

FORM

UPC



0 47700 25716 7

C6565908

*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 700 TM M24

SERIAL NO.
C6665908

20

ORDER NO.
5716

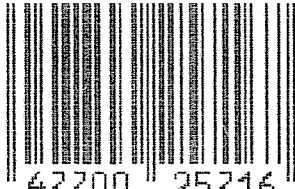
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.



5716 C6665908

ORDER 5716
MODEL 700 TM M24

UPC



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ORDER 5716
MODEL 700 TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665908

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	9/23/91	KL
600	Proof		9/23/91	KL
607	Check Headspace		9/23/91	KL
610	Dis-assemble Gun		9/23/91	KL
612	Magnaflux Barrel Action		SEP 30 1991	KR
	Magnaflux Bolt		SEP 30 1991	KR
615	Rollmark Caliber		SEP 30 1991	JS
617	Drill and Tap Sight Holes		SEP 30 1991	KB
618	Polish Barrel		OCT 2 1991	WB
620	Apply Coatings (Barrel Action)		10/2/91	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/8/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/91	KL
	C) Inspect Ejector Hole for Chamfer		10/8/91	KL
	D) Oil Firing Pin Ass'y		10/8/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		10/9/91	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			10/14/91	SH
	G) Safety Off Force	3	3	3			10/14/91	SH
	H) Trigger Pull Test & Retainability						10/9/91	SH
	I) Firing Pin Indent	.022	.021	.022			10/14/91	SH
	J) Assemble Stock						10/14/91	SH
	K) Assemble Swivel Studs						10-17-91	AC
	L) Attach Front and Rear Sight Assemblies						10/14/91	SH
	M) Iron Sight Alignment						10/14/91	SH
	N) Detach Front & Rear Sights & place in numbered container						10/14/91	SH
	O) Attach Scope to Rifle						10/14/91	SH
	P) Detach & Attach Scope 20 Times						10/14/91	SH
640	Gallery Target & Test						10-15-91	AC
	A) Time						10-15-91	AC
	B) Malfunctions						10-15-91	AC
	C) Pierced Primers						10-15-91	AC
	D) Optical Clarity of Scope						10-15-91	AC
645	Inspect for Live Ammo						10-15-91	AC
655	Final Inspection							
	A) Headspace						10-17-91	AC
	B) Trigger Pull	231	229	234	230	234	10-15-91	SH
	C) Function						10-17-91	AC
660	Pack						12-20-91	N

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6665908
DATE 10-9-91
TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.68	2.27	2.33	231	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.67	2.28	2.38	229	
PULL #3	2.68	2.46	2.28	234	
PULL #4	2.69	2.35	2.38	230	
PULL #5	2.30	2.42	2.40	234	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	3.51		
PULL #2	3.25	3.44		
PULL #3	3.24	3.55		
PULL #4	3.24	3.51		
PULL #5	3.21	3.49		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.46		4.46
PULL #2	4.33	4.45		4.44
PULL #3	4.46	4.37		4.44
PULL #4	4.45	4.47		4.45
PULL #5	4.47	4.45		4.46
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665908
15 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.278111
1 TO	2	.267268
1 TO	3	.211116
1 TO	4	.291741
1 TO	5	.437723

