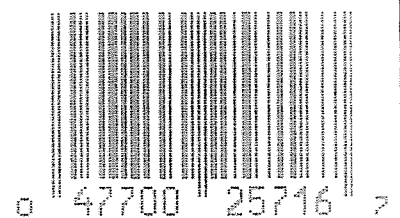


BARBER - M24 0101800

Small
©

Small
©

UPC



06665727

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~0101800~~ 0101839

BARBER - M24 0101801

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

BARBER - M24 0101802

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665727

ORDER NO.

5716

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

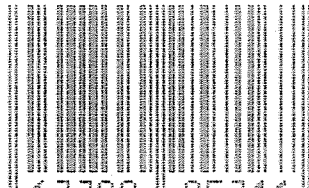


5716 C6665727

ORDER 5716

MODEL 700 TM M24

UPC

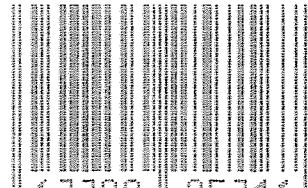


0 47700 25716 7

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6665727*

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1	91	<i>RW</i>
600	Proof	10 1	91	<i>RW</i>
607	Check Headspace	10 1	91	<i>RW</i>
610	Dis-assemble Gun	10 1	91	<i>RW</i>
612	Magnaflux Barrel Action	OCT	4 1991	KR
	Magnaflux Bolt	OCT	4 1991	KR
615	Rollmark Caliber	OCT	4 1991	<i>LS.</i>
617	Drill and Tap Sight Holes	OCT	4 1991	<i>LB</i>
618	Polish Barrel		10/8/91	<i>LB</i>
620	Apply Coatings (Barrel Action)		10-22-91	<i>LB</i>
	Apply Coating (Bolt)		10-22-91	<i>LB</i>
625	Final Assembly A) Clean inside of Bolt Assembly		10/22/91	<i>RW</i>
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/91	<i>RW</i>
	C) Inspect Ejector Hole for Chamfer		10/23/91	<i>RW</i>
	D) Oil Firing Pin Ass'y		10/23/91	<i>RW</i>
	E) Adjust Trigger Pull to Min Setting and Stake		11/24/91	<i>JS</i>

BARBER - M24 0101804		READINGS					DATE	INIT
op. #	OP. NAME							
625 cont.	F) Safety On Force	4	4	4			10/24/91	94
	G) Safety Off Force	3	3	3			10/24/91	94
	H) Trigger Pull Test & Retainability						10/24/91	94
	I) Firing Pin Indent	1022	1022	1022			10/24/91	94
	J) Assemble Stock						10/25/91	RW
	K) Assemble Swivel Studs						10-30-91	AC
	L) Attach Front and Rear Sight Assemblies						10/25/91	RW
	M) Iron Sight Alignment						10/25/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/25/91	RW
	O) Attach Scope to Rifle						10/25/91	RW
	P) Detach & Attach Scope 20 Times						10/25/91	RW
640	Gallery Target & Test						10/25/91	14
	A) Time							14
	B) Malfunctions							14
	C) Pierced Primers							14
	D) Optical Clarity of Scope							14
645	Inspect for Live Ammo						10/25/91	14
655	Final Inspection						30	A
	A) Headspace						10-30-91	
	B) Trigger Pull	275	281	282	288	298	10-30-91	14
	C) Function						10-30-91	AC
660	Pack						12-17-91	14

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO 0-6665727

DATE 10/24/91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.36	2.40	2.75	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.36	2.35	2.45	2.81	
PULL #3	2.38	2.37	2.50	2.88	
PULL #4	2.41	2.45	2.43	2.82	
PULL #5	2.36	2.39	2.40	2.98	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.43		
PULL #2	3.44	3.40		
PULL #3	3.38	3.41		
PULL #4	3.35	3.38		
PULL #5	3.30	3.38		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.41	4.41		4.69
PULL #2	4.29	4.50		4.14
PULL #3	4.31	4.47		4.43
PULL #4	4.29	4.54		4.32
PULL #5	4.40	4.50		4.42
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665727
25 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.181463
1 TO	2	.141824
1 TO	3	.208062
1 TO	4	.0796492
1 TO	5	.0850529

