

FOR

UPC



0 47700 25716 2

C6649035

CAPACITY*
*INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

RemingtonVERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.**MODEL 700™ M24****SERIAL NO.****C6649035****ORDER NO.****5716**

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

20



5716 C6649035

ORDER 5716

MODEL 700™ M24

UPC

0 47700 25716 7

ORDER 5716

MODEL 700™ M24

UPC

0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649035

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	KCR
	Magnaflux Bolt	OCT	3 1991	KCR
615	Rollmark Caliber	OCT	3 1991	GH
617	Drill and Tap Sight Holes	OCT	4 1991	FB
618	Polish Barrel	OCT 4	1991	WB
620	Apply Coatings (Barrel Action)		10-18-91	JS
	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		12/3/91	WB

op	NAME	READINGS	DATE	INIT
625	BARBER M24 0030893			
cont.	F) Safety On Force	4 3/4 4 3/4 4 3/4	12/3/91	WLB
	G) Safety Off Force	2 3/4 2 3/4 2 3/4	12/3/91	WLB
	H) Trigger Pull Test & Retainability		12/3/91	WLB
	I) Firing Pin Indent	.0208 .020 .020	12/3/91	WLB
	J) Assemble Stock		12/3/91	RW
	K) Assemble Swivel Studs		12-6-91	AC
	L) Attach Front and Rear Sight Assemblies		12/3/91	RW
	M) Iron Sight Alignment		12/3/91	RW
	N) Detach Front & Rear Sights & place in numbered container		12/3/91	RW
	O) Attach Scope to Rifle		12/3/91	RW
	P) Detach & Attach Scope 20 Times		12/3/91	RW
640	Gallery Target & Test		12-4-91	AC
	A) Time		12-4-91	AC
	B) Malfunctions		12-4-91	AC
	C) Pierced Primers		12-4-91	AC
	D) Optical Clarity of Scope		12-4-91	AC
645	Inspect for Live Ammo		12-4-91	AC
655	Final Inspection			
	A) Headspace		12-6-91	AC
	B) Trigger Pull	239 219 200 201 200	12-5-91	D/H
	C) Function	2.40 2.47 2.52 2.48 2.49	12-6-91	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. C6649035DATE 12/3/91TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.46	2.90	2.40	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.34	2.36	2.47	
PULL #3	2.43	2.33	2.35	2.52	
PULL #4	2.43	2.38	2.36	2.48	
PULL #5	2.38	2.33	2.38	2.49	
TOTAL	12.09	11.834	11.83		
AVG.	2.42	2.37	2.37		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.25		
PULL #2	3.18	3.23		
PULL #3	3.22	3.23		
PULL #4	3.20	3.21		
PULL #5	3.21	3.22		
TOTAL	16.02	16.16		
AVG.	3.20	3.23		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.05	4.07		4.04
PULL #2	4.04	4.07		4.02
PULL #3	4.05	4.03		4.03
PULL #4	4.01	4.02		4.07
PULL #5	4.03	4.07		4.08
TOTAL	20.18	20.26		20.24
AVG.	4.03	4.05		4.05

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649035
4 Dec 1991

CENTROIDAL DISTANCES

0 TO	1	.351172
1 TO	2	.45262
1 TO	3	.441163
1 TO	4	.271035
1 TO	5	.0878009

THE <----POI

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.037
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1172
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .122902

THE AMR FOR THIS RIFLE IS: .8568

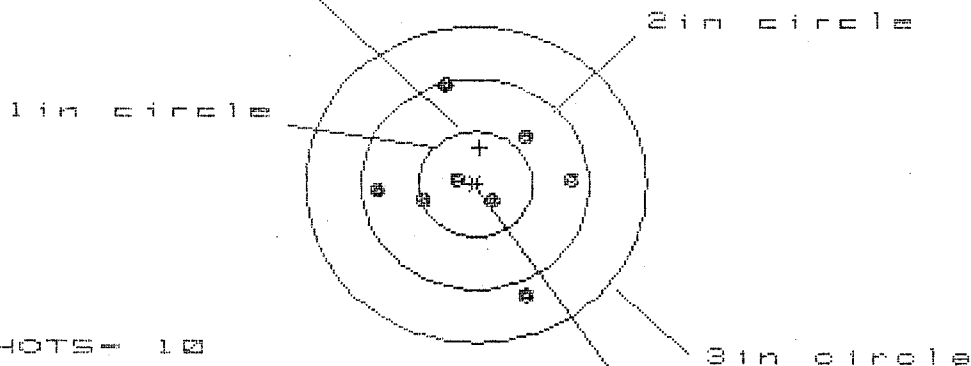
4 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649035