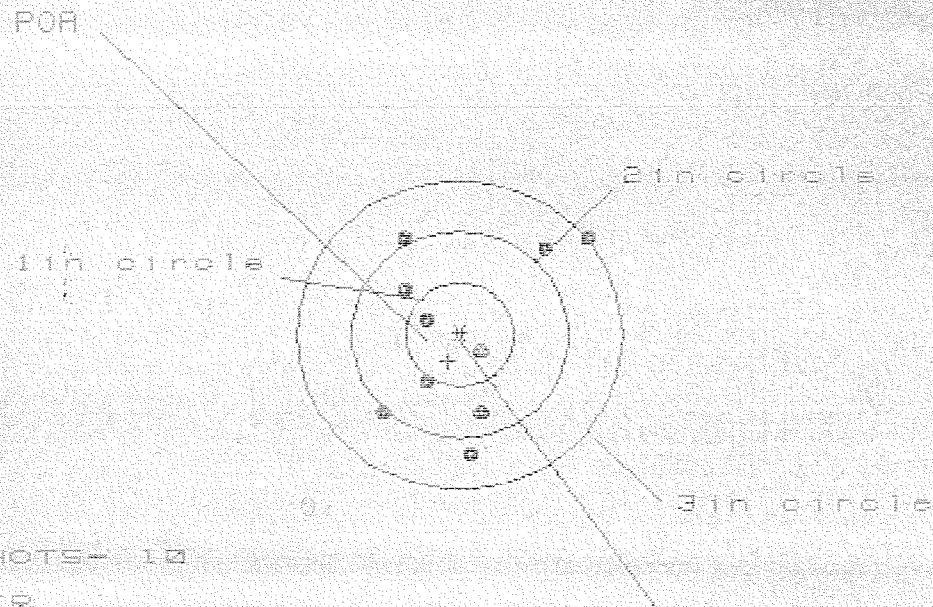
48 <---POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2046
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0582
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .212717
THE AMR FOR THIS RIFLE IS: .8134

15 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C66A5388

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 1.877

VS= 2.096

GS= 2.524

CENTROID #

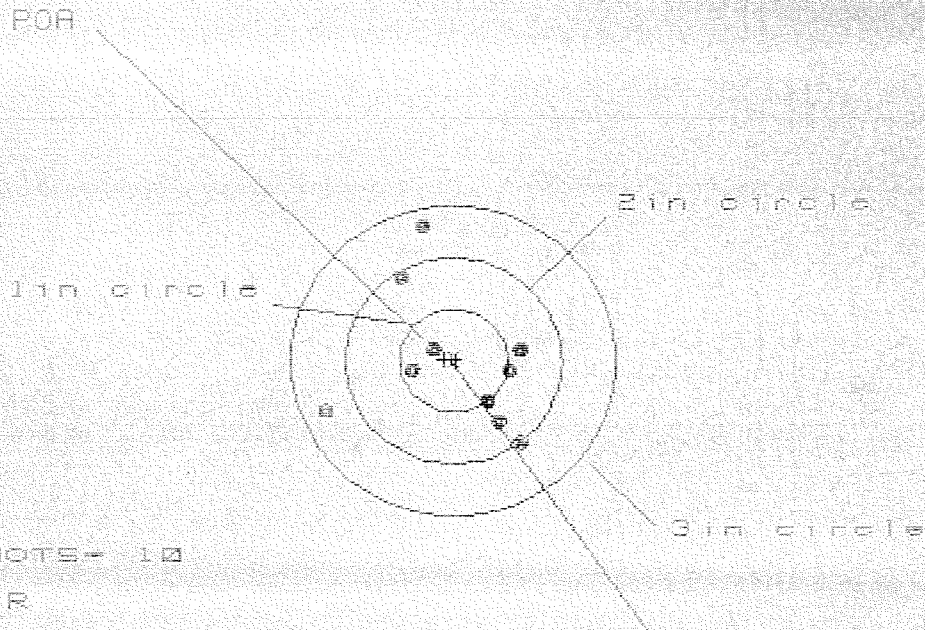
PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.159	.876	.984
MINIMUM X	:	-.718	-.589	-.561
MAXIMUM Y	:	.955	1.059	.929
MINIMUM Y	:	-1.141	-1.035	-.795
CENTROID X	:	.111	-.018	-.046
CENTROID Y	:	.255	.149	.279
POA TO CENTROID in.	:	.278	.158	.283
MIN RADIUS	:	.286	.277	.169
MEAN RADIUS	:	.853	.754	.711
MAX RADIUS	:	1.502	1.288	1.217
HORIZONTAL SPREAD	:	1.877	1.465	1.465
VERTICAL SPREAD	:	2.096	2.094	1.724
EXTREME SPREAD	:	2.524	2.179	2.149
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

