

FORM

UPC



0 47700 25716 7

C6665944

*INCLUDES 1 IN CHAMBER

CAPACITY*

CHANNEL LENGTH

M2400104367

CONFIDENTIAL SUBJECT TO PROTECTIVE ORDER

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.

C6665944

20

ORDER NO.

5716

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



5716 C6665944

ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7

ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

26665944

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/27/91	KH
600	Proof		9/27/91	KH
607	Check Headspace		9/27/91	KH
610	Dis-assemble Gun		9/27/91	KH
612	Magnaflux Barrel Action		OCT 4 1991	Kcd
	Magnaflux Bolt		OCT 4 1991	Kcd
615	Rollmark Caliber		OCT 4 1991	CS
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	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/21/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/21/91	KH
	C) Inspect Ejector Hole for Chamfer		11/21/91	KH
	D) Oil Firing Pin Ass'y		11/21/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		11-22-91	JA

Op. #	Op. NAME	READINGS						
625 cont.	F) Safety On Force	6	6	6			11-22-91	YH
	G) Safety Off Force	3	3	3			11-22-91	YH
	H) Trigger Pull Test & Retainability						11-22-91	YH
	I) Firing Pin Indent	.0205	.0205	.0205			11-22-91	YH
	J) Assemble Stock						11-22-91	YH
	K) Assemble Swivel Studs						11-22-91	D/H
	L) Attach Front and Rear Sight Assemblies						11-22-91	YH
	M) Iron Sight Alignment						11-22-91	YH
	N) Detach Front & Rear Sights & place in numbered container						11-22-91	YH
	O) Attach Scope to Rifle						11-22-91	YH
	P) Detach & Attach Scope 20 Times						11-22-91	YH
640	Gallery Target & Test						11-25-91	AC
	A) Time						11-25-91	AC
	B) Malfunctions						11-25-91	AC
	C) Pierced Primers						11-25-91	AC
	D) Optical Clarity of Scope						11-25-91	AC
645	Inspect for Live Ammo						11-25-91	AC
655	Final Inspection							
	A) Headspace						11-27-91	D/H
	B) Trigger Pull	2.34	2.47	2.47	2.47	2.57	11-26-91	D/H
	C) Function						11-27-91	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-6665944

DATE 11-22-91

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.53	2.56	2.52	2.34	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.53	2.42	2.50	2.47	
PULL #3	2.51	2.49	2.54	2.47	
PULL #4	2.57	2.55	2.58	2.47	
PULL #5	2.57	2.59	2.51	2.57	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.60	3.44		
PULL #2	3.58	3.56		
PULL #3	3.65	3.59		
PULL #4	3.61	3.60		
PULL #5	3.39	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	4.36	4.34		4.28
PULL #2	4.41	4.47		4.44
PULL #3	4.47	4.46		4.26
PULL #4	4.32	4.35		4.50
PULL #5	4.36	4.48		4.44
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665944
25 Nov 1991

