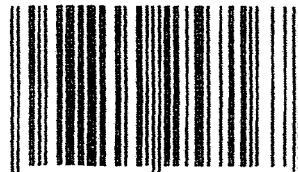


BARBER - M24 0030782

FORM

UPC



0 47700 25716 7

BARREL LENGTH

CAPACITY*

*INCLUDES 1 IN CHAMBER

C6649026

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~0030782~~ M2400030821

MODEL 700 TM M24

ORDER NO.

5716

BARBER - M24 0030784

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6649026

ORDER NO.

5716

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

20



5716 C6649026

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649026

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	9 26 91	RW
600	Proof		9 26 91	RW
607	Check Headspace		9 26 91	RW
610	Dis-assemble Gun		9 2 91	RW
612	Magnaflux Barrel Action		OCT 3 1991	KCR
	Magnaflux Bolt		OCT 3 1991	KCR
615	Rollmark Caliber		OCT 3 1991	GS.
617	Drill and Tap Sight Holes		OCT 4 1991	FB
618	Polish Barrel		OCT 4 1991	WB
620	Apply Coatings (Barrel Action)		10-12-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/18/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/18/91	RW
	C) Inspect Ejector Hole for Chamfer		10/18/91	RW
	D) Oil Firing Pin Ass'y		10/18/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		12/3/91	WB

op. #	BARBER M24 0030786	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4	4	4	12/3/91	WB		
	G) Safety Off Force	2 1/2	2 1/2	2 1/2	12/3/91	WB		
	H) Trigger Pull Test & Retainability				12/3/91	WB		
	I) Firing Pin Indent	.0205	.020	.020	12/3/91	WB		
	J) Assemble Stock				12/4/91	RW		
	K) Assemble Swivel Studs				12-11-91	AC		
	L) Attach Front and Rear Sight Assemblies				12/4/91	RW		
	M) Iron Sight Alignment				12/4/91	RW		
	N) Detach Front & Rear Sights & place in numbered container				12/4/91	RW		
	O) Attach Scope to Rifle				12/4/91	RW		
	P) Detach & Attach Scope 20 Times				12/4/91	RW		
640	Gallery Target & Test				12/4/91	KT		
	A) Time				"	127		
	B) Malfunctions				"	127		
	C) Pierced Primers				"	127		
	D) Optical Clarity of Scope				"	127		
645	Inspect for Live Ammo				12/4/91	127		
655	Final Inspection							
	A) Headspace				12-11-91	AC		
	B) Trigger Pull	252	260	274	273	278	12-5-91	DH
	C) Function						12-11-91	AC
660	Pack						12-11-91	N

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

SERIAL NO. C6649026
DATE 12/3/91
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.30	2.47	252	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.36	2.49	260	
PULL #3	2.38	2.31	2.43	274	
PULL #4	2.44	2.30	2.43	273	
PULL #5	2.37	2.34	2.54	278	
TOTAL	12.01	11.61	12.36		
AVG.	2.40	2.32	2.47		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.02	3.19		
PULL #2	3.04	3.17		
PULL #3	3.11	3.05		
PULL #4	3.00	3.07		
PULL #5	3.09	3.11		
TOTAL	15.26	15.59		
AVG.	3.05	3.12		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.15		4.18
PULL #2	4.21	4.22		4.07
PULL #3	4.37	4.21		4.13
PULL #4	4.33	4.37		4.11
PULL #5	4.40	4.35		4.17
TOTAL	21.60	21.30		20.66
AVG.	4.32	4.26		4.13

