

FORM

UPC



0 47700 25716 7

C6649024

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

MODEL 700 TM M24

ORDER NO.

5716

Remington



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

MODEL 700TM M24

SERIAL NO.

C6649024

ORDER NO.

5716

20

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



5716 C6649024

ORDER 5716

MODEL 700TM M24

UPC

ORDER 5716

MODEL 700TM M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649024

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	9 1	RW
600	Proof	9 26	9 1	RW
607	Check Headspace	9 26	9 1	RW
610	Dis-assemble Gun	9 26	9 1	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	LB
618	Polish Barrel	OCT	4 1991	WB
620	Apply Coatings (Barrel Action)		10/18/91	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		11-26-91	JA

Op. #	Op. Name	Readings					Date	Init.
625 cont.	F) Safety On Force	4	4	4			11-26-91	JS
	G) Safety Off Force	3	3	3			11-26-91	JS
	H) Trigger Pull Test & Retainability						11-26-91	JS
	I) Firing Pin Indent	10215	1021	1021			11-26-91	JS
	J) Assemble Stock						12/2/91	RW
	K) Assemble Swivel Studs						12-12-91	JS
	L) Attach Front and Rear Sight Assemblies						12/2/91	RW
	M) Iron Sight Alignment						12/2/91	RW
	N) Detach Front & Rear Sights & place in numbered container						12/2/91	RW
	O) Attach Scope to Rifle						12/2/91	RW
	P) Detach & Attach Scope 20 Times						12/2/91	RW
640	Gallery Target & Test						12-2-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						12-2-91	NF
655	Final Inspection							
	A) Headspace						12-12-91	JS
	B) Trigger Pull	2.39	2.36	2.50	2.20	2.48	12-12-91	AC
	C) Function						12-12-91	JS
660	Pack						12-18-91	NF

TEST INIT. ACTION TO CORRECT

ASSEM.

#

PROOF	100 Rcl's test OK 12-12-91	
TEST AC		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

MOD. _____		GA. CAL. _____	GUN # <u>9024</u>
# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st		
<i>VF</i>	<i>12/2</i>	<i>Shaven Brass</i>	<i>RW</i>
	2nd		
	<i>12/11/91</i>	<i>Repaired KA</i>	
	3rd		
		<i>100 Rd's OK 12-12-91 AC</i>	
	4th		
		FUNCTION	RD 6654 Rev 1

CENTROIDAL DISTANCE CALCULATIONS

FOR RIFLE # C6649024

2 Dec 1991

CENTROIDAL DISTANCES

0 TO	1	.198595
1 TO	2	.369177
1 TO	3	.350203
1 TO	4	.137539
1 TO	5	.394635

$\frac{2}{48}$

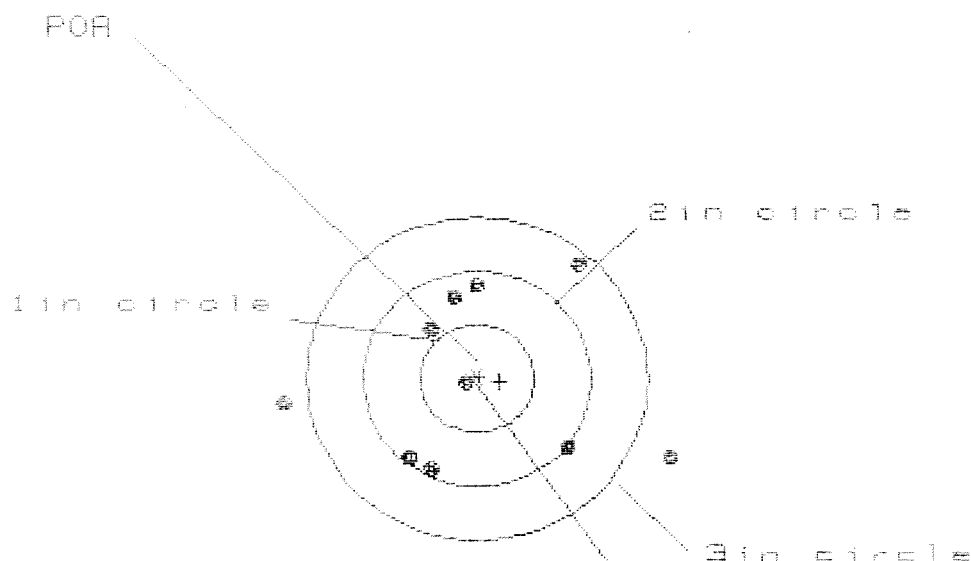
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .01
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .044
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0451221
THE AMR FOR THIS RIFLE IS: .969

