

FORM

UPC



0 47700 25716 7

C6665939

CAPACITY*
*INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO. 5716

BARRELL JENOTU

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665939

ORDER NO.

5716

20

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



5716 C6665939

ORDER 5716

MODEL 700 TM M24

UPC

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MODEL 700 TM M24

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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665939

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/91	KA
600	Proof		10/1/91	KA
607	Check Headspace		10/1/91	KA
610	Dis-assemble Gun		10/1/91	KA
612	Magnaflux Barrel Action		OCT 8 1991	KR
	Magnaflux Bolt		OCT 8 1991	KR
615	Rollmark Caliber		OCT 8 1991	GS
617	Drill and Tap Sight Holes		OCT 8 1991	FB
618	Polish Barrel		10/15/91	WB
620	Apply Coatings (Barrel Action)		11-2-91	KA
	Apply Coating (Bolt)		11-2-91	KA
625	Final Assembly A) Clean inside of Bolt Assembly		11/26/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/24/91	KA
	C) Inspect Ejector Hole for Chamfer		11/24/91	KA
	D) Oil Firing Pin Ass'y		11/26/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		11-27-91	KA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	6			11-27-91	SL
	G) Safety Off Force	3	3	3			11-27-91	SL
	H) Trigger Pull Test & Retainability						11-27-91	SL
	I) Firing Pin Indent	.021	.0205	.021			11-27-91	SL
	J) Assemble Stock						11/27/91	SL
	K) Assemble Swivel Studs						12-3-91	AC
	L) Attach Front and Rear Sight Assemblies						11/27/91	SL
	M) Iron Sight Alignment						11/27/91	SL
	N) Detach Front & Rear Sights & place in numbered container						11/27/91	SL
	O) Attach Scope to Rifle						11/27/91	SL
P) Detach & Attach Scope 20 Times						11/27/91	SL	
640	Gallery Target & Test						11-27-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						11-27-91	AF
655	Final Inspection							
	A) Headspace						12-3-91	AC
	B) Trigger Pull	270	282	257	296	284	12-29-91	D/H
	C) Function						12-3-91	AC
660	Pack						12-19-91	AF

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6665939
DATE 11-27-91
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.51	2.50	270	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.36	2.28	282	
PULL #3	2.46	2.44	2.54	257	
PULL #4	2.42	2.46	2.48	296	
PULL #5	2.46	2.44	2.55	284	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.47	3.57		
PULL #2	3.38	3.51		
PULL #3	3.51	3.60		
PULL #4	3.52	3.50		
PULL #5	3.46	3.58		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.25		4.60
PULL #2	4.68	4.25		4.33
PULL #3	4.30	4.37		4.46
PULL #4	4.38	4.38		4.51
PULL #5	4.50	4.56		4.35
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665959
27 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.284972
1 TO	2	.0740405
1 TO	3	.233362
1 TO	4	.126752
1 TO	5	.345857

S
da C----FOR

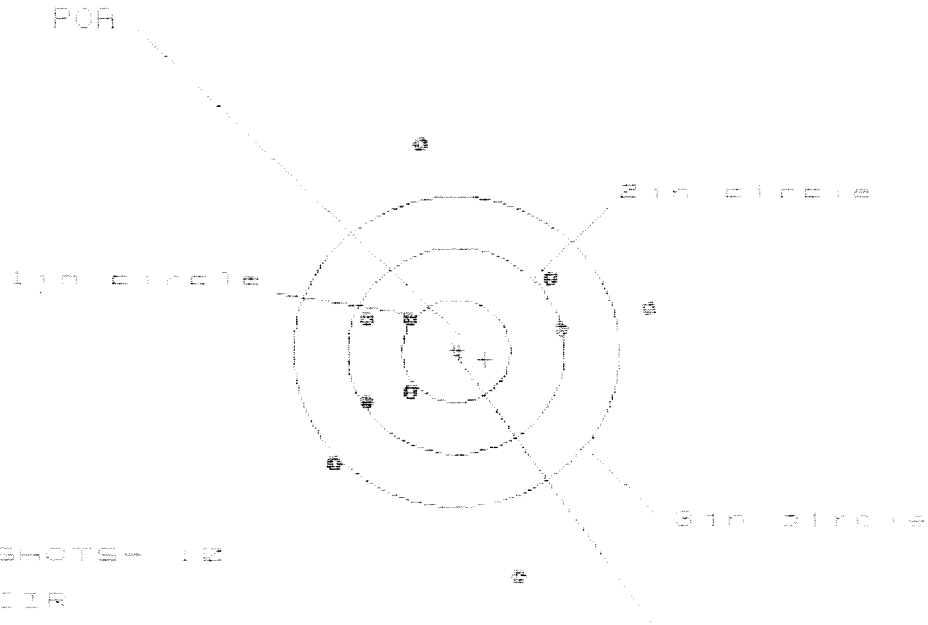
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1912
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .112
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .221588

