

FORM

UPC



0 47700 25716 7

C6649004

*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™ M24

SERIAL NO.
C6649004

ORDER NO.
5716

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

20



5716 C6649004

ORDER 5716
MODEL 700™ M24
UPC

ORDER 5716
MODEL 700™ M24
UPC



0 47700 25716 7



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649004

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	RW
612	Magnaflux Barrel Action	OCT	3 1991	KCR
	Magnaflux Bolt	OCT	3 1991	KCR
615	Rollmark Caliber	OCT	3 1991	CS
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		10/22/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/91	RW
	C) Inspect Ejector Hole for Chamfer		10/22/91	RW
	D) Oil Firing Pin Ass'y		10/22/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-5-91	JA

op. #	BARBER M24 0030529	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 1/2	3 1/2	3 1/2			11/5/91	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			11/5/91	WB
	H) Trigger Pull Test & Retainability						11-5-91	JH
	I) Firing Pin Indent	.0205	.0205	.0205			11/5/91	WB
	J) Assemble Stock						11/6/91	RW
	K) Assemble Swivel Studs						11-12-91	AC
	L) Attach Front and Rear Sight Assemblies						11/6/91	RW
	M) Iron Sight Alignment						11/6/91	RW
	N) Detach Front & Rear Sights & place in numbered container						11/6/91	RW
	O) Attach Scope to Rifle						11/6/91	RW
	P) Detach & Attach Scope 20 Times						11/6/91	RW
640	Gallery Target & Test						11-6-91	AC
	A) Time						11-6-91	AC
	B) Malfunctions						11-6-91	AC
	C) Pierced Primers						11-6-91	AC
	D) Optical Clarity of Scope						11-6-91	AC
645	Inspect for Live Ammo						11-6-91	AC
655	Final Inspection							
	A) Headspace						11-12-91	AC
	B) Trigger Pull	231	231	213	221	228	11-6-91	PH
	C) Function						11-12-91	AC
660	Pack						12-18-91	W

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C-6649004

DATE 11-5-91

TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.23	2.18	2.33	2.31	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.44	2.48	2.31	
PULL #3	2.29	2.52	2.51	2.13	
PULL #4	2.25	2.55	2.44	2.21	
PULL #5	2.25	2.64	2.38	2.28	
TOTAL					
AVG.					

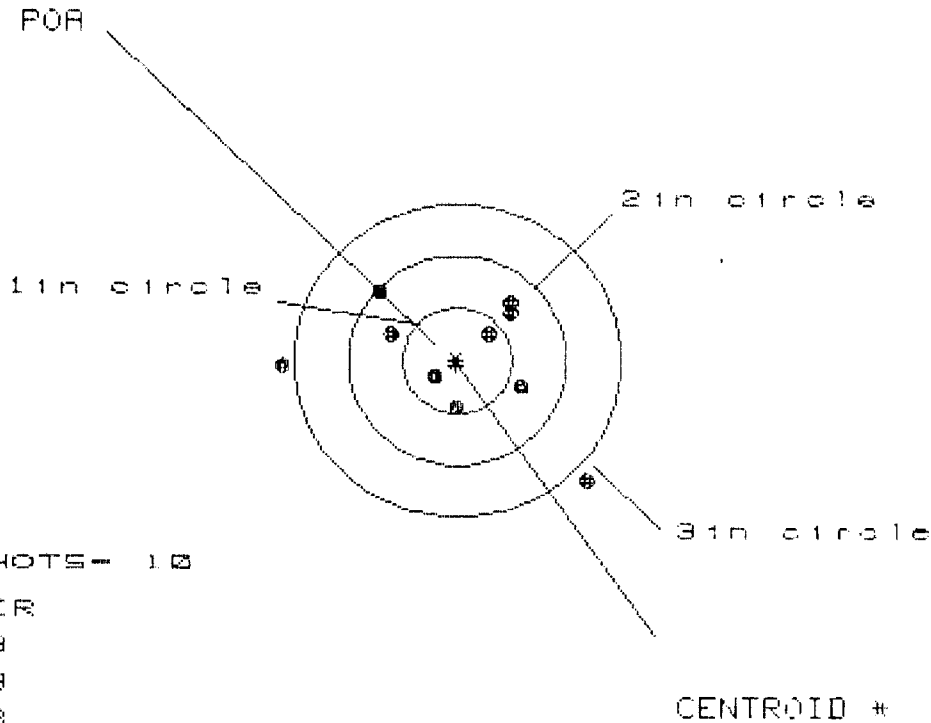
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.51	3.64		
PULL #2	3.58	3.60		
PULL #3	3.45	3.63		
PULL #4	3.66	3.61		
PULL #5	3.62	3.63		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.56	4.27		4.29
PULL #2	4.30	4.38		4.43
PULL #3	4.38	4.37		4.40
PULL #4	4.25	4.34		4.40
PULL #5	4.42	4.22		4.30
TOTAL				
AVG.				

