

FORM

UPC



0 47700 25716 7

6665943

*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 700 TM M24

SERIAL NO.

C6665943

ORDER NO.

5716

20

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



5716 C6665943

ORDER 5716

MODEL 700 TM M24

UPC

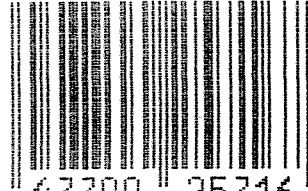
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665943

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/25/91	KL
600	Proof		9/25/91	KL
607	Check Headspace		9/25/91	KL
610	Dis-assemble Gun		9/25/91	KL
612	Magnaflux Barrel Action		OCT 2 1991	KR
	Magnaflux Bolt		OCT 2 1991	KR
615	Rollmark Caliber		OCT 2 1991	JS
617	Drill and Tap Sight Holes		OCT 2 1991	FB
618	Polish Barrel		OCT 4 1991	WB
620	Apply Coatings (Barrel Action)		10/14/91	JA
	Apply Coating (Bolt)		10/14/91	JA
625	Final Assembly A) Clean inside of Bolt Assembly		10/18/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/18/91	KL
	C) Inspect Ejector Hole for Chamfer		10/18/91	KL
	D) Oil Firing Pin Ass'y		10/18/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		10/23/91	KL

Op. #	OP NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	5	5			10-23-91	DH
	G) Safety Off Force	2 $\frac{1}{2}$	2 $\frac{1}{4}$	2 $\frac{3}{4}$			10-23-91	DH
	H) Trigger Pull Test & Retainability						10-23-91	JH
	I) Firing Pin Indent	.020	.020	.020			10-23-91	DH
	J) Assemble Stock						10/23/91	YH
	K) Assemble Swivel Studs						10-30-91	AC
	L) Attach Front and Rear Sight Assemblies						10/23/91	YH
	M) Iron Sight Alignment						10/23/91	YH
	N) Detach Front & Rear Sights & place in numbered container						10/23/91	YH
	O) Attach Scope to Rifle						10/23/91	YH
	P) Detach & Attach Scope 20 Times						10/23/91	YH
640	Gallery Target & Test						10-24-91	AC
	A) Time						10-24-91	AC
	B) Malfunctions						10-24-91	AC
	C) Pierced Primers						10-24-91	AC
	D) Optical Clarity of Scope						10-24-91	AC
645	Inspect for Live Ammo						10-24-91	AC
655	Final Inspection							
	A) Headspace						10-30-91	AC
	B) Trigger Pull	2.51	2.52	2.38	2.39	2.36	10-28-91	DH
	C) Function						10-30-91	AC
660	Pack						12-18-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO C-6665943

DATE 10/23/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.60	2.27	2.35	2.51	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.60	2.39	2.38	2.52	
PULL #3	2.57	2.42	2.40	2.38	
PULL #4	2.59	2.41	2.44	2.39	
PULL #5	2.38	2.40	2.40	2.36	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.23		
PULL #2	3.38	3.30		
PULL #3	3.18	3.36		
PULL #4	3.22	3.31		
PULL #5	3.32	3.29		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.42		4.51
PULL #2	4.19	4.44		4.51
PULL #3	4.55	4.41		4.48
PULL #4	4.62	4.47		4.20
PULL #5	4.43	4.41		4.38
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665943
24 Oct 1991

CENTROIDAL DISTANCES

0 TO 1	.432436
1 TO 2	.532545
1 TO 3	1.07078
1 TO 4	.550318
1 TO 5	.295655

9
35' <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0186
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0592
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0620512
THE AM FOR THIS RIFLE IS: 1.053

