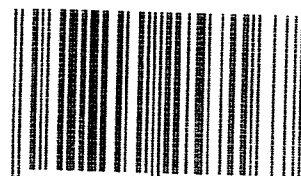


BARBER - M24 0101411

III
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FORM

UPC



0 47700 25716 7

06665694

CAPACITY
INCLUDES 1 INCHAMBER

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0101411 M2400101450

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665694

ORDER NO.

5716

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

20



5716 C6665694

ORDER 5716

MODEL 700 TM M24

UPC

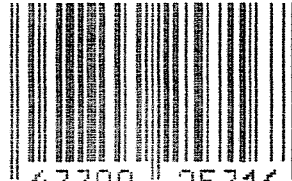
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665694

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	9 1	RW
600	Proof	9 26	9 1	RW
607	Check Headspace	9 26	9 1	RW
610	Dis-assemble Gun	9 26	9 1	RW
612	Magnaflux Barrel Action		SEP 30 1991	KR
	Magnaflux Bolt		SEP 30 1991	KR
615	Rollmark Caliber		SEP 30 1991	GL
617	Drill and Tap Sight Holes		SEP 30 1991	FB
618	Polish Barrel		OCT 2 1991	WT
620	Apply Coatings (Barrel Action)		10-13-91	JA
	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		10/21/91	JA

op. #	BARBER M24 0101415	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10/21/91	SH
	G) Safety Off Force	3	3	3			10/21/91	SH
	H) Trigger Pull Test & Retainability						10/21/91	SH
	I) Firing Pin Indent	.0215	.0205	.020			10/21/91	SH
	J) Assemble Stock						10/24/91	RW
	K) Assemble Swivel Studs						10-30-91	AC
	L) Attach Front and Rear Sight Assemblies						10/24/91	RW
	M) Iron Sight Alignment						10/24/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/24/91	RW
	O) Attach Scope to Rifle						10/24/91	RW
	P) Detach & Attach Scope 20 Times						10/24/91	RW
640	Gallery Target & Test						10-25-91	DH
	A) Time						10-25-91	DH
	B) Malfunctions						10-25-91	DH
	C) Pierced Primers						10-25-91	DH
	D) Optical Clarity of Scope						10-25-91	DH
645	Inspect for Live Ammo						10-25-91	DH
655	Final Inspection							
	A) Headspace						10-30-91	AC
	B) Trigger Pull	266	264	269	271	258	10-30-91	DH
	C) Function						10-30-91	AC
660	Pack						12-11-91	N

SWS TRIGGER PULL TESTAVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6665694DATE 10/18/91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.31	2.44	2.66	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.15	2.37	2.40	2.64	
PULL #3	2.53	2.40	2.38	2.69	
PULL #4	2.22	2.36	2.43	2.71	
PULL #5	2.42	2.41	2.41	2.58	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.60	3.32		
PULL #2	3.28	3.39		
PULL #3	3.27	3.32		
PULL #4	3.34	3.51		
PULL #5	3.32	3.39		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.53	4.43		4.25
PULL #2	4.22	4.30		4.15
PULL #3	4.20	4.22		4.48
PULL #4	4.19	4.17		4.46
PULL #5	4.55	4.23		4.47
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665694
25 Oct 1991