6 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06649004

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 8

HS= 2.796

VS= 1.751

GS= 3.007

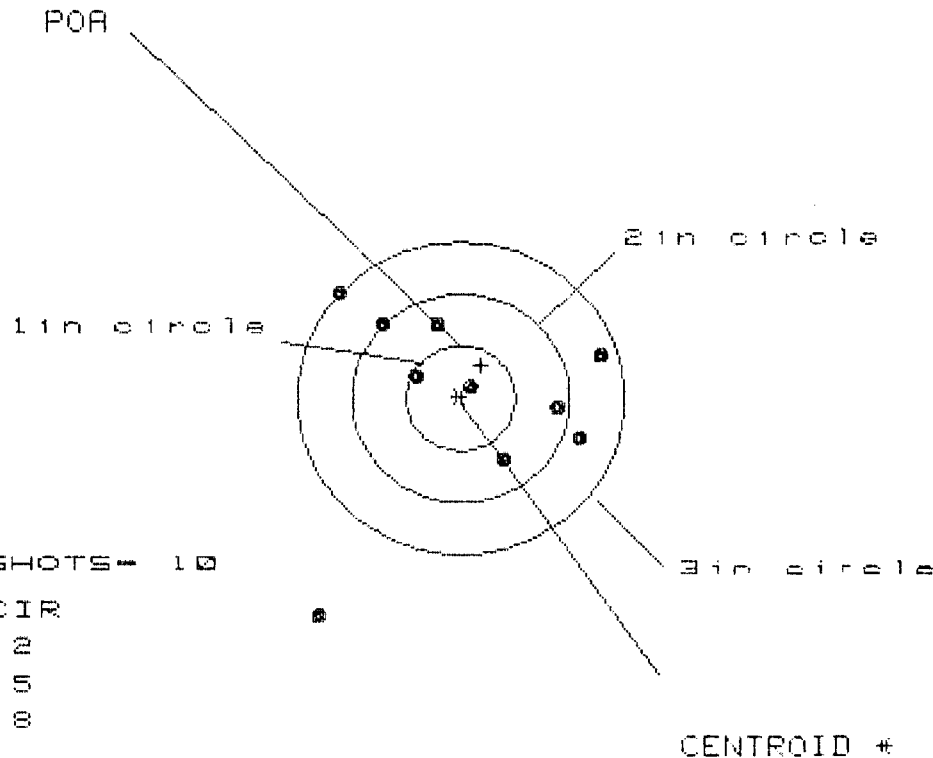
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.230	.738	.559
MINIMUM X	-1.566	-1.429	-.719
MAXIMUM Y	.645	.523	.507
MINIMUM Y	-1.105	-.605	-.621
CENTROID X	.013	-.124	.055
CENTROID Y	.045	.168	.183
POA TO CENTROID in.	.047	.209	.191
MIN RADIUS	.291	.323	.306
MEAN RADIUS	.801	.707	.588
MAX RADIUS	1.654	1.434	.980
HORIZONTAL SPREAD	2.796	2.167	1.278
VERTICAL SPREAD	1.751	1.128	1.128
EXTREME SPREAD	3.007	2.184	1.574
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	8		