THE RMV FOR THIS RIFLE IS: 1.142

881

FILE:/PATTERNING/CENTERFIRE_PATT/CS865933

CENTERFIRE PATTERNS # 1



OF SHOTS- 12

1 in CIR

1 in = 6

2 in = 5

3 in = 8

MEAN = 8.881

SD = 4.133

SE = 4.244

CENTROID =

MEAN =

1

MEAN =

10

9

8

MEAN =

1.739

1.864

1.785

MEAN =

-1.152

-1.087

-1.136

MEAN =

1.935

1.757

1.741

MEAN =

-2.138

-1.326

-1.160

MEAN =

-1.372

-1.317

1.000

MEAN =

1.085

1.313

1.100

MEAN =

1.285

1.467

1.318

MEAN =

1.571

1.403

1.543

MEAN =

1.271

1.144

1.252

MEAN =

2.217

1.816

1.717

MEAN =

2.891

2.891

2.891

MEAN =

4.133

3.077

1.131

MEAN =

4.244

3.270

1.131

MEAN =

0

5

6

MEAN =

0

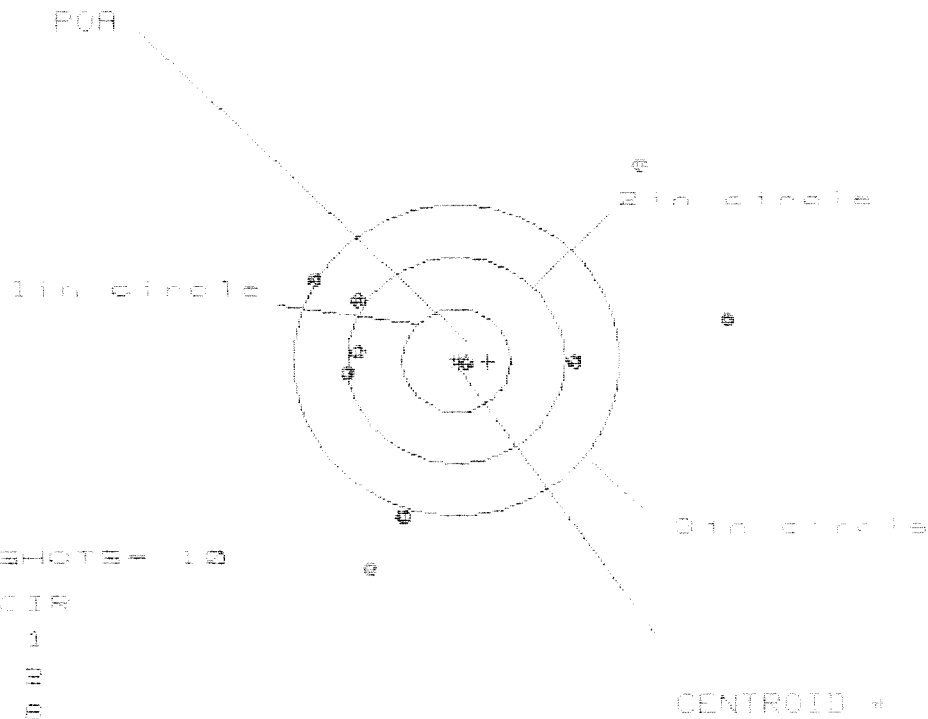
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6

8 (981)