CENTROIDAL DISTANCES

Ø TO	1	.111485
1 TO	2	.372156
1 TO	3	.236078
1 TO	4	.27889
1 TO	5	.283551

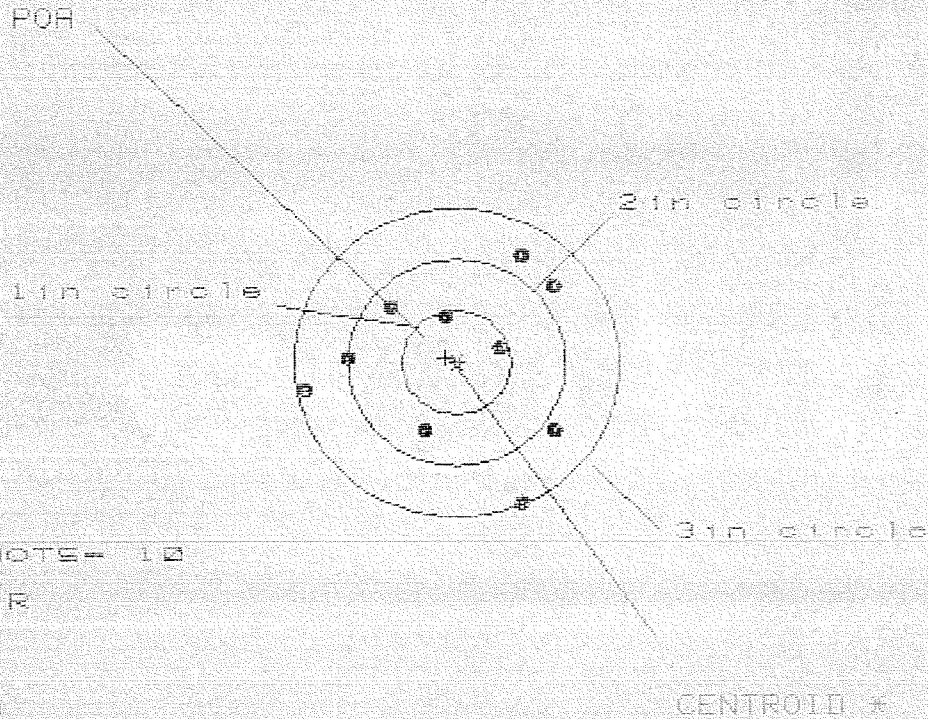
43 (---) POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0078
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1128
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .113069
THE AMR FOR THIS RIFLE IS: 1.024

