

FORM

UPC



0 47700 25716 2

C6665904

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

5716

ORDER NO.

MODEL 700 TM M24

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665904

ORDER NO.

5716

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

20



5716 C6665904

ORDER 5716

MODEL 700 TM M24

UPC

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6665904

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/26/91	YH
600	Proof		9/26/91	YH
607	Check Headspace		9/26/91	YH
610	Dis-assemble Gun		9/26/91	YH
612	Magnaflux Barrel Action	OCT	4 1991	KCR
	Magnaflux Bolt	OCT	4 1991	KCR
615	Rollmark Caliber	OCT	4 1991	GS
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	YH
	Apply Coating (Bolt)		10-18-91	YH
625	Final Assembly A) Clean inside of Bolt Assembly		11/26/91	YH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/26/91	YH
	C) Inspect Ejector Hole for Chamfer		11/26/91	YH
	D) Oil Firing Pin Ass'y		11/26/91	YH
	E) Adjust Trigger Pull to Min Setting and Stake		12-2-91	YH

op. #	BARBER M24 0103863	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			12-2-91	9/1
	G) Safety Off Force	4	4	4			12-2-91	9/1
	H) Trigger Pull Test & Retainability						12-2-91	9/1
	I) Firing Pin Indent	.021	.021	.021			12-2-91	9/1
	J) Assemble Stock						12/2/91	9/1
	K) Assemble Swivel Studs						12-4-91	AC
	L) Attach Front and Rear Sight Assemblies						12/3/91	9/1
	M) Iron Sight Alignment						12/3/91	9/1
	N) Detach Front & Rear Sights & place in numbered container						12/3/91	9/1
	O) Attach Scope to Rifle						12/3/91	9/1
	P) Detach & Attach Scope 20 Times						12/3/91	9/1
640	Gallery Target & Test						12/3/91	1CT
	A) Time							1CT
	B) Malfunctions							1CT
	C) Pierced Primers							1CT
	D) Optical Clarity of Scope							1CT
645	Inspect for Live Ammo						12/3/91	1CT
655	Final Inspection						12-4-91	AC
	A) Headspace						12-5-91	AC
	B) Trigger Pull	2.72	2.49	2.54	2.64	2.49	12-5-91	AC
	C) Function						12-4-91	AC
660	Pack							

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

SERIAL NO 6665904DATE 12-2-91TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.25	2.38	2.72	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.36	2.24	2.40	2.49	
PULL #3	2.36	2.26	2.28	2.54	
PULL #4	2.29	2.35	2.40	2.64	
PULL #5	2.29	2.29	2.36	2.49	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.47	3.54		
PULL #2	3.55	3.53		
PULL #3	3.49	3.54		
PULL #4	3.49	3.46		
PULL #5	3.49	3.58		
TOTAL				
AVG.				

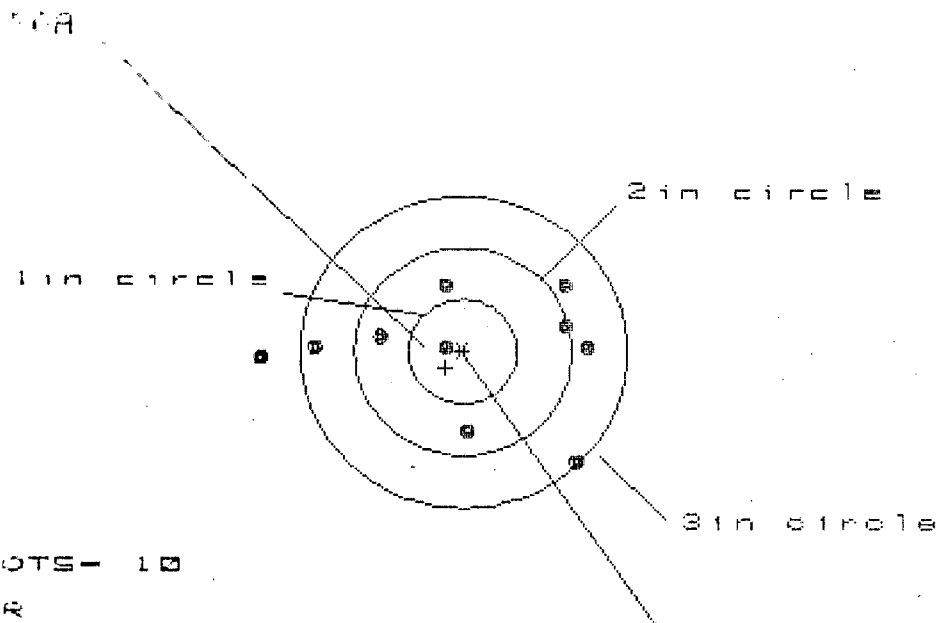
	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.41		4.36
PULL #2	4.43	4.41		4.39
PULL #3	4.39	4.41		4.40
PULL #4	4.38	4.22		4.40
PULL #5	4.41	4.24		4.41
TOTAL				
AVG.				