6 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649004

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.571

VS= 3.130

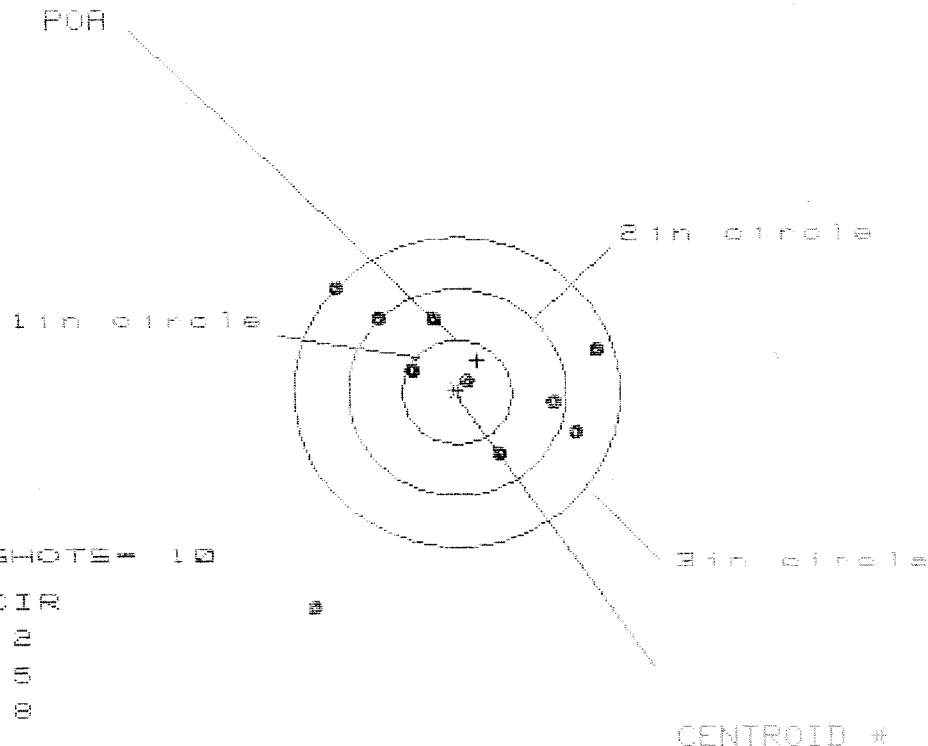
GS= 3.649

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.286	1.144	.982
MINIMUM X	:	-1.285	-1.291	-1.047
MAXIMUM Y	:	1.001	.764	.535
MINIMUM Y	:	-2.129	-.781	-.685
CENTROID X	:	-.185	-.043	.119
CENTROID Y	:	-.316	-.079	-.175
POA TO CENTROID in.	:	.366	.090	.211
MIN RADIUS	:	.141	.143	.208
MEAN RADIUS	:	1.043	.853	.768
MAX RADIUS	:	2.487	1.501	1.175
HORIZONTAL SPREAD	:	2.571	2.435	2.029
VERTICAL SPREAD	:	3.130	1.545	1.220
EXTREME SPREAD	:	3.649	2.629	2.112
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