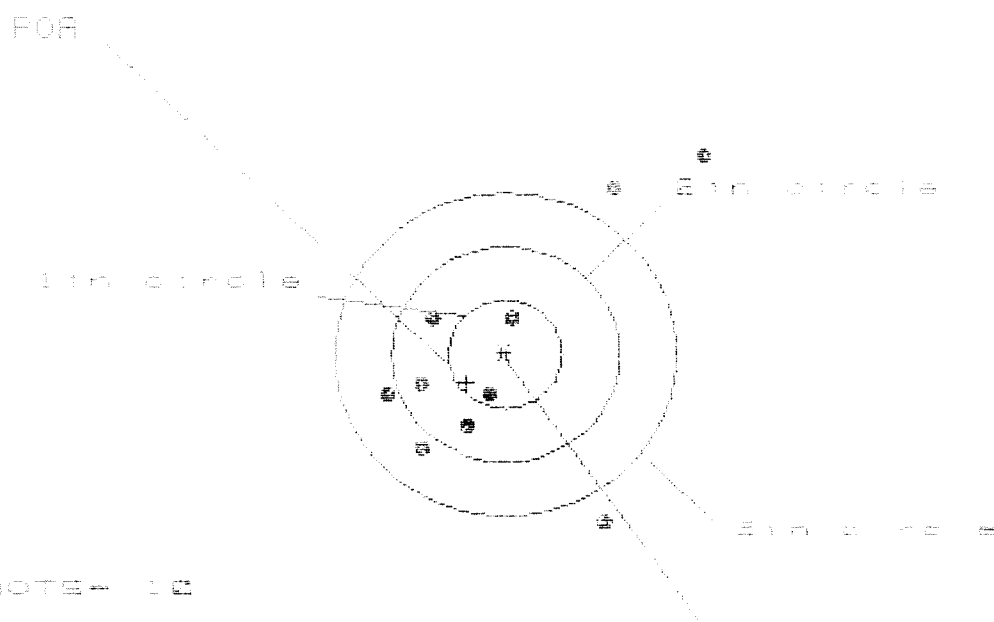
CENTROIDAL DISTANCES

0 TO	1	.428813
1 TO	2	.592049
1 TO	3	.666821
1 TO	4	.634476
1 TO	5	.25134

$\frac{4}{3\pi} \text{ } \leftarrow \text{---POB}$

COINATE FOR THIS RIFLE IS: -.0378
COINATE FOR THIS RIFLE IS: .1836
POI RADIUS FOR THIS RIFLE IS: .187451
10: .984

CENTERFIRE PATTERN # 1



OF SHOTS = 12

IN CIR

100 = 12

500 = 5

1000 = 7

1000 = 7

1000 = 7

1000 = 7

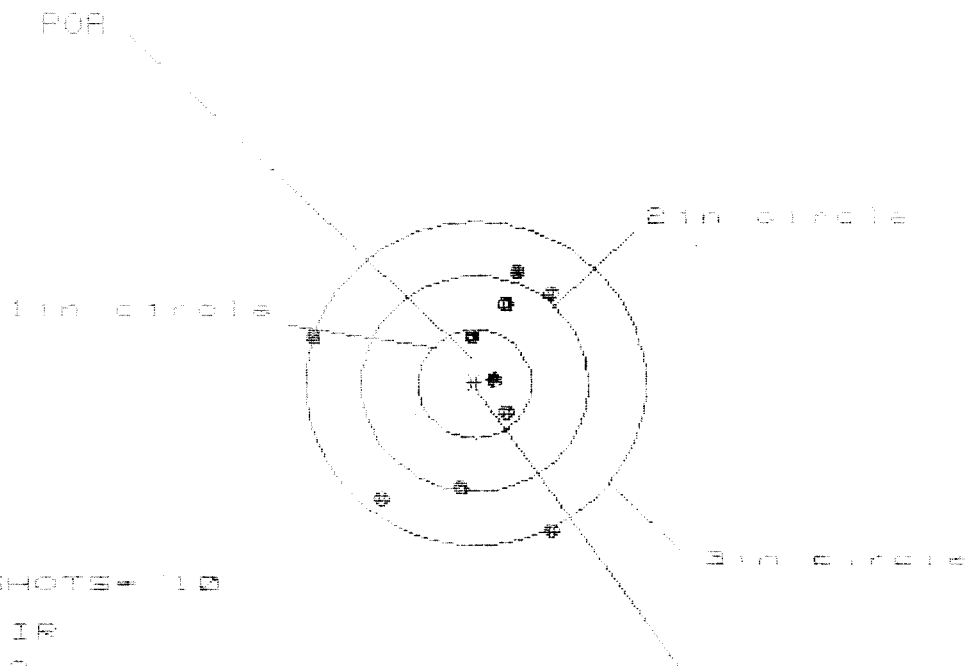
CENTR. IS

	10	9	8
1	1.717	1.113	1.249
2	-1.060	-1.869	-1.733
3	1.811	1.742	1.569
4	-1.581	-1.380	-1.871
5	.341	.150	.014
6	.260	.059	.231
7	.429	.161	.232
8	.317	.138	.355
9	1.121	.881	.765
10	2.496	2.067	2.006
11	2.777	1.982	1.982
12	3.392	3.122	2.441
13	3.634	3.122	1.992
14	1.8	2	
15	5		
16	7		

