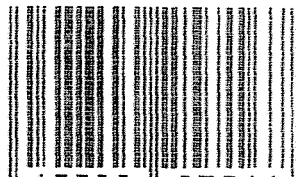


BARBER - M24 0066298

FORM

UPC



0 47700 25716 7

06649204

INCLUDES 1 IN CHAMBER

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0066298 066337

MODEL 700 TM M24

ORDER NO.

5716

BARREL LENGTH

CAPACITY*

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6649204

ORDER NO.

5716

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

20



5716 C6649204

ORDER 5716

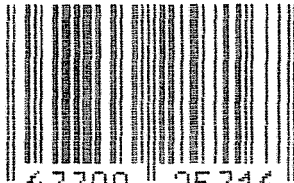
MODEL 700 TM M24

UPC

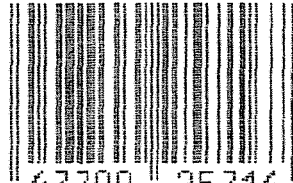
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649204

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	91	RW
600	Proof	9 26	91	RW
607	Check Headspace	9 26	91	RW
610	Dis-assemble Gun	9 26	91	RW
612	Magnaflux Barrel Action		SEP 30 1991	KR
	Magnaflux Bolt		SEP 30 1991	KR
615	Rollmark Caliber		SEP 30 1991	SS.
617	Drill and Tap Sight Holes		SEP 30 1991	LB
618	Polish Barrel		OCT 2 1991	WB
620	Apply Coatings (Barrel Action)		10-13-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/13/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/13/91	RW
	C) Inspect Ejector Hole for Chamfer		10/13/91	RW
	D) Oil Firing Pin Ass'y		10/13/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/24/91	SH

op. #	BARBER M24 0066302	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	5	5			10/21/91	SL
	G) Safety Off Force	4	3	3			10/21/91	SL
	H) Trigger Pull Test & Retainability						10/21/91	SL
	I) Firing Pin Indent	1022	10225	10225			10/21/91	SL
	J) Assemble Stock						10/21/91	RW
	K) Assemble Swivel Studs						10-22-91	AC
	L) Attach Front and Rear Sight Assemblies						10/21/91	RW
	M) Iron Sight Alignment						10/21/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/21/91	RW
	O) Attach Scope to Rifle						10/21/91	RW
	P) Detach & Attach Scope 20 Times						10/21/91	RW
640	Gallery Target & Test						10-21-91	AC
	A) Time						10-21-91	AC
	B) Malfunctions						10-21-91	AC
	C) Pierced Primers						10-21-91	AC
	D) Optical Clarity of Scope						10-21-91	AC
645	Inspect for Live Ammo						10-21-91	AC
655	Final Inspection							
	A) Headspace						10-22-91	AC
	B) Trigger Pull	279	279	280	280	280	10-22-91	DH
	C) Function						10-22-91	AC
660	Pack						12-15-91	N

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

SERIAL NO. C6649204DATE 10/21/91TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.56	2.54	279	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.58	2.69	2.50	279	
PULL #3	2.56	2.65	2.58	280	
PULL #4	2.54	2.68	2.55	280	
PULL #5	2.54	2.55	2.60	280	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.64	3.50		
PULL #2	3.44	3.47		
PULL #3	3.39	3.41		
PULL #4	3.52	3.42		
PULL #5	3.50	3.42		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.37		4.28
PULL #2	4.32	4.27		4.37
PULL #3	4.35	4.28		4.20
PULL #4	4.36	4.26		4.34
PULL #5	4.44	4.20		4.35
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06649204
21 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.351648
1 TO	2	.701116
1 TO	3	.59503
1 TO	4	.280444
1 TO	5	.669857

