

Smead
®

FORM

UPC



0 47700 25716 2

C6665873

CAPACITY*
*INCLUDES 1 IN CHAMBER

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.

C6665873

ORDER NO.

5716

20

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



5716 C6665873

ORDER 5716

MODEL 700 TM M24

UPC

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665873

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/26/91	KL
600	Proof		9/26/91	KL
607	Check Headspace		9/26/91	KL
610	Dis-assemble Gun		9/26/91	KL
612	Magnaflux Barrel Action	OCT	4 1991	KCR
	Magnaflux Bolt	OCT	4 1991	KCR
615	Rollmark Caliber	OCT	4 1991	ES
617	Drill and Tap Sight Holes	OCT	4 1991	FB
618	Polish Barrel	OCT	4 1991	WB
620	Apply Coatings (Barrel Action)		10-13-91	TS
	Apply Coating (Bolt)		10-13-91	TS
625	Final Assembly A) Clean inside of Bolt Assembly		11/21/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/21/91	KL
	C) Inspect Ejector Hole for Chamfer		11/21/91	KL
	D) Oil Firing Pin Ass'y		11/21/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		11-22-91	KL

op. #	OP. NAME	READINGS					DATE	
625 cont.	F) Safety On Force	6	6	6			11-22-91	✓
	G) Safety Off Force	3	3	3			11-22-91	✓
	H) Trigger Pull Test & Retainability						11-22-91	✓
	I) Firing Pin Indent	.020	.0205	.0205			11-22-91	✓
	J) Assemble Stock						11-25-91	✓
	K) Assemble Swivel Studs						12-3-91	✓
	L) Attach Front and Rear Sight Assemblies						11-25-91	✓
	M) Iron Sight Alignment						11-25-91	✓
	N) Detach Front & Rear Sights & place in numbered container						11-25-91	✓
	O) Attach Scope to Rifle						11-25-91	✓
	P) Detach & Attach Scope 20 Times						11-25-91	✓
640	Gallery Target & Test						11-27-91	✓
	A) Time						11-27-91	✓
	B) Malfunctions						11-27-91	✓
	C) Pierced Primers						11-27-91	✓
	D) Optical Clarity of Scope						11-27-91	✓
645	Inspect for Live Ammo						11-27-91	✓
655	Final Inspection							
	A) Headspace						12-3-91	✓
	B) Trigger Pull	246	247	247	249	254	12-2-91	✓
	C) Function						12-3-91	✓
660	Pack						12-19-91	✓

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400103594

SWS TRIGGER PULL TESTAVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO 6665873DATE 11-22-81TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.27	2.31	2.30	2.46	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.32	2.26	2.25	2.47	
PULL #3	2.36	2.36	2.39	2.47	
PULL #4	2.34	2.36	2.45	2.49	
PULL #5	2.34	2.28	2.31	2.54	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.65	3.62		
PULL #2	3.58	3.55		
PULL #3	3.68	3.59		
PULL #4	3.63	3.63		
PULL #5	3.56	3.64		
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	4.32		4.40
PULL #2	4.33	4.33		4.35
PULL #3	4.30	4.39		4.46
PULL #4	4.40	4.41		4.47
PULL #5	4.35	4.32		4.46
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665873
27 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.205295
1 TO	2	.214849
1 TO	3	.201636
1 TO	4	.0956922
1 TO	5	.131548

