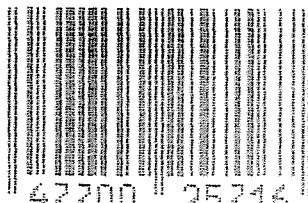


BARBER - M24 0104539

FORN

UPC



0 47700 25716 7

09065964

CAPACITY*
*INCLUDES 1 IN CHAMBER

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0104539 M24099104578

BARBER - M24 0104540

MODEL 700 TM M24

ORDER NO.

5716

BARBER - M24 0104540

BARBER - M24 0104541

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665964

ORDER NO.

5716

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

20



5716 C6665964

ORDER 5716

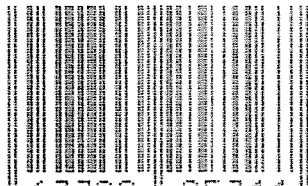
MODEL 700 TM M24

UPC

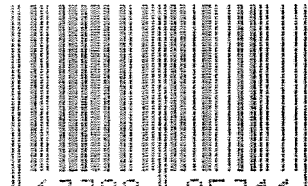
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665964

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/24/91	KH
600	Proof		9/24/91	KH
607	Check Headspace		9/24/91	KH
610	Dis-assemble Gun		9/24/91	KH
612	Magnaflux Barrel Action	OCT 2 1991		KR
	Magnaflux Bolt	OCT 2 1991		KR
615	Rollmark Caliber	OCT 2 1991		GS.
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	TH
	Apply Coating (Bolt)		10/14/91	TH
625	Final Assembly A) Clean inside of Bolt Assembly		10/28/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/28/91	KH
	C) Inspect Ejector Hole for Chamfer		10/28/91	KH
	D) Oil Firing Pin Ass'y		10/28/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		10/29/91	JP

op. #	BARBER - M24 0104543 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			10/29/91	SL
	G) Safety Off Force	4	4	4			10/29/91	SL
	H) Trigger Pull Test & Retainability						10/29/91	SL
	I) Firing Pin Indent	10205	10205	10205			10/29/91	SL
	J) Assemble Stock						10/29/91	SL
	K) Assemble Swivel Studs						10-30-91	K
	L) Attach Front and Rear Sight Assemblies						10/29/91	SL
	M) Iron Sight Alignment						10/29/91	SL
	N) Detach Front & Rear Sights & place in numbered container						10/29/91	SL
	O) Attach Scope to Rifle						10/29/91	SL
	P) Detach & Attach Scope 20 Times						10/29/91	SL
640	Gallery Target & Test						10-29-91	N
	A) Time						"	N
	B) Malfunctions						"	N
	C) Pierced Primers						"	N
	D) Optical Clarity of Scope						"	N
645	Inspect for Live Ammo						10-29-91	N
655	Final Inspection							
	A) Headspace						10-30-91	AC
	B) Trigger Pull	2.47	2.57	2.56	2.63	2.64	10-30-91	D/H
	C) Function						10-30-91	K
660	Pack						12-18-91	N

SWS TRIGGER PULL TESTAVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#SERIAL NO. C-6665964DATE 10/29/91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.26	2.35	2.52	2.47	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.21	2.33	2.53	2.57	
PULL #3	2.25	2.33	2.44	2.56	
PULL #4	2.30	2.41	2.54	2.63	
PULL #5	2.37	2.46	2.64	2.64	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.59	3.64		
PULL #2	3.47	3.68		
PULL #3	3.60	3.64		
PULL #4	3.62	3.61		
PULL #5	3.40	3.52		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.41		4.56
PULL #2	4.19	4.38		4.46
PULL #3	4.52	4.49		4.47
PULL #4	4.49	4.56		4.55
PULL #5	4.40	4.46		4.46
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665964
29 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.268939
1 TO	2	.433896
1 TO	3	.229166
1 TO	4	.211265
1 TO	5	.231976

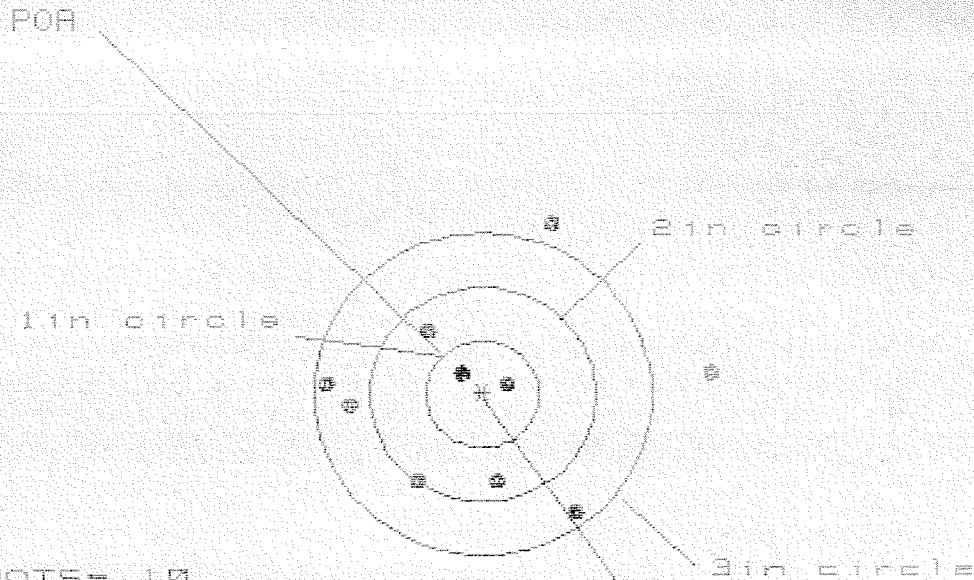
$\frac{2}{3}H$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1162
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1292
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .175111
THE AMP FOR THIS RIFLE IS: 1.07