2 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649024

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 8

HS= 3.422

VS= 1.985

GS= 3.453

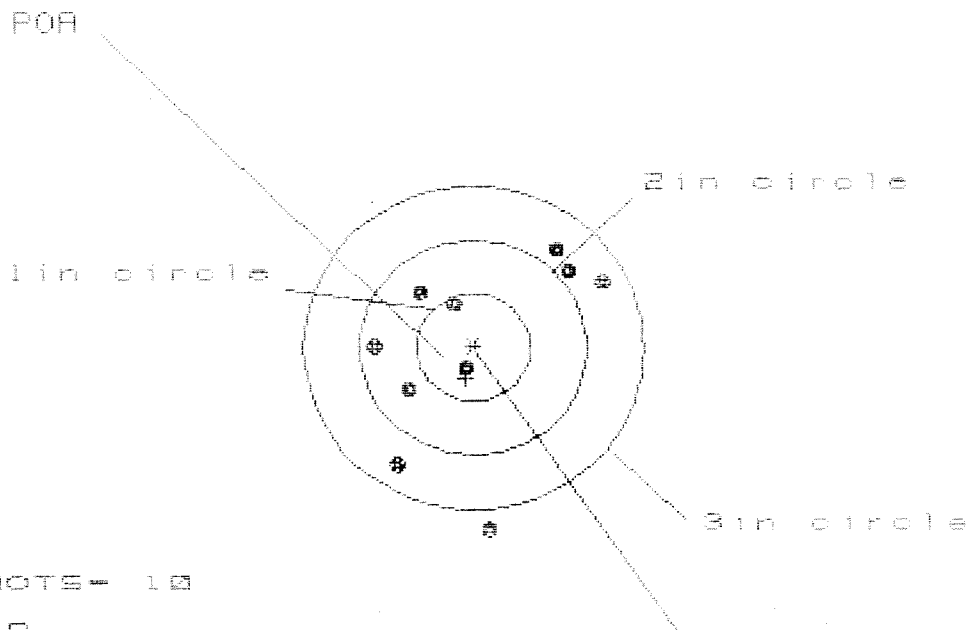
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.715	1.129	.940
MINIMUM X	:	-1.707	-1.516	-.586
MAXIMUM Y	:	1.113	1.036	.999
MINIMUM Y	:	-.872	-.949	-.986
CENTROID X	:	-.196	-.387	-.197
CENTROID Y	:	.032	.109	.146
POA TO CENTROID in.	:	.199	.402	.246
MIN RADIUS	:	.138	.161	.218
MEAN RADIUS	:	1.032	.915	.840
MAX RADIUS	:	1.849	1.546	1.371
HORIZONTAL SPREAD	:	3.422	2.645	1.525
VERTICAL SPREAD	:	1.985	1.985	1.985
EXTREME SPREAD	:	3.453	2.964	2.385
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

2 Dec 1931

FILE:/PATTERNING/CENTERFIRE_PATT/06649024

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 3

HS= 1.951

VS= 2.684

GS= 2.747

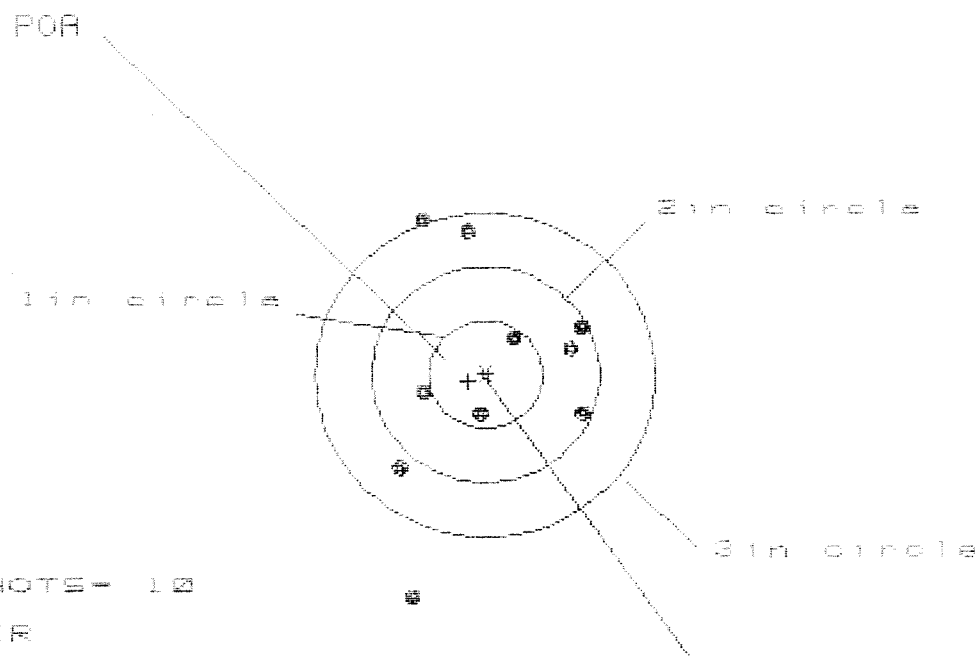
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.090	1.106	.993
MINIMUM X	:	-.871	-.855	-.717
MAXIMUM Y	:	.956	.764	.818
MINIMUM Y	:	-1.728	-1.262	-1.208
CENTROID X	:	.070	.054	-.084
CENTROID Y	:	.288	.480	.426
POA TO CENTROID in.	:	.296	.483	.434
MIN RADIUS	:	.165	.293	.299
MEAN RADIUS	:	.950	.843	.777
MAX RADIUS	:	1.734	1.400	1.295
HORIZONTAL SPREAD	:	1.961	1.961	1.710
VERTICAL SPREAD	:	2.684	2.026	2.026
EXTREME SPREAD	:	2.747	2.436	2.436
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