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06649826
4 Dec 1991

CENTROIDAL DISTANCES

0 TO 1	.0721734
1 TO 2	.126151
1 TO 3	.179477
1 TO 4	.0639531
1 TO 5	.161645

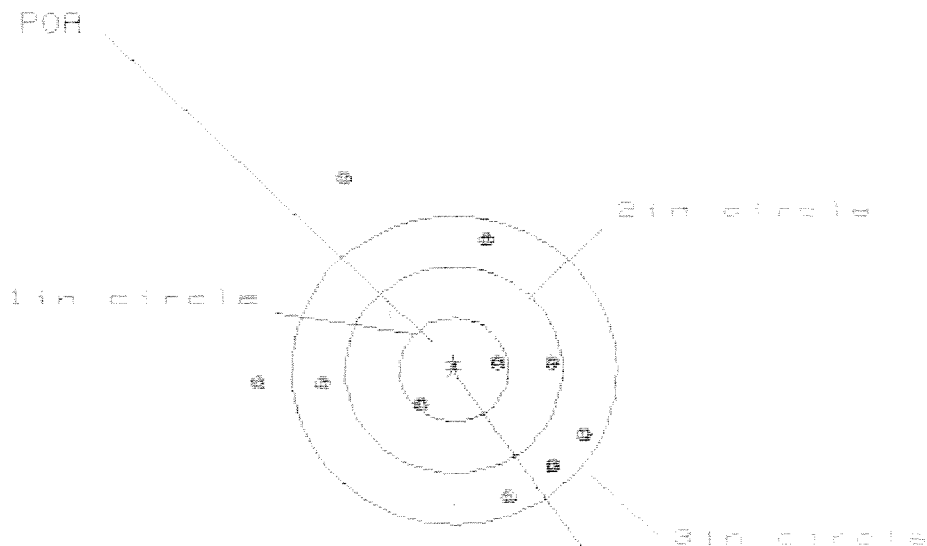
美 ←---POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0496
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1192
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .129108
THE AMR FOR THIS RIFLE IS: 1.107

4 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08649026

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 3

3in = 5

HS= 3.060

VS= 3.071

GS= 3.410

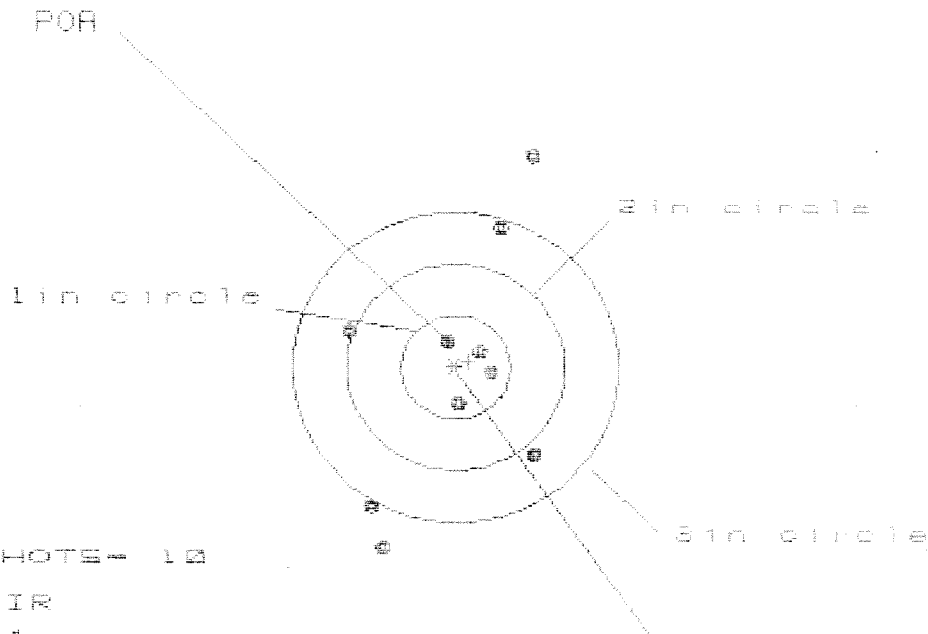
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.235	1.128	.886
MINIMUM X	-1.825	-1.932	-1.545
MAXIMUM Y	1.861	1.459	1.470
MINIMUM Y	-1.210	-1.003	-1.992
CENTROID X	.005	.112	.354
CENTROID Y	-.072	-.279	-.291
POB TO CENTROID in.	.072	.300	.458
MIN RADIUS	.424	.440	.338
MEAN RADIUS	1.217	1.087	.939
MAX RADIUS	2.097	1.934	1.546
HORIZONTAL SPREAD	3.060	3.060	2.431
VERTICAL SPREAD	3.071	2.462	2.462
EXTREME SPREAD	3.410	3.097	2.469
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	8		

