

FORM

UPC



0 47700 25716 7

C6665925

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

MODEL 700 TM M24

ORDER NO.

5715

BARBER - M24 0104076

Remington



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

MODEL 700TM M24

SERIAL NO.

C6665925

ORDER NO.

5716

20

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



5716 C6665925

ORDER 5716

MODEL 700TM M24

UPC

ORDER 5716

MODEL 700TM M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665925

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	GL
617	Drill and Tap Sight Holes	OCT	4 1991	FB
618	Polish Barrel		10/8/91	WB
620	Apply Coatings (Barrel Action)		10-22-91	JA
	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		10/30/91	JL

op. #	BARBER - M24 0104078 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 $\frac{1}{4}$	5 $\frac{1}{2}$	5 $\frac{1}{2}$			10-30-91	DH
	G) Safety Off Force	2 $\frac{1}{2}$	2 $\frac{3}{4}$	2 $\frac{1}{2}$			10-30-91	DH
	H) Trigger Pull Test & Retainability						10/30/91	JH
	I) Firing Pin Indent	.020	.020	.020			10-30-91	DH
	J) Assemble Stock						10/31/91	RW
	K) Assemble Swivel Studs						11-12-91	AC
	L) Attach Front and Rear Sight Assemblies						10/31/91	RW
	M) Iron Sight Alignment						10/31/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/31/91	RW
	O) Attach Scope to Rifle						10/31/91	RW
	P) Detach & Attach Scope 20 Times						10/31/91	RW
640	Gallery Target & Test						10-31-91	N
	A) Time						"	N
	B) Malfunctions						"	N
	C) Pierced Primers						"	N
	D) Optical Clarity of Scope						"	N
645	Inspect for Live Ammo						10-31-91	N
655	Final Inspection							
	A) Headspace						11-12-91	AC
	B) Trigger Pull	2.67	2.71	2.79	2.78	2.80	11-5-91	DH
	C) Function						11-12-91	AC
660.	Pack						12-19-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6665925

DATE 10/30/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.52	2.43	2.43	267	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.43	2.50	271	
PULL #3	2.43	2.45	2.43	279	
PULL #4	2.49	2.42	2.40	278	
PULL #5	2.43	2.40	2.40	280	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.40		
PULL #2	3.42	3.41		
PULL #3	3.42	3.40		
PULL #4	3.42	3.38		
PULL #5	3.45	3.34		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.35		4.38
PULL #2	4.30	4.35		4.37
PULL #3	4.32	4.28		4.26
PULL #4	4.42	4.32		4.29
PULL #5	4.38	4.36		4.33
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665925
31 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.798204
1 TO	2	.945213
1 TO	3	.804923
1 TO	4	.538814
1 TO	5	.789061

1 2 3 4 5 <----POA
1

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0082
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2478
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .247936

THE AMR FOR THIS RIFLE IS: 1.091

31 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08665925

CENTERFIRE PATTERNS # 1

POB

1 in circle

2 in circle

3 in circle

CENTROID =

OF SHOTS = 12

IN CIP

1st = 1

2nd = 5

3rd = 6

1st 2.555

2nd 2.249

3rd 3.721

1st 4

:

1

1st 4

:

10

9

8

:

1.208

1.007

.991

:

-1.762

-1.572

-1.446

:

.937

.889

.738

:

-1.312

-1.208

-1.335

:

.167

.303

.177

:

-.791

-.895

-.744

2nd 4

:

.790

.945

.769

3rd 4

:

.124

.090

.107

4th 4

:

1.052

.936

.826

5th 4

:

1.990

1.575

1.469

SPREAD

:

2.965

2.679

2.41

SPREAD

:

2.249

2.097

2.4

SPREAD

:

3.721

2.890

2.464

1st

:

1st INCH CIRCLE =

1

2nd

:

2nd INCH CIRCLE =

5

3rd

:

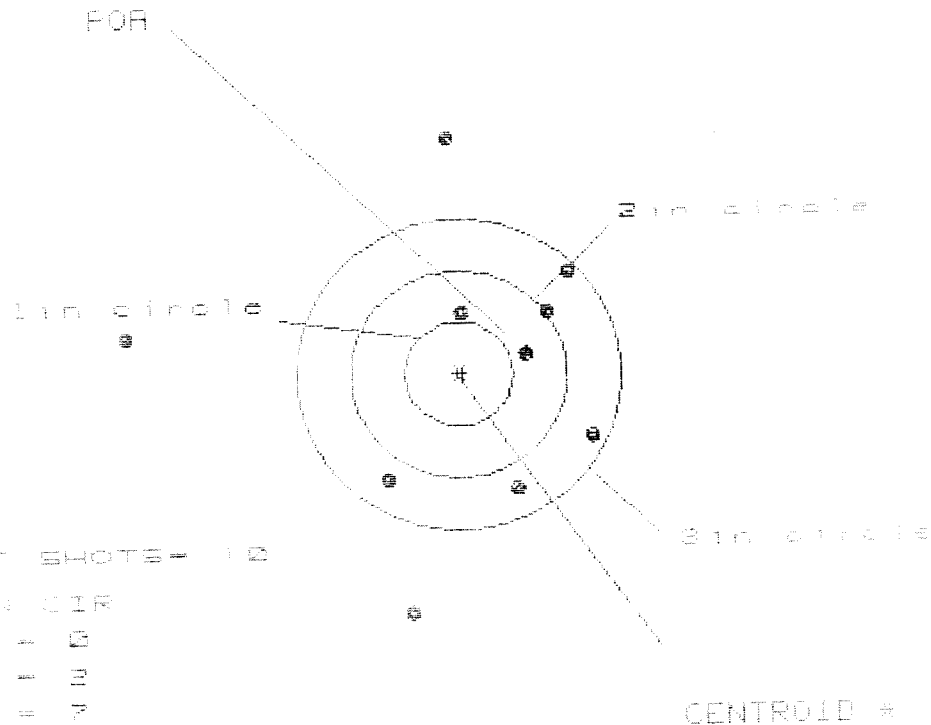
3rd INCH CIRCLE =

6

31 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665925

CENTERFIRE PATTERNS # 2



OF SHOTS= 12

IN CIR

1 in = 0

2 in = 3

3 in = 7

ME = 4.300

SX = 4.556

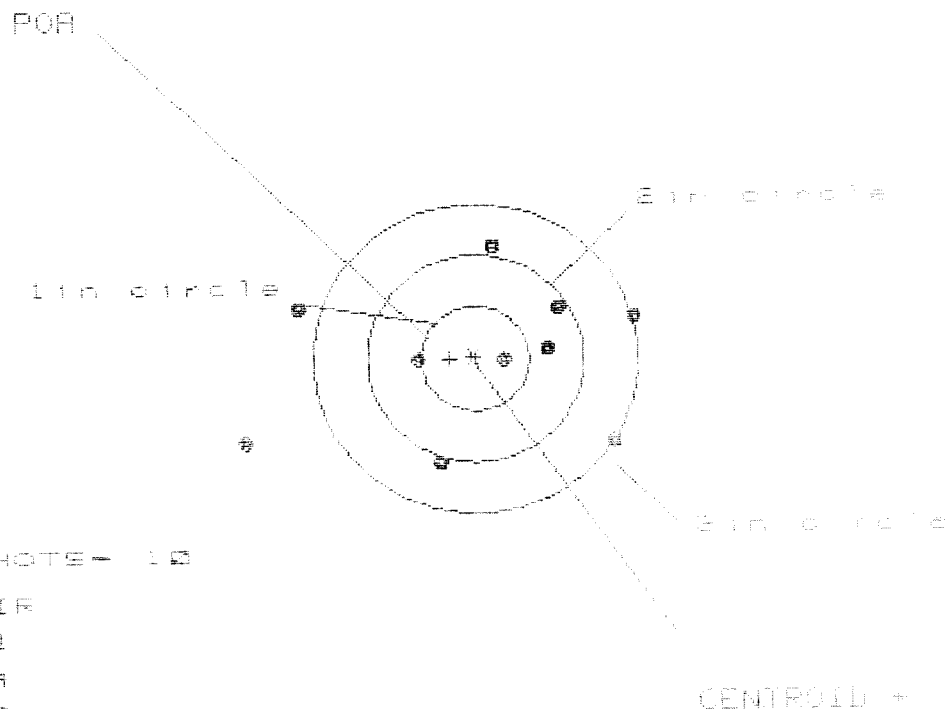
SY = 4.574

	10	9	8
LIST OF	1.203	.859	.760
	-3.097	-1.980	-1.679
	2.246	2.292	2.669
	-2.310	-2.264	-1.352
	-.625	-.281	-.162
	-.193	-.239	.044
MELOD	.654	.369	.197
	.607	.378	.230
	1.523	1.265	1.064
	3.124	2.400	2.068
SPREAD	4.380	1.839	1.839
SPREAD	4.556	4.556	3.361
SPREAD	4.574	4.574	3.406
ONE INCH CIRCLE	=	0	
TWO INCH CIRCLE	=	2	
THREE INCH CIRCLE	=	7	

31 Oct 1961

FILE:/PATTERNING/CENTERFIRE_PATT/CS665925