1+2 <----POB
5

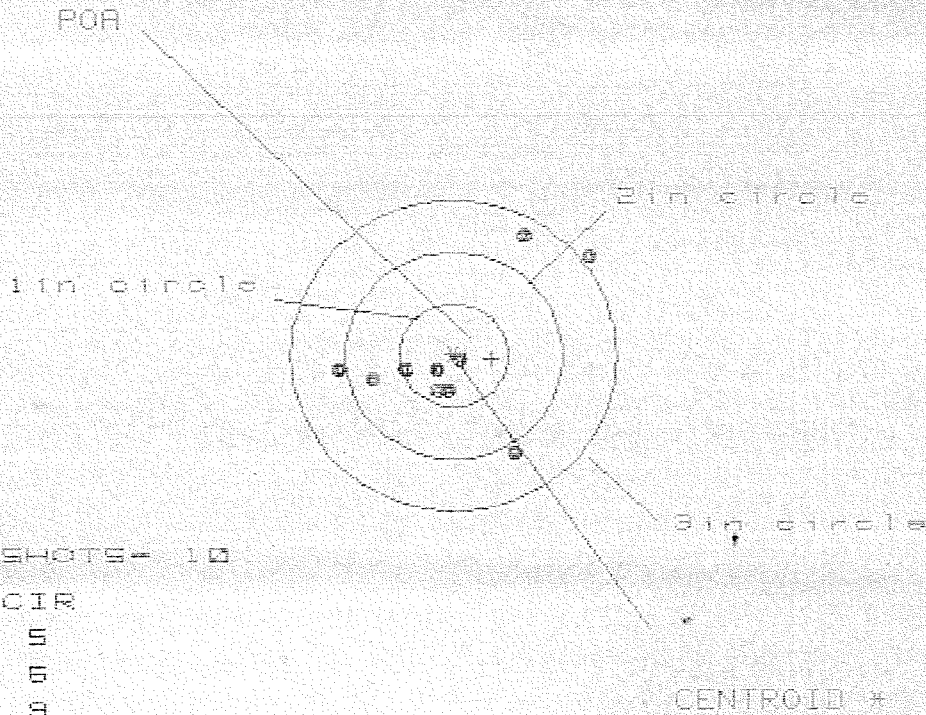
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0268
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1124
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .115551

