

Smead.

1001

BARREL LENGTH

CAPACITY*

*INCLUDES 1 IN CHAMBER

C6649029

UPC



0 47700 25716 7

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.
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



0 47700 25716 7



0 47700 25716 7

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. #	OP. NAME	READINGS					DATE	INIT
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

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 11-20-91

TESTER 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

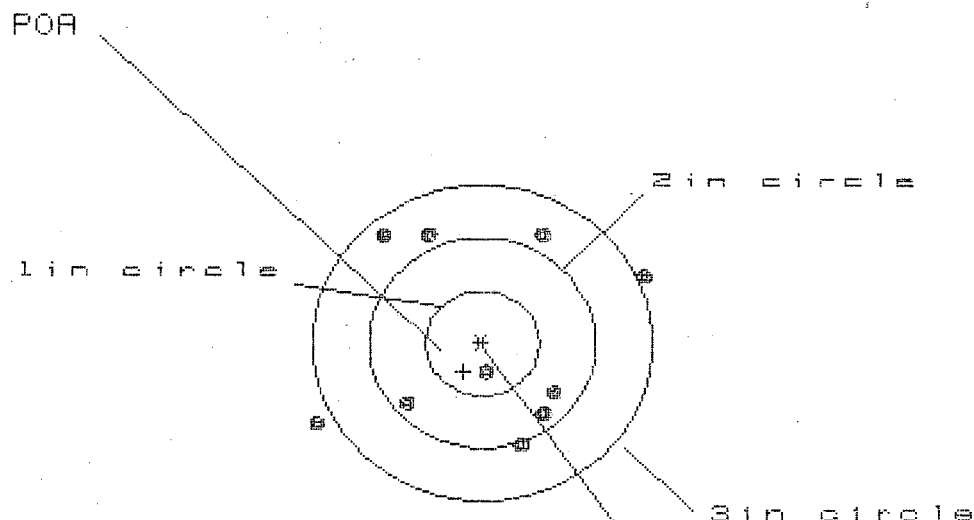
412 <----POA

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/C6549029

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

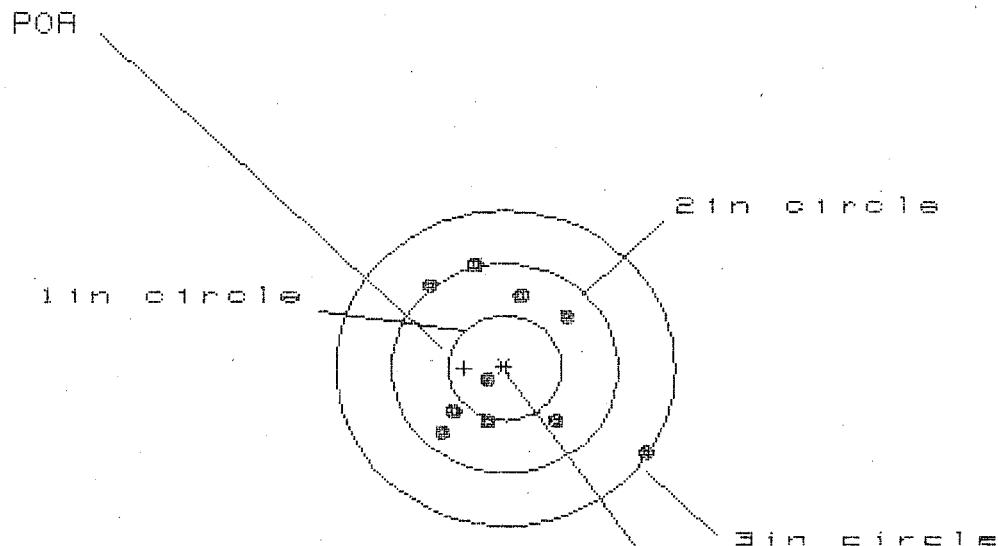
CENTROID *

PATTERN #	:	1		
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

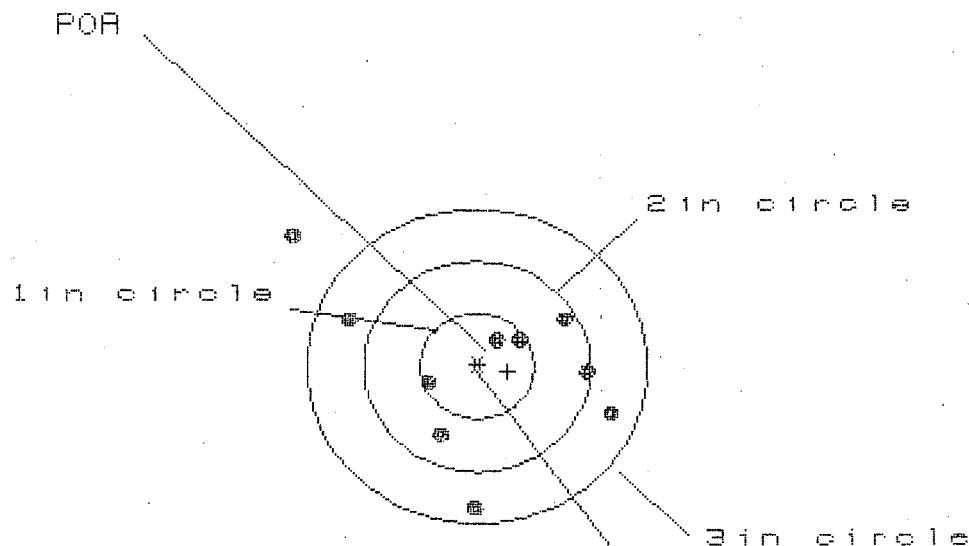
CENTROID #

PATTERN #	:	2		
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
POR 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/C6B49029