4 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8B48028

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 4

2 in = 4

3 in = 7

HS = 1.705

VS = 3.811

GS = 4.048

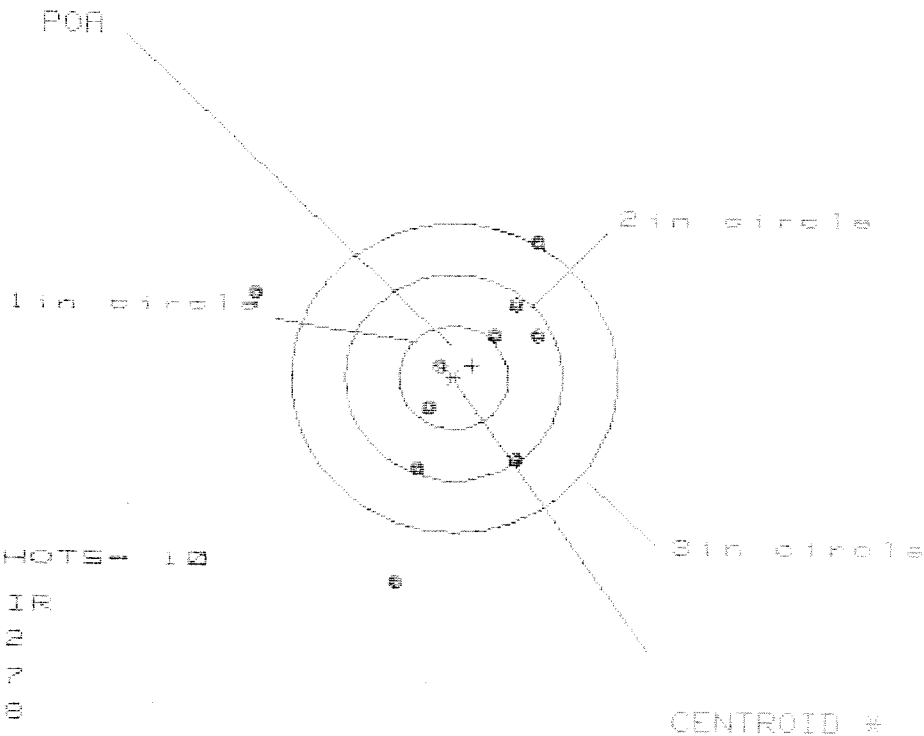
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.765	.845	.775
MINIMUM X	:	-.941	-.860	-.930
MAXIMUM Y	:	2.092	1.579	1.393
MINIMUM Y	:	-1.719	-1.487	-1.294
CENTROID X	:	-.120	-.200	-.130
CENTROID Y	:	-.055	-.287	-.101
POA TO CENTROID in.	:	.131	.350	.165
MIN RADIUS	:	.210	.183	.249
MEAN RADIUS	:	1.030	.912	.787
MAX RADIUS	:	2.214	1.660	1.530
HORIZONTAL SPREAD	:	1.705	1.705	1.705
VERTICAL SPREAD	:	3.811	3.066	2.687
EXTREME SPREAD	:	4.048	3.247	2.967
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

4 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06B45025

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS= 2.634

VS= 3.227

GS= 3.465

CENTROID #

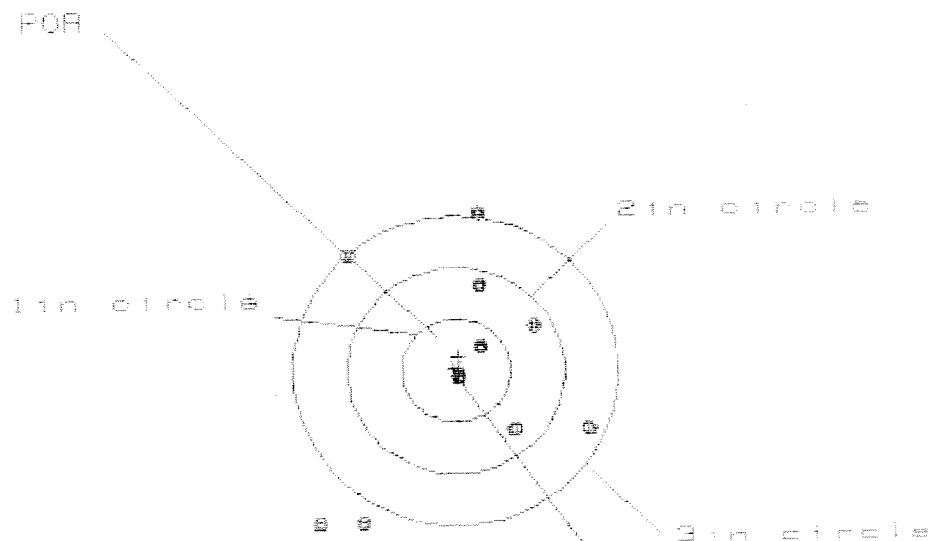
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.773	.566	.479
MINIMUM X	-1.861	-1.696	-1.632
MAXIMUM Y	1.277	1.370	1.138
MINIMUM Y	-1.950	-1.857	-1.993
CENTROID X	-.169	.638	.125
CENTROID Y	-.116	-.209	.023
POA TO CENTROID in.	.205	.213	.127
MIN RADIUS	.215	.431	.294
MEAN RADIUS	1.030	.911	.736
MAX RADIUS	2.040	1.983	1.235
HORIZONTAL SPREAD	2.634	1.262	1.111
VERTICAL SPREAD	3.227	3.227	2.131
EXTREME SPREAD	3.465	3.465	2.403
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