24 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8865343

CENTERFIRE PATTERNS

1

FOR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 6

X = 3.253

Y = 4.543

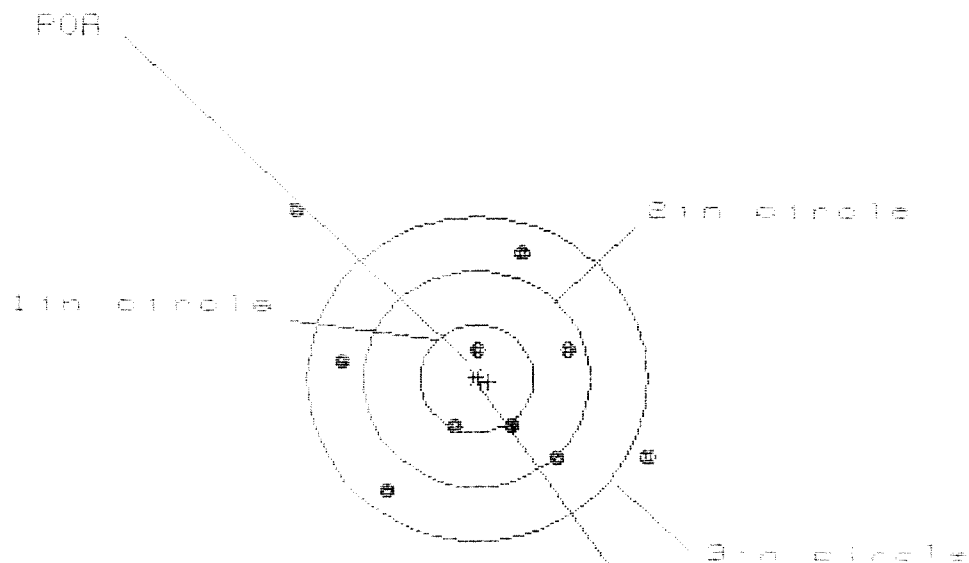
Z = 4.544

SHOT #		1	2	3
BEST OF		10	9	8
X		1.758	1.851	1.977
Y		-1.495	-1.402	-1.276
Z		2.419	1.356	1.124
X		-2.124	-1.855	-1.436
Y		.424	.331	.285
Z		.885	-.184	.648
Centroid X		.432	.378	.211
Y		.292	.233	.093
Z		1.290	1.113	.915
X		2.560	2.110	2.091
Y		3.253	3.253	3.253
Z		4.543	3.211	2.560
X		4.544	3.440	3.423
1 INCH CIRCLE	=	1		
2 INCH CIRCLE	=	4		
3 INCH CIRCLE	=	6		

24 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08665943

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 8

BEST = 3.890

WST = 2.630

WST = 3.854

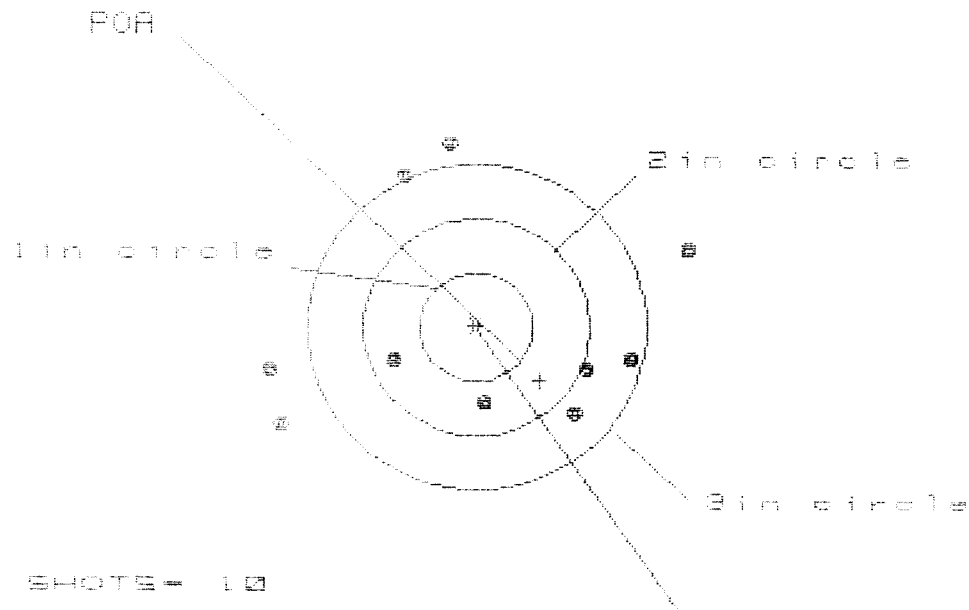
CENTROID #

Pattern #	1	2	3
BEST (BEST OF)	10	9	8
1st READ	1.534	1.361	1.822
2nd READ	-1.556	-1.328	-1.158
3rd READ	1.564	1.382	1.311
4th READ	-1.066	-0.892	-0.963
5th READ	-1.106	0.067	-1.103
6th READ	0.033	-1.141	-0.070
7th READ	0.111	0.156	0.125
8th READ	0.224	0.320	0.327
9th READ	1.077	0.921	0.649
10th READ	2.206	1.474	1.361
11th READ	3.890	2.689	1.980
12th READ	2.630	2.274	2.274
13th READ	3.854	2.625	2.548
ONE INCH CIRCLE =	2		
TWO INCH CIRCLE =	5		
THREE INCH CIRCLE =	8		

