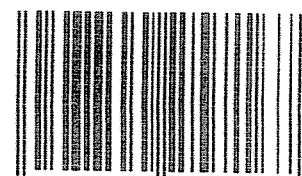


FORM

UPC



0 47700 25716 7

C6549218

MODEL 700 TM M24

5716

ORDER NO.

BARREL LENGTH

CAPACITY*

*INCLUDES 1 IN CHAMBER

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6649218

ORDER NO.

5716

20

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



5716 C6649218

ORDER 5716

MODEL 700 TM M24

UPC

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649218

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1	91	RW
600	Proof	10 1	91	RW
607	Check Headspace	10 1	91	RW
610	Dis-assemble Gun	10 1	91	RW
612	Magnaflux Barrel Action		OCT 10 1991	KR
	Magnaflux Bolt		OCT 10 1991	KR
615	Rollmark Caliber		OCT 10 1991	LS
617	Drill and Tap Sight Holes		OCT 10 1991	LS
618	Polish Barrel		10/13/91	WB
620	Apply Coatings (Barrel Action)		11/2-91	TH
	Apply Coating (Bolt)			TH
625	Final Assembly A) Clean inside of Bolt Assembly		11/11/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/11/91	RW
	C) Inspect Ejector Hole for Chamfer		11/11/91	RW
	D) Oil Firing Pin Ass'y		11/11/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-15-91	JS

op. #	BARBER M24 0066581	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			11/18/91	SL
	G) Safety Off Force	3	3	3			11/18/91	SL
	H) Trigger Pull Test & Retainability						11-15-91	SL
	I) Firing Pin Indent	.021	.021	.021			11/18/91	SL
	J) Assemble Stock						11/18/91	RW
	K) Assemble Swivel Studs						11-27-91	D/H
	L) Attach Front and Rear Sight Assemblies						11/18/91	RW
	M) Iron Sight Alignment						11/18/91	RW
	N) Detach Front & Rear Sights & place in numbered container						11/18/91	RW
	O) Attach Scope to Rifle						11/18/91	RW
	P) Detach & Attach Scope 20 Times						11/18/91	RW
640	Gallery Target & Test						11-21-91	D/H
	A) Time						11-21-91	D/H
	B) Malfunctions						11-21-91	D/H
	C) Pierced Primers						11-21-91	D/H
	D) Optical Clarity of Scope						11-21-91	D/H
645	Inspect for Live Ammo						11-21-91	D/H
655	Final Inspection							
	A) Headspace						11-27-91	D/H
	B) Trigger Pull	2.31	2.35	2.32	2.31	2.36	11-25-91	SL
	C) Function						11-27-91	D/H
660	Pack						12-19-91	NE

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

SERIAL NO. C-6649218DATE 11-15-91TESTER JH.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.38	2.44	2.31	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.60	2.40	2.35	2.35	
PULL #3	2.30	2.48	2.48	2.32	
PULL #4	2.66	2.42	2.50	2.31	
PULL #5	2.63	2.47	2.52	2.36	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.41		
PULL #2	3.34	3.33		
PULL #3	3.32	3.30		
PULL #4	3.39	3.31		
PULL #5	3.34	3.30		
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	4.30		4.27
PULL #2	4.33	4.31		4.32
PULL #3	4.33	4.29		4.29
PULL #4	4.28	4.35		4.30
PULL #5	4.34	4.36		4.28
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649218
21 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.0818413
1 TO	2	.219993
1 TO	3	.312832
1 TO	4	.381293
1 TO	5	.260017

