

FORM

UPC



0 47700 25716 7

C6665931

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

MODEL 700 TM M24

ORDER NO.

5715

Remington



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

MODEL 700 TM M24

SERIAL NO.
C6665931

ORDER NO.
5716

20

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



5716 C6665931

ORDER **5716**
MODEL 700 TM M24
UPC



0 47700 25716 7

ORDER **5716**
MODEL 700 TM M24
UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665931

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 4 1991	KR
	Magnaflux Bolt		OCT 4 1991	KR
615	Rollmark Caliber		OCT 4 1991	YB.
617	Drill and Tap Sight Holes		OCT 4 1991	FB
618	Polish Barrel		10/8/91	WLB
620	Apply Coatings (Barrel Action)		10-22-91	FB
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/22/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/91	RW
	C) Inspect Ejector Hole for Chamfer		10/22/91	RW
	D) Oil Firing Pin Ass'y		10/22/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-8-91	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			11-11-91	JP
	G) Safety Off Force	2	3	2			11-11-91	JP
	H) Trigger Pull Test & Retainability						11-8-91	JP
	I) Firing Pin Indent	.020	.020	.020			11-11-91	JP
	J) Assemble Stock						11/15/91	RW
	K) Assemble Swivel Studs						11-19-91	D/H
	L) Attach Front and Rear Sight Assemblies						11/15/91	RW
	M) Iron Sight Alignment						11/15/91	RW
	N) Detach Front & Rear Sights & place in numbered container						11/15/91	RW
	O) Attach Scope to Rifle						11/15/91	RW
	P) Detach & Attach Scope 20 Times						11/15/91	RW
640	Gallery Target & Test						11-15-91	AC
	A) Time						11-15-91	AC
	B) Malfunctions						11-15-91	AC
	C) Pierced Primers						11-15-91	AC
	D) Optical Clarity of Scope						11-15-91	AC
645	Inspect for Live Ammo						11-15-91	AC
655	Final Inspection							
	A) Headspace						11-15-91	D/H
	B) Trigger Pull	263	252	257	266	264	11-15-91	D/H
	C) Function						11-15-91	D/H
660	Pack						12-19-91	NF

SWS TRIGGER PULL TEST

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

SERIAL NO C-6665931
DATE 11-8-91
TESTER JF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.69	2.43	2.44	2.63	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.56	2.56	2.51	2.52	
PULL #3	2.39	2.47	2.55	2.57	
PULL #4	2.50	2.53	2.40	2.66	
PULL #5	2.48	2.53	2.38	2.64	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.69	3.37		
PULL #2	3.41	3.44		
PULL #3	3.27	3.34		
PULL #4	3.38	3.37		
PULL #5	3.44	3.60		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.32		4.37
PULL #2	4.31	4.32		4.34
PULL #3	4.28	4.34		4.38
PULL #4	4.30	4.39		4.40
PULL #5	4.27	4.38		4.45
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665931
18 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.128141
1 TO	2	.112361
1 TO	3	.0935201
1 TO	4	.104661
1 TO	5	.181246

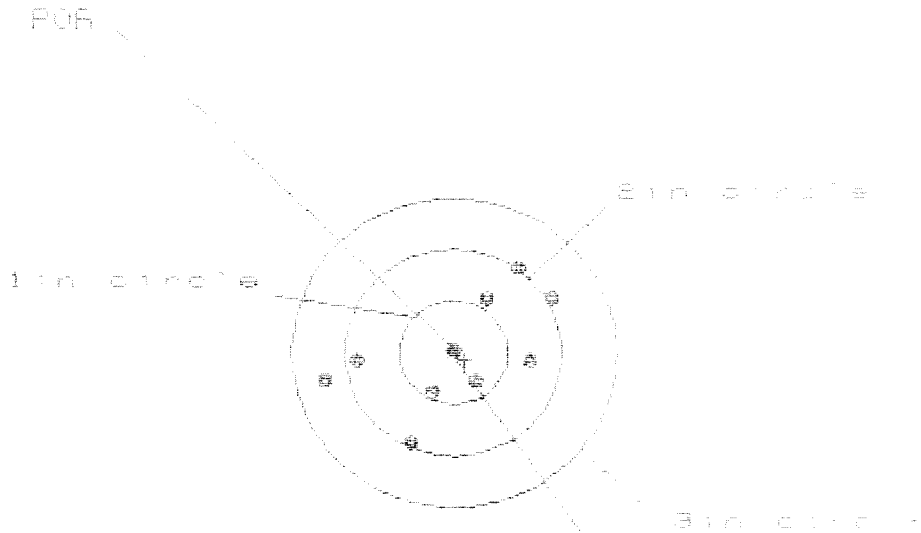
⊙ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1114
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0844
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .139762
THE AMR FOR THIS RIFLE IS: .8902

