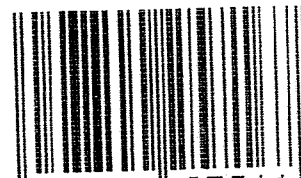


BARBER - M24 0102881

FORM

UPC



0 47700 25716 7

6665812

INCLUDES 1 IN CHAMBER

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0102881 02920

MODEL 700 TM M24

ORDER NO.	5716
BARREL LENGTH	
CAPACITY*	

Remington

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

MODEL 700TM M24**SERIAL NO.**

C6665812

ORDER NO.**5716**

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

20



5716 C6665812

ORDER 5716MODEL 700TM M24**UPC**

0 47700 25716 7

ORDER 5716MODEL 700TM M24**UPC**

0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665812

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

op. #	BARBER - M24 0102885	READINGS					DATE	INIT
	OP. NAME							
625 cont.	F) Safety On Force	6	6	7			10-10-91	AC
	G) Safety Off Force	3	3	3			10-10-91	AC
	H) Trigger Pull Test & Retainability						10-10-91	D/H
	I) Firing Pin Indent	.020	.020	.020			10-10-91	AC
	J) Assemble Stock						10/11/91	YH
	K) Assemble Swivel Studs						10-17-91	AC
	L) Attach Front and Rear Sight Assemblies						10/11/91	YH
	M) Iron Sight Alignment						10/11/91	YH
	N) Detach Front & Rear Sights & place in numbered container						10/11/91	YH
	O) Attach Scope to Rifle						10/11/91	YH
	P) Detach & Attach Scope 20 Times						10/11/91	YH
640	Gallery Target & Test						10-14-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						10-14-91	AF
655	Final Inspection							
	A) Headspace						10-17-91	AC
	B) Trigger Pull	225	223	221	223	216	10-16-91	D/H
	C) Function						10-17-91	AC
660	Pack						12-17-91	AF

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

SERIAL NO. C66658¹²DATE 10-9-91TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.59	2.41	2.57	2.25	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.69	2.61	2.51	2.23	
PULL #3	2.71	2.62	2.60	2.21	
PULL #4	2.68	2.58	2.58	2.23	
PULL #5	2.70	2.49	2.59	2.16	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.52		
PULL #2	3.54	3.51		
PULL #3	3.41	3.47		
PULL #4	3.30	3.44		
PULL #5	3.33	3.31		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.05	4.46		4.39
PULL #2	4.48	4.34		4.47
PULL #3	4.59	4.44		4.43
PULL #4	4.38	4.44		4.45
PULL #5	4.53	4.43		4.26
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665812
14 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.334001
1 TO	2	.366175
1 TO	3	.424078
1 TO	4	.138196
1 TO	5	.336752

<----POA

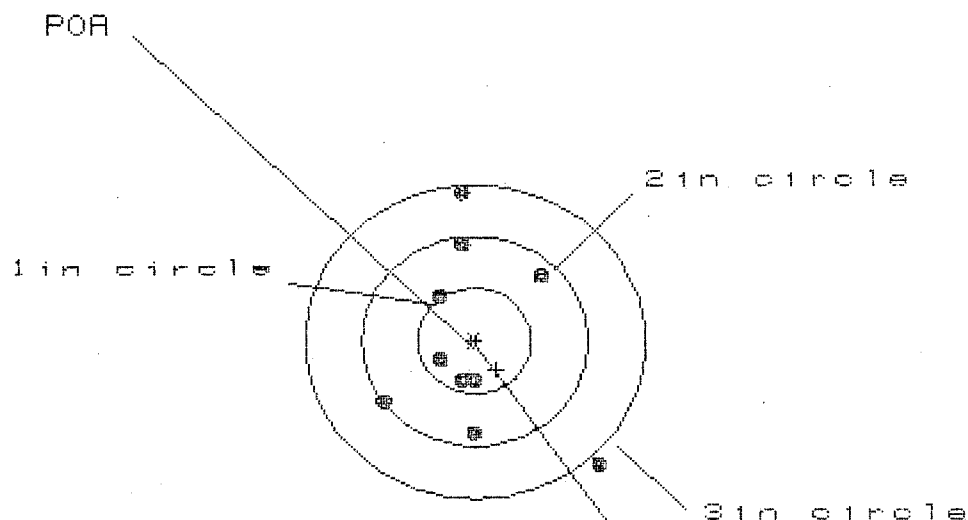
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0104
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1118
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .112283

