

FORM

UPC



0 47700 25716 7

C6665722

*INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

CAPACITY*

Remington



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

MODEL 700 TM M24

SERIAL NO.
C6665722

20

ORDER NO.
5716

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



5716 C6665722

ORDER **5716**

MODEL 700 TM M24

UPC

ORDER **5716**

MODEL 700 TM M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665722

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1	91	PW
600	Proof	10 1	91	PW
607	Check Headspace	10 1	91	PW
610	Dis-assemble Gun	10 1	91	PW
612	Magnaflux Barrel Action	OCT	4 1991	KR
	Magnaflux Bolt	OCT	4 1991	KR
615	Rollmark Caliber	OCT	4 1991	GS
617	Drill and Tap Sight Holes	OCT	4 1991	KB
618	Polish Barrel		10/8/91	WB
620	Apply Coatings (Barrel Action)		10-22-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/22/91	PW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/91	PW
	C) Inspect Ejector Hole for Chamfer		10/22/91	PW
	D) Oil Firing Pin Ass'y		10/22/91	PW
	E) Adjust Trigger Pull to Min Setting and Stake		11-8-91	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			11-11-91	PH
	G) Safety Off Force	3	3	3			11-11-91	PH
	H) Trigger Pull Test & Retainability						11-8-91	PH
	I) Firing Pin Indent	.021	.021	.021			11-11-91	PH
	J) Assemble Stock						11/14/91	RW
	K) Assemble Swivel Studs						11-19-91	D/H
	L) Attach Front and Rear Sight Assemblies						11/11/91	RW
	M) Iron Sight Alignment						11/14/91	RW
	N) Detach Front & Rear Sights & place in numbered container						11/11/91	RW
	O) Attach Scope to Rifle						11/14/91	RW
	P) Detach & Attach Scope 20 Times						11/11/91	RW
640	Gallery Target & Test						11-14-91	PH
	A) Time						11-14-91	PH
	B) Malfunctions						11-14-91	PH
	C) Pierced Primers						11-14-91	PH
	D) Optical Clarity of Scope						11-14-91	PH
645	Inspect for Live Ammo						11-14-91	PH
655	Final Inspection						11-19-91	PH
	A) Headspace						11-14-91	PH
	B) Trigger Pull	231	242	242	248	243	11-14-91	PH
	C) Function						11-19-91	PH
660	Pack						12-19-91	N

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6665722
DATE 11-8-91
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.28	2.37	2.40	2.31	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.39	2.48	2.42	
PULL #3	2.37	2.46	2.48	2.42	
PULL #4	2.40	2.44	2.43	2.48	
PULL #5	2.39	2.34	2.44	2.47	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.66	3.57		
PULL #2	3.58	3.50		
PULL #3	3.57	3.53		
PULL #4	3.62	3.63		
PULL #5	3.49	3.48		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.45		4.47
PULL #2	4.58	4.56		4.45
PULL #3	4.55	4.41		4.55
PULL #4	4.55	4.28		4.55
PULL #5	4.46	4.47		4.42
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665722
15 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.406016
1 TO	2	.567565
1 TO	3	.635897
1 TO	4	.683953
1 TO	5	.577437