0851

FILE:/PATTERNING/CENTERFIRE_PATT/08065844

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 3

2in = 5

3in = 10

CENTROID #

1.000 2.000

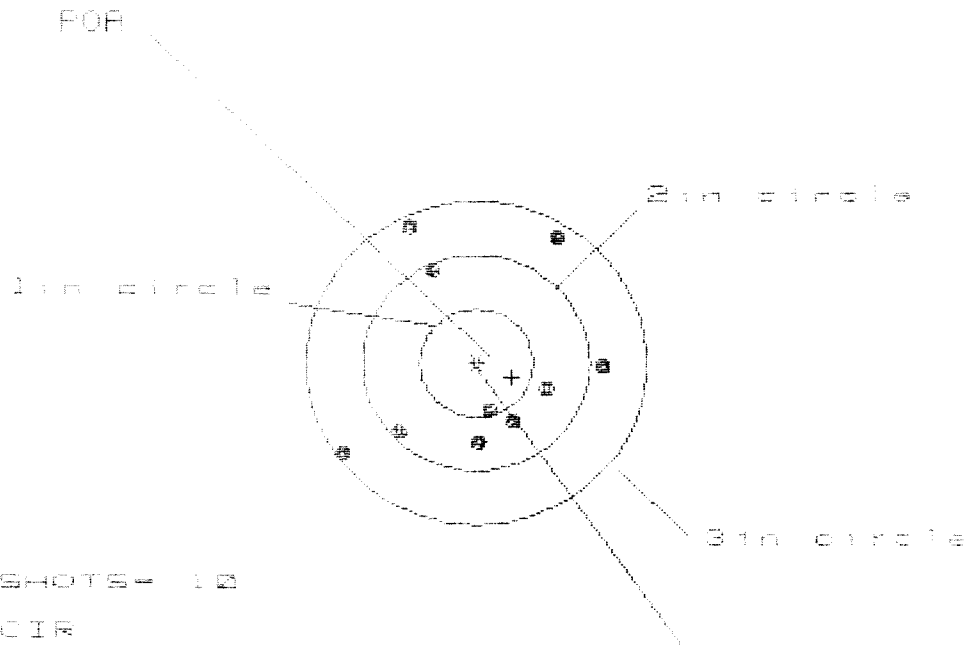
1.000 2.000

1.000 2.000

	1	2	3
OF	10	9	8
	.681	.750	.586
	-1.383	-1.314	-.918
	1.047	.908	.939
	-1.327	-1.248	-1.209
	-.170	-.239	-.075
	-.036	.108	.069
	.174	.263	.102
	.192	.280	.117
	.925	.857	.755
	1.467	1.458	1.518
	2.064	2.064	1.504
	2.374	2.148	2.148
	2.689	2.477	2.477
1INCH	=	3	
2INCH	=	5	
3INCH	=	10	