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FILE:/PATTERNING/CENTERFIRE_PATT/C8885943

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 6

2 in = 2

3 in = 8

XSE = 3.775

YSE = 2.580

ZSE = 3.984

CENTROID +

PATTERN #

3

PATTERN #	10	9	8
MEAN (BEST OF)	1.909	1.535	1.944
MEAN X	-1.866	-1.654	-1.845
MEAN Y	1.671	1.747	1.643
MEAN Z	-1.909	-1.833	-1.793
MEAN X1	-1.566	-1.778	-1.587
MEAN Y1	.493	.417	.521
MEAN Z1	.751	.883	.785
MEAN X2	.694	.567	.724
MEAN Y2	1.426	1.345	1.288
MEAN Z2	2.029	1.747	1.887
SPREAD	3.775	3.189	3.189
SPREAD	2.580	2.580	2.436
SPREAD	3.984	3.189	3.189
ONE INCH CIRCLE =	6		
TWO INCH CIRCLE =	2		
THREE INCH CIRCLE =	8		

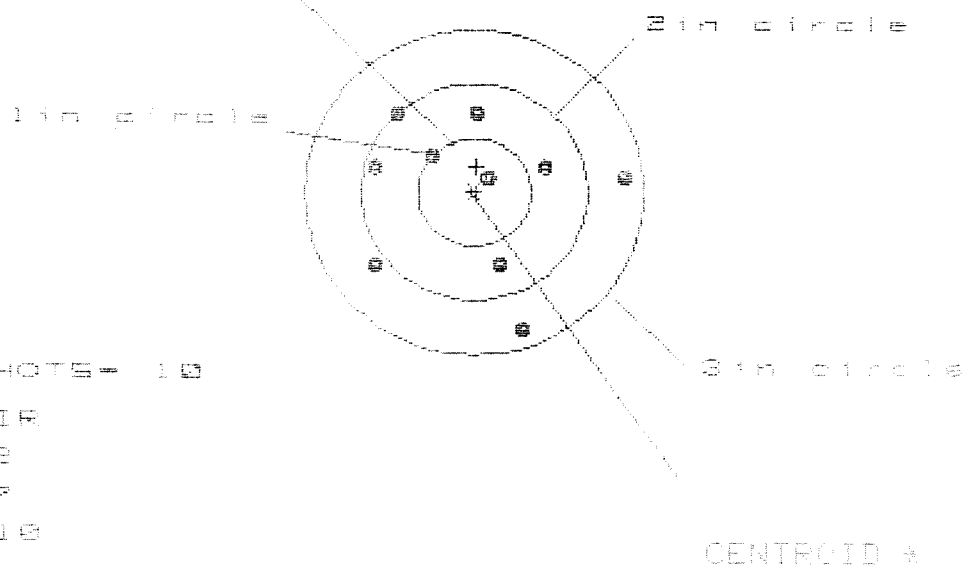
24 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665943

