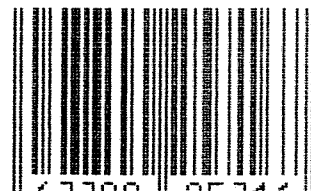


BARBER - M24 0104774

FORM

UPC



0 47700 25716 7

6665984

CAPACITY*
*INCLUDES 1 IN CHAMBER

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0104774 0104813

BARBER - M24 0104775

MODEL 700TM M24

ORDER NO.

BARREL LENGTH

5716

Remington		DUPONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ M24			SERIAL NO. C6665984
		20	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.			



5716 C6665984

ORDER 5716

MODEL 700™ M24

UPC

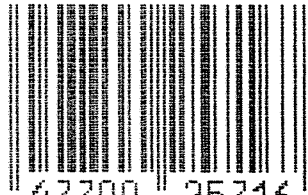


0 47700 25716 7

ORDER 5716

MODEL 700™ M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6665984

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	9/25/91	KA
600	Proof		9/25/91	KA
607	Check Headspace		9/25/91	KA
610	Dis-assemble Gun		9/25/91	KA
612	Magnaflux Barrel Action		OCT 2 1991	KR
	Magnaflux Bolt		OCT 2 1991	KR
615	Rollmark Caliber		OCT 2 1991	LS
617	Drill and Tap Sight Holes		OCT 2 1991	LB
618	Polish Barrel		OCT 4 1991	WB
620	Apply Coatings (Barrel Action)		10/14/91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/16/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/16/91	KL
	C) Inspect Ejector Hole for Chamfer		10/16/91	KL
	D) Oil Firing Pin Ass'y		10/16/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		10/17/91	KL

op. #	BARBER M24 0104778	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	6 ³ / ₄	7 ³ / ₄	7 ³ / ₄	10-17-91	DH		
	G) Safety Off Force	3	3	3	10-17-91	DH		
	H) Trigger Pull Test & Retainability				10/17/91	DEL		
	I) Firing Pin Indent	.020	.023	.022	10-17-91	DH		
	J) Assemble Stock				10/22/91	KA		
	K) Assemble Swivel Studs				10-30-91	AC		
	L) Attach Front and Rear Sight Assemblies				10/22/91	KA		
	M) Iron Sight Alignment				10/22/91	KA		
	N) Detach Front & Rear Sights & place in numbered container				10/22/91	KA		
	O) Attach Scope to Rifle				10/22/91	KA		
	P) Detach & Attach Scope 20 Times				10/22/91	KA		
640	Gallery Target & Test				10-23-91	DH		
	A) Time				10-23-91	DH		
	B) Malfunctions				10-23-91	DH		
	C) Pierced Primers				10-23-91	DH		
	D) Optical Clarity of Scope				10-23-91	DH		
645	Inspect for Live Ammo				10-23-91	DH		
655	Final Inspection							
	A) Headspace				10-30-91	AC		
	B) Trigger Pull	268	279	278	274	279	10-28-91	DH
	C) Function						10-30-91	AC
660	Pack						12-17-91	VF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C-6665984

DATE 10-17-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.23	2.48	268	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.11	2.47	2.45	279	
PULL #3	2.31	2.67	2.50	278	
PULL #4	2.31	2.33	2.43	274	
PULL #5	2.27	2.39	2.46	279	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.63	3.52		
PULL #2	3.54	3.18		
PULL #3	3.53	3.61		
PULL #4	3.52	3.52		
PULL #5	3.49	3.43		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.49	4.19		4.29
PULL #2	4.29	4.50		4.39
PULL #3	4.43	4.41		4.45
PULL #4	4.31	4.27		4.49
PULL #5	4.36	4.31		4.55
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665984
24 Oct 1991

CENTROIDAL DISTANCES

0	TO	1	.246617
1	TO	2	.548606
1	TO	3	.474494
1	TO	4	.474673
1	TO	5	.483125

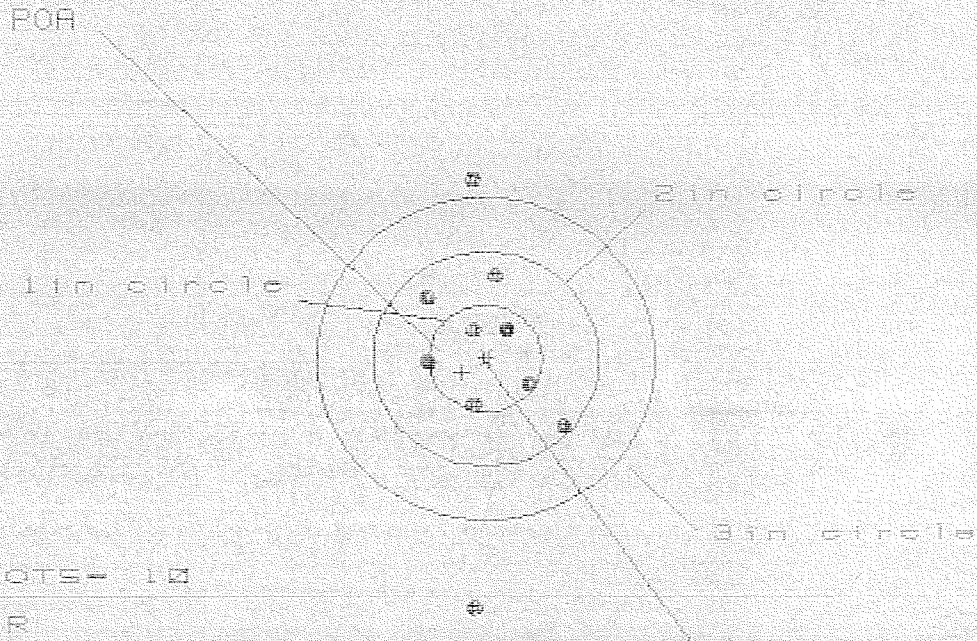
FOR

```
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1224
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0038
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .122459
THE RMR FOR THIS RIFLE IS: .9018
```