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in - 1

2 in - 4

3 in - 7

ME = 2.582

VE = 2.119

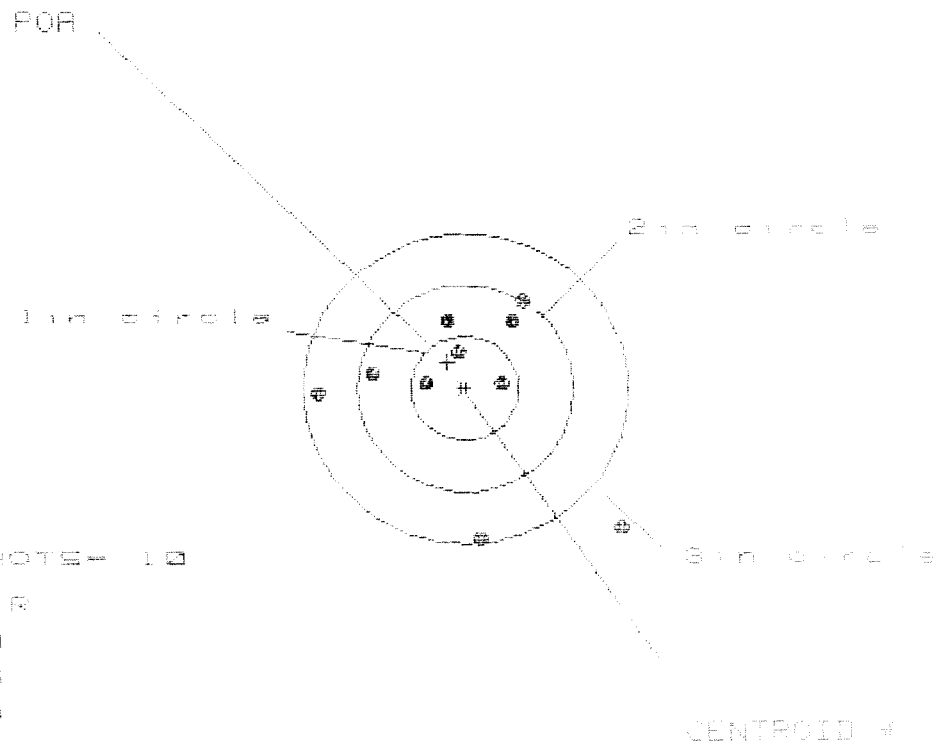
GE = 3.737

BARBER #	1	2	3
1. ELST OF:	10	9	8
2. X-COR	1.423	1.190	.953
3. Y-COR	-2.099	-1.892	-1.972
4. X-SPR	1.031	.991	1.045
5. Y-SPR	-1.038	-1.128	-1.073
6. X-SPR	.233	.466	.703
7. Y-SPR	.004	.094	.033
8. X-CENTROID	.233	.476	.704
9. Y-CENTROID	.291	.145	.149
10. X-RADIUS	1.154	.975	.817
11. Y-RADIUS	2.250	1.942	1.935
12. X-SPREAD	3.522	3.082	1.935
13. Y-SPREAD	2.119	2.119	2.119
14. X-SPREAD	3.737	3.222	2.288
15. X-ONE INCH CIRCLE	=	1	
16. X-TWO INCH CIRCLE	=	4	
17. X-THREE INCH CIRCLE	=	7	

