

FORM

UPC



0 47700 25716 7

C6648992

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARBER - M24 0030388

MODEL 700 TM M24
ORDER NO. 5716
BARREL LENGTH

BARBER - M24 0030389

Remington



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

MODEL 700 TM M24

SERIAL NO.
C6648992

ORDER NO.
5716

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

20



5716 C6648992

ORDER **5716**

MODEL 700 TM M24

UPC

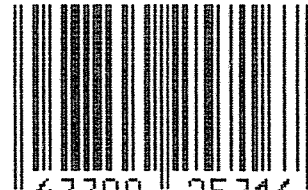


0 47700 25716 7

ORDER **5716**

MODEL 700 TM M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6648992

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	GB
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	DA
	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. #	BARBER NAME M24 0030391	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 ³ / ₄	3 ³ / ₄	3 ³ / ₄			12/3/91	WB
	G) Safety Off Force	3	3	3			12/3/91	WB
	H) Trigger Pull Test & Retainability						12/3/91	WB
	I) Firing Pin Indent	.022	.021	.020			12/3/91	WB
	J) Assemble Stock						12/4/91	RB
	K) Assemble Swivel Studs						12-7-91	AR
	L) Attach Front and Rear Sight Assemblies						12/4/91	RB
	M) Iron Sight Alignment						12/4/91	RB
	N) Detach Front & Rear Sights & place in numbered container						12/4/91	RB
	O) Attach Scope to Rifle						12/4/91	RB
	P) Detach & Attach Scope 20 Times						12/4/91	RB
640	Gallery Target & Test						12-4-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						12-4-91	NF
655	Final Inspection						12-7-91	AR
	A) Headspace						12-5-91	D/H
	B) Trigger Pull	2.31	2.34	2.28	2.28	2.32	12-7-91	AR
	C) Function						12-7-91	AR
660	Pack						12-14-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6648992

DATE 12/3/91

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.32	2.23	2.31	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.21	2.10	2.34	
PULL #3	2.25	2.36	2.11	2.28	
PULL #4	2.33	2.22	2.11	2.28	
PULL #5	2.19	2.21	2.10	2.32	
TOTAL	11.50	11.32	10.65		
AVG.	2.30	2.26	2.13		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.12		
PULL #2	3.07	3.19		
PULL #3	3.21	3.20		
PULL #4	3.22	3.12		
PULL #5	3.27	3.06		
TOTAL	15.96	15.69		
AVG.	3.19	3.14		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.11	4.00		4.07
PULL #2	4.08	4.00		4.04
PULL #3	4.15	4.10		4.25
PULL #4	4.00	4.11		4.11
PULL #5	4.23	4.09		4.21
TOTAL	20.57	20.30		20.68
AVG.	4.11	4.06		4.13

