

BARBER - M24 0066220

FORH

UPC



0 47700 25716 7

66649198

*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 700TM M24

SERIAL NO.

C6649198

ORDER NO.

5716

20

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



5716 C6649198

ORDER 5716

MODEL 700TM M24

UPC



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ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649198

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1	91	RW
600	Proof	10 1	91	RW
607	Check Headspace	10 1	91	RW
610	Dis-assemble Gun	10 1	91	RW
612	Magnaflux Barrel Action		OCT 10 1991	KR
	Magnaflux Bolt		OCT 10 1991	KR
615	Rollmark Caliber		OCT 10 1991	JS
617	Drill and Tap Sight Holes		OCT 10 1991	LB
618	Polish Barrel		10/15/91	WB
620	Apply Coatings (Barrel Action)		11-7-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/11/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/11/91	RW
	C) Inspect Ejector Hole for Chamfer		11/11/91	RW
	D) Oil Firing Pin Ass'y		11/11/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		12-9-91	JS

op. #	BARBER MEM24 0066224	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			12-9-91	gll
	G) Safety Off Force	4	3	3			12-9-91	gll
	H) Trigger Pull Test & Retainability						12-9-91	gll
	I) Firing Pin Indent	.022	.022	.022			12-9-91	gll
	J) Assemble Stock						12/10/91	RW
	K) Assemble Swivel Studs						12-12-91	gll
	L) Attach Front and Rear Sight Assemblies						12/10/91	RW
	M) Iron Sight Alignment						12/10/91	RW
	N) Detach Front & Rear Sights & place in numbered container						12/10/91	RW
	O) Attach Scope to Rifle						12/10/91	RW
	P) Detach & Attach Scope 20 Times						12/10/91	RW
640	Gallery Target & Test						12-11-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						12-11-91	NF
655	Final Inspection							
	A) Headspace						12-12-91	gll
	B) Trigger Pull	2.79	2.72	2.75	2.66	2.67	12-12-91	gll
	C) Function						12-12-91	gll
660	Pack						12-11-91	NF

12-12-91
12-12-91
12-12-91

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C-6649198DATE 12-9-91TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.63	2.25	2.79	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.21	2.37	2.38	2.72	
PULL #3	2.48	2.64	2.44	2.75	
PULL #4	2.27	2.31	2.38	2.66	
PULL #5	2.61	2.22	2.36	2.67	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.46	3.53		
PULL #2	3.35	3.54		
PULL #3	3.31	3.36		
PULL #4	3.18	3.61		
PULL #5	3.49	3.62		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.64	4.32		4.58
PULL #2	4.55	4.38		4.25
PULL #3	4.35	4.43		4.64
PULL #4	4.36	4.43		4.40
PULL #5	4.38	4.42		4.63
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06649198
11 Dec 1991

CENTROIDAL DISTANCES

0 TO 1	.293138
1 TO 2	.162188
1 TO 3	.125543
1 TO 4	.265754
1 TO 5	.23448

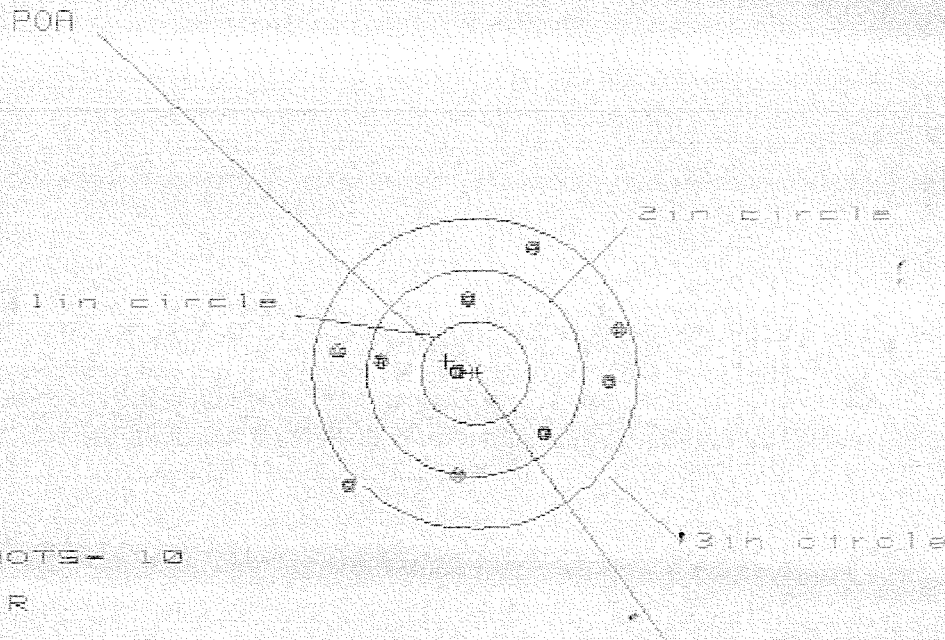
-----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1386
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1346
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .193262
THE AMR FOR THIS RIFLE IS: .9176