15 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8B85908

CENTERFIRE PATTERNS

2



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.772

VS= 2.142

GS= 2.310

CENTROID *

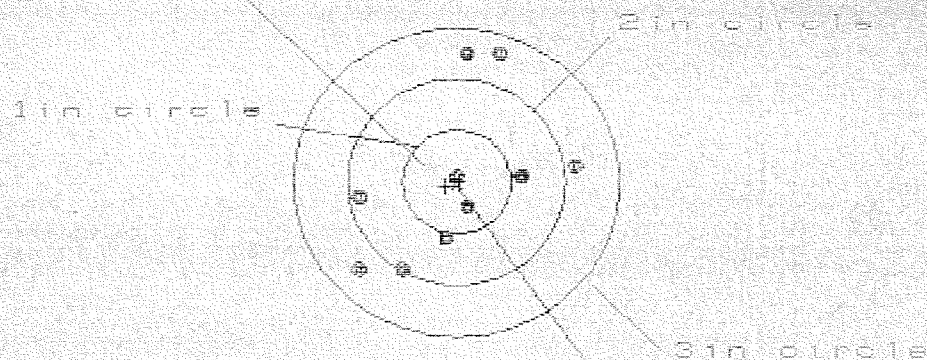
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.611	.583	.434
MINIMUM X	:	-1.161	-1.189	-.659
MAXIMUM Y	:	1.315	.992	.952
MINIMUM Y	:	-.827	-.681	-.721
CENTROID X	:	.085	.113	.262
CENTROID Y	:	-.011	-.157	-.117
POA TO CENTROID in.	:	.086	.194	.287
MIN RADIUS	:	.215	.346	.326
MEAN RADIUS	:	.754	.676	.579
MAX RADIUS	:	1.340	1.232	1.158
HORIZONTAL SPREAD	:	1.772	1.772	1.093
VERTICAL SPREAD	:	2.142	1.673	1.673
EXTREME SPREAD	:	2.310	1.998	1.998
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

15 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/05665909

CENTERFIRE PATTERNS # 3

POA



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 1.943

VS= 2.099

GS= 2.430

CENTROID +

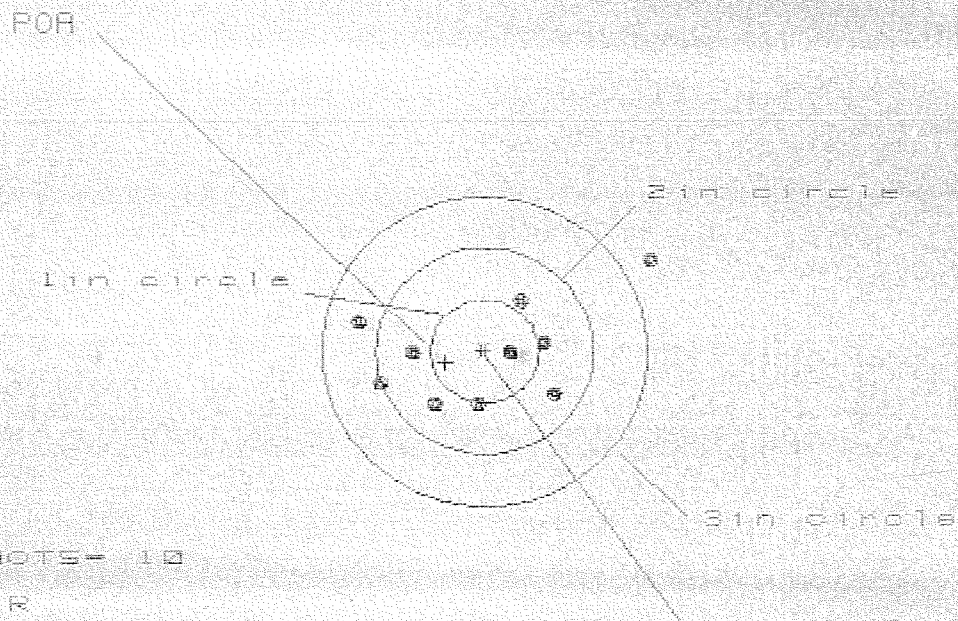
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.068	1.115	1.132
MINIMUM X	:	-.875	-.827	-.810
MAXIMUM Y	:	1.230	1.347	1.447
MINIMUM Y	:	-.869	-.732	-.564
CENTROID X	:	.104	.056	.039
CENTROID Y	:	.044	-.093	-.261
POA TO CENTROID in.	:	.113	.108	.264
MIN RADIUS	:	.062	.195	.177
MEAN RADIUS	:	.815	.745	.650
MAX RADIUS	:	1.304	1.353	1.217
HORIZONTAL SPREAD	:	1.943	1.943	1.943
VERTICAL SPREAD	:	2.099	2.079	1.811
EXTREME SPREAD	:	2.430	2.243	2.164
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