101

FILE:/FATTERING/CENTERFIRE_PATT/06665304

CENTERFIRE PATTERNS

5



OF SHOTS - 10

1st CIR

1st CIR

2nd CIR

3rd CIR

4th CIR

5th CIR

6th CIR

CENTROID *

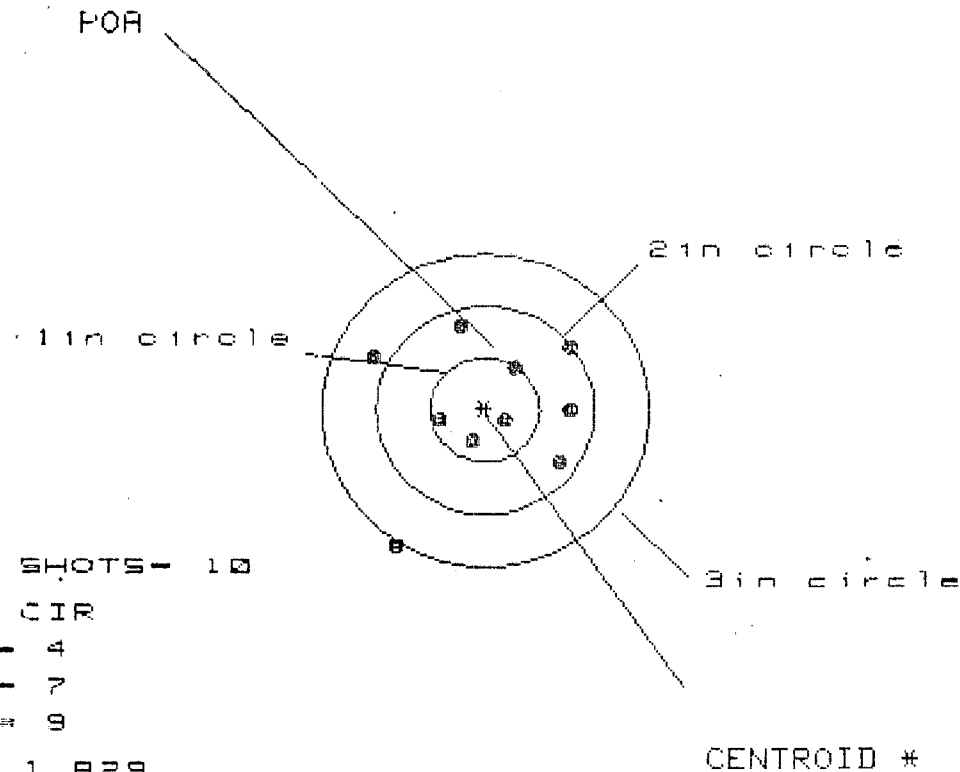
SHOT	10	9	8
1st CIR	1.157	.956	1.064
2nd CIR	1.815	-1.570	-1.462
3rd CIR	.646	.635	.507
4th CIR	-1.017	-1.028	-.865
5th CIR	.112	.364	.256
6th CIR	.158	.167	.295
7th CIR	.325	.401	.391
8th CIR	.147	.330	.221
9th CIR	1.828	.936	.863
10th CIR	1.817	1.570	1.468
11th CIR	1.972	2.526	2.526
12th CIR	1.803	1.663	1.372
13th CIR	3.026	2.645	2.526
14th CIR	-	1	-
15th CIR	-	5	-
16th CIR	-	9	-