11 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6640193

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 3.595

VS= 2.245

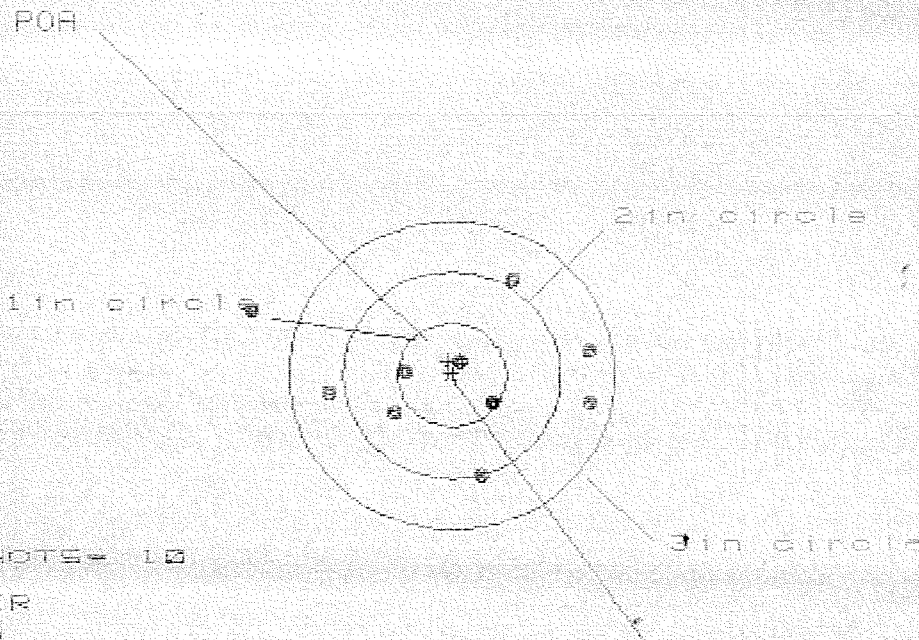
GS= 2.835

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.312	1.187	1.227
MINIMUM X	-1.293	-1.408	-1.259
MAXIMUM Y	1.177	1.059	1.093
MINIMUM Y	-1.068	-1.066	-1.032
CENTROID X	.267	.392	.243
CENTROID Y	-.121	-.003	-.036
POA TO CENTROID in.	.294	.392	.246
MIN RADIUS	.188	.314	.161
MEAN RADIUS	1.025	.967	.910
MAX RADIUS	1.547	1.412	1.267
HORIZONTAL SPREAD	2.595	2.595	2.486
VERTICAL SPREAD	2.245	2.125	2.125
EXTREME SPREAD	2.835	2.600	2.508
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

