

Smead.

1001

UPC



0 47700 25716 7

C6649029

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

MODEL 700 TM M24

ORDER NO.

5716

BARBER - M24 0030820

Remington



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

MODEL 700TM M24

SERIAL NO.
C6649029

ORDER NO.
5716

20

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



5716 C6649029

ORDER 5716

MODEL 700TM M24

UPC

ORDER 5716

MODEL 700TM M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649029

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26 91		RW
600	Proof	9 26 91		RW
607	Check Headspace	9 26 91		RW
610	Dis-assemble Gun	9 26 91		RW
612	Magnaflux Barrel Action	OCT	3 1991	Kcd
	Magnaflux Bolt	OCT	3 1991	Kcd
615	Rollmark Caliber	OCT	3 1991	CL
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		11-20-91	JA

OP NAME	READINGS	DATE	INIT	
op BARBER M24 0030822				
625 cont.	F) Safety On Force	4 4 4	11/20/91	SL
	G) Safety Off Force	3 2 3	11/20/91	SL
	H) Trigger Pull Test & Retainability		11-20-91	SL
	I) Firing Pin Indent	.020 .020 .020	11/20/91	SL
	J) Assemble Stock		12/3/91	RU
	K) Assemble Swivel Studs		12-7-91	AC
	L) Attach Front and Rear Sight Assemblies		12/3/91	RU
	M) Iron Sight Alignment		12/3/91	RU
	N) Detach Front & Rear Sights & place in numbered container		12/3/91	RU
	O) Attach Scope to Rifle		12/3/91	RU
	P) Detach & Attach Scope 20 Times		12/3/91	RU
640	Gallery Target & Test		12-4-91	DH
	A) Time		12-4-91	DH
	B) Malfunctions		12-4-91	DH
	C) Pierced Primers		12-4-91	DH
	D) Optical Clarity of Scope		12-4-91	DH
645	Inspect for Live Ammo		12-4-91	DH
655	Final Inspection			
	A) Headspace		12-7-91	AC
	B) Trigger Pull	2.37 2.31 2.38 2.25 2.42	12-5-91	D/H
	C) Function		12-7-91	AC
660	Pack		12-19-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C-6649024DATE 11-20-91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.59	2.64	2.40	2.37	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.58	2.56	2.68	2.31	
PULL #3	2.58	2.56	2.55	2.38	
PULL #4	2.60	2.60	2.50	2.25	
PULL #5	2.52	2.45	2.44	2.42	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.53		
PULL #2	3.52	3.55		
PULL #3	3.51	3.56		
PULL #4	3.45	3.56		
PULL #5	3.57	3.57		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.58		4.66
PULL #2	4.51	4.52		4.64
PULL #3	4.60	4.59		4.52
PULL #4	4.55	4.30		4.46
PULL #5	4.29	4.30		4.69
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649029
4 Dec 1991

CENTROIDAL DISTANCES

0 TO	1	.315774
1 TO	2	.322025
1 TO	3	.491489
1 TO	4	.378431
1 TO	5	.257769

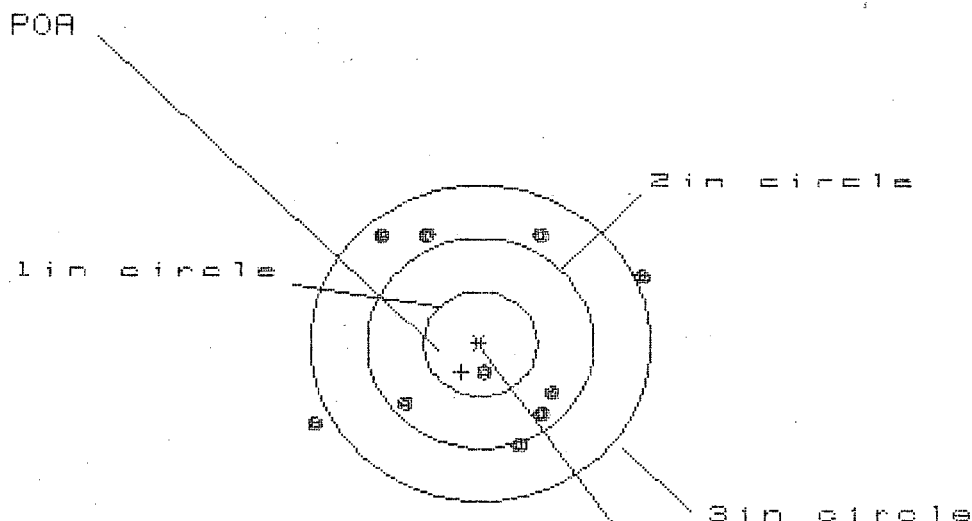
412 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .063
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0928
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .112164
THE AMR FOR THIS RIFLE IS: .9068