CENTERFIRE PATTERNS

3



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 10

ME = 2.311

MA = 2.121

MD = 2.718

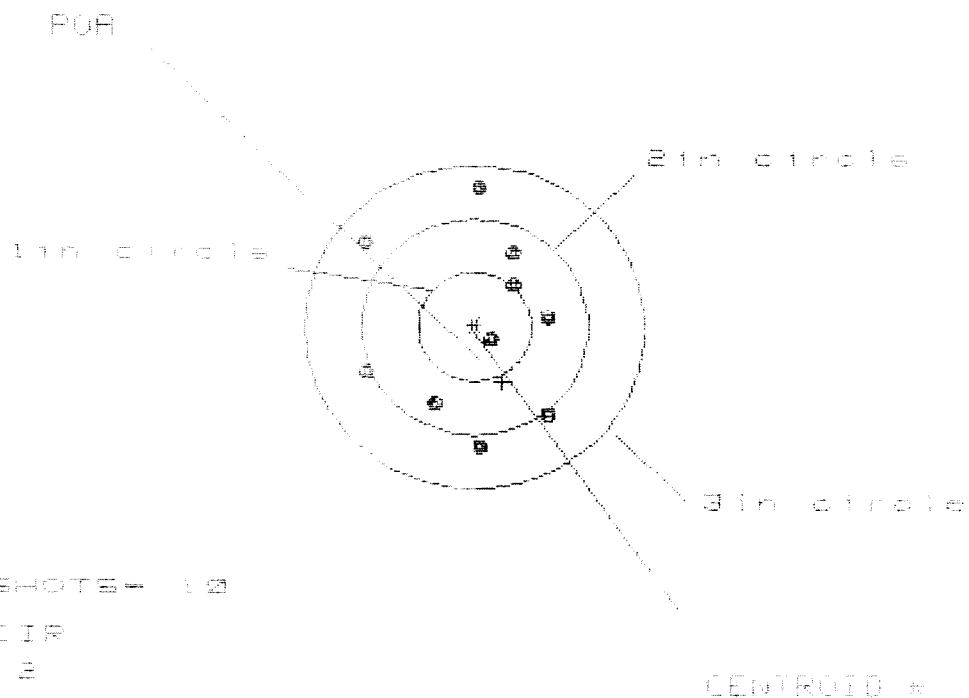
CENTROID +

	1	2	3
# OF	10	9	8
	1.151	1.085	.932
	-1.160	-1.226	-.967
	1.308	1.265	1.181
	-.813	-.667	-.670
	-.314	-.248	-.095
	.135	-.011	.072
	.342	.248	.119
	.398	.247	.363
	.958	.859	.794
	1.438	1.439	1.296
ME	2.311	2.311	1.799
MA	2.121	1.932	1.652
MD	2.718	2.718	2.214
1in CIRCLE	=	1	
2in CIRCLE	=	6	
3in CIRCLE	=	10	

31

FILE: PATTERNING/CENTERFIRE_PATT/06685944

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 10

SE= 1.662

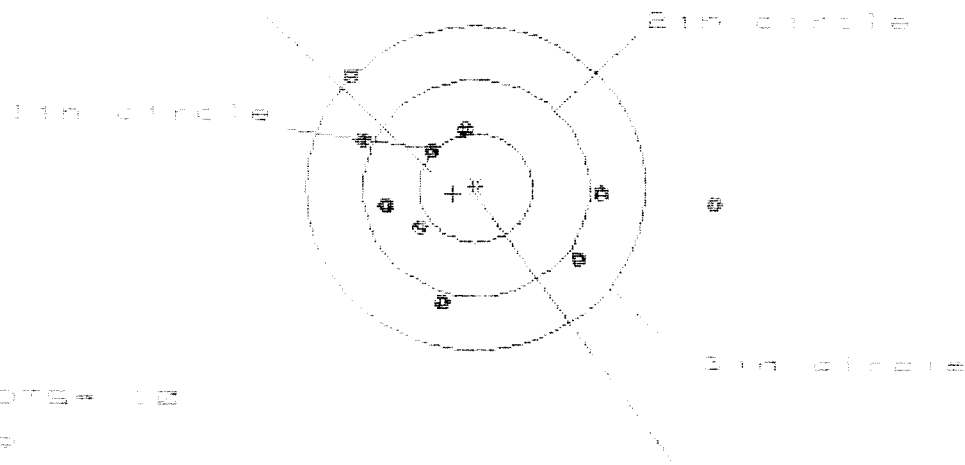
SE= 2.381

SE= 2.381

	10	9	8
SE	.667	.671	.555
SE	-.996	-.992	-1.108
SE	1.293	.934	.945
SE	-1.088	-.945	-.828
SE	-.243	-.247	-.131
SE	.508	.365	.248
SE	.553	.440	.280
SE	.169	.149	.164
SE	.858	.800	.717
SE	1.293	1.316	1.124
SE	1.663	1.663	1.663
SE	2.381	1.879	1.773
SE	2.381	2.254	1.799
1in circle	=	2	
2in circle	=	5	
3in circle	=	10	