[1] Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649198

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 4

3 in = 9

HS = 3.106

VS = 1.955

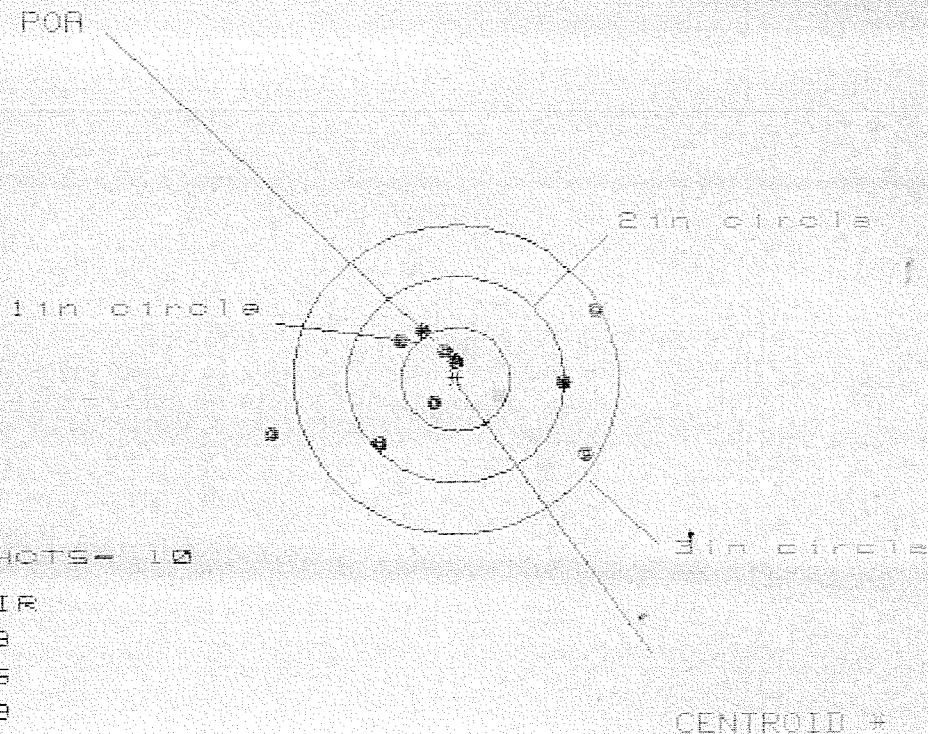
GS = 3.191

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.300	1.100	1.194
MINIMUM X	-1.806	-1.291	-1.154
MAXIMUM Y	.963	1.036	1.070
MINIMUM Y	-.992	-.919	-.885
CENTROID X	.033	.233	.096
CENTROID Y	-.136	-.209	-.243
POA TO CENTROID in.	.140	.314	.261
MIN RADIUS	.183	.223	.271
MEAN RADIUS	.939	.820	.768
MAX RADIUS	1.924	1.294	1.195
HORIZONTAL SPREAD	3.106	2.391	2.338
VERTICAL SPREAD	1.955	1.955	1.955
EXTREME SPREAD	3.191	2.417	2.340
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

11 Dec 1991

FILE: /PATTERNING/CENTERFIRE_PATT/06648198

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 3.022

VS= 1.410

GS= 3.227

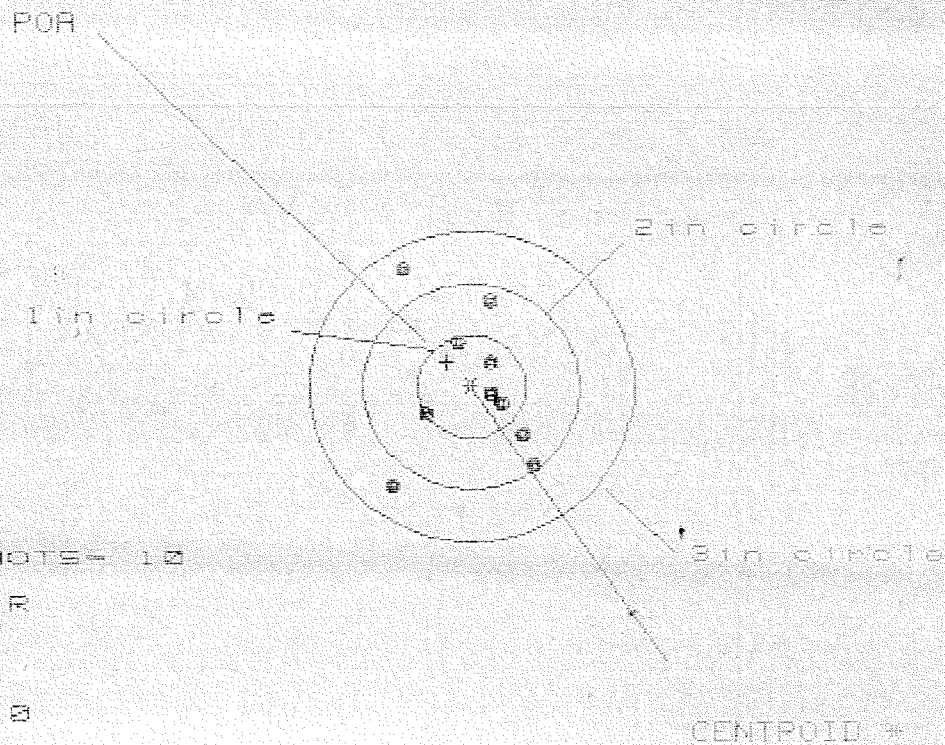
CENTROID #

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.298	1.107	1.148
MINIMUM X	-1.724	-.867	-.729
MAXIMUM Y	.649	.595	.501
MINIMUM Y	-.761	-.815	-.740
CENTROID X	.007	.198	.060
CENTROID Y	-.176	-.122	-.197
POA TO CENTROID in.	.176	.233	.206
MIN RADIUS	.189	.260	.224
MEAN RADIUS	.859	.780	.684
MAX RADIUS	1.790	1.297	1.366
HORIZONTAL SPREAD	3.022	1.974	1.877
VERTICAL SPREAD	1.410	1.410	1.241
EXTREME SPREAD	3.227	2.325	2.078
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