6 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C0649004

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.571

VS= 3.130

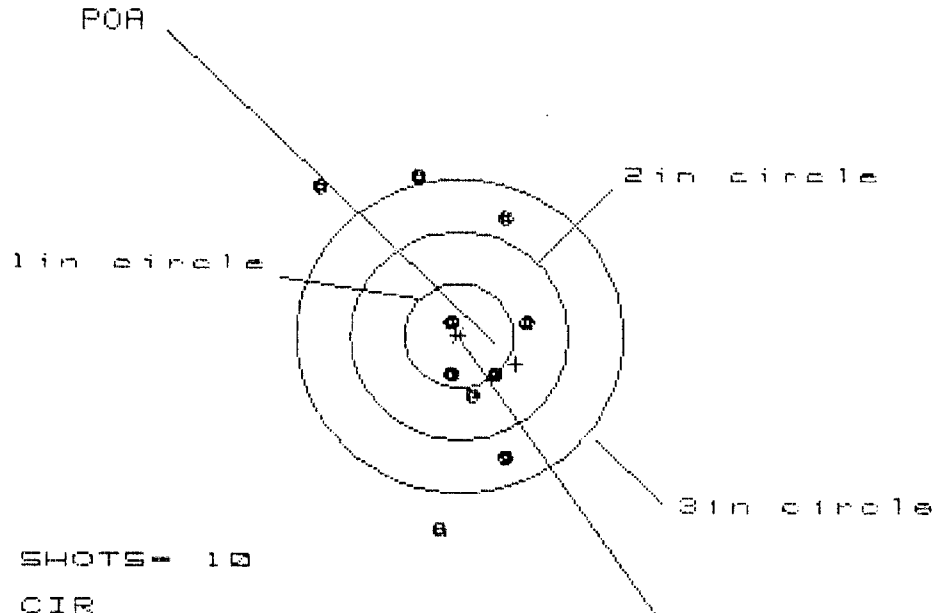
GS= 3.649

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.286	1.144	.982
MINIMUM X	:	-1.285	-1.291	-1.047
MAXIMUM Y	:	1.001	.764	.535
MINIMUM Y	:	-2.129	-.781	-.685
CENTROID X	:	-.185	-.043	.119
CENTROID Y	:	-.315	-.079	-.175
POA TO CENTROID in.	:	.366	.090	.211
MIN RADIUS	:	.141	.143	.208
MEAN RADIUS	:	1.043	.853	.768
MAX RADIUS	:	2.487	1.501	1.175
HORIZONTAL SPREAD	:	2.571	2.435	2.029
VERTICAL SPREAD	:	3.130	1.545	1.220
EXTREME SPREAD	:	3.649	2.629	2.112
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

8 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649004

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 5

3 in = 7

HS = 1.888

VS = 3.407

GS = 3.511

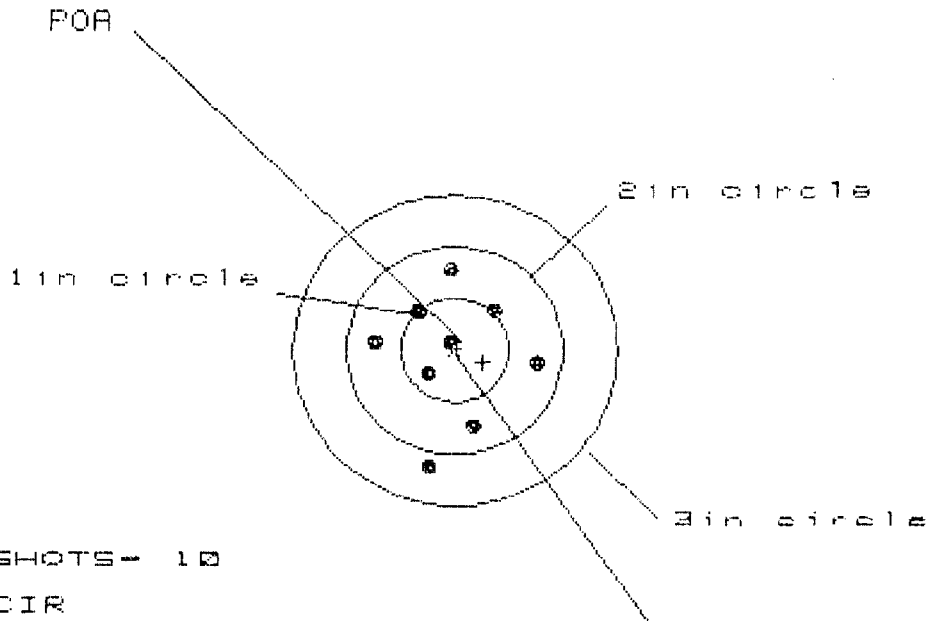
CENTROID #

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.643	.504	.462
MINIMUM X	-1.245	-.561	-.603
MAXIMUM Y	1.524	1.687	1.472
MINIMUM Y	-1.883	-1.720	-1.224
CENTROID X	-.521	-.382	-.340
CENTROID Y	.267	.104	.319
POA TO CENTROID in.	.585	.396	.467
MIN RADIUS	.133	.261	.237
MEAN RADIUS	1.012	.870	.779
MAX RADIUS	1.925	1.777	1.590
HORIZONTAL SPREAD	1.888	1.065	1.065
VERTICAL SPREAD	3.407	3.407	2.696
EXTREME SPREAD	3.511	3.414	2.837
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