31 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/06685925

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 9

ME = 2.830

SE = 2.898

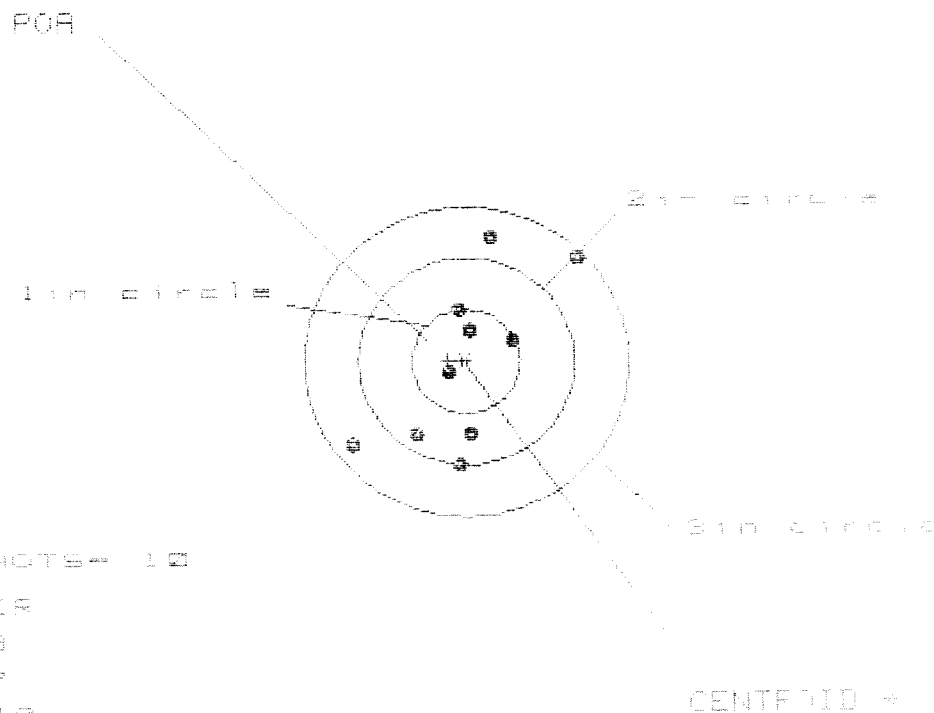
SG = 3.167

PATTERN #	1	2	3
NO. OF SHOTS OF:	10	9	8
MEAN X	1.440	.732	.763
MEAN Y	-1.390	-1.230	-1.199
MEAN Z	.881	.734	.539
MEAN X	-1.411	-1.558	-1.389
MEAN Y	.162	.002	-.029
MEAN Z	-.255	-.107	.088
MEAN CENTROID in.	.302	.107	.092
MEAN X	.328	.172	.091
MEAN Y	.930	.762	.626
MEAN Z	1.959	1.578	1.261
MEAN X SPREAD	2.930	1.962	1.962
MEAN Y SPREAD	2.292	2.292	.908
MEAN Z SPREAD	3.167	2.342	2.170
MEAN X ONE INCH CIRCLE	=	3	
MEAN Y TWO INCH CIRCLE	=	6	
MEAN Z THREE INCH CIRCLE	=	9	

31 Oct 1981

FILE:/PATTERNING/CENTERFIRE_PATT/06605925

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1st = 3

2nd = 7

3rd = 10

A= 2.117

B= 2.178

C= 2.742

PATTERN #	5		
BEST OF	10	9	8
1st	1.052	.574	.456
2nd	-1.065	-.948	-.468
3rd	1.220	1.327	1.240
4th	-.958	-.851	-.835
5th	.164	.047	.165
6th	-.004	-.111	-.027
7th	.164	.120	.160
8th	.170	.049	.163
9th	.796	.713	.652
10th	1.427	1.377	1.266
11th	2.117	1.522	.914
12th	2.178	2.178	2.170
13th	2.742	2.393	2.202
14th	ONE INCH CIRCLE =	3	
15th	TWO INCH CIRCLE =	7	
16th	THREE INCH CIRCLE =	10	