11 Dec 1981

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 5

2in = 8

3in = 10

HS= 1.307

VS= 2.089

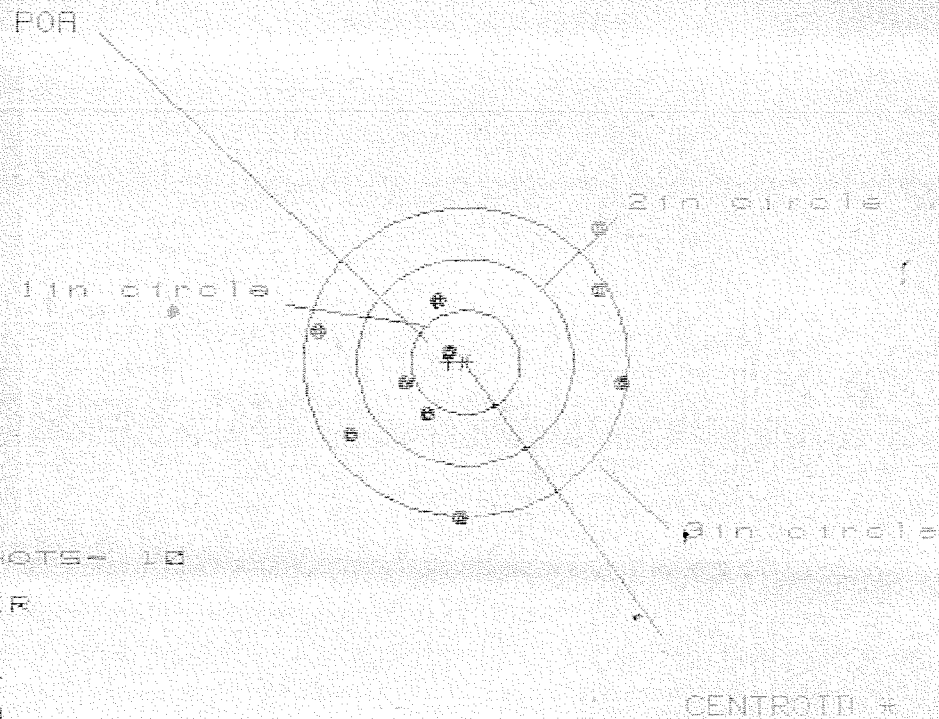
GS= 2.274

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.563	.491	.369
MINIMUM X	-.744	-.816	-.574
MAXIMUM Y	1.153	.956	.855
MINIMUM Y	-.936	-.808	-.744
CENTROID X	.227	.299	.401
CENTROID Y	-.240	-.368	-.267
POA TO CENTROID in.	.330	.474	.402
MIN RADIUS	.214	.175	.039
MEAN RADIUS	.676	.592	.487
MAX RADIUS	1.323	1.148	.856
HORIZONTAL SPREAD	1.307	1.307	.963
VERTICAL SPREAD	2.089	1.764	1.599
EXTREME SPREAD	2.274	2.004	1.638
NUMBER IN ONE INCH CIRCLE =		5	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

11 Dec 1981

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

HS= 2.754

VS= 2.746

GS= 3.057

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.413	1.551	1.558
MINIMUM X	-1.341	-1.203	-1.196
MAXIMUM Y	1.288	.854	.690
MINIMUM Y	-1.458	-1.315	-1.744
CENTROID X	.159	.021	.014
CENTROID Y	-.000	-.143	.021
POA TO CENTROID in.	.159	.145	.025
MIN RADIUS	.218	.292	.128
MEAN RADIUS	1.089	.979	.917
MAX RADIUS	1.786	1.594	1.568
HORIZONTAL SPREAD	2.754	2.754	2.754
VERTICAL SPREAD	2.746	2.169	1.434
EXTREME SPREAD	3.057	2.799	2.799
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	9	