←----POA

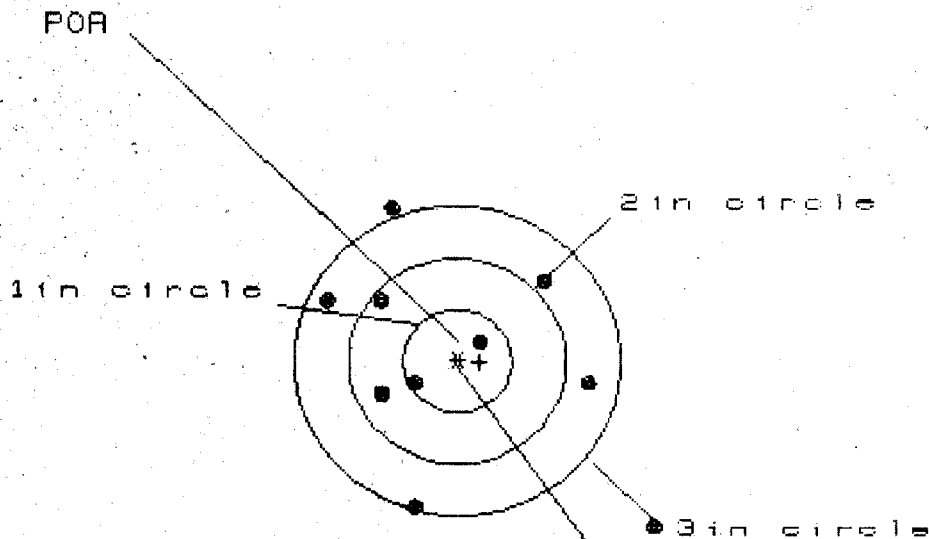
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WEIGHTED AVERAGE FOR THIS RIFLE IS: -.0122
WEIGHTED AVERAGE FOR THIS RIFLE IS: .139734