THE AMR FOR THIS RIFLE IS: .9588

21 Oct 1991

FILE: /PATTERNING/CENTERFIRE_PATT/08649204

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 5

2 in = 6

3 in = 9

HS = 2.320

VS = 2.161

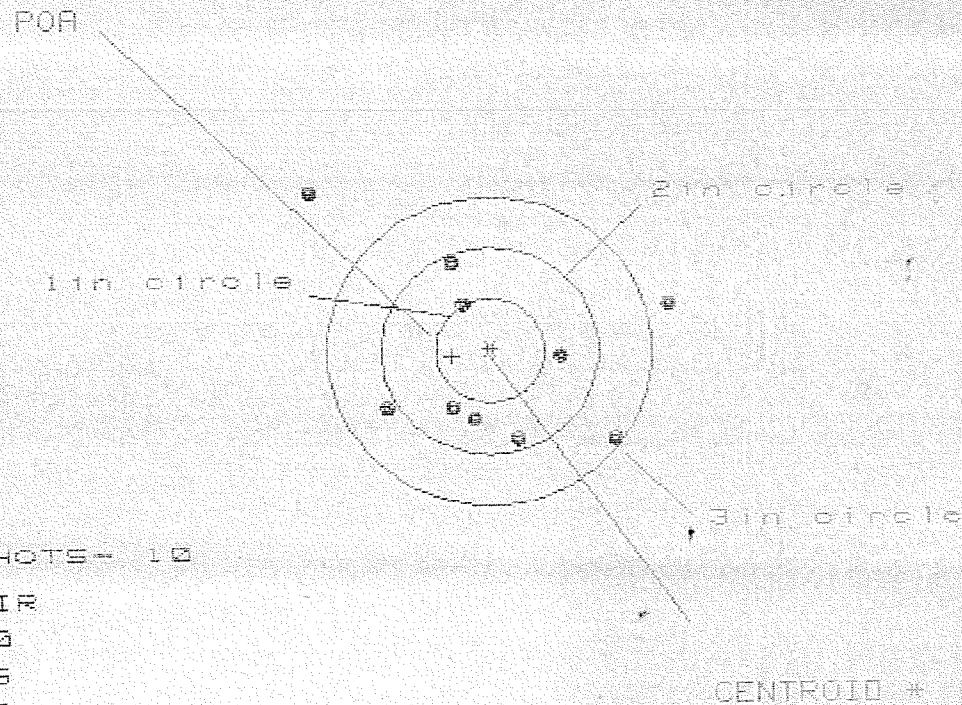
GS = 2.564

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.250	.755	.794
MINIMUM X	-1.070	-.931	-.837
MAXIMUM Y	1.195	1.305	.281
MINIMUM Y	-.966	-.856	-.693
CENTROID X	-.350	-.489	-.583
CENTROID Y	.034	-.076	-.239
POA TO CENTROID in.	.351	.494	.630
MIN RADIUS	.099	.039	.120
MEAN RADIUS	.728	.572	.440
MAX RADIUS	1.595	1.508	1.054
HORIZONTAL SPREAD	2.320	1.686	1.631
VERTICAL SPREAD	2.161	2.161	.974
EXTREME SPREAD	2.564	2.162	1.847
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

21 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C8649204

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 6

3 in = 8

HS= 3.337

VS= 2.416

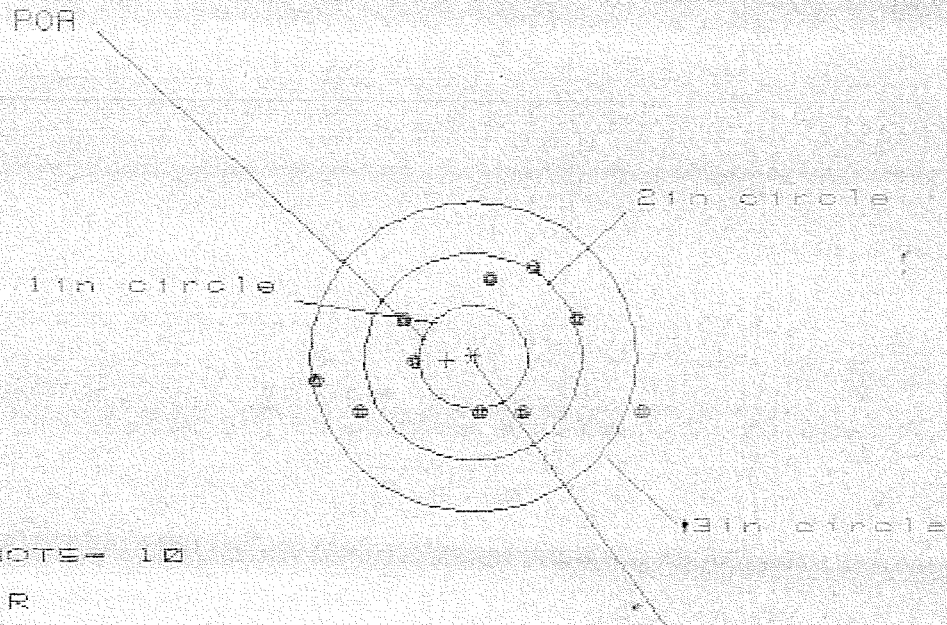
CS= 3.693

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.668	1.483	1.155
MINIMUM X	-1.669	-1.088	-1.903
MAXIMUM Y	1.560	1.051	1.135
MINIMUM Y	-0.856	-0.683	-0.599
CENTROID X	.351	.536	.351
CENTROID Y	.049	-.124	-.208
POB TO CENTROID in.	.354	.550	.408
MIN RADIUS	.563	.448	.398
MEAN RADIUS	1.079	.918	.794
MAX RADIUS	2.284	1.627	1.285
HORIZONTAL SPREAD	3.337	2.571	2.056
VERTICAL SPREAD	2.416	1.734	1.734
EXTREME SPREAD	3.693	2.759	2.250
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	9	