32 <----POA

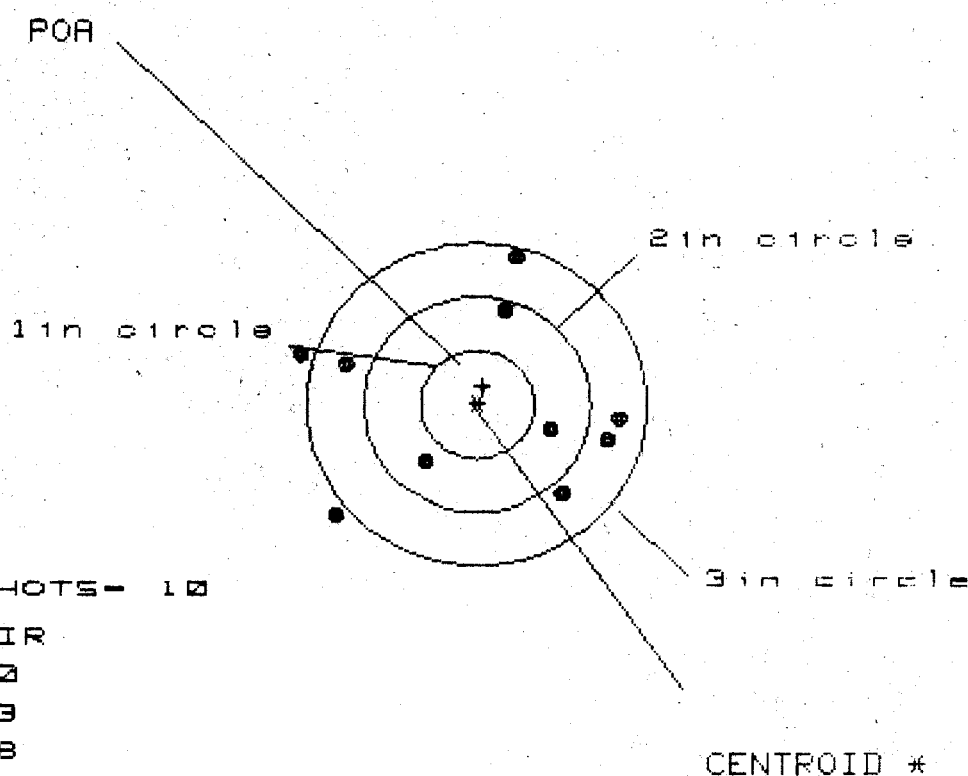
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0598
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.14
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .152237