CENTERSIRE PATTERNS # 5

FOR



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 4

3 in = 6

50 3.160

100 3.000

5.377

5

GROUP	10	9	8
1	2.109	1.345	1.243
2	-1.051	-1.217	-1.848
3	1.052	1.037	.658
4	-1.028	-1.043	-1.213
5	.197	-.037	.065
6	.054	.069	-.068
7	.204	.078	.099
8	.516	.365	.433
9	1.058	.884	.845
10	2.113	1.385	1.246
11	3.160	2.162	2.091
12	2.080	2.080	1.572
13	3.377	2.661	2.246
14	3.160	2.162	2.091
15	2.080	2.080	1.572
16	3.377	2.661	2.246
17	3.160	2.162	2.091
18	2.080	2.080	1.572
19	3.377	2.661	2.246
20	3.160	2.162	2.091
21	2.080	2.080	1.572
22	3.377	2.661	2.246
23	3.160	2.162	2.091
24	2.080	2.080	1.572
25	3.377	2.661	2.246
26	3.160	2.162	2.091
27	2.080	2.080	1.572
28	3.377	2.661	2.246
29	3.160	2.162	2.091
30	2.080	2.080	1.572
31	3.377	2.661	2.246
32	3.160	2.162	2.091
33	2.080	2.080	1.572
34	3.377	2.661	2.246
35	3.160	2.162	2.091
36	2.080	2.080	1.572
37	3.377	2.661	2.246
38	3.160	2.162	2.091
39	2.080	2.080	1.572
40	3.377	2.661	2.246
41	3.160	2.162	2.091
42	2.080	2.080	1.572
43	3.377	2.661	2.246
44	3.160	2.162	2.091
45	2.080	2.080	1.572
46	3.377	2.661	2.246
47	3.160	2.162	2.091
48	2.080	2.080	1.572
49	3.377	2.661	2.246
50	3.160	2.162	2.091
51	2.080	2.080	1.572
52	3.377	2.661	2.246
53	3.160	2.162	2.091
54	2.080	2.080	1.572
55	3.377	2.661	2.246
56	3.160	2.162	2.091
57	2.080	2.080	1.572
58	3.377	2.661	2.246
59	3.160	2.162	2.091
60	2.080	2.080	1.572
61	3.377	2.661	2.246
62	3.160	2.162	2.091
63	2.080	2.080	1.572
64	3.377	2.661	2.246
65	3.160	2.162	2.091
66	2.080	2.080	1.572
67	3.377	2.661	2.246
68	3.160	2.162	2.091
69	2.080	2.080	1.572
70	3.377	2.661	2.246
71	3.160	2.162	2.091
72	2.080	2.080	1.572
73	3.377	2.661	2.246
74	3.160	2.162	2.091
75	2.080	2.080	1.572
76	3.377	2.661	2.246
77	3.160	2.162	2.091
78	2.080	2.080	1.572
79	3.377	2.661	2.246
80	3.160	2.162	2.091
81	2.080	2.080	1.572
82	3.377	2.661	2.246
83	3.160	2.162	2.091
84	2.080	2.080	1.572
85	3.377	2.661	2.246
86	3.160	2.162	2.091
87	2.080	2.080	1.572
88	3.377	2.661	2.246
89	3.160	2.162	2.091
90	2.080	2.080	1.572
91	3.377	2.661	2.246
92	3.160	2.162	2.091
93	2.080	2.080	1.572
94	3.377	2.661	2.246
95	3.160	2.162	2.091
96	2.080	2.080	1.572
97	3.377	2.661	2.246
98	3.160	2.162	2.091
99	2.080	2.080	1.572
100	3.377	2.661	2.246