15 NOV 1991

FILE:/PATTERNING/CENTERFIRE/11/06.0100

CENTERFIRE PATTERN # 1



OF SHOTS = 10

1 IN CIR = 2

2 IN CIR = 3

3 IN CIR = 5

4 IN CIR = 0

5 IN CIR = 0

6 IN CIR = 0

7 IN CIR = 0

8 IN CIR = 0

9 IN CIR = 0

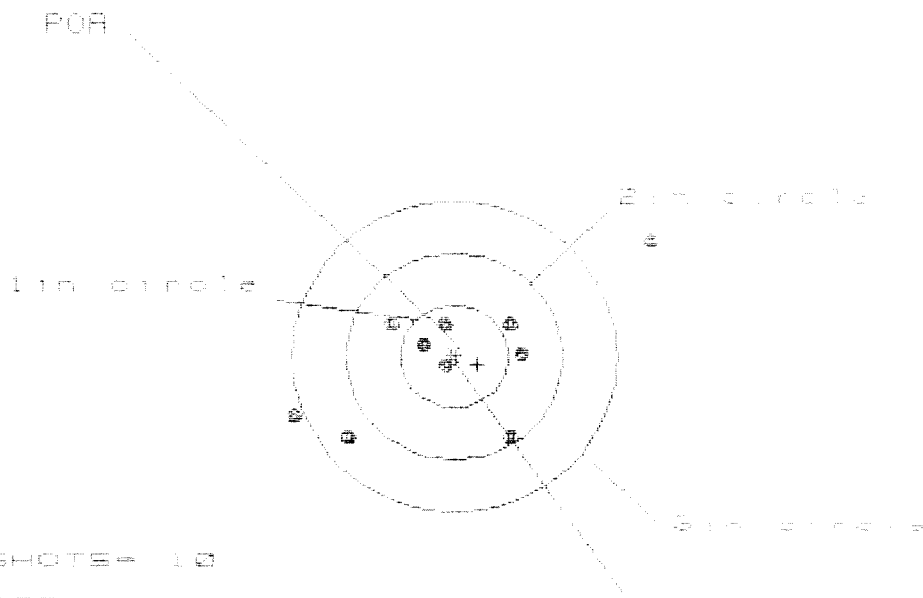
10 IN CIR = 0

SPREAD #	:	1		
SHOT (BEST OF)	:	10	9	8
1 IN INCH	:	.985	.773	.618
2 IN INCH	:	-1.184	-1.010	-1.913
3 IN INCH	:	.815	.787	.649
4 IN INCH	:	-1.889	-1.917	-1.835
5 IN INCH	:	-1.106	.026	-1.071
6 IN INCH	:	.072	.100	.038
7 IN INCH	:	.128	.103	.080
8 IN INCH	:	.039	.150	.087
9 IN INCH	:	.732	.679	.634
10 IN INCH	:	1.210	1.064	1.023
1 IN INCH SPREAD	:	2.089	1.783	1.629
2 IN INCH SPREAD	:	1.704	1.704	1.704
3 IN INCH SPREAD	:	2.225	1.983	1.983
4 IN INCH SPREAD	:			
5 IN INCH SPREAD	:			
6 IN INCH SPREAD	:			
7 IN INCH SPREAD	:			
8 IN INCH SPREAD	:			
9 IN INCH SPREAD	:			
10 IN INCH SPREAD	:			
ONE INCH CIRCLE	:	3		
TWO INCH CIRCLE	:	7		
THREE INCH CIRCLE	:	10		

