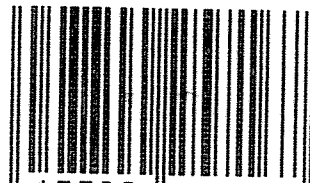


BARBER - M24 0103907

FORM

UPC



0 47700 25716 2

C6665909

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

BARBER - M24 0103908

5716

ORDER NO.

MODEL 700 TM M24

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~0103908~~ 0103947

BARBER - M24 0103909

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665909

ORDER NO.

5716

20

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



5716 C6665909

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 #

C6665909

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/91	KH
600	Proof		10/1/91	KH
607	Check Headspace		10/1/91	KH
610	Dis-assemble Gun		10/1/91	KH
612	Magnaflux Barrel Action	OCT	8 1991	KR
	Magnaflux Bolt	OCT	8 1991	KR
615	Rollmark Caliber	OCT	8 1991	JS
617	Drill and Tap Sight Holes	OCT	8 1991	LB
618	Polish Barrel		10/15/91	WB
620	Apply Coatings (Barrel Action)		11-8-91	JS
	Apply Coating (Bolt)			
625	Final Assembly		12/3/91	KS
	A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/3/91	KS
	C) Inspect Ejector Hole for Chamfer		12/3/91	KS
	D) Oil Firing Pin Ass'y		12/3/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		12-6-91	JS

op. #	BARBER M24 0103911	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			12-6-91	JK
	G) Safety Off Force	3	3	3			12-6-91	JK
	H) Trigger Pull Test & Retainability						12-6-91	JK
	I) Firing Pin Indent	.021	.021	.021			12-6-91	JK
	J) Assemble Stock						12/4/91	JK
	K) Assemble Swivel Studs						12-11-91	AC
	L) Attach Front and Rear Sight Assemblies						12/4/91	JK
	M) Iron Sight Alignment						12/6/91	JK
	N) Detach Front & Rear Sights & place in numbered container						12/6/91	JK
	O) Attach Scope to Rifle						12/6/91	JK
	P) Detach & Attach Scope 20 Times						12/6/91	JK
640	Gallery Target & Test						12/9/91	JK
	A) Time							JK
	B) Malfunctions							JK
	C) Pierced Primers							JK
	D) Optical Clarity of Scope							JK
645	Inspect for Live Ammo						12/9/91	JK
655	Final Inspection							
	A) Headspace						12-11-91	AC
	B) Trigger Pull	2.30	2.42	2.54	2.47	2.45	12-11-91	JK
	C) Function						12-11-91	AC
660	Pack						12-19-91	JK

SWS TRIGGER PULL TESTAVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665909DATE 12-6-91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.29	2.33	2.39	2.30	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.36	2.37	2.44	2.42	
PULL #3	2.37	2.39	2.30	2.54	
PULL #4	2.30	2.39	2.28	2.47	
PULL #5	2.35	2.36	2.31	2.45	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.39		
PULL #2	3.34	3.48		
PULL #3	3.49	3.44		
PULL #4	3.40	3.38		
PULL #5	3.37	3.44		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.59	4.46		4.57
PULL #2	4.46	4.60		4.49
PULL #3	4.55	4.54		4.38
PULL #4	4.50	4.54		4.33
PULL #5	4.40	4.44		4.48
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665909
9 Dec 1991

CENTROIDAL DISTANCES

0 TO 1	.164779
1 TO 2	.319157
1 TO 3	.15729
1 TO 4	.34224
1 TO 5	.0991817

24 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1574
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0706
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .172508
THE AVERAGE POI RADIUS FOR THIS RIFLE IS: .9306

