228

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 10

HS = 2.251

VS = 1.701

GS = 2.558

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.200	.990	.486
MINIMUM X	-1.051	-.918	-.794
MAXIMUM Y	.862	.935	.839
MINIMUM Y	-.839	-.766	-.804
CENTROID X	.015	-.118	-.242
CENTROID Y	-.085	-.158	-.062
POA TO CENTROID in.	.086	.197	.250
MIN RADIUS	.252	.217	.369
MEAN RADIUS	.815	.744	.679
MAX RADIUS	1.368	1.252	.984
HORIZONTAL SPREAD	2.251	1.908	1.280
VERTICAL SPREAD	1.701	1.701	1.643
EXTREME SPREAD	2.558	2.038	1.690
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	