18 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PAT/06665931

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

CENTROID +

SE= 2.318

SE= 1.988

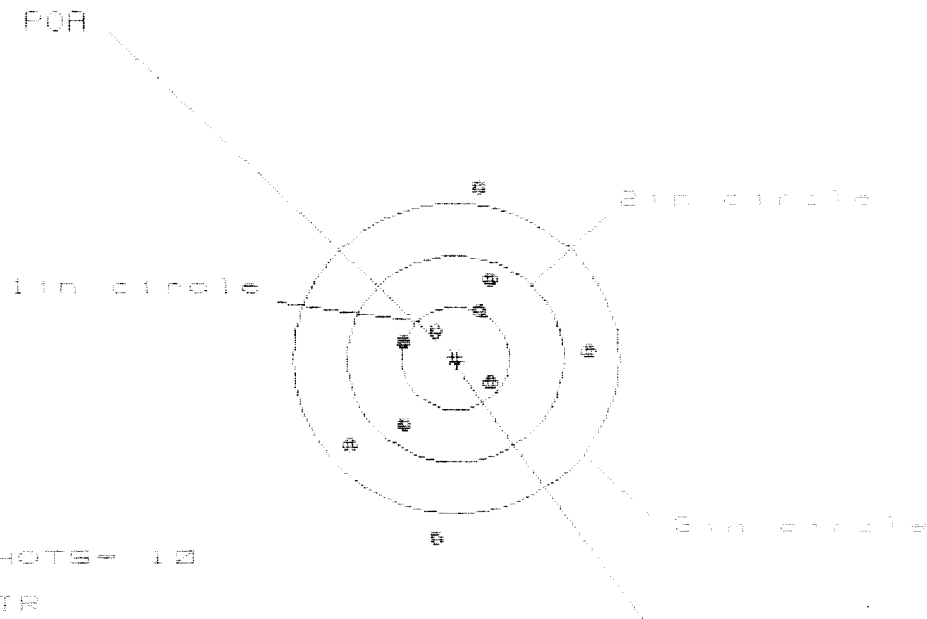
SE= 2.716

PATTERN #	:	2		
POINTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.861	.815	.659
MINIMUM X	:	-1.457	-1.250	-.945
MAXIMUM Y	:	1.125	.467	.414
MINIMUM Y	:	-.781	-.656	-.789
CENTROID X	:	-.218	-.425	-.269
CENTROID Y	:	.081	-.044	.089
STD TO CENTROID (in.)	:	.233	.428	.368
STD DEVIATION	:	.130	.158	.049
MEAN RADIUS	:	.860	.718	.688
GR. RADIUS	:	2.175	1.320	1.181
1 IN. CIRCLE SPREAD	:	3.318	2.865	1.684
2 IN. CIRCLE SPREAD	:	1.988	1.123	1.123
3 IN. CIRCLE SPREAD	:	3.716	2.134	1.822
POINTS IN ONE INCH CIRCLE	=		3	
POINTS IN TWO INCH CIRCLE	=		7	
POINTS IN THREE INCH CIRCLE	=		8	

18 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06065031

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 8

MS= 2.209

S= 3.382

CS= 3.403

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.223	1.202	1.224
MINIMUM X	:	-1.986	-1.007	-1.985
MAXIMUM Y	:	1.622	1.427	1.741
MINIMUM Y	:	-1.760	-1.024	-1.846
CENTROID X	:	-.021	-.000	-.022
CENTROID Y	:	.033	.229	.051
POA TO CENTROID IN.	:	.040	.229	.050
MIN RADIUS	:	.326	.195	.311
MEAN RADIUS	:	.928	.803	.732
MAX RADIUS	:	1.769	1.437	1.298
HORIZONTAL SPREAD	:	2.209	2.209	2.209
VERTICAL SPREAD	:	3.382	2.451	1.587
SPREAD	:	3.403	2.719	2.391
SHOTS IN ONE INCH CIRCLE	=		2	
SHOTS IN TWO INCH CIRCLE	=		6	
SHOTS IN THREE INCH CIRCLE	=		8	