5
2 1/4 ←----POA

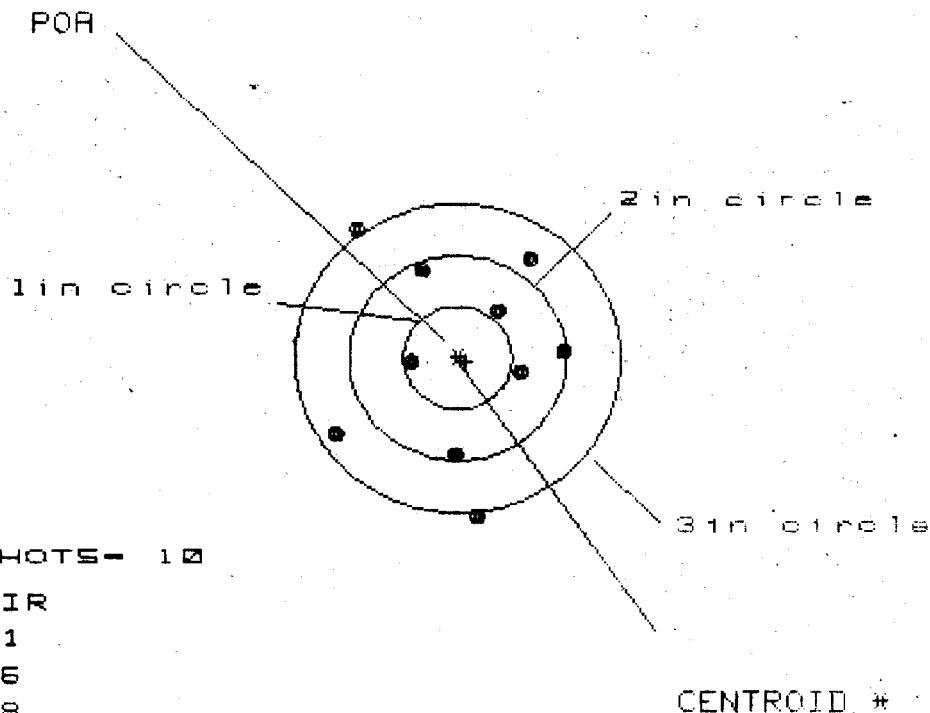
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1323
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0252
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .13517

THE AMR FOR THIS RIFLE IS: .9726

21 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649218

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 2.120

VS= 2.859

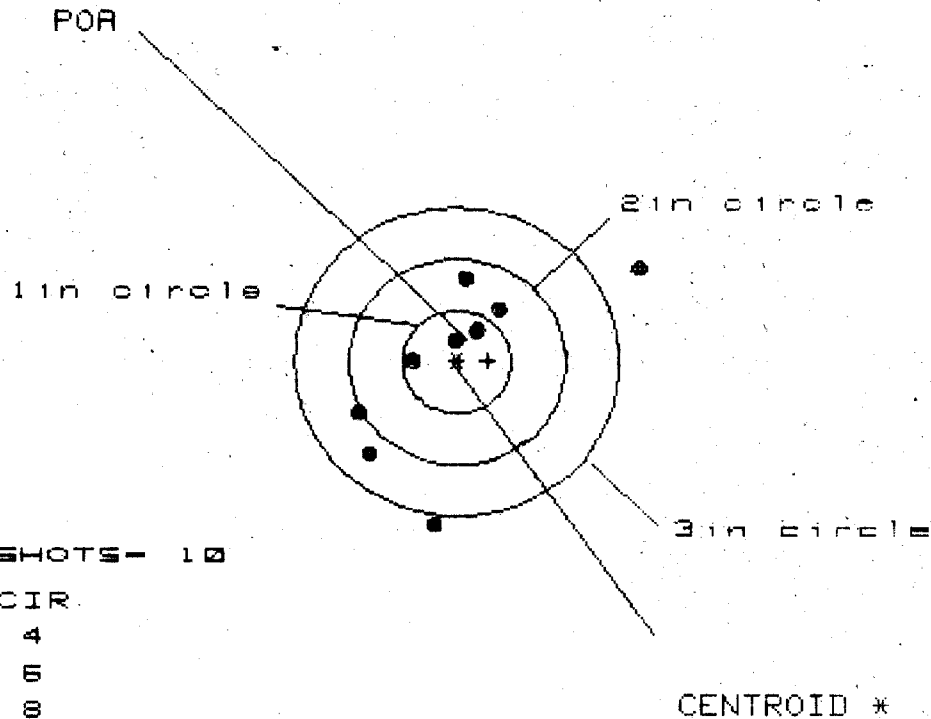
GS= 3.057

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.967	.990	.883
MINIMUM X	-1.153	-1.130	-1.237
MAXIMUM Y	1.290	1.115	.920
MINIMUM Y	-1.569	-1.159	-1.020
CENTROID X	-.073	-.096	.011
CENTROID Y	.037	.211	.072
POA TO CENTROID in.	.082	.232	.072
MIN RADIUS	.426	.443	.511
MEAN RADIUS	1.015	.937	.865
MAX RADIUS	1.583	1.471	1.474
HORIZONTAL SPREAD	2.120	2.120	2.120
VERTICAL SPREAD	2.859	2.274	1.940
EXTREME SPREAD	3.057	2.477	2.477
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

21 Nov 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6649218

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR.