4 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6549023

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 2.941

VS= 1.975

GS= 3.252

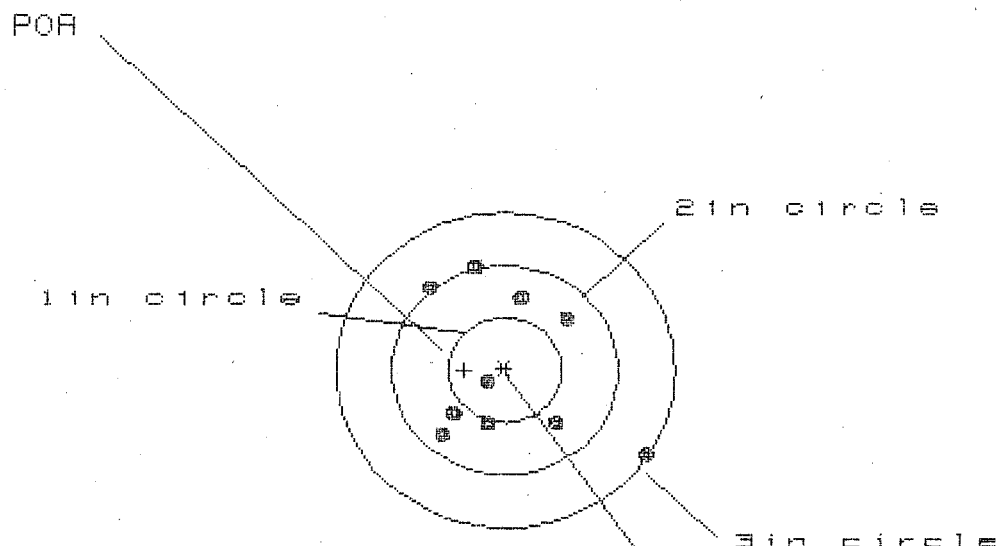
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.472	1.309	.608
MINIMUM X	-1.469	-.982	-.818
MAXIMUM Y	1.022	.937	1.004
MINIMUM Y	-.953	-1.038	-.971
CENTROID X	.167	.330	.166
CENTROID Y	.268	.353	.286
POA TO CENTROID in.	.316	.483	.331
MIN RADIUS	.235	.356	.253
MEAN RADIUS	1.051	.984	.910
MAX RADIUS	1.656	1.415	1.268
HORIZONTAL SPREAD	2.941	2.291	1.426
VERTICAL SPREAD	1.975	1.975	1.975
EXTREME SPREAD	3.252	2.450	2.252
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

4 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649029

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 1

2in = 7

3in = 10

HS = 1.887

VS = 1.781

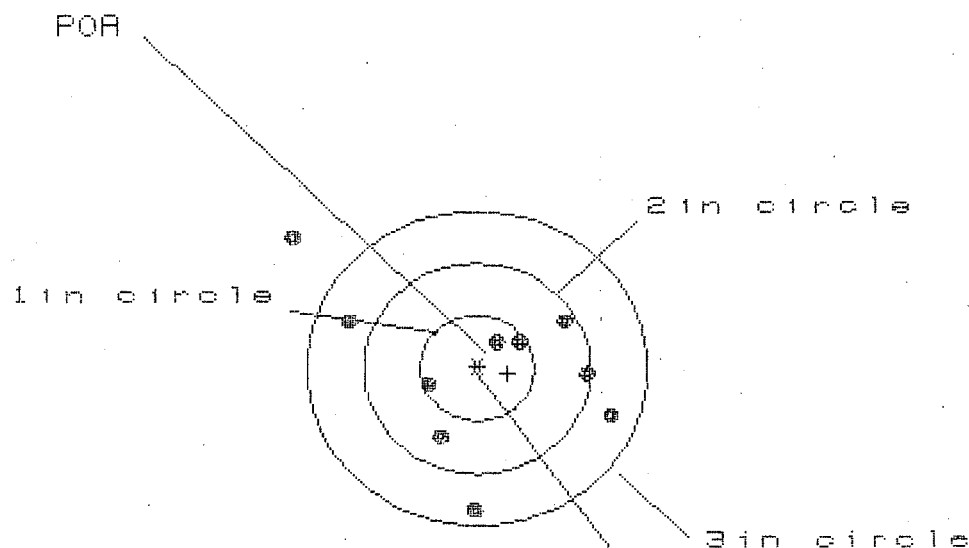
GS = 2.441

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.195	.653	.634
MINIMUM X	:	-.692	-.559	-.578
MAXIMUM Y	:	1.004	.918	.799
MINIMUM Y	:	-.777	-.700	-.586
CENTROID X	:	.357	.224	.243
CENTROID Y	:	.008	.094	-.020
POA TO CENTROID in.	:	.357	.243	.244
MIN RADIUS	:	.250	.245	.149
MEAN RADIUS	:	.773	.693	.637
MAX RADIUS	:	1.425	.930	.987
HORIZONTAL SPREAD	:	1.887	1.212	1.212
VERTICAL SPREAD	:	1.781	1.618	1.385
EXTREME SPREAD	:	2.441	1.711	1.711
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	7		
NUMBER IN THREE INCH CIRCLE =	:	10		