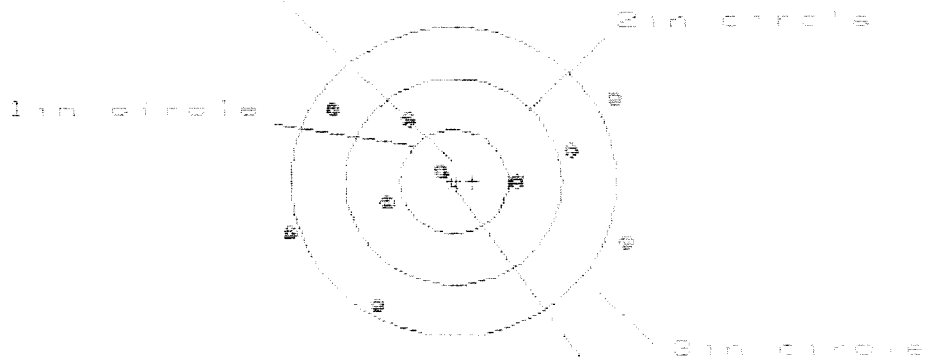
12 MAY 1961

FILE: PATTERNING-CENTERFIRE_PATT-06665931

CENTERFIRE PATTERNS

4

FOR



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

AS= 3.076

S= 2.055

GS= 3.252

CENTROID -

PATTERN #

4

SHOTS (BEST OF)	:	10	9	8
AR-MIN	:	1.560	1.631	1.416
AR-MAX	:	-1.516	-1.342	-1.160
AR-MIN	:	.832	.760	.710
AR-MAX	:	-1.223	-1.295	-1.200
CENTROID	:	-1.181	-1.355	-1.558
CENTROID	:	-1.001	.071	-1.024
OFF-TO-CENTROID in.	:	.181	.362	.559
OFF-AXIS	:	.175	.024	.249
OFF-AXIS	:	1.098	.996	.893
OFF-AXIS	:	1.689	1.799	1.460
HORIZONTAL SPREAD	:	3.076	2.973	2.555
VERTICAL SPREAD	:	2.055	2.055	1.920
SPREAD	:	3.252	3.252	2.683
SPREAD ONE INCH CIRCLE	=		1	
SPREAD TWO INCH CIRCLE	=		4	
SPREAD THREE INCH CIRCLE	=		7	

(S No: 1991)

FILE:/PATTERNING-CENTERFIRE_PAT/05665301

CENTERFIRE PATTERN

* 5

POA

1 in circle

2 in circle

3 in circle

* OF SHOTS = 10

* IN 1 IN

1 IN = 2

2 IN = 7

3 IN = 6

2 IN = 212

2 IN = 1.556

2 IN = 2.024

CENTERFIRE

Pattern

5

NO. OF SHOTS	10	9	8
1 IN	1.058	.873	.712
2 IN	-1.661	-1.291	-1.041
3 IN	.757	.624	.526
4 IN	-1.199	-1.772	-1.416
5 IN	-.031	.154	.315
6 IN	.237	.370	.466
7 IN	.239	.401	.563
8 IN	.170	.306	.241
9 IN	.813	.650	.518
10 IN	2.049	1.504	.920
11 IN	2.719	2.164	1.255
12 IN	1.956	1.396	.946
13 IN	2.904	2.213	1.560
14 IN			
15 IN			
16 IN			
17 IN			
18 IN			
19 IN			
20 IN			
21 IN			
22 IN			
23 IN			
24 IN			
25 IN			
26 IN			
27 IN			
28 IN			
29 IN			
30 IN			
31 IN			
32 IN			
33 IN			
34 IN			
35 IN			
36 IN			
37 IN			
38 IN			
39 IN			
40 IN			
41 IN			
42 IN			
43 IN			
44 IN			
45 IN			
46 IN			
47 IN			
48 IN			
49 IN			
50 IN			
51 IN			
52 IN			
53 IN			
54 IN			
55 IN			
56 IN			
57 IN			
58 IN			
59 IN			
60 IN			
61 IN			
62 IN			
63 IN			
64 IN			
65 IN			
66 IN			
67 IN			
68 IN			
69 IN			
70 IN			
71 IN			
72 IN			
73 IN			
74 IN			
75 IN			
76 IN			
77 IN			
78 IN			
79 IN			
80 IN			
81 IN			
82 IN			
83 IN			
84 IN			
85 IN			
86 IN			
87 IN			
88 IN			
89 IN			
90 IN			
91 IN			
92 IN			
93 IN			
94 IN			
95 IN			
96 IN			
97 IN			
98 IN			
99 IN			
100 IN			