FILE:/PATTERNING/CENTERFIRE_PATT/08085806

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 1

2in = 2

3in = 6

CS = 3.2000

ES = 3.9700

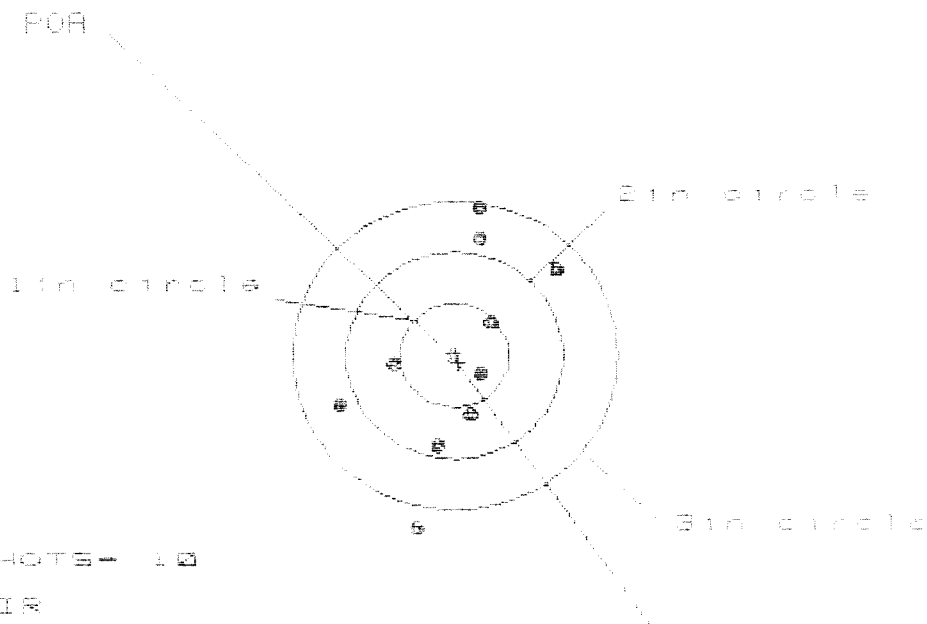
LS = 4.664

PATTERN #	:	2		
S&S BEST OF	:	10	9	8
4-1000	:	2.533	1.961	1.594
1-1000	:	-1.267	-1.986	-1.740
1-1000	:	1.910	1.953	1.047
1-1000	:	-2.060	-2.017	1.771
1-1000	:	-1.290	-1.574	-1.000
1-1000	:	1.014	-1.029	-1.274
1-1000 CENTROID	:	1.233	1.575	1.564
1-1000	:	1.119	1.403	1.507
1-1000	:	1.450	1.235	1.069
1-1000	:	2.563	2.768	1.789
1-1000	:	3.300	2.947	2.934
1-1000	:	3.970	3.970	2.319
1-1000	:	4.664	4.664	2.357
ONE INCH CIRCLE	=		1	
TWO INCH CIRCLE	=		2	
THREE INCH CIRCLE	=		6	