THE AMR FOR THIS RIFLE IS: .8684

14 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665812

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS= 1.864

VS= 2.570

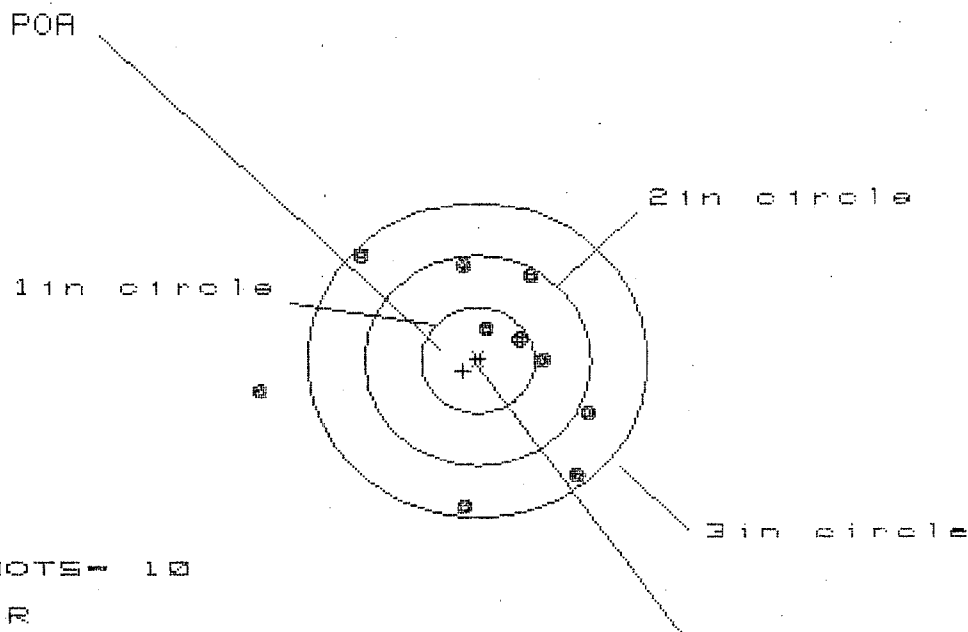
GS= 2.818

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.060	.751	.754
MINIMUM X	-.804	-.687	-.684
MAXIMUM Y	1.430	1.303	.991
MINIMUM Y	-1.140	-1.005	-.842
CENTROID X	-.191	-.308	-.311
CENTROID Y	.274	.401	.238
POA TO CENTROID in.	.334	.505	.391
MIN RADIUS	.333	.344	.214
MEAN RADIUS	.834	.750	.643
MAX RADIUS	1.556	1.304	1.007
HORIZONTAL SPREAD	1.864	1.438	1.438
VERTICAL SPREAD	2.570	2.308	1.833
EXTREME SPREAD	2.818	2.309	1.860
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