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06065694

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 2.376

VS= 2.415

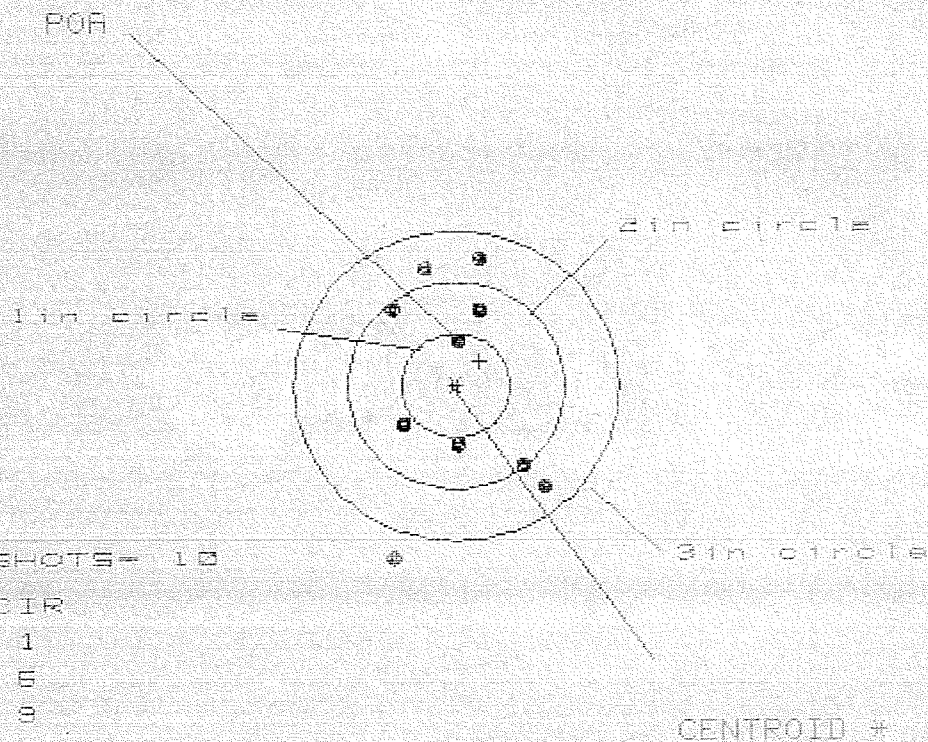
GS= 2.544

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	3
MAXIMUM X	.947	1.017	.847
MINIMUM X	-1.429	-1.359	-1.107
MAXIMUM Y	1.029	.875	.829
MINIMUM Y	-1.386	-.845	-.891
CENTROID X	-.102	.032	.202
CENTROID Y	-.045	.109	.155
POA TO CENTROID in.	.111	.114	.254
MIN RADIUS	.419	.289	.294
MEAN RADIUS	.993	.908	.829
MAX RADIUS	1.521	1.407	1.216
HORIZONTAL SPREAD	2.376	2.376	1.954
VERTICAL SPREAD	2.415	1.720	1.720
EXTREME SPREAD	2.544	2.544	2.084
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665694

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 1.388

VS= 2.832

ES= 2.928

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.813	.751	.626
MINIMUM X	-.575	-.637	-.543
MAXIMUM Y	1.205	1.024	.881
MINIMUM Y	-1.627	-1.147	-1.180
CENTROID X	-.218	-.156	-.250
CENTROID Y	-.235	-.054	.089
POA TO CENTROID in.	.321	.165	.265
MIN RADIUS	.473	.293	.159
MEAN RADIUS	.959	.849	.745
MAX RADIUS	1.721	1.371	1.265
HORIZONTAL SPREAD	1.388	1.388	1.169
VERTICAL SPREAD	2.832	2.171	1.981
EXTREME SPREAD	2.928	2.339	2.071
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665694