1981

FILE:/PATTERNING/CENTERFIRE_PATT/08885333

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

AS = 1.991

SE = 3.104

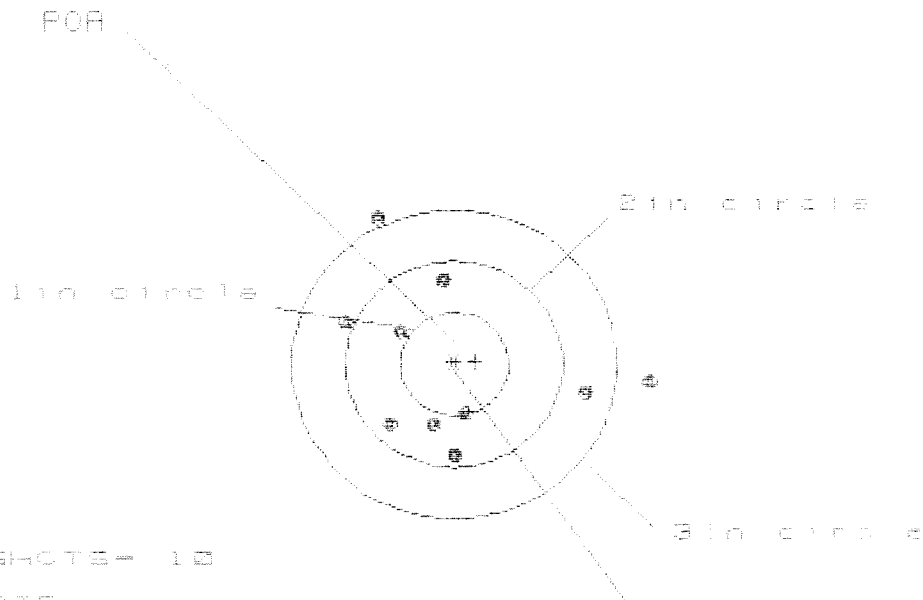
SE = 3.163

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.966	.926	.952
MINIMUM X	:	-1.025	-1.055	-1.039
MAXIMUM Y	:	1.469	1.287	1.110
MINIMUM Y	:	-1.635	-1.037	.876
CENTROID X	:	-.029	.001	-.025
CENTROID Y	:	.072	.254	.093
POB - CENTROID (in.)	:	.082	.254	.095
POB - X	:	.300	.320	.299
POB - Y	:	.954	.874	.798
POB - DIST	:	1.674	1.304	1.252
1 in SPREAD	:	1.991	1.991	1.991
2 in SPREAD	:	3.104	2.324	1.996
3 in SPREAD	:	3.163	2.397	2.397
ONE INCH CIRCLE	=		2	
TWO INCH CIRCLE	=		5	
THREE INCH CIRCLE	=		9	

NOV 1981

FILE/PATTERNING/CENTERFIRE_PATT/C8665833

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 5

ME = 2.734

SE = 0.233

CE = 2.961

PATTERN #

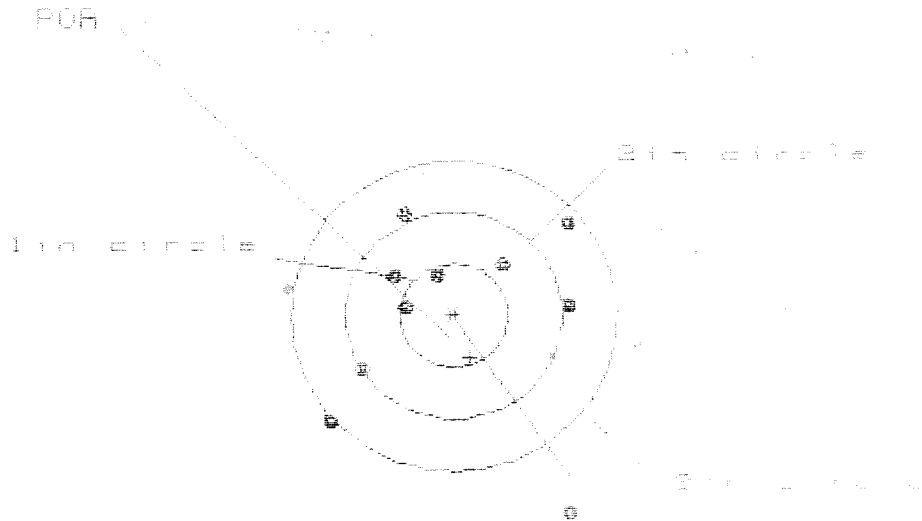
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SHOTS - BEST OF	10	9	8
ME-IMP	1.766	1.377	1.512
SE-IMP	-1.969	-1.772	-1.837
ME-IMP	1.394	1.370	1.309
SE-IMP	-1.836	-1.866	-1.609
ME-IMP	-1.261	-1.387	-1.332
SE-IMP	-1.000	1.004	-1.167
ME-IMP	1.202	1.397	1.371
SE-IMP	1.465	1.438	1.391
ME-IMP	1.983	1.868	1.785
SE-IMP	1.790	1.464	1.317
ME-IMP	2.734	2.149	2.149
SE-IMP	2.230	2.230	1.700
ME-IMP	2.961	2.519	2.271
ONE INCH CIRCLE =	1		
TWO INCH CIRCLE =	5		
THREE INCH CIRCLE =	8		

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FILE:/PATTERNING/CENTERFIRE_PATT/08855355

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

MEAN = 0.1003

SE = 0.046

SS = 0.007

CENTROID #

PATTERN #	5		
SPOTS (CENT OF)	10	9	8
MEAN X	1.065	1.183	1.058
MEAN Y	-1.118	-1.000	-1.001
MEAN X	1.016	.802	1.040
MEAN Y	-1.938	-1.226	-1.835
MEAN X	-1.151	-1.269	-1.144
MEAN Y	1.409	.623	1.771
MEAN X	1.436	.679	1.090
MEAN Y	1.398	.154	1.174
MEAN X	1.051	.848	1.750
MEAN Y	2.202	1.583	1.708
MEAN X	2.183	2.183	1.452
MEAN Y	2.946	2.028	1.431
MEAN X	2.307	2.906	2.217
1 in circle	=	2	
2 in circle	=	4	
3 in circle	=	8	