CENTERFIRE PATTERNS

1

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 1.637

VS= 4.872

GS= 4.899

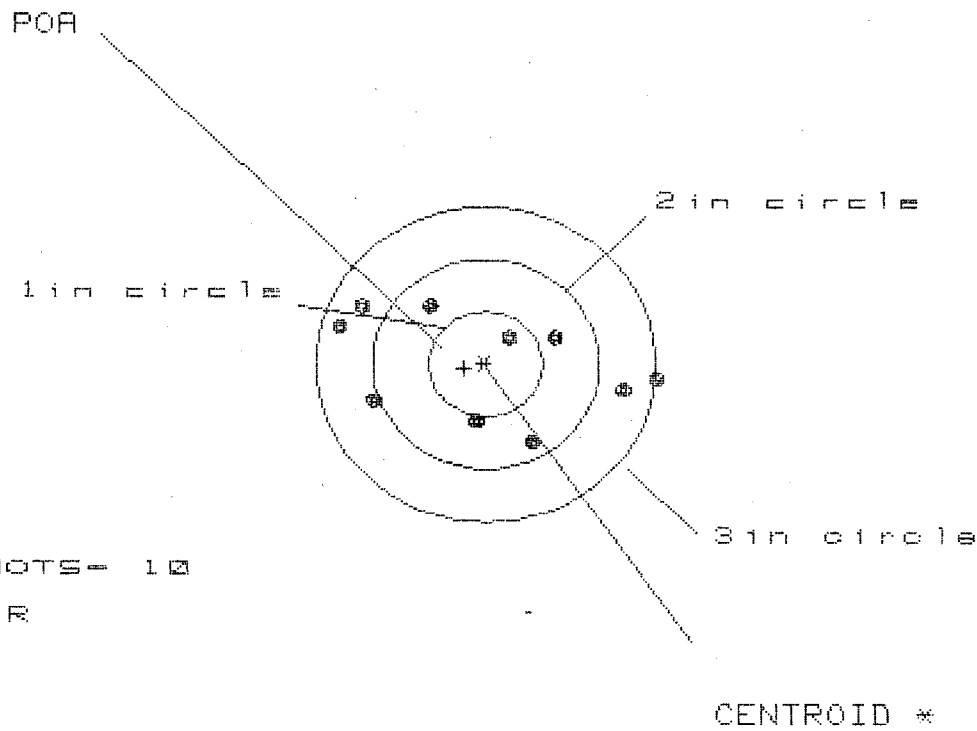
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.802	.831	.803
MINIMUM X	-.835	-.806	-.834
MAXIMUM Y	2.299	2.013	.940
MINIMUM Y	-2.573	-1.294	-1.042
CENTROID X	-.039	-.068	-.040
CENTROID Y	-.349	-.063	-.315
POA TO CENTROID in.	.351	.093	.317
MIN RADIUS	.192	.264	.197
MEAN RADIUS	1.023	.858	.667
MAX RADIUS	2.587	2.025	1.142
HORIZONTAL SPREAD	1.637	1.637	1.637
VERTICAL SPREAD	4.872	3.307	1.982
EXTREME SPREAD	4.899	3.384	2.109
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