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 0

2in = 3

3in = 8

HS= 2.755

VS= 3.263

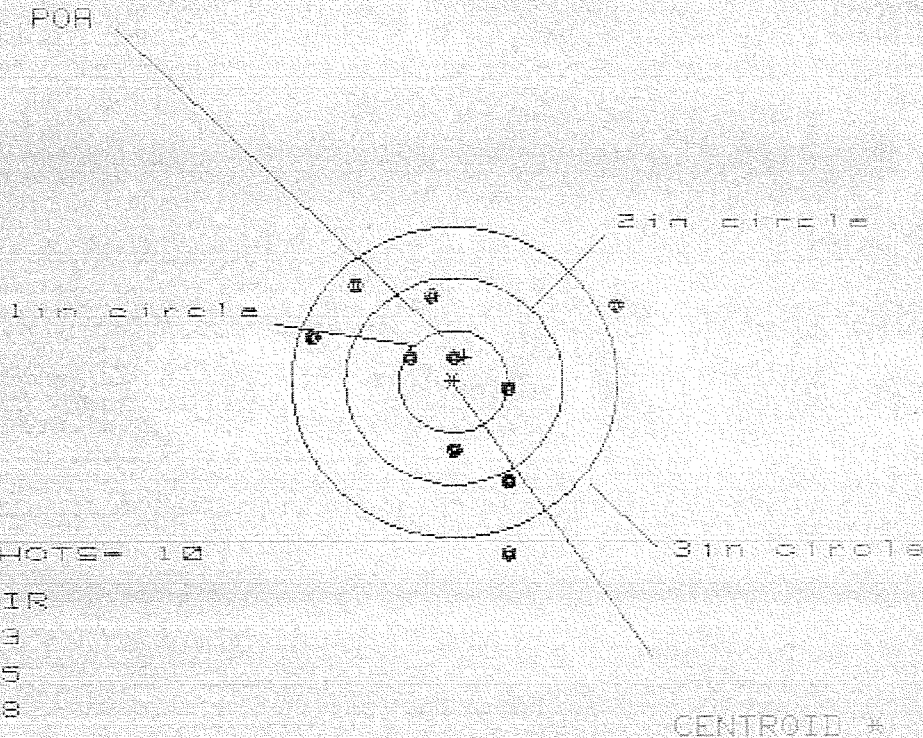
GS= 3.518

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.429
MINIMUM X	-1.326
MAXIMUM Y	1.072
MINIMUM Y	-2.191
CENTROID X	.140
CENTROID Y	-.278
POA TO CENTROID in.	.312
MIN RADIUS	.520
MEAN RADIUS	1.164
MAX RADIUS	2.354
HORIZONTAL SPREAD	2.755
VERTICAL SPREAD	3.263
EXTREME SPREAD	3.518
NUMBER IN ONE INCH CIRCLE	0
NUMBER IN TWO INCH CIRCLE	3
NUMBER IN THREE INCH CIRCLE	8

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08665694

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS= 2.794

VS= 2.596

GS= 2.908

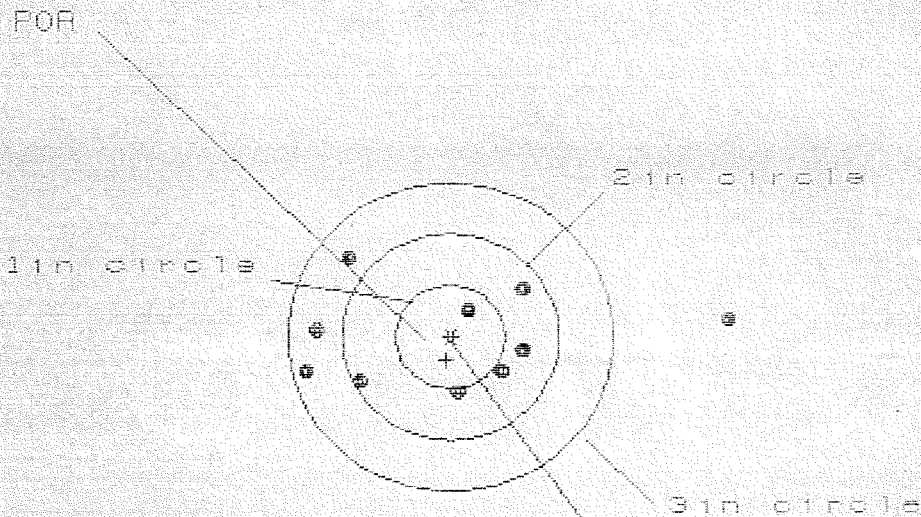
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.455	1.506	.707
MINIMUM X	-1.339	-1.288	-1.100
MAXIMUM Y	.910	.722	.788
MINIMUM Y	-1.686	-1.109	-1.043
CENTROID X	-.100	-.151	-.339
CENTROID Y	-.237	-.049	-.115
POA TO CENTROID in.	.257	.159	.358
MIN RADIUS	.262	.081	.222
MEAN RADIUS	.978	.862	.767
MAX RADIUS	1.749	1.595	1.258
HORIZONTAL SPREAD	2.794	2.794	1.907
VERTICAL SPREAD	2.596	1.831	1.831
EXTREME SPREAD	2.908	2.808	2.256
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08865684

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 3.897

VS= 1.339

GS= 3.928

CENTROID *

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.534	.931	.796
MINIMUM X	-1.363	-1.081	-1.070
MAXIMUM Y	.798	.816	.777
MINIMUM Y	-.541	-.523	-.562
CENTROID X	.037	-.245	-.110
CENTROID Y	.231	.213	.252
POA TO CENTROID in.	.234	.325	.275
MIN RADIUS	.296	.501	.370
MEAN RADIUS	1.026	.861	.885
MAX RADIUS	2.539	1.126	1.120
HORIZONTAL SPREAD	3.897	2.012	1.866
VERTICAL SPREAD	1.339	1.339	1.339
EXTREME SPREAD	3.928	2.179	1.916
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	