9 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665309

CENTERFIRE PATTERNS

1

FOR

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 7

HS= 2.614

VS= 3.380

GS= 3.421

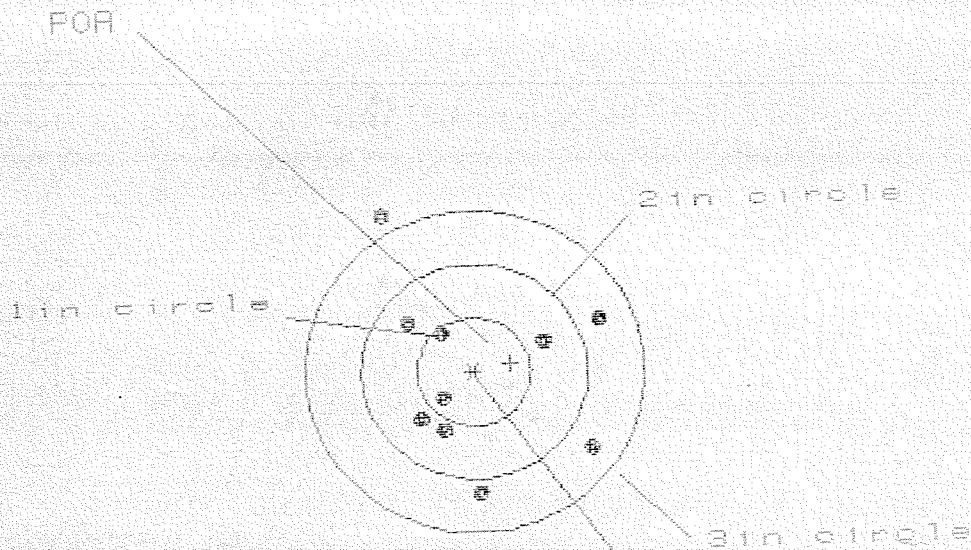
CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.549	1.430	1.349
MINIMUM X	-1.065	-0.943	-1.024
MAXIMUM Y	1.635	1.441	1.113
MINIMUM Y	-1.745	-1.383	-1.203
CENTROID X	-0.016	.103	.184
CENTROID Y	-.164	.030	-.150
FOR TO CENTROID in.	.165	.107	.238
MIN RADIUS	.482	.378	.455
MEAN RADIUS	1.129	1.002	.923
MAX RADIUS	2.044	1.582	1.355
HORIZONTAL SPREAD	2.614	2.373	2.373
VERTICAL SPREAD	3.380	2.824	2.316
EXTREME SPREAD	3.421	3.037	2.583
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