4 Dec 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.817

VS= 1.358

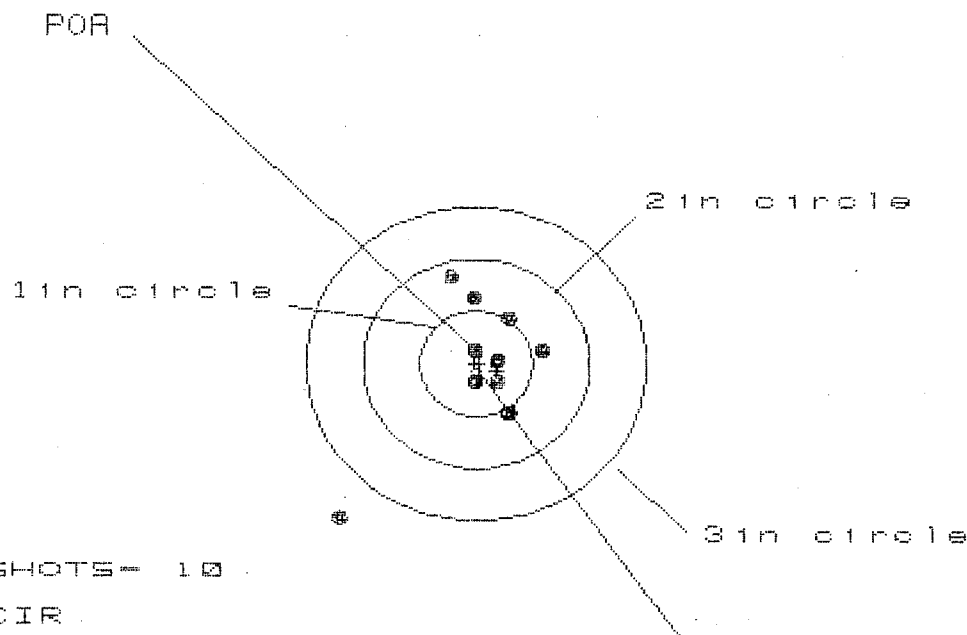
GS= 2.853

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.507	1.345	1.202
MINIMUM X	-1.310	-1.142	-1.018
MAXIMUM Y	.595	.582	.623
MINIMUM Y	-.763	-.776	-.735
CENTROID X	.189	.021	.164
CENTROID Y	.042	.055	.014
POA TO CENTROID in.	.193	.059	.165
MIN RADIUS	.354	.473	.391
MEAN RADIUS	.958	.892	.841
MAX RADIUS	1.512	1.378	1.230
HORIZONTAL SPREAD	2.817	2.487	2.220
VERTICAL SPREAD	1.358	1.358	1.358
EXTREME SPREAD	2.853	2.564	2.390
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

4 Dec 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 4

2in = 9

3in = 9

HS= 1.760

VS= 2.376

GS= 2.591

CENTROID #

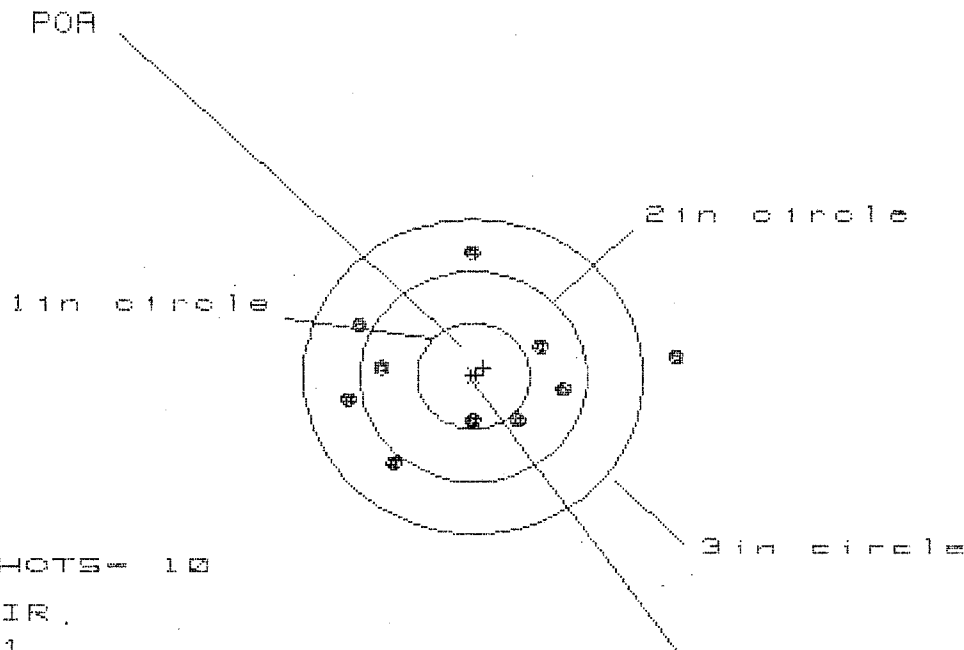
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.554	.420	.381
MINIMUM X	:	-1.206	-.307	-.234
MAXIMUM Y	:	.875	.708	.576
MINIMUM Y	:	-1.501	-.625	-.537
CENTROID X	:	-.183	-.049	-.010
CENTROID Y	:	.068	.235	.147
POA TO CENTROID in.	:	.195	.240	.147
MIN RADIUS	:	.159	.126	.032
MEAN RADIUS	:	.588	.411	.347
MAX RADIUS	:	1.926	.772	.596
HORIZONTAL SPREAD	:	1.760	.727	.615
VERTICAL SPREAD	:	2.376	1.333	1.113
EXTREME SPREAD	:	2.591	1.425	1.155
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	

4 Dec 1991

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR.