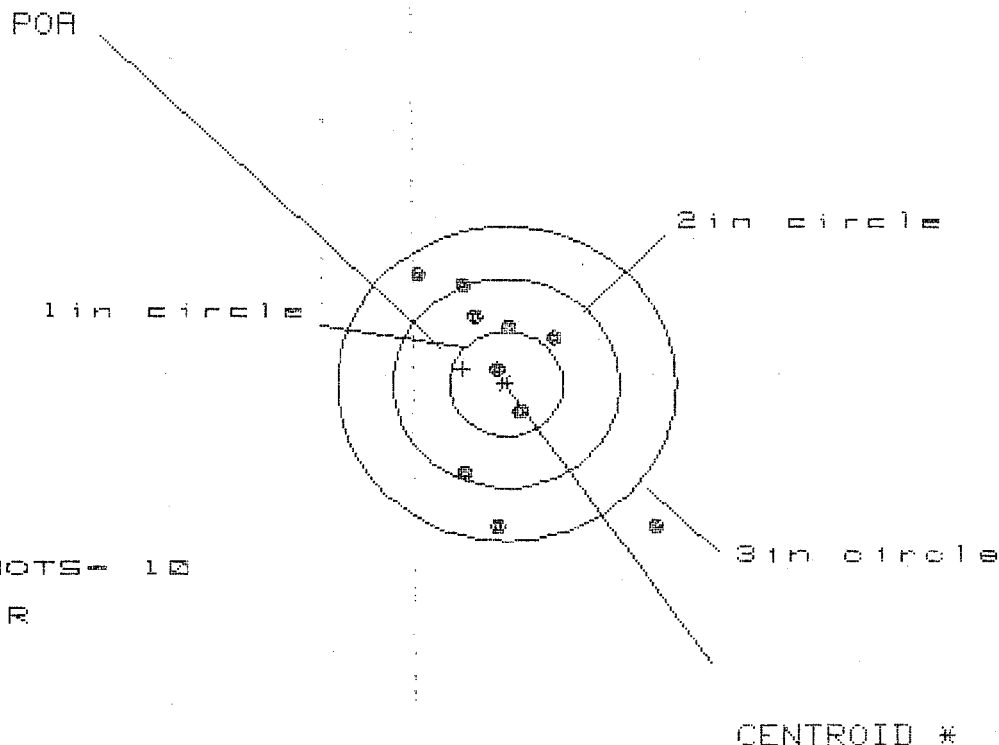
$\frac{4^2}{3+1}$ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0136
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0718
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0730767
THE AMR FOR THIS RIFLE IS: .969

15 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6865722

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.112

VS= 2.394

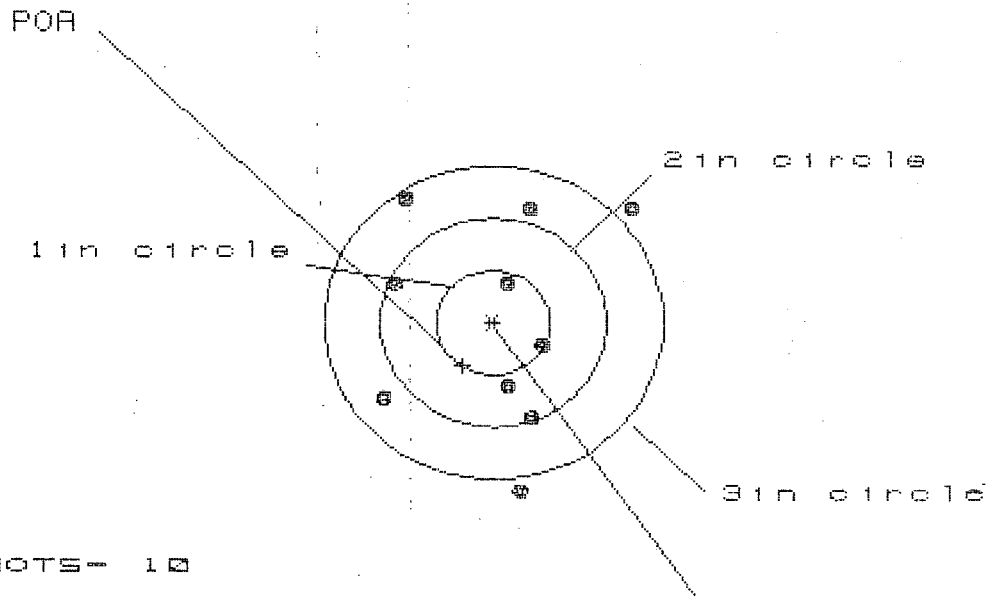
GS= 3.192

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.349	.598	.609
MINIMUM X	-.763	-.613	-.602
MAXIMUM Y	1.030	.878	.693
MINIMUM Y	-1.364	-1.487	-1.188
CENTROID X	.380	.230	.219
CENTROID Y	-.143	.009	.194
FOR TO CENTROID in.	.406	.230	.292
MIN RADIUS	.194	.051	.182
MEAN RADIUS	.880	.723	.597
MAX RADIUS	1.918	1.489	1.203
HORIZONTAL SPREAD	2.112	1.211	1.211
VERTICAL SPREAD	2.394	2.365	1.881
EXTREME SPREAD	3.192	2.468	1.926
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