CENTERFIRE PATTERNS

4

POA



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 10

CE= 2.242

SE= 2.031

DE= 2.031

PATTERN #

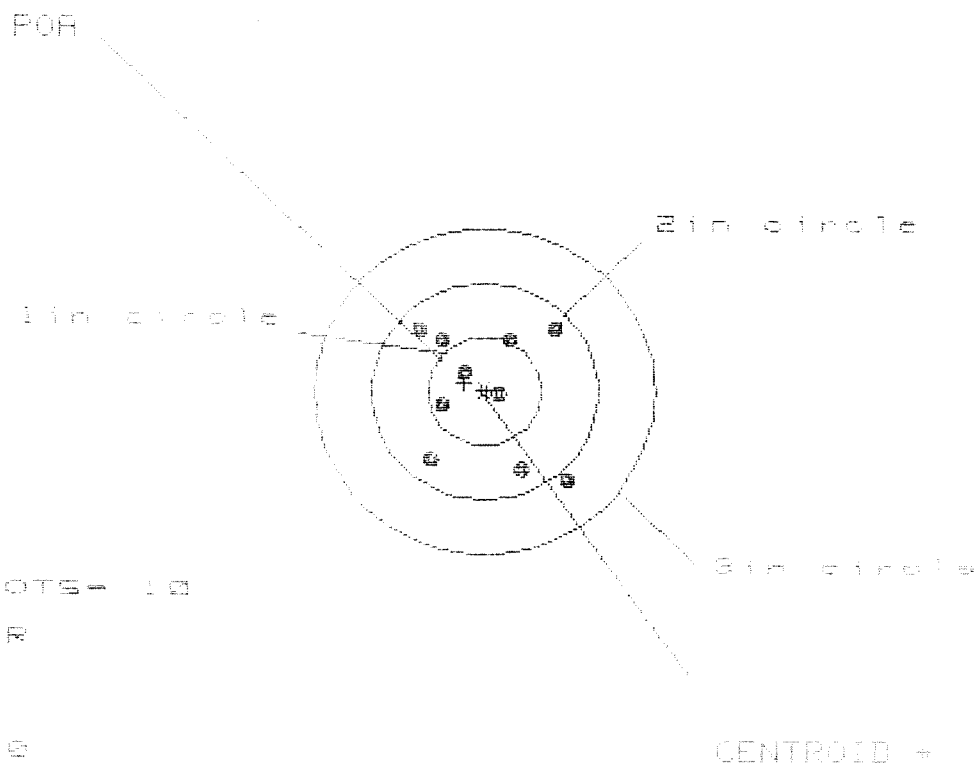
4

	10	9	8
CE (BEST OF)	1.324	1.376	.846
SE (BEST OF)	-.918	-.866	-.694
DE (BEST OF)	.769	.629	.632
CE (BEST OF)	-1.262	-.811	-.888
SE (BEST OF)	-.023	-.075	-.247
DE (BEST OF)	-.236	-.096	-.099
CE (BEST OF)	.297	.121	.266
SE (BEST OF)	.160	.193	.230
DE (BEST OF)	.853	.777	.694
CE (BEST OF)	1.344	1.376	1.057
SE (BEST OF)	2.242	2.242	1.540
DE (BEST OF)	2.031	1.440	1.440
CE (BEST OF)	2.381	2.381	1.769
1 INCH CIRCLE	=	2	
2 INCH CIRCLE	=	7	
3 INCH CIRCLE	=	10	

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CENTERFIRE PATTERNS # 5



Shot #	X	Y	Z
1	1.692	1.649	1.582
2	-1.611	-1.534	-1.424
3	1.567	1.470	1.506
4	-1.869	-1.767	-1.708
5	1.178	1.101	1.168
6	-1.078	1.017	-1.042
7	1.195	1.103	1.173
8	1.119	1.138	1.136
9	1.617	1.543	1.524
10	1.111	1.084	1.080
11	1.303	1.183	1.086
12	1.436	1.237	1.214
13	1.939	1.574	1.511
14	1.303	1.436	1.939
15	1.303	1.436	1.939
16	1.303	1.436	1.939
17	1.303	1.436	1.939
18	1.303	1.436	1.939
19	1.303	1.436	1.939
20	1.303	1.436	1.939
21	1.303	1.436	1.939
22	1.303	1.436	1.939
23	1.303	1.436	1.939
24	1.303	1.436	1.939
25	1.303	1.436	1.939
26	1.303	1.436	1.939
27	1.303	1.436	1.939
28	1.303	1.436	1.939
29	1.303	1.436	1.939
30	1.303	1.436	1.939
31	1.303	1.436	1.939
32	1.303	1.436	1.939
33	1.303	1.436	1.939
34	1.303	1.436	1.939
35	1.303	1.436	1.939
36	1.303	1.436	1.939
37	1.303	1.436	1.939
38	1.303	1.436	1.939
39	1.303	1.436	1.939
40	1.303	1.436	1.939
41	1.303	1.436	1.939
42	1.303	1.436	1.939
43	1.303	1.436	1.939
44	1.303	1.436	1.939
45	1.303	1.436	1.939
46	1.303	1.436	1.939
47	1.303	1.436	1.939
48	1.303	1.436	1.939
49	1.303	1.436	1.939
50	1.303	1.436	1.939