2 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08645024

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 1.672

VS= 3.526

GS= 3.527

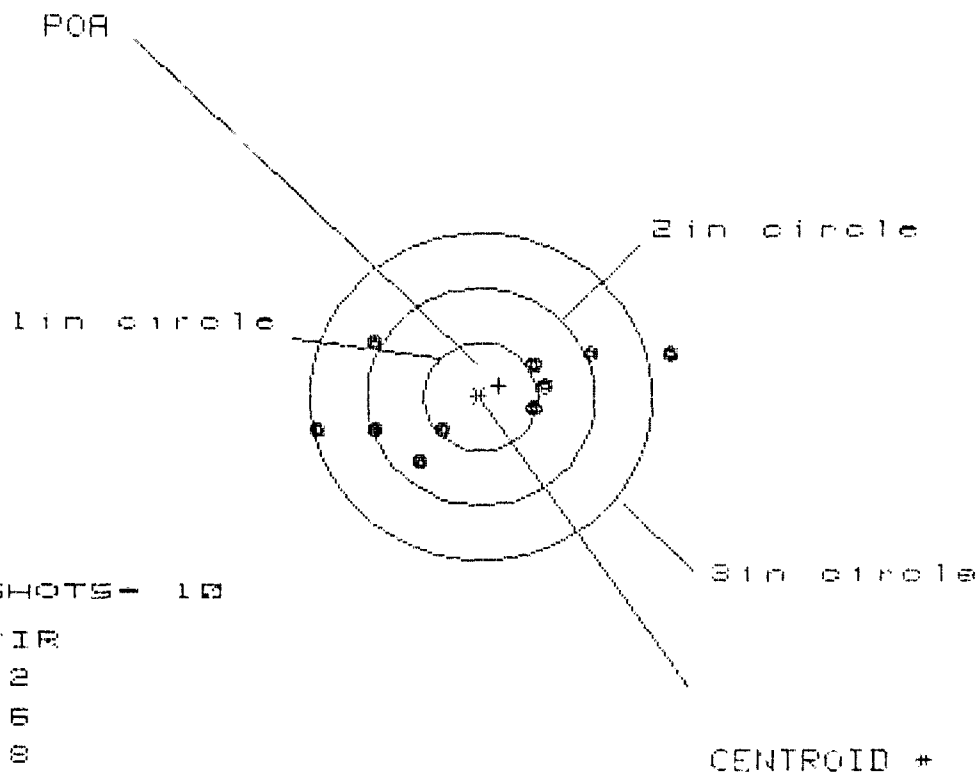
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.885	.817	.742
MINIMUM X	:	-.787	-.855	-.930
MAXIMUM Y	:	1.457	1.227	1.237
MINIMUM Y	:	-2.069	-1.128	-.974
CENTROID X	:	.153	.221	.296
CENTROID Y	:	.061	.291	.138
POA TO CENTROID in.	:	.165	.366	.326
MIN RADIUS	:	.331	.243	.312
MEAN RADIUS	:	1.034	.888	.888
MAX RADIUS	:	2.158	1.416	1.347
HORIZONTAL SPREAD	:	1.672	1.672	1.672
VERTICAL SPREAD	:	3.526	2.355	2.211
EXTREME SPREAD	:	3.527	2.369	2.288
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