15 Nov 1931

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.177

VS= 2.831

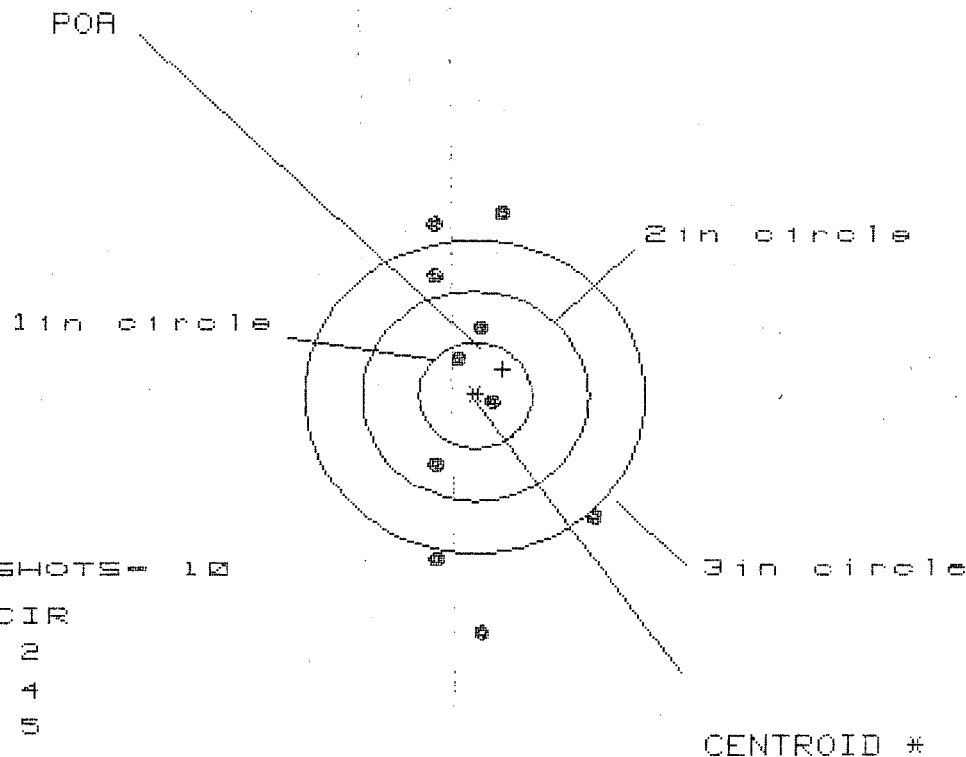
GS= 2.897

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.185	1.208	.560
MINIMUM X	:	-.992	-.969	-.818
MAXIMUM Y	:	1.202	1.021	1.132
MINIMUM Y	:	-1.629	-1.079	-.968
CENTROID X	:	.271	.248	.097
CENTROID Y	:	.414	.595	.484
POA TO CENTROID in.	:	.495	.644	.494
MIN RADIUS	:	.370	.208	.387
MEAN RADIUS	:	1.036	.961	.896
MAX RADIUS	:	1.642	1.497	1.281
HORIZONTAL SPREAD	:	2.177	2.177	1.378
VERTICAL SPREAD	:	2.831	2.100	2.100
EXTREME SPREAD	:	2.997	2.828	2.390
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

15 Nov 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 5

HS= 1.392

VS= 4.024

GS= 4.030

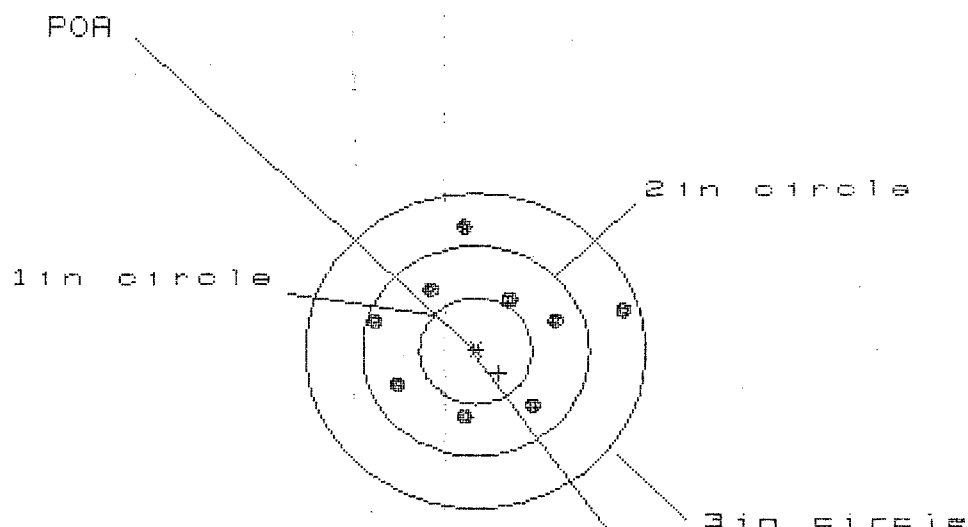
PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.011	1.020	1.057
MINIMUM X	-.381	-.372	-.335
MAXIMUM Y	1.798	1.551	1.636
MINIMUM Y	-2.226	-1.788	-1.594
CENTROID X	-.247	-.256	-.293
CENTROID Y	-.249	-.002	-.196
FOR TO CENTROID in.	.351	.256	.352
MIN RADIUS	.102	.170	.163
MEAN RADIUS	1.195	1.042	.984
MAX RADIUS	2.227	1.818	1.661
HORIZONTAL SPREAD	1.392	1.392	1.392
VERTICAL SPREAD	4.024	3.339	3.230
EXTREME SPREAD	4.030	3.397	3.230
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	5		