4 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649029

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.792

VS= 2.581

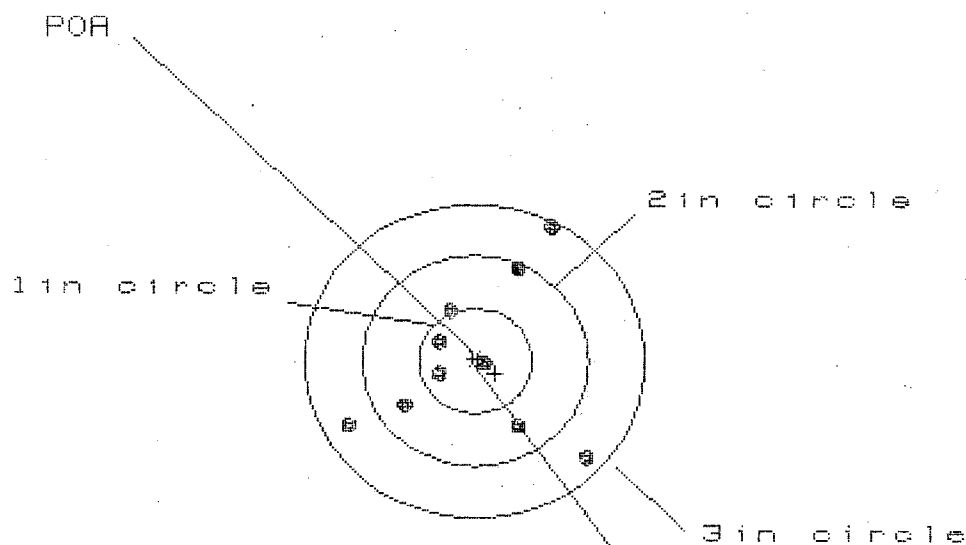
GS= 3.236

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.191
MINIMUM X	-1.601
MAXIMUM Y	1.235
MINIMUM Y	-1.346
CENTROID X	-.273
CENTROID Y	.049
POA TO CENTROID in.	.277
MIN RADIUS	.279
MEAN RADIUS	.949
MAX RADIUS	2.022
HORIZONTAL SPREAD	2.792
VERTICAL SPREAD	2.581
EXTREME SPREAD	3.236
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	9

4 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C5549029

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 10

HS= 2.042

VS= 2.199

GS= 2.577

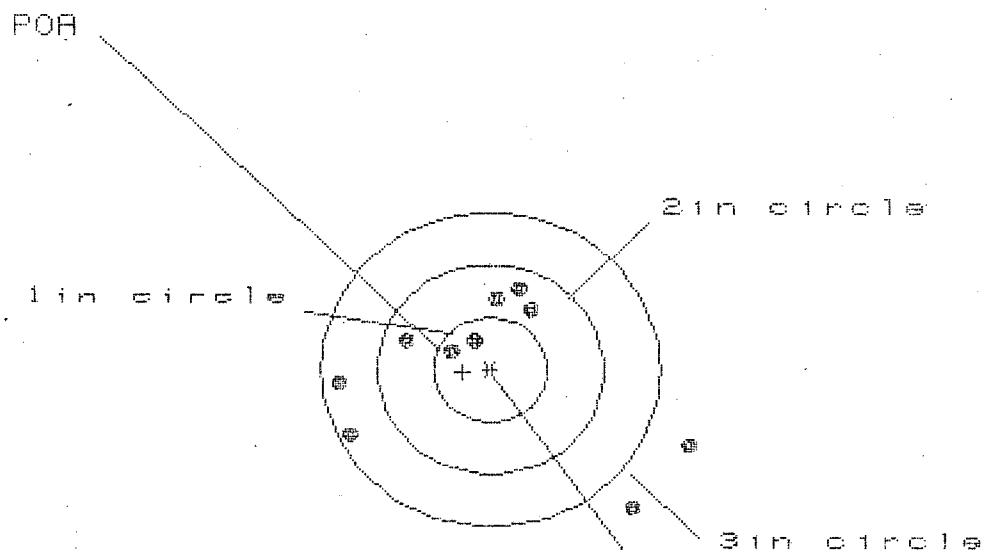
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.948	1.021	.618
MINIMUM X	:	-1.094	-1.021	-.893
MAXIMUM Y	:	1.243	.977	.874
MINIMUM Y	:	-.956	-.818	-.610
CENTROID X	:	-.180	-.253	-.381
CENTROID Y	:	.117	-.021	.082
POA TO CENTROID in.	:	.215	.254	.389
MIN RADIUS	:	.072	.211	.162
MEAN RADIUS	:	.761	.689	.578
MAX RADIUS	:	1.407	1.309	1.081
HORIZONTAL SPREAD	:	2.042	2.042	1.511
VERTICAL SPREAD	:	2.199	1.795	1.484
EXTREME SPREAD	:	2.577	2.090	2.090
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			10	

4 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B49029

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 3.044

VS= 2.164

GS= 3.104

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.735
MINIMUM X	-1.309
MAXIMUM Y	.804
MINIMUM Y	-1.360
CENTROID X	.244
CENTROID Y	.022
POA TO CENTROID in.	.245
MIN RADIUS	.265
MEAN RADIUS	1.000
MAX RADIUS	1.871
HORIZONTAL SPREAD	3.044
VERTICAL SPREAD	2.164
EXTREME SPREAD	3.104
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	8