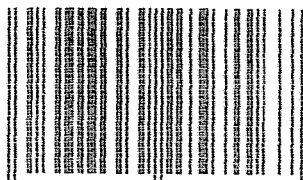


BARBER - M24 0104444

FORM

UPC



0 47700 25716 7

06665955

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0104444 0104483

BARBER - M24 0104445

5216

ORDER NO.

MODEL 700 TM M24

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

BARBER - M24 0104445 **M2400104484**

BARBER - M24 0104446

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665955

ORDER NO.

5716

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

20



5716 C6665955

ORDER 5716

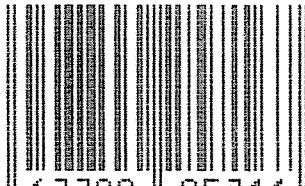
MODEL 700 TM M24

UPC

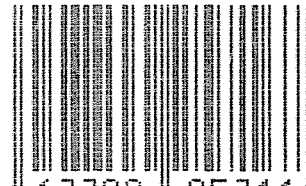
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665955

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1	9 1	RW
600	Proof	10 1	9 1	RW
607	Check Headspace	10 1	9 1	RW
610	Dis-assemble Gun	10 1	9 1	RW
612	Magnaflux Barrel Action		OCT 9 n 1991	KR
	Magnaflux Bolt		OCT 10 1991	KR
615	Rollmark Caliber		OCT 10 1991	LS
617	Drill and Tap Sight Holes		OCT 10 1991	LB
618	Polish Barrel		10/14/91	WOB
620	Apply Coatings (Barrel Action)		11/2/91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/12/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/12/91	KL
	C) Inspect Ejector Hole for Chamfer		12/12/91	KL
	D) Oil Firing Pin Ass'y		12/12/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		12/12/91	KL

op. #	OP NAME BARBER - M24 0104448	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			12/12/91	KK
	G) Safety Off Force	3	3	3			12/12/91	KK
	H) Trigger Pull Test & Retainability						12/12/91	KK
	I) Firing Pin Indent	.021	.021	.021			12/12/91	KK
	J) Assemble Stock						12/12/91	KK
	K) Assemble Swivel Studs						12/12/91	KK
	L) Attach Front and Rear Sight Assemblies						12/12/91	KK
	M) Iron Sight Alignment						12/12/91	KK
	N) Detach Front & Rear Sights & place in numbered container						12/12/91	KK
	O) Attach Scope to Rifle						12/12/91	KK
	P) Detach & Attach Scope 20 Times						12/12/91	KK
640	Gallery Target & Test						12-13-91	KK
	A) Time						12-13-91	KK
	B) Malfunctions						12-13-91	KK
	C) Pierced Primers						12-13-91	KK
	D) Optical Clarity of Scope						12-13-91	KK
645	Inspect for Live Ammo						12-13-91	KK
655	Final Inspection						12-13-91	KK
	A) Headspace						12-13-91	INS
	B) Trigger Pull	2.05	2.21	2.20	2.22	2.20	12-13-91	INS
	C) Function						12-13-91	INS
660	Pack						12-17-91	NS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-66659⁵⁵DATE 12-4-91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.62	2.60	2.49	2.48	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.56	2.51	2.58	2.39	
PULL #3	2.60	2.58	2.61	2.47	
PULL #4	2.47	2.59	2.52	2.45	
PULL #5	2.58	2.59	2.50	2.50	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.43	3.25		
PULL #2	3.32	3.38		
PULL #3	3.37	3.41		
PULL #4	3.36	3.33		
PULL #5	3.33	3.32		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.19		4.46
PULL #2	4.38	4.35		4.51
PULL #3	4.24	4.25		4.20
PULL #4	4.23	4.32		4.44
PULL #5	4.25	4.45		4.42
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665955
13 Dec 1991