9 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665909

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 9

HS = 1.850

VS = 2.651

GS = 2.823

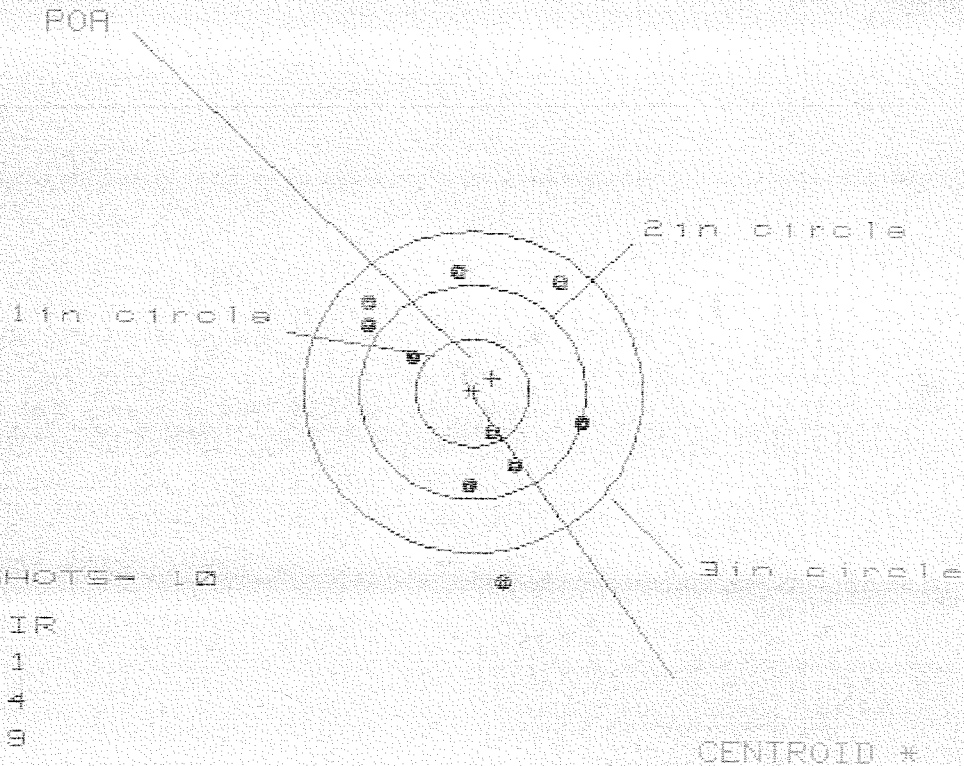
PATTERN #

	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.097	1.013	1.128
MINIMUM X	-.753	-.694	-.579
MAXIMUM Y	1.502	.666	.599
MINIMUM Y	-1.149	-.983	-1.050
CENTROID X	-.321	-.237	-.352
CENTROID Y	-.070	-.236	-.169
POA TO CENTROID in.	.328	.335	.391
MIN RADIUS	.370	.371	.287
MEAN RADIUS	.878	.784	.719
MAX RADIUS	1.680	1.213	1.277
HORIZONTAL SPREAD	1.850	1.707	1.707
VERTICAL SPREAD	2.651	1.649	1.649
EXTREME SPREAD	2.823	1.991	1.978
NUMBER IN ONE INCH CIRCLE =	2	6	9
NUMBER IN TWO INCH CIRCLE =	6	9	
NUMBER IN THREE INCH CIRCLE =	9		

9 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665983

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 1.956

VS= 2.863

GS= 2.894

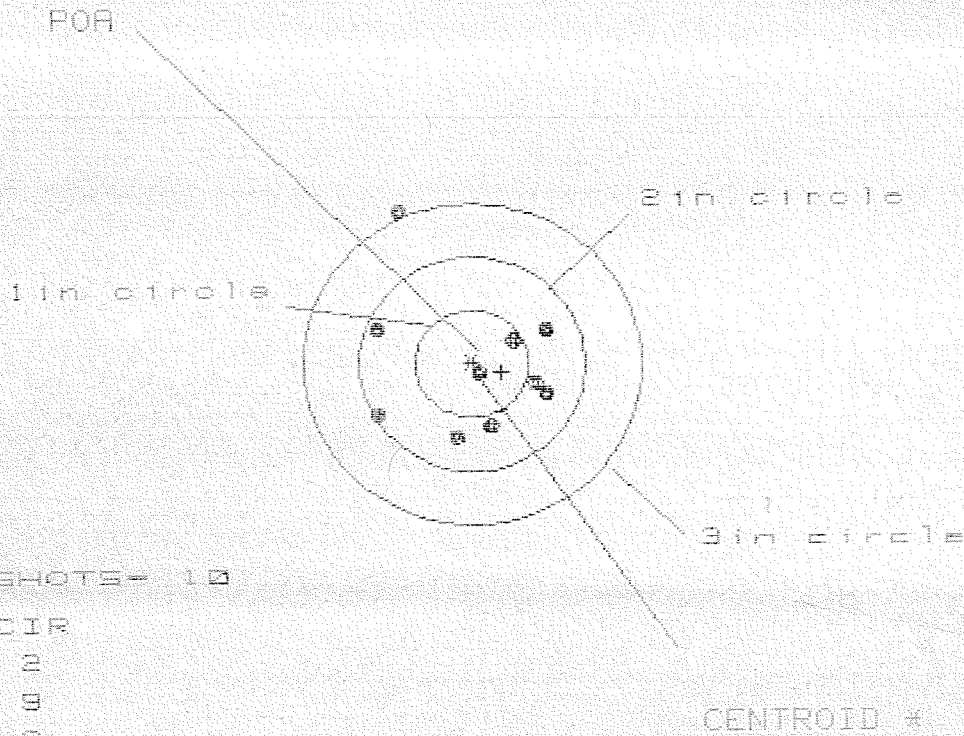
CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.979	1.013	1.115
MINIMUM X	-.977	-.943	-.841
MAXIMUM Y	1.092	.896	.998
MINIMUM Y	-1.771	-1.043	-.941
CENTROID X	-.170	-.204	-.306
CENTROID Y	-.132	.064	-.039
POA TO CENTROID in.	.216	.213	.309
MIN RADIUS	.421	.529	.484
MEAN RADIUS	1.031	.941	.897
MAX RADIUS	1.796	1.163	1.178
HORIZONTAL SPREAD	1.956	1.956	1.956
VERTICAL SPREAD	2.863	1.939	1.939
EXTREME SPREAD	2.894	2.200	2.200
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