1in = 1

2in = 5

3in = 9

HS= 2.889

VS= 1.985

GS= 2.918

PATTERN #

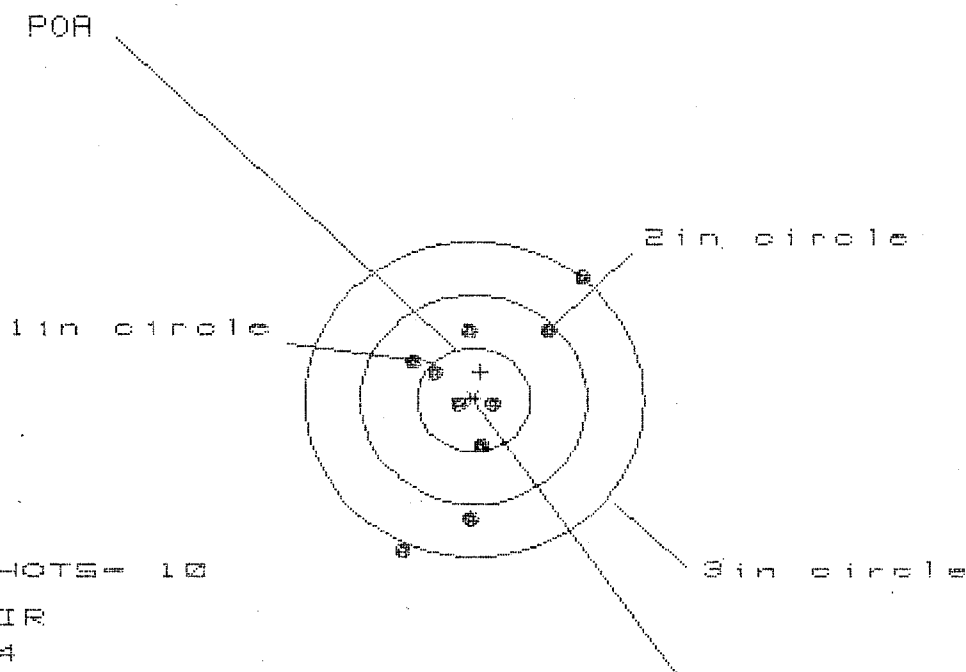
4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.808	1.010	1.028
MINIMUM X	-1.081	-0.880	-0.862
MAXIMUM Y	1.140	1.157	.611
MINIMUM Y	-0.845	-0.828	-0.684
CENTROID X	-0.091	-0.291	-0.309
CENTROID Y	-0.083	-0.100	-0.244
POA TO CENTROID in.	.123	.308	.394
MIN RADIUS	.438	.469	.356
MEAN RADIUS	.958	.852	.792
MAX RADIUS	1.815	1.165	1.028
HORIZONTAL SPREAD	2.889	1.890	1.890
VERTICAL SPREAD	1.985	1.985	1.295
EXTREME SPREAD	2.918	2.086	1.894
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

HE= 1.543

VS= 2.511

GS= 2.947

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.911	.841	.646
MINIMUM X	-.632	-.639	-.534
MAXIMUM Y	1.115	.960	.623
MINIMUM Y	-1.396	-1.336	-1.216
CENTROID	-.061	.009	-.096
CENTROID	-.264	-.109	-.229
POA TO CENTROID in.	.271	.109	.248
MIN RADIUS	.137	.105	.149
MEAN RADIUS	.757	.669	.569
MAX RADIUS	1.532	1.339	1.216
HORIZONTAL SPREAD	1.543	1.480	1.180
VERTICAL SPREAD	2.511	2.296	1.839
EXTREME SPREAD	2.947	2.476	1.920
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		