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 2.792

VS= 2.581

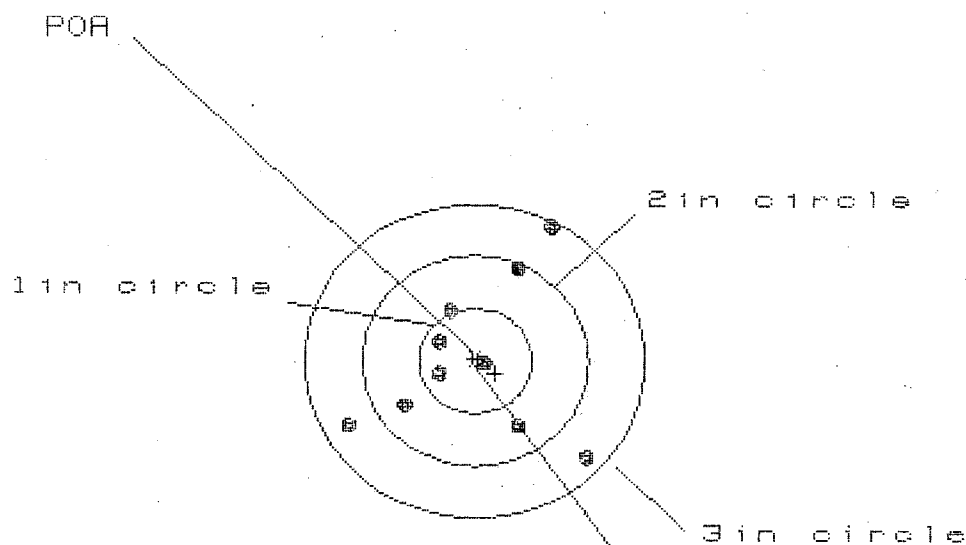
GS= 3.236

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.191	1.013	.993
MINIMUM X	:	-1.601	-1.262	-1.282
MAXIMUM Y	:	1.235	.582	.431
MINIMUM Y	:	-1.346	-1.209	-.644
CENTROID X	:	-.273	-.095	-.075
CENTROID Y	:	.049	-.088	.063
POA TO CENTROID in.	:	.277	.129	.098
MIN RADIUS	:	.279	.371	.224
MEAN RADIUS	:	.949	.814	.731
MAX RADIUS	:	2.022	1.390	1.353
HORIZONTAL SPREAD	:	2.792	2.275	2.275
VERTICAL SPREAD	:	2.581	1.791	1.075
EXTREME SPREAD	:	3.236	2.427	2.427
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

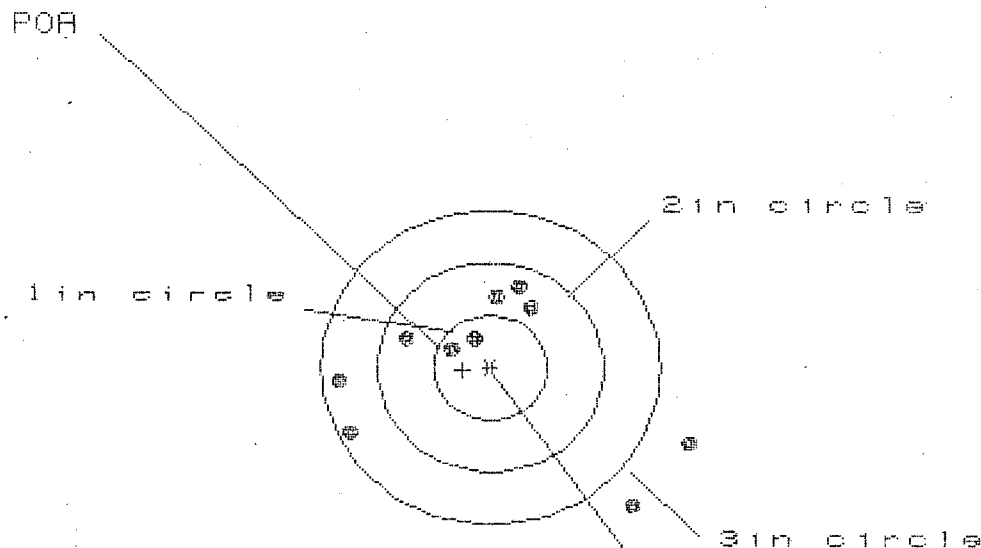
GS= 2.577

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

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.735	1.401	.743
MINIMUM X	:	-1.309	-1.117	-.942
MAXIMUM Y	:	.804	.726	.546
MINIMUM Y	:	-1.360	-1.438	-.890
CENTROID X	:	.244	.052	-.123
CENTROID Y	:	.022	.100	.200
POA TO CENTROID in.	:	.245	.112	.306
MIN RADIUS	:	.265	.157	.113
MEAN RADIUS	:	1.000	.841	.651
MAX RADIUS	:	1.871	2.008	1.230
HORIZONTAL SPREAD	:	3.044	2.518	1.685
VERTICAL SPREAD	:	2.164	2.164	1.436
EXTREME SPREAD	:	3.104	2.819	2.059
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	