THE AMR FOR THIS RIFLE IS: 1.12

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CGB65727

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 0

2in = 3

3in = 8

HS= 2.785

VS= 2.415

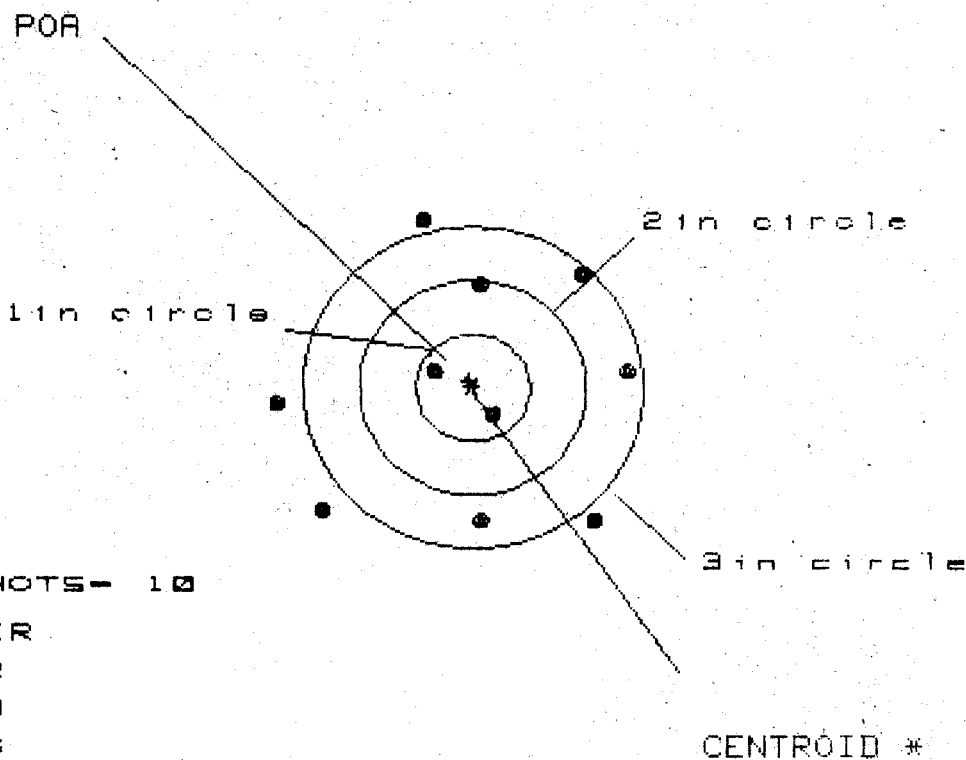
GS= 2.872

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.261	1.091	.919
MINIMUM X	:	-1.524	-1.383	-1.512
MAXIMUM Y	:	1.399	1.447	1.326
MINIMUM Y	:	-1.016	-.968	-.864
CENTROID X	:	-.048	.122	.294
CENTROID Y	:	-.175	-.223	-.102
POA TO CENTROID in.	:	.182	.254	.312
MIN RADIUS	:	.668	.499	.441
MEAN RADIUS	:	1.160	1.084	.982
MAX RADIUS	:	1.584	1.688	1.545
HORIZONTAL SPREAD	:	2.785	2.474	2.431
VERTICAL SPREAD	:	2.415	2.415	2.190
EXTREME SPREAD	:	2.872	2.872	2.488
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B65727