2 Dec 1991

FILE: \PATTERNING\CENTERFIRE_PATT\CS649024

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 3.166

VS= 1.124

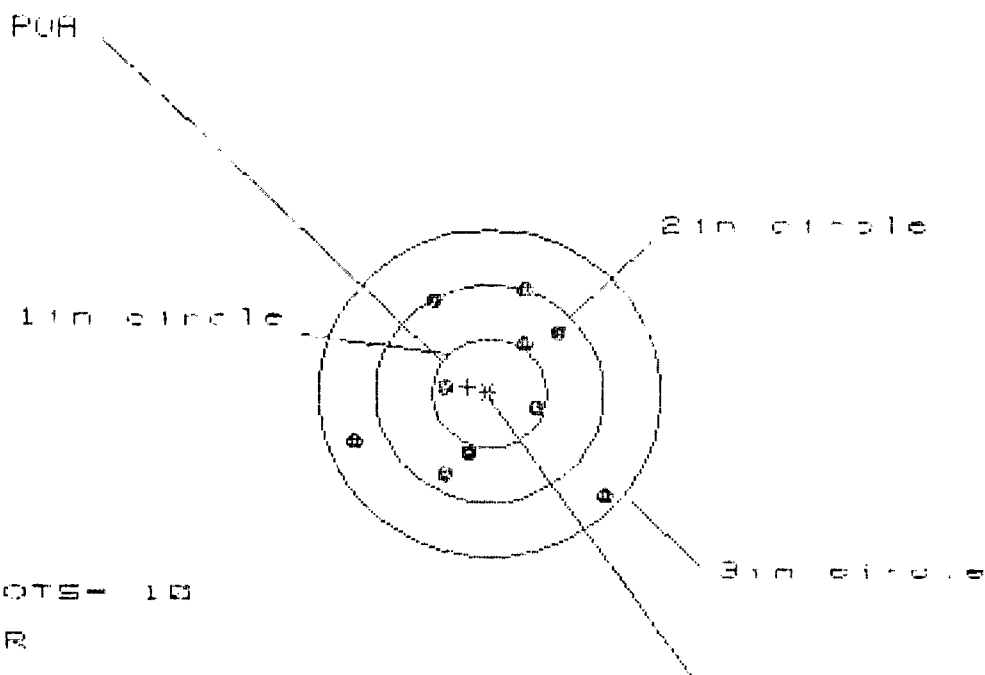
GS= 3.244

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.698	1.181	1.021
MINIMUM X	:	-1.468	-1.280	-.879
MAXIMUM Y	:	.479	.523	.488
MINIMUM Y	:	-.645	-.601	-.636
CENTROID X	:	-.165	-.353	-.193
CENTROID Y	:	-.102	-.146	-.111
POA TO CENTROID in.	:	.194	.382	.223
MIN RADIUS	:	.488	.261	.382
MEAN RADIUS	:	.911	.812	.735
MAX RADIUS	:	1.742	1.309	1.115
HORIZONTAL SPREAD	:	3.166	2.461	1.900
VERTICAL SPREAD	:	1.124	1.124	1.124
EXTREME SPREAD	:	3.244	2.575	2.4
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

Dec 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6849024

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 2.215

VS= 1.848

GS= 2.341

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.993	.742	.603
MINIMUM X	:	-1.222	-1.112	-1.044
MAXIMUM Y	:	.918	.814	.741
MINIMUM Y	:	-.930	-.829	-.701
CENTROID X	:	.188	.078	.217
CENTROID Y	:	-.059	.045	.110
POA TO CENTROID in.	:	.197	.090	.247
MIN RADIUS	:	.371	.252	.362
MEAN RADIUS	:	.819	.750	.669
MAX RADIUS	:	1.360	1.259	.976
HORIZONTAL SPREAD	:	2.215	1.854	1.141
VERTICAL SPREAD	:	1.848	1.642	1.042
EXTREME SPREAD	:	2.341	2.165	1.710
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C-6649024

DATE 11-26-91

TESTER JCL.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.37	2.20	2.39	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.46	2.33	2.36	
PULL #3	2.41	2.41	2.48	2.50	
PULL #4	2.38	2.51	2.44	2.20	
PULL #5	2.48	2.28	2.46	2.48	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	3.51		
PULL #2	3.33	3.53		
PULL #3	3.43	3.49		
PULL #4	3.33	3.56		
PULL #5	3.41	3.42		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.33		4.49
PULL #2	4.54	4.45		4.52
PULL #3	4.60	4.57		4.49
PULL #4	4.52	4.20		4.57
PULL #5	4.58	4.50		4.46
TOTAL				
AVG.				