21 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8645204

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 0

2in = 6

3in = 8

HS= 3.064

VS= 1.414

GS= 3.083

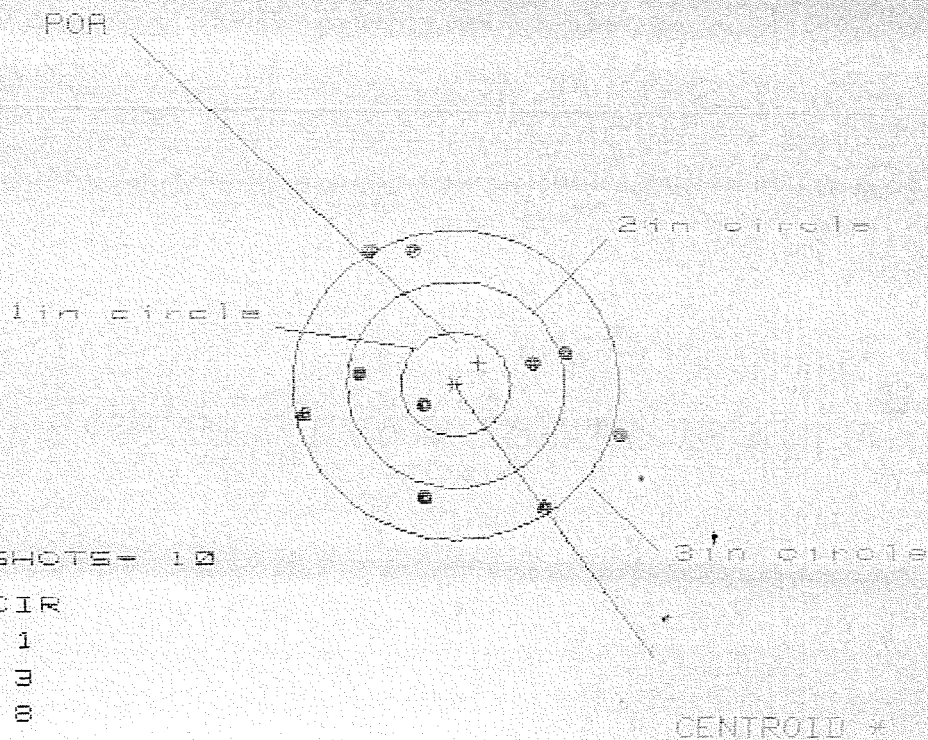
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.578	1.081	.917
MINIMUM X	:	-1.486	-1.311	-1.017
MAXIMUM Y	:	.870	.809	.776
MINIMUM Y	:	-.544	-.604	-.637
CENTROID X	:	.245	.070	.234
CENTROID Y	:	.028	.089	.122
POA TO CENTROID in.	:	.247	.113	.264
MIN RADIUS	:	.543	.390	.557
MEAN RADIUS	:	.958	.861	.798
MAX RADIUS	:	1.669	1.337	1.179
HORIZONTAL SPREAD	:	3.064	2.392	1.934
VERTICAL SPREAD	:	1.414	1.413	1.413
EXTREME SPREAD	:	3.083	2.456	2.115
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

21 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/06649284

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 8

HS = 2.879

VS = 2.459

GS = 2.934

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.483	1.157	1.081
MINIMUM X	-1.396	-1.231	-1.307
MAXIMUM Y	1.300	1.245	1.079
MINIMUM Y	-1.159	-1.214	-1.058
CENTROID X	-.210	-.375	-.299
CENTROID Y	-.209	-.154	-.310
POA TO CENTROID in.	.297	.406	.431
MIN RADIUS	.347	.288	.217
MEAN RADIUS	1.137	1.075	1.019
MAX RADIUS	1.564	1.568	1.411
HORIZONTAL SPREAD	2.879	2.388	2.388
VERTICAL SPREAD	2.459	2.459	2.437
EXTREME SPREAD	2.934	2.934	2.723
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	8		

21 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/06649204

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 3.210

VS= 2.890

GS= 3.298

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.243

1.205

1.126

MINIMUM X

-.967

-1.005

-.854

MAXIMUM Y

1.011

.802

.544

MINIMUM Y

-1.879

-.737

-.637

CENTROID X

.098

.136

-.015

CENTROID Y

-.464

-.255

-.255

POA TO CENTROID in.

.474

.289

.356

MIN RADIUS

.243

.059

.169

MEAN RADIUS

.892

.763

.665

MAX RADIUS

1.910

1.448

1.136

HORIZONTAL SPREAD

2.210

2.210

1.980

VERTICAL SPREAD

2.890

1.539

1.181

EXTREME SPREAD

3.298

2.271

2.099

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

8