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 3

3in = 6

HS= 3.079

VS= 2.807

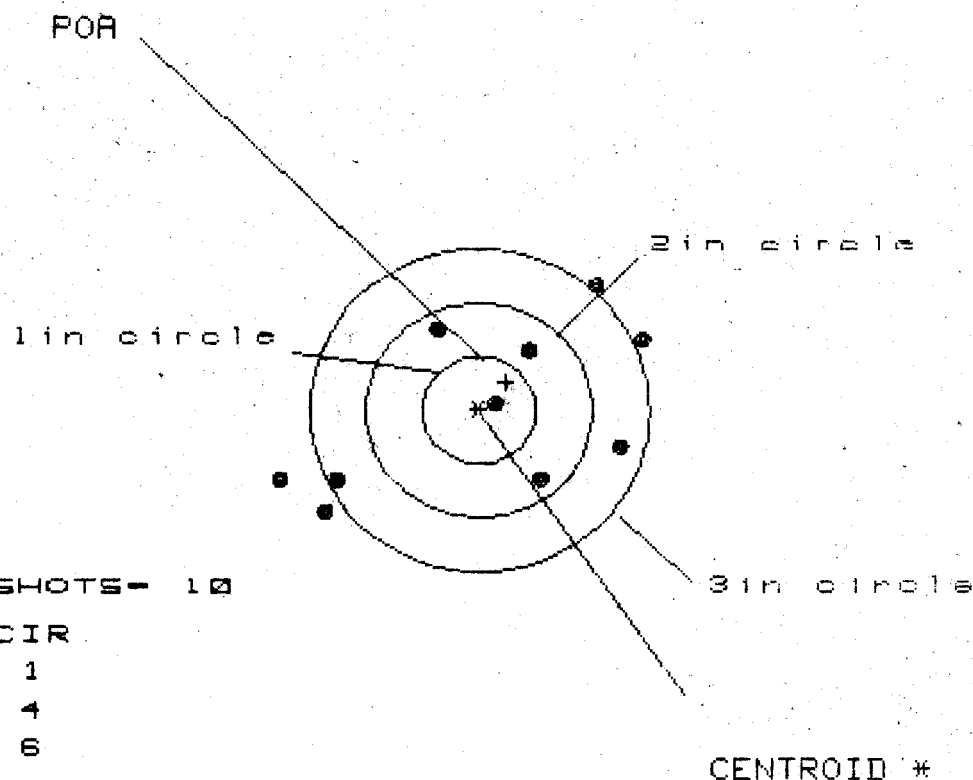
GS= 3.158

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.365	1.175	.989
MINIMUM X	:	-1.714	-1.485	-.768
MAXIMUM Y	:	1.551	1.540	1.400
MINIMUM Y	:	-1.256	-1.267	-1.407
CENTROID X	:	.035	.225	.411
CENTROID Y	:	-.060	-.049	.091
POA TO CENTROID in.	:	.069	.230	.421
MIN RADIUS	:	.327	.297	.487
MEAN RADIUS	:	1.232	1.170	1.082
MAX RADIUS	:	1.716	1.862	1.597
HORIZONTAL SPREAD	:	3.079	2.660	1.757
VERTICAL SPREAD	:	2.807	2.807	2.807
EXTREME SPREAD	:	3.158	3.158	3.158
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	3		
NUMBER IN THREE INCH CIRCLE =	:	6		

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665727

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 6

HS= 3.204

VS= 2.038

GS= 3.450

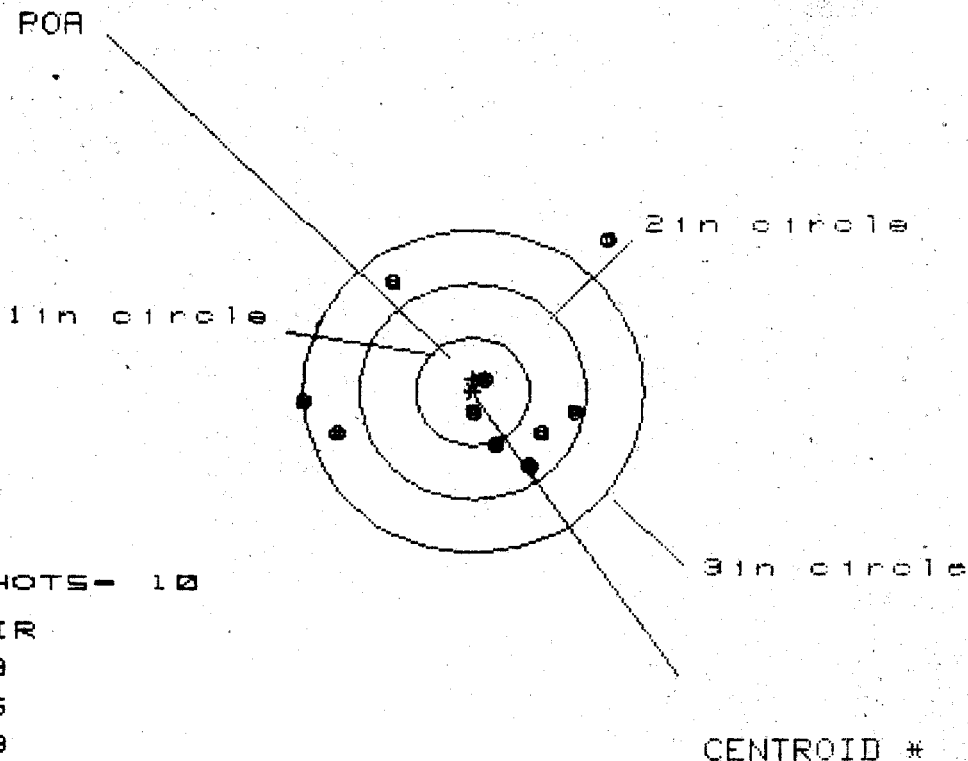
PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.415	1.216	1.024
MINIMUM X	:	-1.789	-1.536	-1.610
MAXIMUM Y	:	1.133	1.061	.938
MINIMUM Y	:	-.905	-.977	-.882
CENTROID X	:	-.237	-.038	.154
CENTROID Y	:	-.262	-.190	-.067
POA TO CENTROID in.	:	.353	.193	.168
MIN RADIUS	:	.175	.045	.261
MEAN RADIUS	:	1.179	1.052	.937
MAX RADIUS	:	1.905	1.821	1.799
HORIZONTAL SPREAD	:	3.204	2.752	2.634
VERTICAL SPREAD	:	2.038	2.038	1.820
EXTREME SPREAD	:	3.450	3.149	2.908
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