WEIGHTED AVERAGE FOR THIS RIFLE IS: .0030

27 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665873

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 3.044

VS= 3.061

GS= 3.880

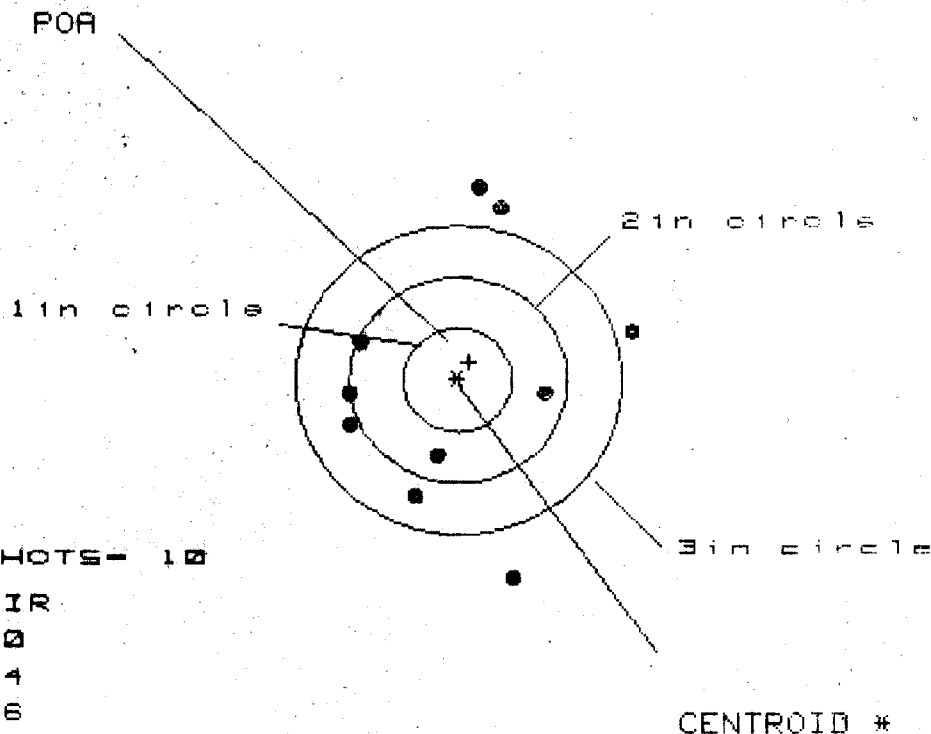
CENTROID #

PATTERN #				
SHOT - BEST OF	:	10	9	8
MAXIMUM	:	1.830	1.362	1.319
MINIMUM	:	-1.214	-1.011	-1.054
MAXIMUM	:	1.492	1.318	.793
MINIMUM	:	-1.569	-1.564	-1.399
CENTROID	:	-.205	-.408	-.364
CENTROID	:	.011	.185	.020
1IN RADIUS	:	.205	.448	.365
2IN RADIUS	:	.264	.398	.314
3IN RADIUS	:	1.156	.982	.924
4IN RADIUS	:	2.410	1.571	1.412
HORIZONTAL SPREAD	:	3.044	2.373	2.373
VERTICAL SPREAD	:	3.061	2.882	2.192
EXTREME SPREAD	:	3.880	2.889	2.501
NUMBER IN THE 1IN RADIUS	:	=	2	
NUMBER IN THE 2IN RADIUS	:	=	4	
NUMBER IN THE 3IN RADIUS	:	=	8	

27 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665873

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in - 0

2in - 4

3in - 6

HS- 2.629

VS- 3.782

GS- 3.793

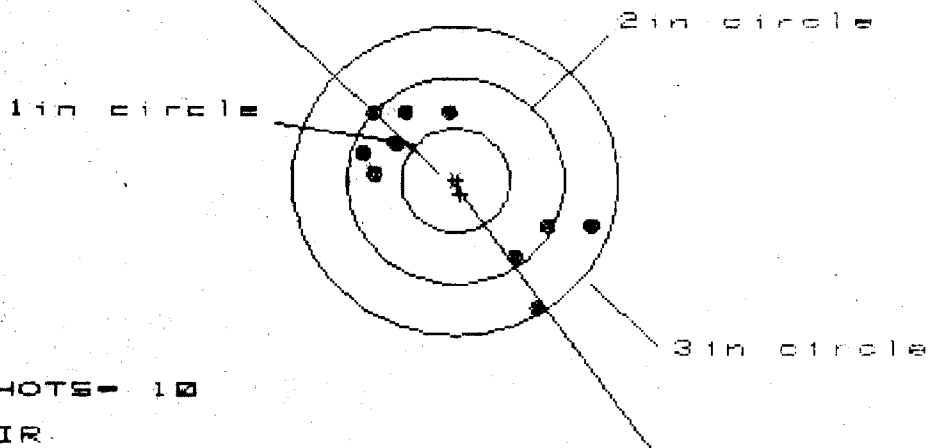
PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.591	1.647	1.682
MINIMUM X	:	-1.038	-.982	-.947
MAXIMUM Y	:	1.877	1.665	1.711
MINIMUM Y	:	-1.905	-1.299	-1.091
CENTROID X	:	-.101	-.158	-.193
CENTROID Y	:	-.177	.035	-.173
POA TO CENTROID in.	:	.204	.162	.259
MIN RADIUS	:	.767	.807	.752
MEAN RADIUS	:	1.299	1.229	1.129
MAX RADIUS	:	1.972	1.688	1.771
HORIZONTAL SPREAD	:	2.629	2.629	2.629
VERTICAL SPREAD	:	3.782	2.964	2.802
EXTREME SPREAD	:	3.793	3.023	2.897
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	6		

27 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665873

CENTERFIRE PATTERNS # 3

FOR



OF SHOTS- 10

IN CIR.