1in = 4

2in = 6

3in = 8

HS= 2.627

VS= 2.523

GS= 3.177

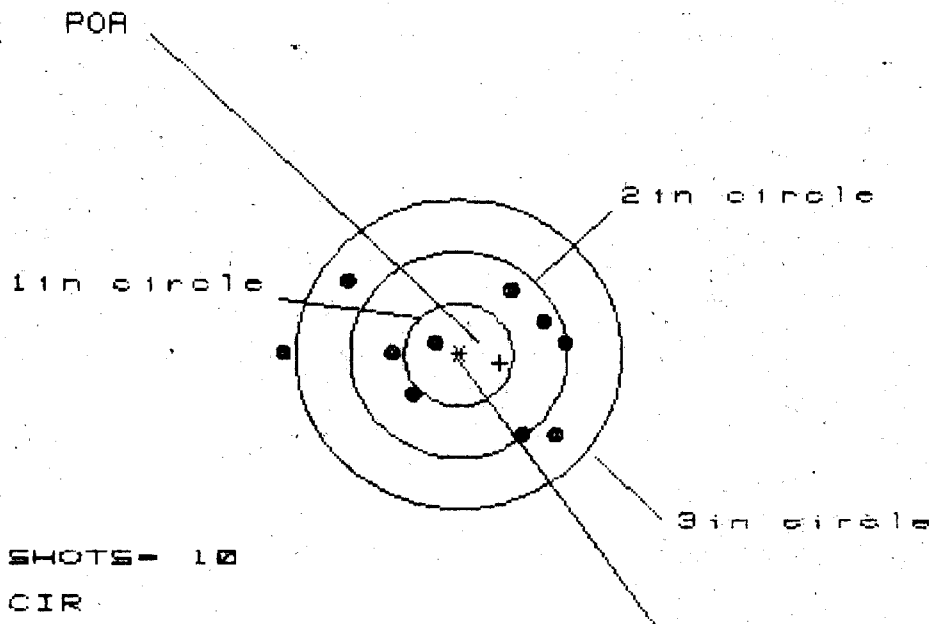
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.690	.605	.599
MINIMUM X	:	-.937	-.749	-.755
MAXIMUM Y	:	.958	.901	.719
MINIMUM Y	:	-1.565	-1.459	-.934
CENTROID X	:	-.287	-.474	-.468
CENTROID Y	:	-.014	-.120	.062
POA TO CENTROID in.	:	.287	.489	.472
MIN RADIUS	:	.203	.276	.225
MEAN RADIUS	:	.845	.740	.597
MAX RADIUS	:	1.943	1.460	1.120
HORIZONTAL SPREAD	:	2.627	1.354	1.354
VERTICAL SPREAD	:	2.523	2.360	1.653
EXTREME SPREAD	:	3.177	2.383	1.877
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