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6648992
4 Dec 1991

CENTROIDAL DISTANCES

0 TO	1	.430262
1 TO	2	.314917
1 TO	3	.395285
1 TO	4	.513287
1 TO	5	.458803

-----FOR

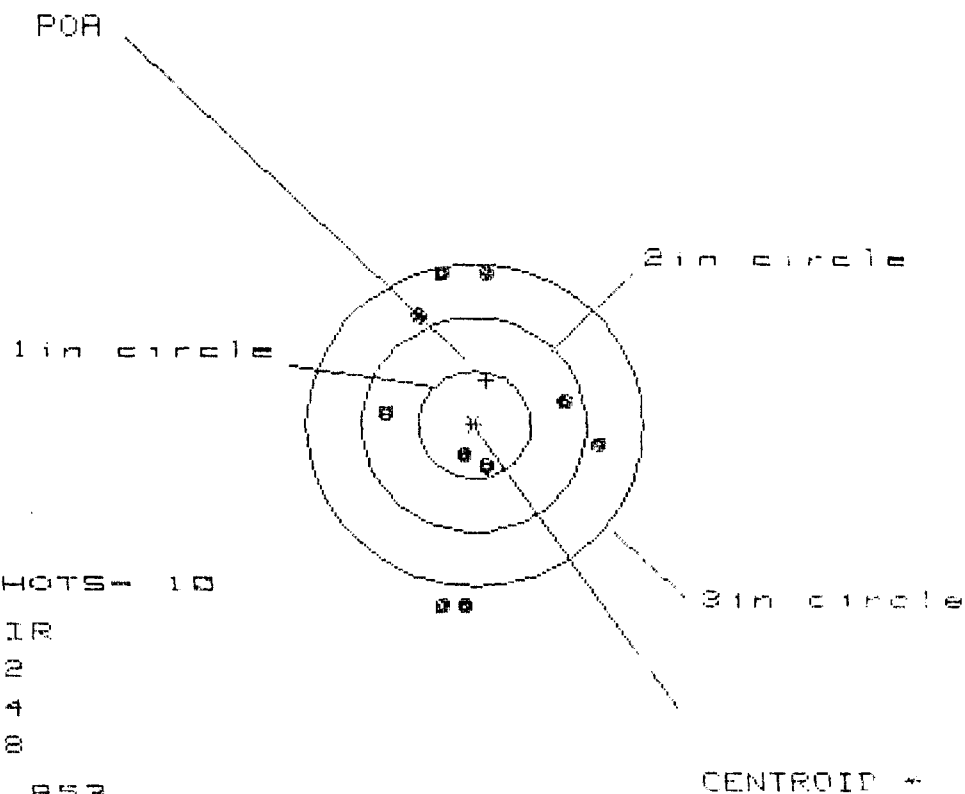
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0522
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0456
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .1096
THE AMR FOR THIS RIFLE IS: 1.139