24 Oct 1991

FILE: /PATTERNING/CENTERFIRE_PATT/C8865984

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 5

2 in = 8

3 in = 8

HS= 1.276

VS= 3.983

GS= 3.983

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.726	.716	.704
MINIMUM X	-.550	-.560	-.572
MAXIMUM Y	1.656	1.397	.651
MINIMUM Y	-2.327	-.835	-.660
CENTROID X	.212	.222	.234
CENTROID Y	.126	.385	.210
POA TO CENTROID in.	.247	.444	.315
MIN RADIUS	.330	.116	.259
MEAN RADIUS	.853	.649	.566
MAX RADIUS	2.329	1.400	.965
HORIZONTAL SPREAD	1.276	1.276	1.276
VERTICAL SPREAD	3.983	2.232	1.311
EXTREME SPREAD	3.983	2.375	1.730
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	8		

24 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665964

CENTERFIRE PATTERNS # 2

POB

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 1.974

VS= 2.930

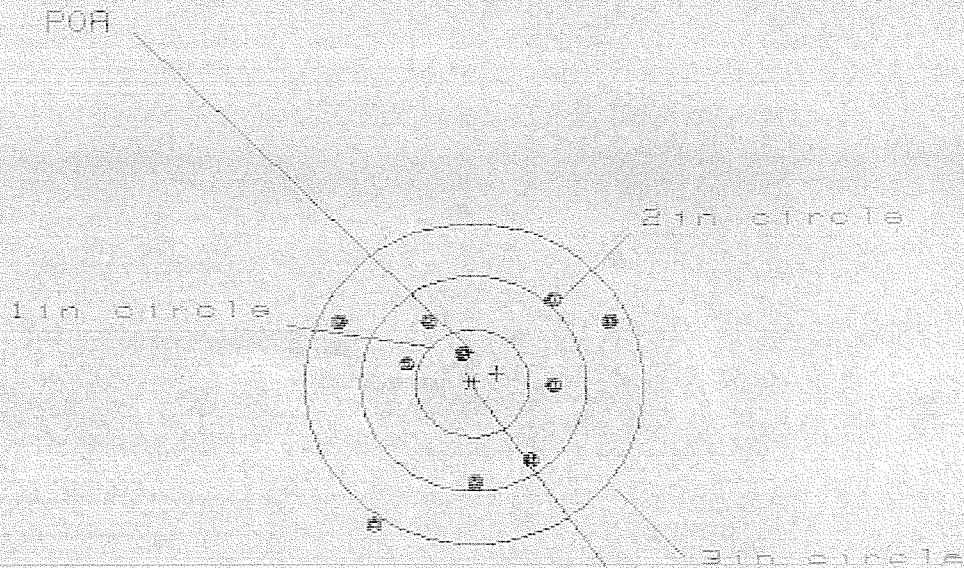
GS= 2.930

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.749	.829	.834
MINIMUM X	:	-1.225	-1.145	-1.041
MAXIMUM Y	:	1.089	.885	.849
MINIMUM Y	:	-1.841	-1.247	-1.137
CENTROID X	:	-.090	-.170	-.274
CENTROID Y	:	-.332	-.128	-.238
POB TO CENTROID in.	:	.344	.213	.363
MIN RADIUS	:	.361	.177	.181
MEAN RADIUS	:	1.004	.854	.802
MAX RADIUS	:	1.975	1.307	1.239
HORIZONTAL SPREAD	:	1.974	1.974	1.875
VERTICAL SPREAD	:	2.930	2.132	1.986
EXTREME SPREAD	:	2.930	2.253	2.043
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