4 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08649026

CENTERFIRE PATTERNS

4



OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 7

HS = 2.528

VS = 3.052

GS = 3.403

CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.220	1.075	.950
MINIMUM X	-1.308	-1.009	-1.214
MAXIMUM Y	1.562	1.396	1.197
MINIMUM Y	-1.490	-1.597	-1.967
CENTROID X	-.024	.121	.246
CENTROID Y	-.129	.037	.237
POA TO CENTROID in.	.131	.127	.341
MIN RADIUS	.059	.100	.170
MEAN RADIUS	1.091	.952	.820
MAX RADIUS	1.983	1.881	1.410
HORIZONTAL SPREAD	2.528	2.164	2.164
VERTICAL SPREAD	3.052	2.993	2.163
EXTREME SPREAD	3.403	3.171	2.743
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

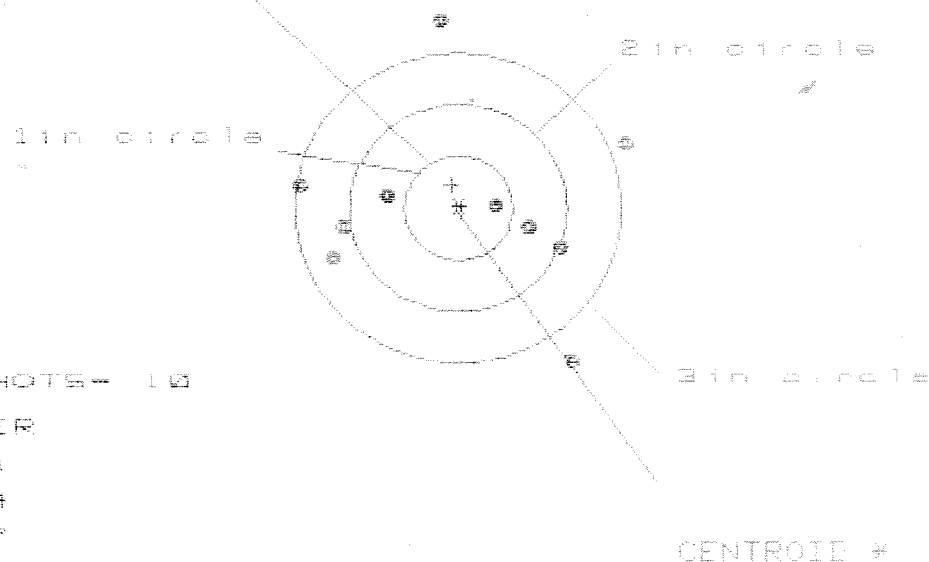
4 Dec 1991

FILE: PATTERNING/CENTERFIRE_PATT/C5543026

CENTERFIRE PATTERNS

5

FOR



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 7

HS= 2.929

VS= 3.239

CS= 3.457

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.500	1.481	1.687
MINIMUM X	-1.429	-1.448	-1.322
MAXIMUM Y	1.803	.851	.696
MINIMUM Y	-1.436	-1.236	-.474
CENTROID X	.060	.079	-.047
CENTROID Y	-.224	-.424	-.269
FOR TO CENTROID in.	.232	.431	.274
MIN RADIUS	.360	.391	.469
MEAN RADIUS	1.167	1.083	1.009
MAX RADIUS	1.811	1.708	1.752
HORIZONTAL SPREAD	2.929	2.929	2.929
VERTICAL SPREAD	3.239	2.087	1.170
EXTREME SPREAD	3.457	2.963	2.962
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		