15 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CG665900

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.719

VS= 1.423

GS= 2.791

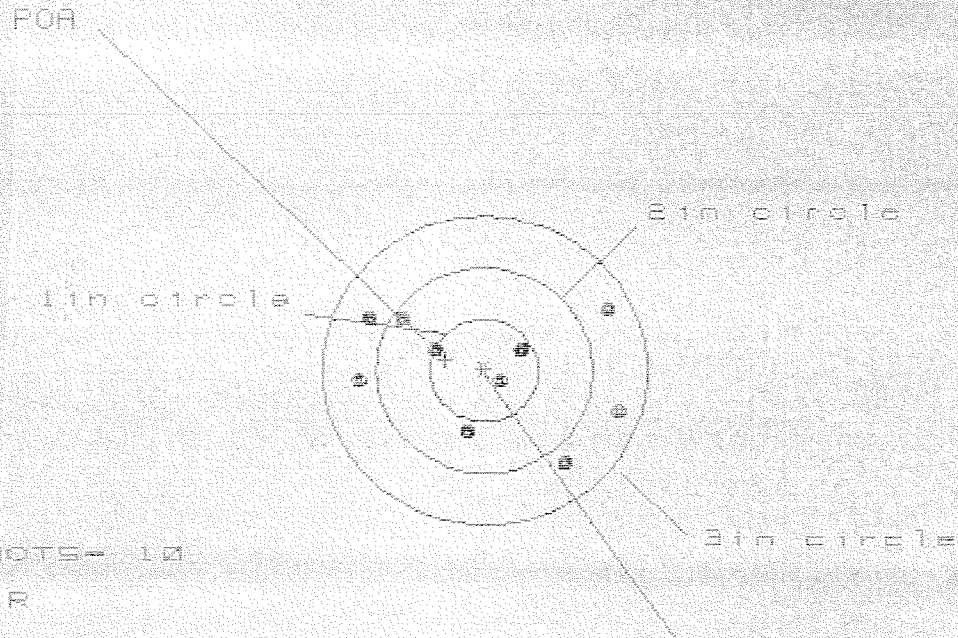
CENTROID X

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.520	.791	.662
MINIMUM X	:	-1.199	-1.030	-.925
MAXIMUM Y	:	.899	.583	.629
MINIMUM Y	:	-.524	-.424	-.378
CENTROID X	:	.363	.194	.323
CENTROID Y	:	.108	.008	-.038
POA TO CENTROID in.	:	.379	.194	.325
MIN RADIUS	:	.282	.391	.324
MEAN RADIUS	:	.796	.677	.606
MAX RADIUS	:	1.766	1.095	.933
HORIZONTAL SPREAD	:	2.719	1.821	1.587
VERTICAL SPREAD	:	1.423	1.007	1.007
EXTREME SPREAD	:	2.791	1.943	1.593
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

15 Oct 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 10

HS= 2.374

VS= 1.437

GS= 2.471

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.225	1.232	.981
MINIMUM X	:	-1.149	-1.013	-.859
MAXIMUM Y	:	.577	.539	.551
MINIMUM Y	:	-.860	-.898	-.831
CENTROID X	:	.360	.224	.070
CENTROID Y	:	-.105	-.067	-.134
POA TO CENTROID in.	:	.375	.234	.151
MIN RADIUS	:	.144	.284	.227
MEAN RADIUS	:	.849	.797	.718
MAX RADIUS	:	1.273	1.344	1.285
HORIZONTAL SPREAD	:	2.374	2.245	1.840
VERTICAL SPREAD	:	1.437	1.437	1.382
EXTREME SPREAD	:	2.471	2.351	2.253
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	