CENTROIDAL DISTANCES

0 TO 1	.372779
1 TO 2	.871737
1 TO 3	.787709
1 TO 4	.276067
1 TO 5	.574771

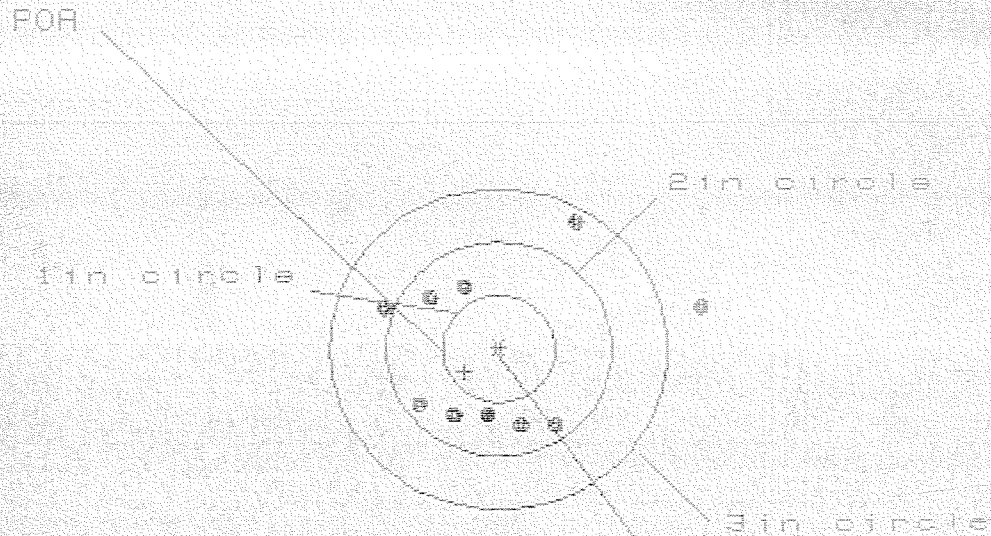
3 4 1
2 5 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0674
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.108
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .127306
THE AMR FOR THIS RIFLE IS: .9686

13 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665355

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 0

2in = 7

3in = 9

HS= 2.888

VS= 1.887

GS= 2.888

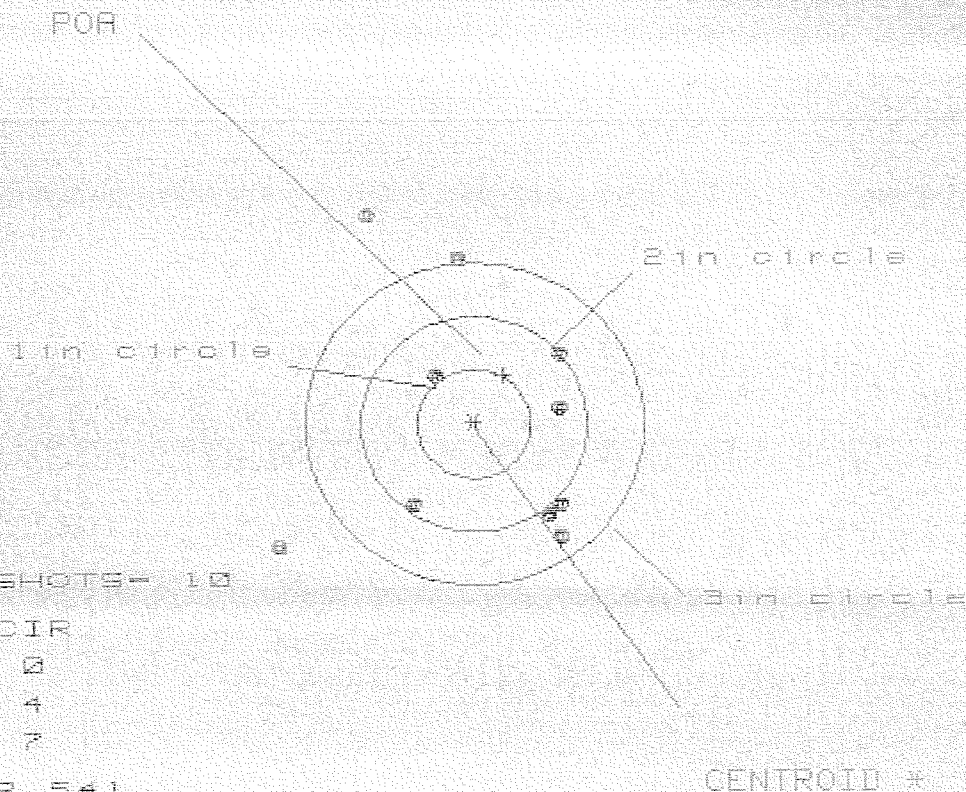
CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.832	.902	.772
MINIMUM X	:	-1.056	-.852	-.739
MAXIMUM Y	:	1.203	1.248	.771
MINIMUM Y	:	-.684	-.639	-.483
CENTROID X	:	.308	.104	-.009
CENTROID Y	:	.210	.165	.009
POA TO CENTROID in.	:	.373	.195	.012
MIN RADIUS	:	.584	.527	.403
MEAN RADIUS	:	.952	.807	.676
MAX RADIUS	:	1.877	1.540	.975
HORIZONTAL SPREAD	:	2.888	1.754	1.511
VERTICAL SPREAD	:	1.887	1.897	1.254
EXTREME SPREAD	:	2.888	2.262	1.865
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	9		