24 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C86683904

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.395

VS= 2.143

GS= 2.860

CENTROID *

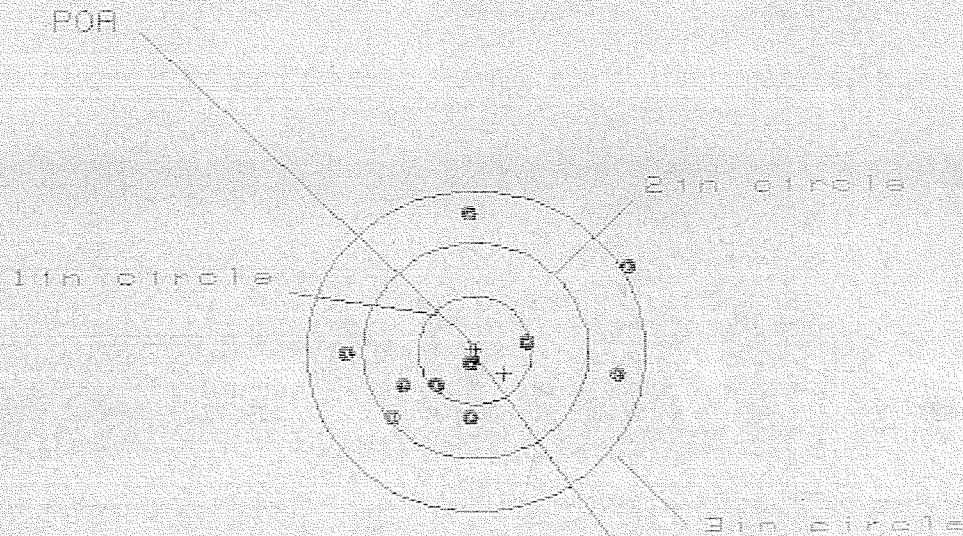
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.230	1.128	.779
MINIMUM X	:	-1.165	-1.267	-1.126
MAXIMUM Y	:	.804	.656	.706
MINIMUM Y	:	-1.339	-1.022	-.972
CENTROID X	:	-.212	-.110	-.251
CENTROID Y	:	-.087	.061	.011
POA TO CENTROID in.	:	.229	.126	.251
MIN RADIUS	:	.297	.260	.191
MEAN RADIUS	:	.931	.839	.776
MAX RADIUS	:	1.622	1.330	1.215
HORIZONTAL SPREAD	:	2.395	2.395	1.905
VERTICAL SPREAD	:	2.143	1.678	1.678
EXTREME SPREAD	:	2.860	2.395	2.053
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

24 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665964

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 2.500

VS= 1.909

GS= 2.625

CENTROID #

PATTERN #	4	5	6
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.367	1.415	1.424
MINIMUM X	-1.133	-1.981	-1.972
MAXIMUM Y	1.288	1.374	1.303
MINIMUM Y	-1.621	-1.535	-1.364
CENTROID X	-1.255	-1.407	-1.416
CENTROID Y	.211	.125	-1.046
POA TO CENTROID in.	.330	.425	.419
MIN RADIUS	.105	.153	.206
MEAN RADIUS	.863	.749	.641
MAX RADIUS	1.567	1.422	1.424
HORIZONTAL SPREAD	2.500	2.396	2.396
VERTICAL SPREAD	1.909	1.909	1.667
EXTREME SPREAD	2.625	2.404	2.404
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

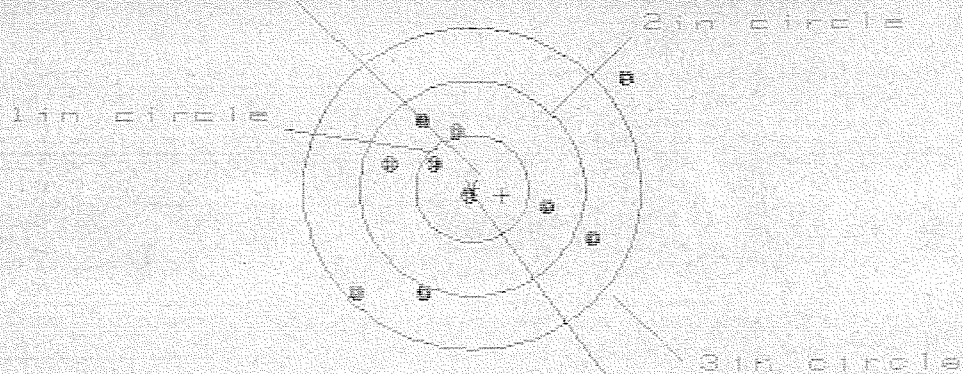
24 Oct 1991

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CENTERFIRE PATTERNS

5

POA



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.359

VS= 1.961

GS= 3.068

CENTROID *

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.361

1.226

1.120

MINIMUM X

-.998

-.847

-.735

MAXIMUM Y

.996

.761

.655

MINIMUM Y

-.965

-.855

-.957

CENTROID X

-.267

-.418

-.312

CENTROID Y

.063

-.047

.059

POA TO CENTROID in.

.274

.420

.317

MIN RADIUS

.102

.099

.082

MEAN RADIUS

.858

.756

.681

MAX RADIUS

1.686

1.268

1.200

HORIZONTAL SPREAD

2.359

2.073

1.855

VERTICAL SPREAD

1.961

1.616

1.612

EXTREME SPREAD

3.068

2.139

1.974

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

9