1in - 0

2in - 7

3in = 10

HS- 2.128

VS= 1.934

GS= 2.436

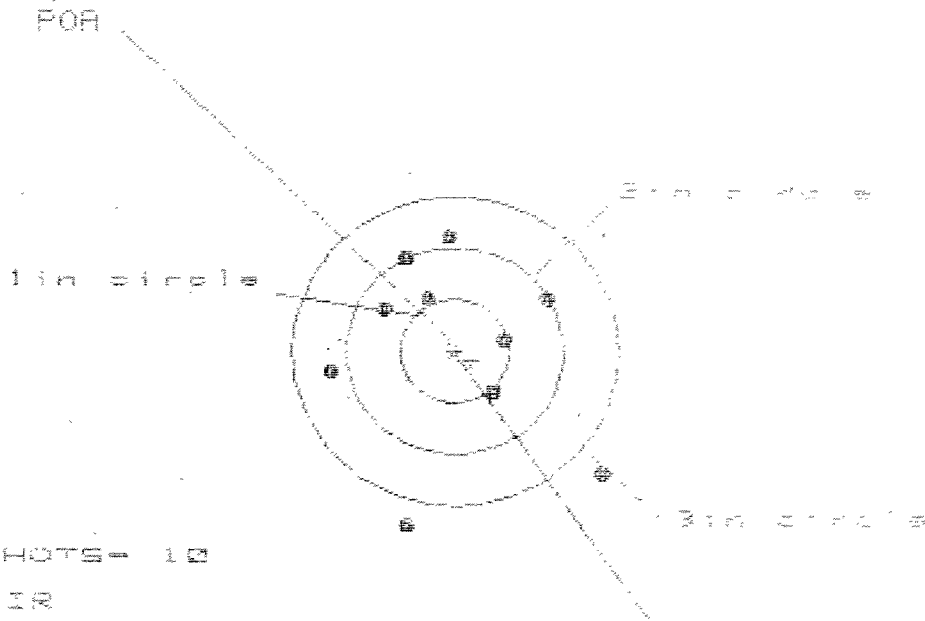
CENTROID #

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.259	1.345	1.071
MINIMUM X	:	-.869	-.783	-.615
MAXIMUM Y	:	.705	.569	.494
MINIMUM Y	:	-1.229	-.891	-.966
CENTROID X	:	-.046	-.132	-.300
CENTROID Y	:	.135	.271	.346
FOR TO CENTROID in.	:	.142	.302	.458
MIN RADIUS	:	.699	.556	.372
MEAN RADIUS	:	.950	.853	.710
MAX RADIUS	:	1.451	1.472	1.258
HORIZONTAL SPREAD	:	2.128	2.128	1.686
VERTICAL SPREAD	:	1.934	1.460	1.460
EXTREME SPREAD	:	2.436	2.298	1.931
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

27 Nov 1951

FILE: PATTERNING-CENTERFIRE, PATT 1-100000

CENTERFIRE PATTERN



OF SHOTS - 10

IN CIR

1 - 1

2 - 4

3 - 5

4 - 1

5 - 1

6 - 1

Patterning

4

1 - 1

2 - 4

3 - 5

4 - 1

5 - 1

6 - 1

7 - 1

8 - 1

9 - 1

10 - 1

11 - 1

12 - 1

13 - 1

14 - 1

15 - 1

16 - 1

17 - 1

18 - 1

19 - 1

20 - 1

10

1.076

1.153

1.042

1.153

1.101

1.070

1.113

1.121

1.121

1.121

1.121

1.121

1.121

1.121

1.121

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1.121

1.121

1.121

1.121

5

1.042

1.000

1.022

1.000

1.004

1.020

1.000

1.016

1.001

1.000

1.042

1.020

1.042

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8

1.000

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27 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06865873

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 5

2 in = 6

3 in = 9

HS= 2.825

VS= 1.140

GS= 2.915

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.476	1.431	1.282
MINIMUM X	:	-1.349	-1.185	-.992
MAXIMUM Y	:	.656	.464	.465
MINIMUM Y	:	-.484	-.411	-.410
CENTROID X	:	-.193	-.357	-.208
CENTROID Y	:	-.120	-.193	-.194
POA TO CENTROID in.	:	.227	.405	.285
MIN RADIUS	:	.173	.232	.179
MEAN RADIUS	:	.771	.661	.585
MAX RADIUS	:	1.615	1.452	1.306
HORIZONTAL SPREAD	:	2.825	2.616	2.274
VERTICAL SPREAD	:	1.140	.875	.875
EXTREME SPREAD	:	2.915	2.629	2.377
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	