25 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6665727

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.632

VS= 2.082

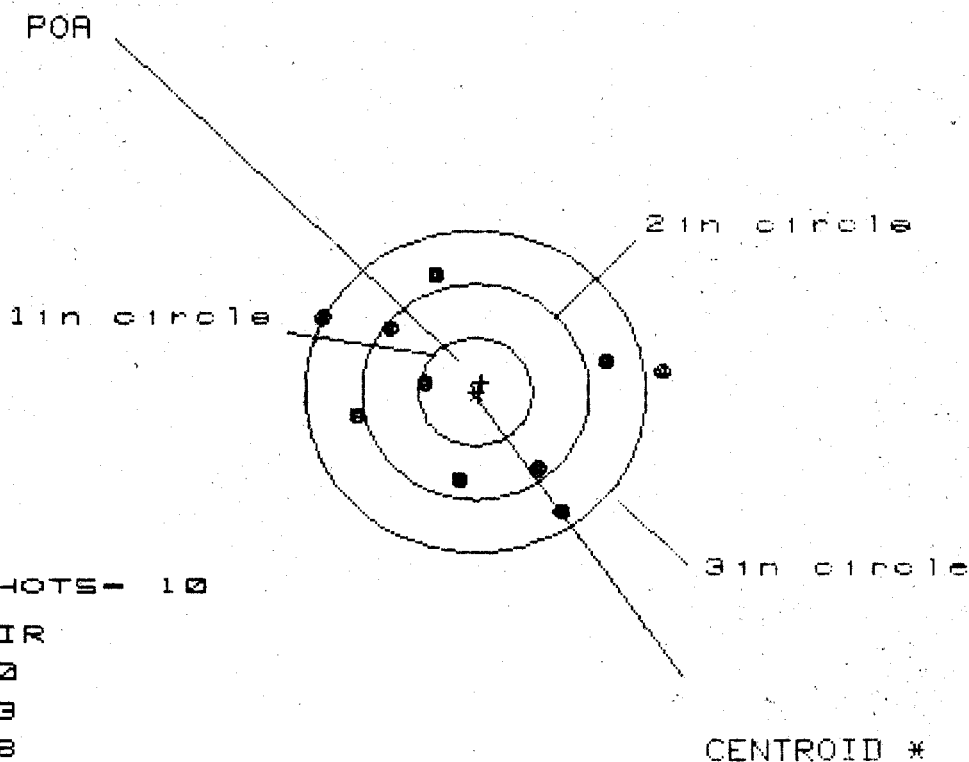
GS= 3.032

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.155	1.062	.893
MINIMUM X	:	-1.477	-1.349	-1.275
MAXIMUM Y	:	1.400	1.145	1.151
MINIMUM Y	:	-.682	-.526	-.520
CENTROID X	:	.002	-.126	.043
CENTROID Y	:	-.113	-.269	-.275
POA TO CENTROID in.	:	.113	.297	.278
MIN RADIUS	:	.113	.091	.089
MEAN RADIUS	:	.912	.804	.689
MAX RADIUS	:	1.815	1.350	1.358
HORIZONTAL SPREAD	:	2.632	2.411	2.168
VERTICAL SPREAD	:	2.082	1.671	1.671
EXTREME SPREAD	:	3.032	2.414	2.177
NUMBER IN ONE INCH CIRCLE =	:	3		
NUMBER IN TWO INCH CIRCLE =	:	6		
NUMBER IN THREE INCH CIRCLE =	:	9		

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06685727

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 8

HS= 2.982

VS= 2.212

GS= 3.027

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.649	1.354	1.211
MINIMUM X	:	-1.333	-1.150	-.995
MAXIMUM Y	:	1.099	1.117	1.206
MINIMUM Y	:	-1.113	-1.095	-1.006
CENTROID X	:	-.051	-.234	-.091
CENTROID Y	:	-.090	-.109	-.198
POA TO CENTROID in.	:	.104	.259	.218
MIN RADIUS	:	.500	.324	.488
MEAN RADIUS	:	1.116	1.023	.987
MAX RADIUS	:	1.658	1.446	1.286
HORIZONTAL SPREAD	:	2.982	2.504	2.196
VERTICAL SPREAD	:	2.212	2.212	2.212
EXTREME SPREAD	:	3.027	2.763	2.482
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=			8