9 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665309

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 9

3 in = 9

HS= 1.520

VS= 2.114

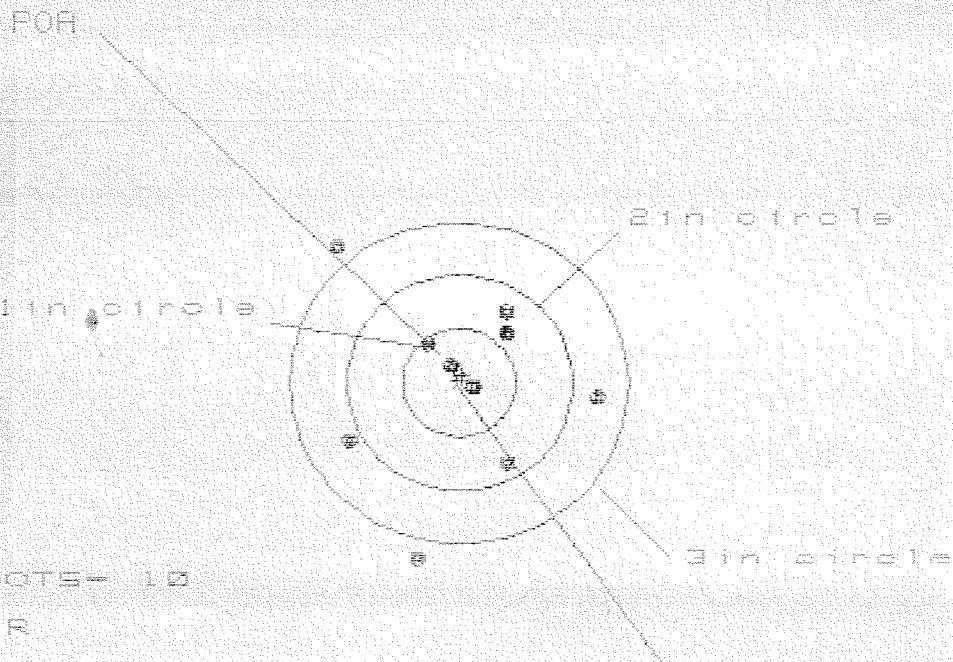
GS= 2.185

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.673	.598	.482
MINIMUM X	-.847	-.922	-1.000
MAXIMUM Y	1.462	.472	.436
MINIMUM Y	-.651	-.489	-.525
CENTROID X	-.258	-.183	-.067
CENTROID Y	.078	-.084	-.048
POA TO CENTROID in.	.269	.201	.083
MIN RADIUS	.101	.079	.143
MEAN RADIUS	.725	.586	.520
MAX RADIUS	1.611	.988	1.078
HORIZONTAL SPREAD	1.520	1.520	1.482
VERTICAL SPREAD	2.114	.961	.961
EXTREME SPREAD	2.185	1.700	1.564
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	9	
NUMBER IN THREE INCH CIRCLE	=	9	

9 Dec 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 8

HS= 2.279

VS= 2.912

GS= 2.993

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.180	1.058	.992
MINIMUM X	-1.099	-1.084	-1.150
MAXIMUM Y	1.308	.827	.645
MINIMUM Y	-1.604	-1.459	-.818
CENTROID X	-.022	.100	.166
CENTROID Y	-.065	-.210	-.028
POA TO CENTROID in.	.069	.233	.169
MIN RADIUS	.171	.116	.078
MEAN RADIUS	.890	.805	.662
MAX RADIUS	1.709	1.551	1.291
HORIZONTAL SPREAD	2.279	2.142	2.142
VERTICAL SPREAD	2.912	2.286	1.463
EXTREME SPREAD	2.993	2.445	2.187
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		