13 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6685955

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 7

HS= 2.541

VS= 3.072

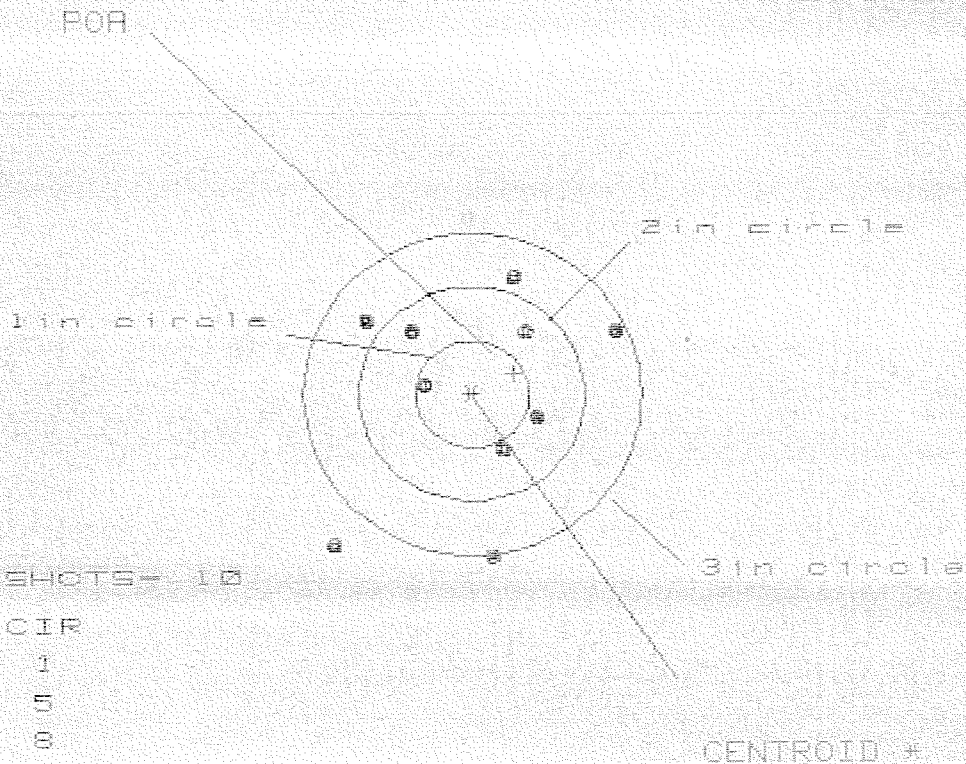
GS= 3.435

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.787	.682	.450
MINIMUM X	:	-1.754	-1.859	-1.829
MAXIMUM Y	:	1.917	1.756	1.638
MINIMUM Y	:	-1.155	-.942	-.982
CENTROID X	:	-.258	-.153	.079
CENTROID Y	:	-.453	-.666	-.548
POA TO CENTROID in.	:	.521	.683	.553
MIN RADIUS	:	.577	.766	.506
MEAN RADIUS	:	1.255	1.124	.965
MAX RADIUS	:	2.136	2.084	1.706
HORIZONTAL SPREAD	:	2.541	2.541	1.279
VERTICAL SPREAD	:	3.072	2.698	2.620
EXTREME SPREAD	:	3.435	3.144	2.764
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	7		