4 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6646392

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 1.852

VS= 3.171

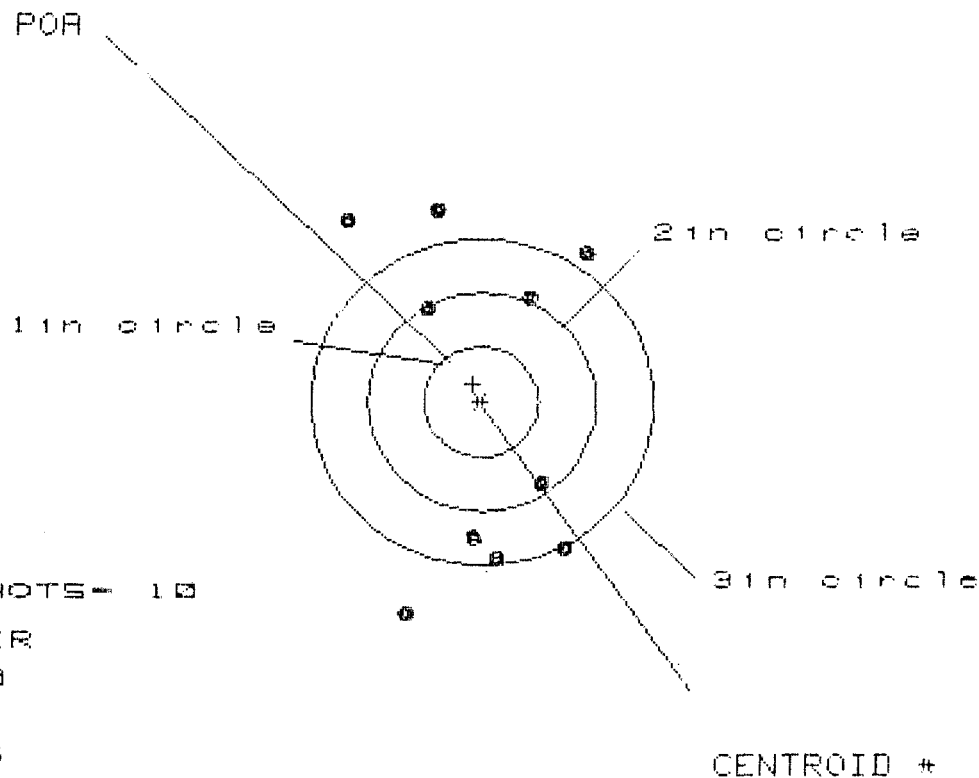
GS= 3.198

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.069	1.037	1.018
MINIMUM X	-.784	-.816	-.835
MAXIMUM Y	1.443	1.251	1.013
MINIMUM Y	-1.728	-1.902	-.788
CENTROID X	-.106	-.074	-.055
CENTROID Y	-.417	-.225	.013
POA TO CENTROID in.	.430	.237	.057
MIN RADIUS	.333	.524	.742
MEAN RADIUS	1.090	1.018	.905
MAX RADIUS	1.751	1.908	1.172
HORIZONTAL SPREAD	1.853	1.853	1.853
VERTICAL SPREAD	3.171	3.153	1.793
EXTREME SPREAD	3.198	3.163	2.036
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

4 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6646392

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 0

2in = 1

3in = 5

HS= 2.191

VS= 3.716

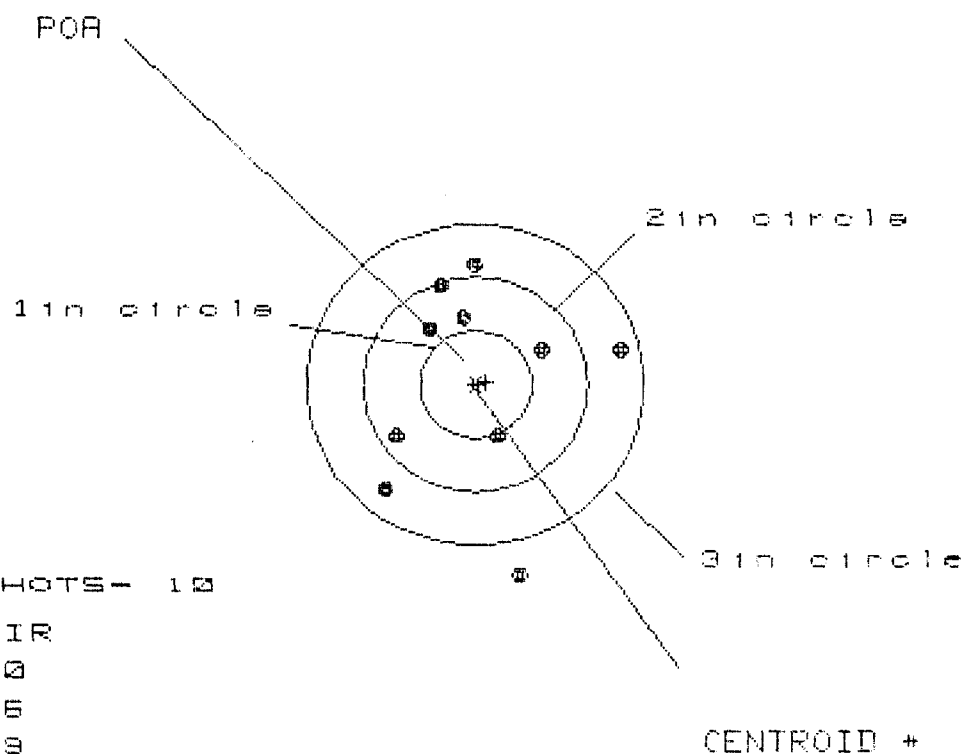
GS= 3.724

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.966	.830	.734
MINIMUM X	:	-1.225	-.770	-.677
MAXIMUM Y	:	1.794	1.983	1.766
MINIMUM Y	:	-1.922	-1.733	-1.495
CENTROID X	:	.076	.212	.308
CENTROID Y	:	-.160	-.349	-.133
POA TO CENTROID in.	:	.177	.408	.335
MIN RADIUS	:	.913	.680	.823
MEAN RADIUS	:	1.482	1.382	1.315
MAX RADIUS	:	2.095	2.053	1.874
HORIZONTAL SPREAD	:	2.191	1.600	1.411
VERTICAL SPREAD	:	3.716	3.716	3.262
EXTREME SPREAD	:	3.724	3.724	3.336
NUMBER IN ONE INCH CIRCLE =			0	
NUMBER IN TWO INCH CIRCLE =			1	
NUMBER IN THREE INCH CIRCLE =			5	