8 Nov 1931

FILE:/PATTERNING/CENTERFIRE_PATT/06649084

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 9

3 in = 10

HS = 1.497

VS = 1.890

GS = 1.904

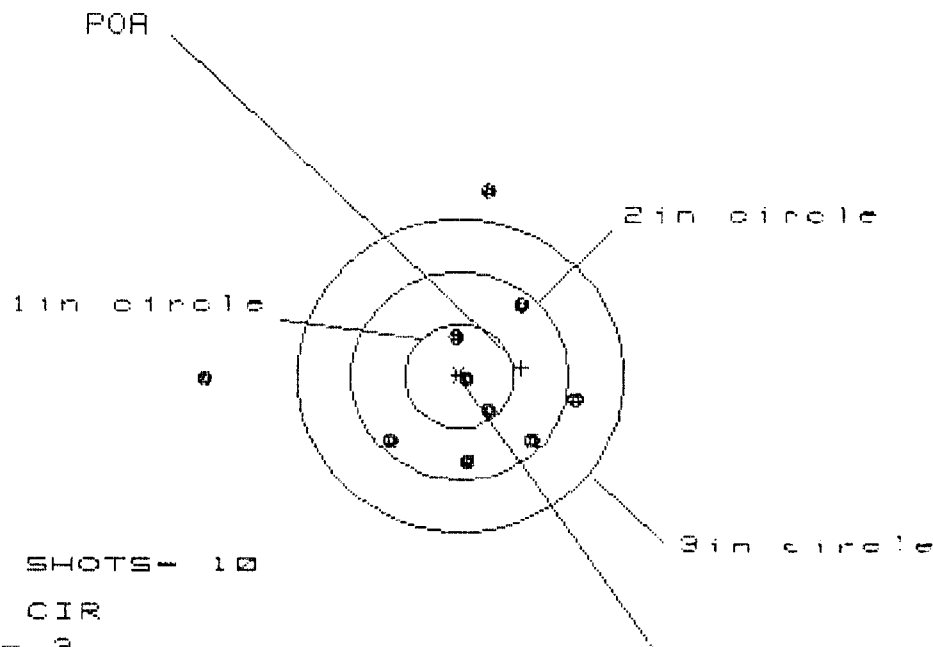
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.795	.770	.768
MINIMUM X	-.702	-.727	-.729
MAXIMUM Y	.814	.695	.390
MINIMUM Y	-1.076	-.885	-.798
CENTROID X	-.261	-.236	-.234
CENTROID Y	.120	.239	.152
POA TO CENTROID in.	.287	.336	.279
MIN RADIUS	.135	.105	.131
MEAN RADIUS	.623	.552	.538
MAX RADIUS	1.098	.891	.804
HORIZONTAL SPREAD	1.497	1.497	1.497
VERTICAL SPREAD	1.890	1.580	1.188
EXTREME SPREAD	1.904	1.584	1.509
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	9		
NUMBER IN THREE INCH CIRCLE =	10		

6 Nov 1931

FILE:/PATTERNING/CENTERFIRE_PATT/C6649084

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

HS= 3.458

VS= 2.510

GS= 3.463

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.081	.817	.816
MINIMUM X	-2.377	-.880	-.881
MAXIMUM Y	1.733	1.726	.852
MINIMUM Y	-.777	-.784	-.569
CENTROID X	-.565	-.301	-.300
CENTROID Y	-.080	-.073	-.288
POA TO CENTROID in.	.571	.310	.416
MIN RADIUS	.071	.204	.153
MEAN RADIUS	.955	.775	.619
MAX RADIUS	2.377	1.726	.956
HORIZONTAL SPREAD	3.458	1.697	1.697
VERTICAL SPREAD	2.510	2.510	1.421
EXTREME SPREAD	3.463	2.517	1.731
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	