13 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665955

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.413

VS= 2.595

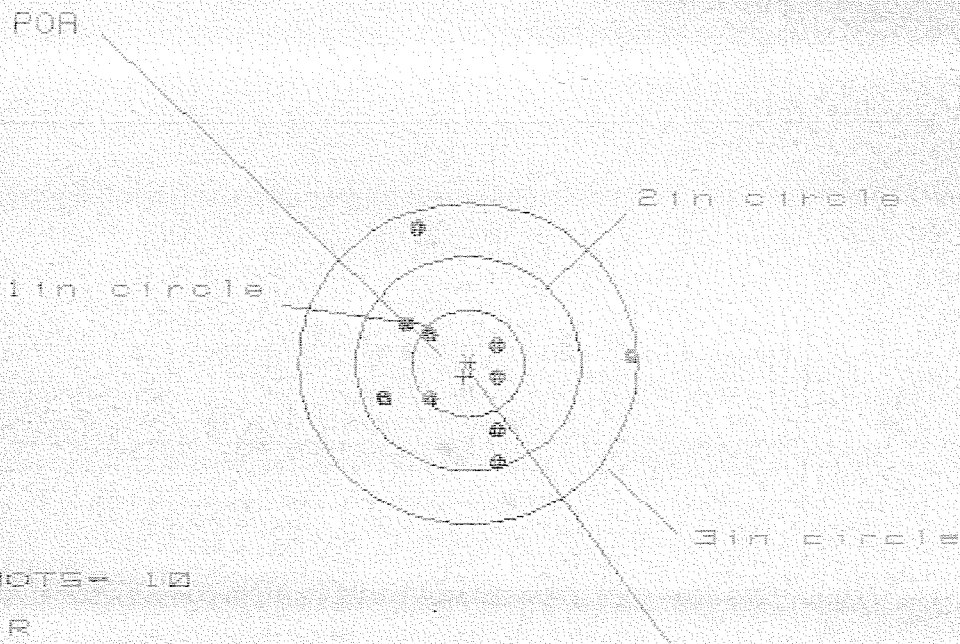
GS= 3.138

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.234
MINIMUM X	-1.179
MAXIMUM Y	1.051
MINIMUM Y	-1.544
CENTROID X	-.370
CENTROID Y	-.191
POA TO CENTROID in.	.417
MIN RADIUS	.410
MEAN RADIUS	1.013
MAX RADIUS	1.813
HORIZONTAL SPREAD	2.413
VERTICAL SPREAD	2.595
EXTREME SPREAD	3.138
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8

Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665955

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 2.229

VS= 2.167

GS= 2.277

CENTROID *

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.434	.452	.421
MINIMUM X	-.795	-.635	-.666
MAXIMUM Y	1.292	1.304	.539
MINIMUM Y	-.875	-.863	-.700
CENTROID X	.046	-.114	-.083
CENTROID Y	.123	.111	-.052
POA TO CENTROID in.	.131	.159	.098
MIN RADIUS	.249	.352	.297
MEAN RADIUS	.745	.658	.564
MAX RADIUS	1.438	1.327	.817
HORIZONTAL SPREAD	2.229	1.087	1.087
VERTICAL SPREAD	2.167	2.167	1.239
EXTREME SPREAD	2.277	2.277	1.519
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

001

FILE:/PATTERNING/CENTERFIRE_PATT/06065555

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 1.246

VS= 3.505

GS= 3.591

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.564	.518	.498
MINIMUM X	-.682	-.619	-.639
MAXIMUM Y	1.392	1.157	.730
MINIMUM Y	-2.113	-1.253	-1.109
CENTROID X	-.063	-.126	-.106
CENTROID Y	-.229	.006	-.139
POA TO CENTROID in.	.237	.126	.175
MIN RADIUS	.078	.193	.082
MEAN RADIUS	.878	.702	.638
MAX RADIUS	2.187	1.356	1.215
HORIZONTAL SPREAD	1.246	1.137	1.137
VERTICAL SPREAD	3.505	2.410	1.839
EXTREME SPREAD	3.591	2.502	1.947
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 7		
NUMBER IN THREE INCH CIRCLE	= 9		