4 Dec 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 9

HS= 2.031

VS= 2.932

GS= 2.961

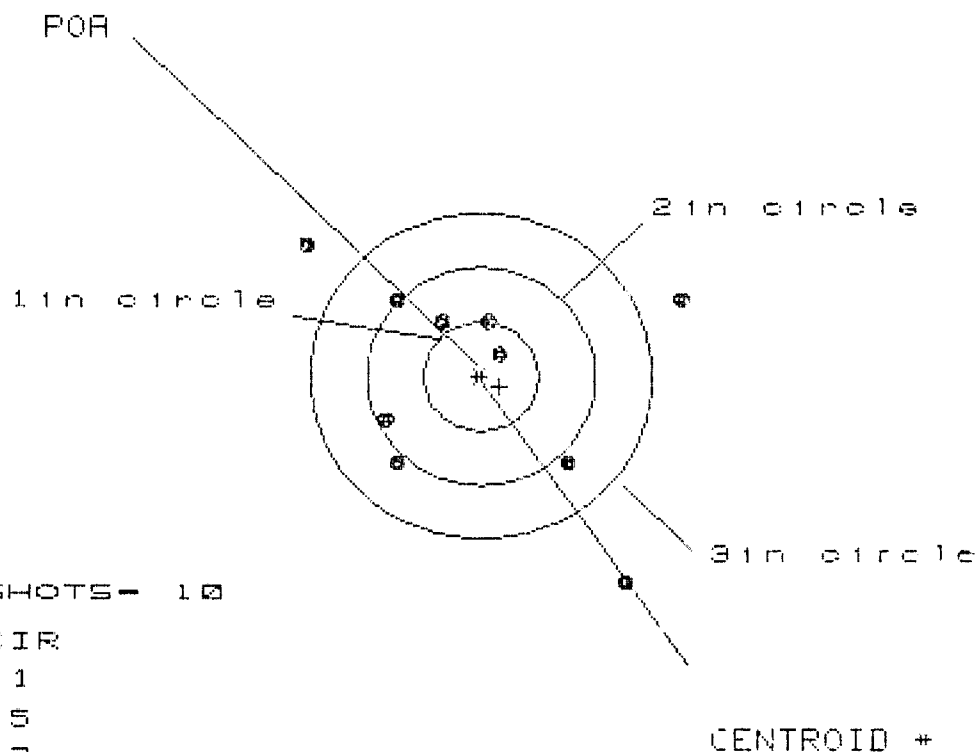
CENTROID +

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.244	1.286	1.193
MINIMUM X	:	-.787	-.745	-.756
MAXIMUM Y	:	1.109	.906	.754
MINIMUM Y	:	-1.823	-1.214	-.831
CENTROID X	:	-.091	-.133	-.040
CENTROID Y	:	-.022	.181	.333
POA TO CENTROID in.	:	.094	.225	.335
MIN RADIUS	:	.508	.397	.305
MEAN RADIUS	:	.982	.844	.742
MAX RADIUS	:	1.862	1.424	1.195
HORIZONTAL SPREAD	:	2.031	2.031	1.949
VERTICAL SPREAD	:	2.932	2.120	1.585
EXTREME SPREAD	:	2.961	2.411	2.093
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 3.319