3 DEC 1991

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 9

HS- 1.829

VS- 2.171

GS- 2.542

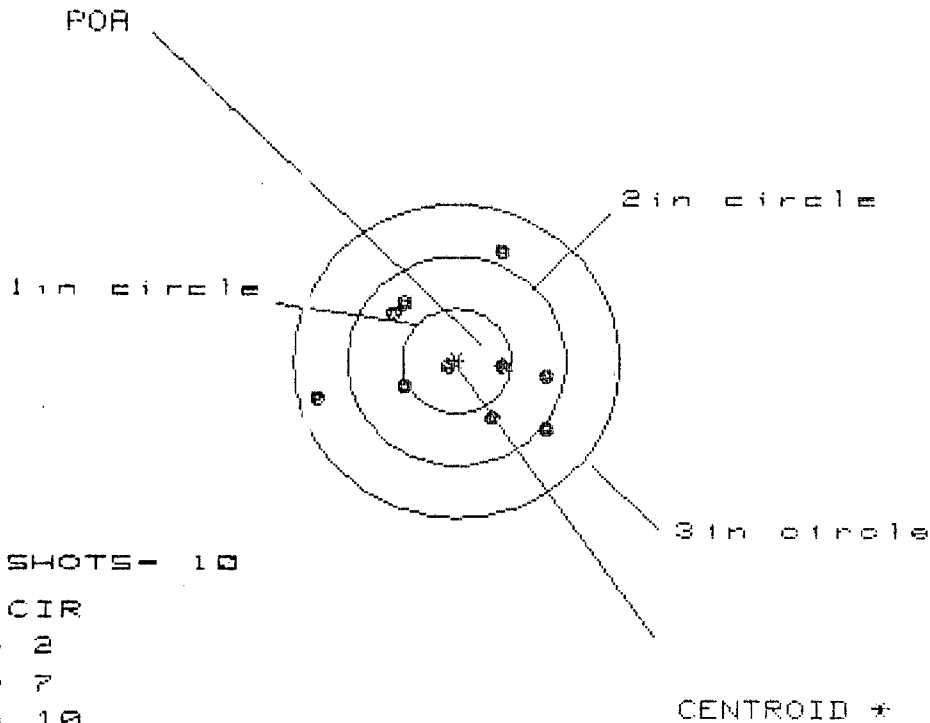
CENTROID *

PATTERN #	4	9	8
SHOTS OUT OF	10	9	8
MAXIMUM X	.820	.725	.587
MINIMUM X	-1.009	-1.104	-.700
MAXIMUM Y	.835	.687	.736
MINIMUM Y	-1.336	-.665	-.616
CENTROID X	-.277	-.182	-.044
CENTROID Y	-.404	-.256	-.305
POA TO CENTROID IN.	.490	.314	.309
MIN SPREAD	.213	.266	.205
MEAN SPREAD	.769	.669	.586
MAX SPREAD	1.585	1.173	.882
HORIZONTAL SPREAD	1.829	1.829	1.207
VERTICAL SPREAD	2.171	1.352	1.352
EXTREME SPREAD	2.542	2.028	1.664
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

3 Dec 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 2.148

VS= 1.688

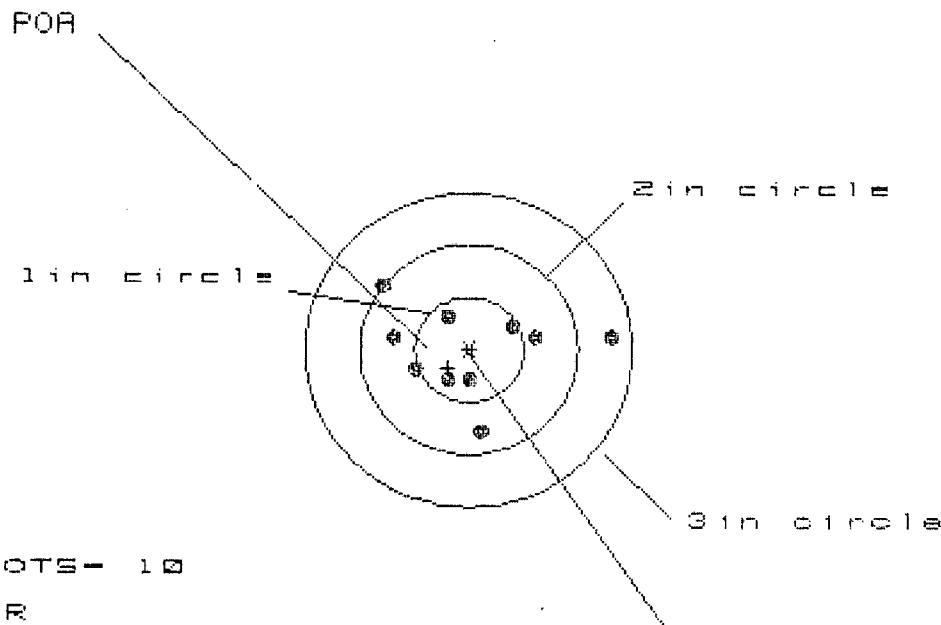
GS= 2.198

PATTERN #	:	3	9	8
SHOTS (LEFT OF)	:	0	9	8
MAXIMUM X	:	.840	.694	.725
MINIMUM X	:	-1.308	-.707	-.676
MAXIMUM Y	:	1.049	1.011	.598
MINIMUM Y	:	-.639	-.677	-.551
CENTROID X	:	-.420	-.274	-.305
CENTROID Y	:	.042	.080	-.046
POA TO CENTROID in.	:	.422	.286	.308
MIN RADIUS	:	.089	.220	.157
MEAN RADIUS	:	.740	.671	.605
MAX RADIUS	:	1.354	1.040	.910
HORIZONTAL SPREAD	:	2.148	1.401	1.401
VERTICAL SPREAD	:	1.688	1.688	1.149
EXTREME SPREAD	:	2.198	1.771	1.771
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