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8565364

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 3.380

VS= 2.717

GS= 3.382

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.981	1.066	1.175
MINIMUM X	-1.399	-1.179	-1.070
MAXIMUM Y	1.579	1.605	.834
MINIMUM Y	-1.139	-1.112	-.912
CENTROID X	.182	-.038	-.147
CENTROID Y	-.198	-.224	-.424
POA TO CENTROID in.	.269	.227	.449
MIN RADIUS	.221	.205	.438
MEAN RADIUS	1.074	.949	.842
MAX RADIUS	1.995	1.826	1.487
HORIZONTAL SPREAD	3.380	2.245	2.245
VERTICAL SPREAD	2.717	2.717	1.746
EXTREME SPREAD	3.382	2.724	2.571
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 4		
NUMBER IN THREE INCH CIRCLE	= 8		

29 Oct 1991

FILE: /PATTERNING/CENTERFIRE_PATT/C8565364

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 5

HS= 3.997

VS= 3.375

GS= 4.002

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.095	1.398	1.189
MINIMUM X	-1.902	-1.669	-1.739
MAXIMUM Y	1.704	1.709	1.690
MINIMUM Y	-1.671	-1.666	-1.685
CENTROID X	.117	-.116	.093
CENTROID Y	.231	.226	.245
POA TO CENTROID in.	.259	.254	.262
MIN RADIUS	.305	.295	.309
MEAN RADIUS	1.239	1.134	1.048
MAX RADIUS	2.095	1.789	1.845
HORIZONTAL SPREAD	3.997	3.067	1.928
VERTICAL SPREAD	3.375	3.375	3.375
EXTREME SPREAD	4.002	3.380	3.380
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	5	

28 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665364

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 10

HS= 1.594

VS= 2.464

GS= 2.497

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.718

.633

.542

MINIMUM X

-.876

-.796

-.717

MAXIMUM Y

1.192

1.325

1.183

MINIMUM Y

-1.272

-1.139

-.844

CENTROID X

-.027

-.107

-.186

CENTROID Y

-.292

-.425

-.283

POA TO CENTROID in.