VS= 3.064

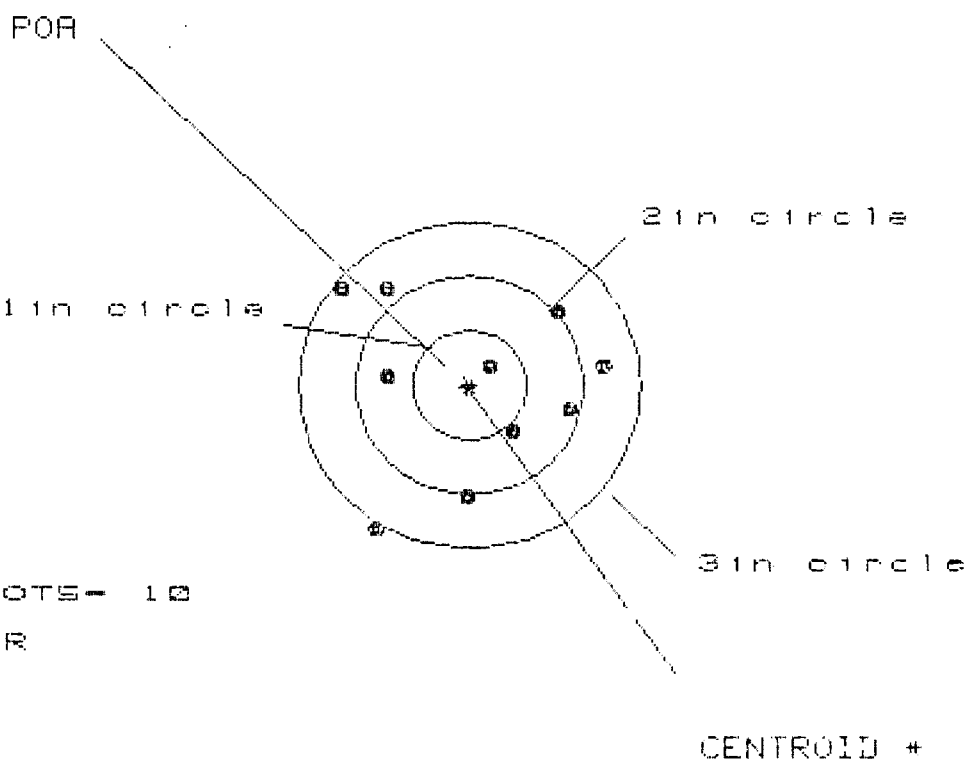
GS= 4.162

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.793	1.925	1.751
MINIMUM X	:	-1.536	-1.394	-.896
MAXIMUM Y	:	1.211	1.005	.605
MINIMUM Y	:	-1.853	-1.015	-.890
CENTROID X	:	-.164	-.306	-.132
CENTROID Y	:	.093	.299	.174
POR TO CENTROID in.	:	.189	.428	.218
MIN RADIUS	:	.253	.307	.174
MEAN RADIUS	:	1.165	.997	.916
MAX RADIUS	:	2.253	1.984	1.852
HORIZONTAL SPREAD	:	3.319	3.319	2.647
VERTICAL SPREAD	:	3.064	2.020	1.495
EXTREME SPREAD	:	4.162	3.360	2.887
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.294

VS= 2.242

GS= 2.571

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.179	1.083	.932
MINIMUM X	:	-1.115	-1.211	-.950
MAXIMUM Y	:	.926	.780	.808
MINIMUM Y	:	-1.316	-1.128	-1.031
CENTROID X	:	.024	.120	.271
CENTROID Y	:	.023	.169	.072
FOR TO CENTROID in.	:	.033	.207	.281
MIN RADIUS	:	.291	.127	.157
MEAN RADIUS	:	.974	.883	.786
MAX RADIUS	:	1.576	1.440	1.248
HORIZONTAL SPREAD	:	2.294	2.294	1.882
VERTICAL SPREAD	:	2.242	1.908	1.839
EXTREME SPREAD	:	2.571	2.424	2.013
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			9	