3 Dec 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in - 4

2in - 8

3in - 10

HS- 2.086

VS- 1.421

GS- 2.155

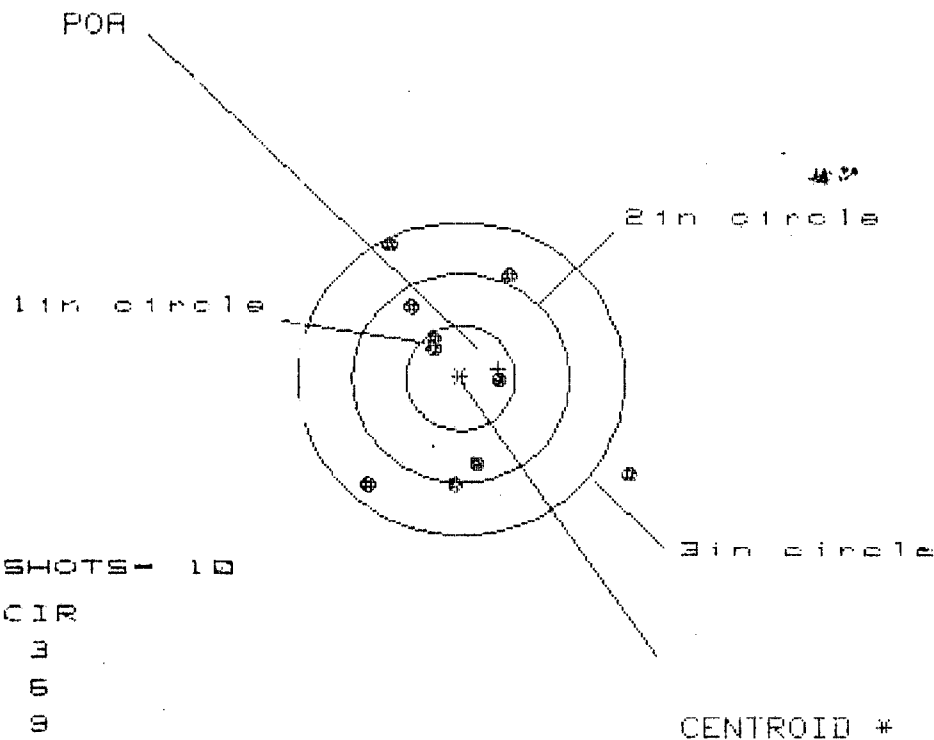
CENTROID #

PATTERN #	:	12	9	8
SHOTS (BEST OF)	:	0	9	8
MAXIMUM X	:	1.301	.778	.698
MINIMUM X	:	-.785	-.640	-.643
MAXIMUM Y	:	.670	.684	.444
MINIMUM Y	:	-.751	-.737	-.651
CENTROID X	:	.194	.049	.129
CENTROID Y	:	.177	.163	.077
POA TO CENTROID in.	:	.263	.170	.150
MIN RADIUS	:	.312	.288	.211
MEAN RADIUS	:	.649	.556	.496
MAX RADIUS	:	1.308	.937	.720
HORIZONTAL SPREAD	:	2.086	1.418	1.341
VERTICAL SPREAD	:	1.421	1.421	1.095
EXTREME SPREAD	:	2.155	1.651	1.343
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

Dec 1991

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CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 2.447

VS= 2.341

GS= 3.077

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.580	.640	.586
MINIMUM X	:	-.867	-.692	-.746
MAXIMUM Y	:	1.290	1.194	1.053
MINIMUM Y	:	-1.051	-1.147	-.998
CENTROID X	:	-.345	-.520	-.466
CENTROID Y	:	-.087	.009	-.140
POR TO CENTROID in.	:	.356	.520	.486
MIN RADII	:	.309	.249	.408
MEAN RADII	:	.951	.828	.786
MAX RADII	:	1.803	1.340	1.246
HORIZONTAL SPREAD	:	2.447	1.332	1.332
VERTICAL SPREAD	:	2.341	2.341	2.051
EXTREME SPREAD	:	3.077	2.446	2.446
NUMBER IN ONE INCH CIRCLE =	:	3		
NUMBER IN TWO INCH CIRCLE =	:	6		
NUMBER IN THREE INCH CIRCLE =	:	9		