.294

.438

.338

MIN RADIUS

.355

.426

.269

MEAN RADIUS

.872

.808

.735

MAX RADIUS

1.392

1.344

1.221

HORIZONTAL SPREAD

1.594

1.429

1.259

VERTICAL SPREAD

2.464

2.464

2.027

EXTREME SPREAD

2.497

2.497

2.038

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

5

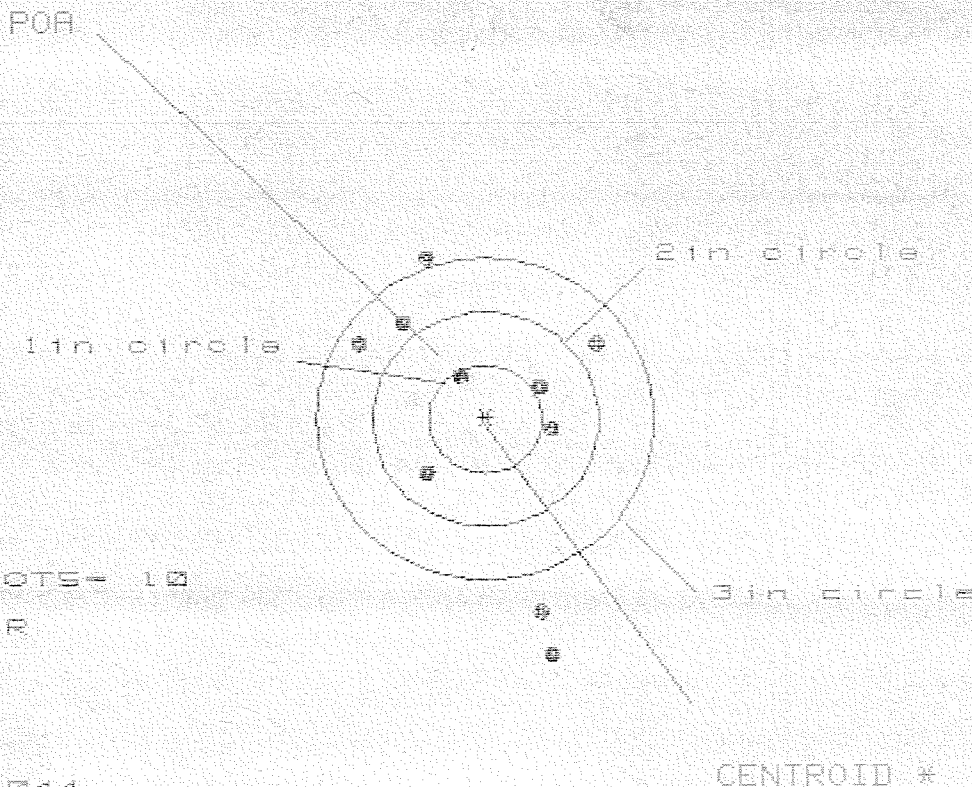
NUMBER IN THREE INCH CIRCLE =

10

29 Oct 1991

FILE: /PATTERNING/CENTERFIRE_PATT/C6665964

CENTERFIRE PATTERNS # 4



* OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 7

HS= 2.044

VS= 3.670

GS= 3.813

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.944

1.085

1.074

MINIMUM X

-1.101

-1.039

-.970

MAXIMUM Y

1.480

1.237

.988

MINIMUM Y

-2.190

-1.988

-.980

CENTROID X

.219

.158

.089

CENTROID Y

-.406

-.163

.086

POA TO CENTROID in.

.461

.227

.124

MIN RADIUS

.492

.249

.084

MEAN RADIUS

1.166

.997

.824

MAX RADIUS

2.259

2.064

1.106

HORIZONTAL SPREAD

2.044

2.044

2.044

VERTICAL SPREAD

3.670

3.225

1.968

EXTREME SPREAD

3.813

3.368

2.044

NUMBER IN ONE INCH CIRCLE

1

NUMBER IN TWO INCH CIRCLE

4

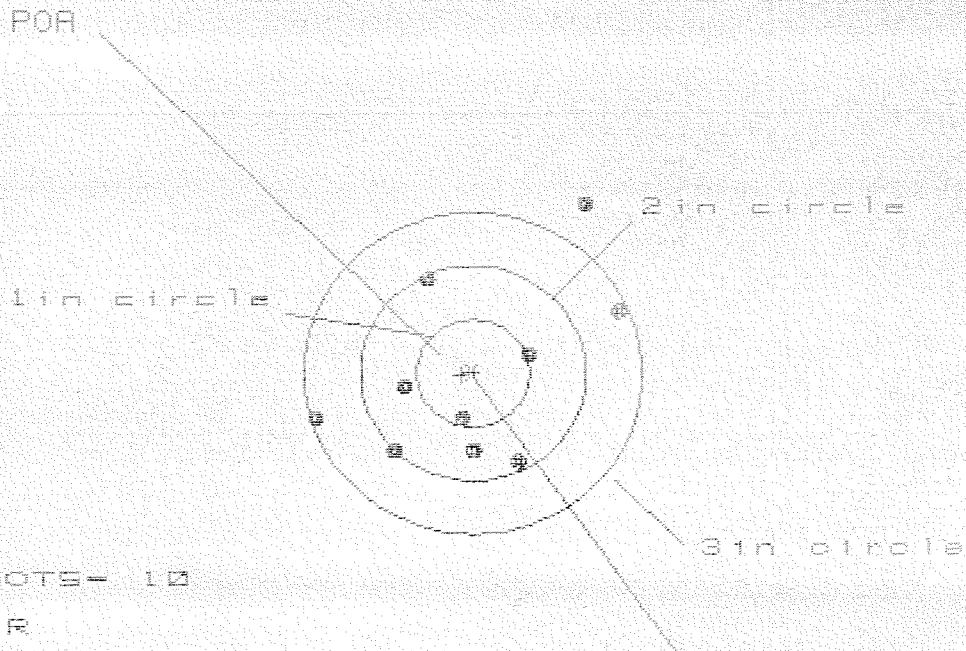
NUMBER IN THREE INCH CIRCLE

7

27 DEC 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C6665354

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 2.660

VS= 2.396

GS= 3.071

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.306	1.420	.827
MINIMUM X	-1.353	-1.240	-1.062
MAXIMUM Y	1.573	1.049	1.142
MINIMUM Y	-.823	-.648	-.555
CENTROID X	.100	-.013	-.191
CENTROID Y	.019	-.156	-.249
POA TO CENTROID in.	.102	.156	.314
MIN RADIUS	.481	.286	.244
MEAN RADIUS	.999	.852	.722
MAX RADIUS	1.878	1.605	1.152
HORIZONTAL SPREAD	2.660	2.660	1.889
VERTICAL SPREAD	2.396	1.697	1.697
EXTREME SPREAD	3.071	2.822	1.969
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	9	