21 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649218

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS = 2.553

VS = 1.528

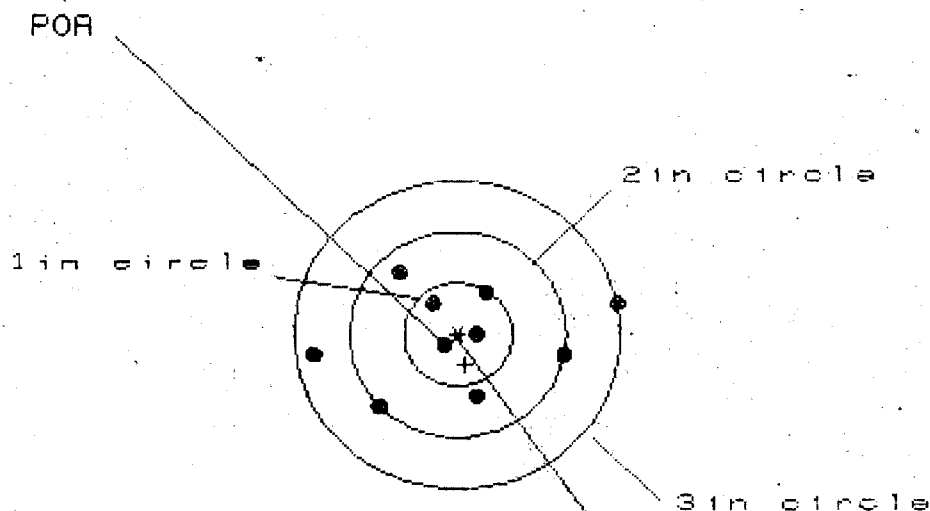
GS = 2.635

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.980	.806	.657
MINIMUM X	-1.573	-1.192	-.934
MAXIMUM Y	.734	.740	.736
MINIMUM Y	-.794	-.788	-.696
CENTROID X	-.383	-.208	-.059
CENTROID Y	.079	.073	-.019
POA TO CENTROID in.	.391	.220	.062
MIN RADIUS	.185	.353	.522
MEAN RADIUS	.903	.825	.745
MAX RADIUS	1.573	1.403	.941
HORIZONTAL SPREAD	2.553	1.998	1.591
VERTICAL SPREAD	1.528	1.528	1.432
EXTREME SPREAD	2.635	2.470	1.733
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

21 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649218

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in = 4

2in = 8

3in = 9

HS = 2.817

VS = 1.285

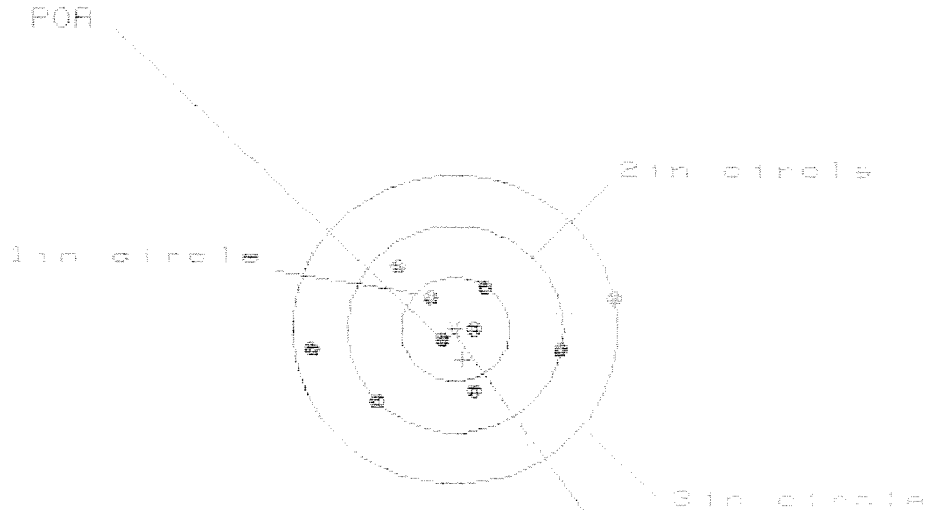
GS = 2.861

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.484	1.093	.947
MINIMUM X	:	-1.333	-1.168	-.706
MAXIMUM Y	:	.610	.648	.634
MINIMUM Y	:	-.675	-.637	-.651
CENTROID X	:	-.070	-.235	-.089
CENTROID Y	:	.297	.259	.273
POA TO CENTROID in.	:	.306	.349	.287
MIN RADIUS	:	.141	.061	.148
MEAN RADIUS	:	.742	.651	.570
MAX RADIUS	:	1.525	1.17	.960
HORIZONTAL SPREAD	:	2.817	2.261	1.653
VERTICAL SPREAD	:	1.285	1.285	1.285
EXTREME SPREAD	:	2.861	2.261	1.728
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

21 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/56645216

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 4

2in = 8

3in = 6

HS= 2.817

VS= 1.285

GS= 2.861

CENTROID +

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.484
MINIMUM X	-1.333
MAXIMUM Y	.610
MINIMUM Y	-.675
CENTROID X	-.070
CENTROID Y	.297
POA TO CENTROID IN.	.306
MIN RADIUS	.141
MEAN RADIUS	.742
MAX RADIUS	1.525
HORIZONTAL SPREAD	2.817
VERTICAL SPREAD	1.285
CENTER SPREAD	2.861
WHEEL IN ONE INCH CIRCLE	4
WHEEL IN TWO INCH CIRCLE	8
WHEEL IN THREE INCH CIRCLE	9