15 Nov 1991

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 0

2in = 7

3in = 9

HS= 2.188

VS= 3.091

GS= 3.164

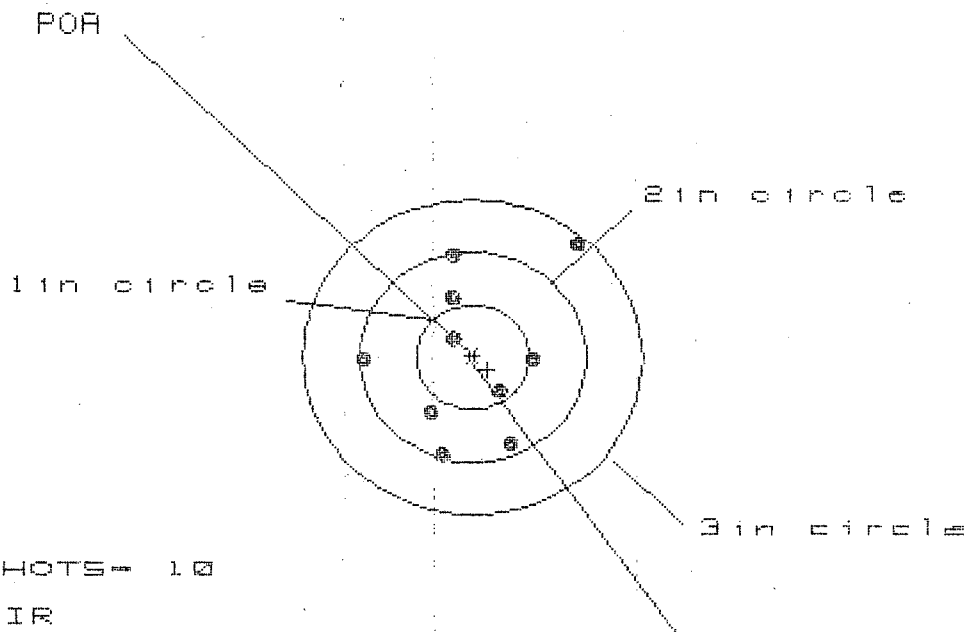
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.329	1.242	.812
MINIMUM X	-.859	-.946	-.790
MAXIMUM Y	1.215	1.006	1.023
MINIMUM Y	-1.876	-.792	-.774
CENTROID X	-.204	-.117	-.273
CENTROID Y	.213	.422	.404
POA TO CENTROID in.	.295	.438	.488
MIN RADIUS	.585	.363	.480
MEAN RADIUS	.968	.824	.764
MAX RADIUS	2.033	1.250	1.024
HORIZONTAL SPREAD	2.188	2.188	1.602
VERTICAL SPREAD	3.091	1.798	1.798
EXTREME SPREAD	3.164	2.190	1.798
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

15 May 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HS= 1.969

VS= 1.994

GS= 2.378

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.978	.671	.645
MINIMUM X	-.991	-.883	-.909
MAXIMUM Y	1.038	1.070	.965
MINIMUM Y	-.956	-.841	-.802
CENTROID X	-.132	-.240	-.214
CENTROID Y	.124	.009	.114
POA TO CENTROID in.	.181	.240	.243
MIN RADIUS	.194	.244	.151
MEAN RADIUS	.766	.683	.650
MAX RADIUS	1.426	1.071	.967
HORIZONTAL SPREAD	1.969	1.554	1.554
VERTICAL SPREAD	1.994	1.911	1.767
EXTREME SPREAD	2.378	1.919	1.841
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	