14 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665812

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 9

HS = 2.825

VS = 2.438

GS = 2.845

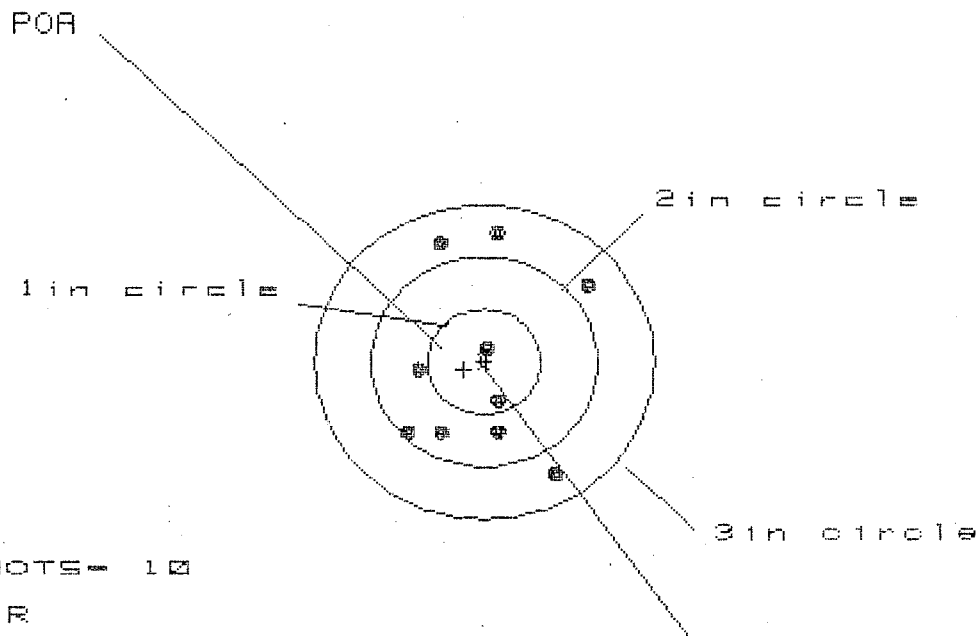
CENTROID *

PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	.928
MINIMUM X	-1.897
MAXIMUM Y	1.019
MINIMUM Y	-1.419
CENTROID X	.129
CENTROID Y	.096
POA TO CENTROID in.	.161
MIN RADIUS	.299
MEAN RADIUS	1.027
MAX RADIUS	1.920
HORIZONTAL SPREAD	2.825
VERTICAL SPREAD	2.438
EXTREME SPREAD	2.845
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	9

14 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665812

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS = 1.688

VS = 2.327

GS = 2.466

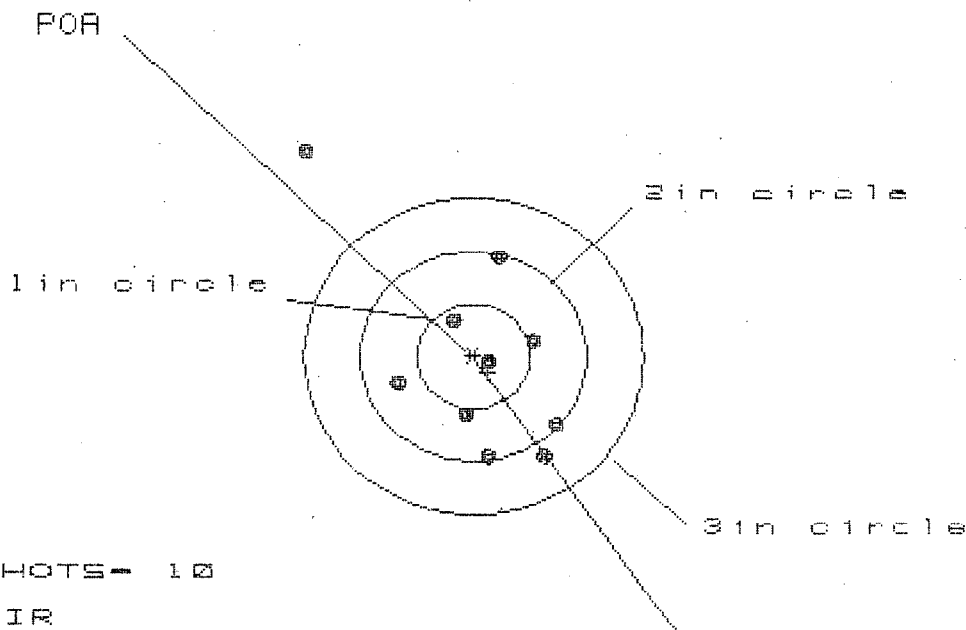
CENTROID #

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.968	1.040	1.059
MINIMUM X	-.720	-.648	-.629
MAXIMUM Y	1.240	1.119	1.170
MINIMUM Y	-1.087	-.747	-.607
CENTROID X	.178	.106	.087
CENTROID Y	.065	.186	.046
POA TO CENTROID in.	.190	.214	.099
MIN RADIUS	.173	.075	.205
MEAN RADIUS	.837	.786	.722
MAX RADIUS	1.268	1.223	1.317
HORIZONTAL SPREAD	1.688	1.688	1.688
VERTICAL SPREAD	2.327	1.866	1.777
EXTREME SPREAD	2.466	2.187	2.187
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

14 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665812

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS = 2.280

VS = 2.937

GS = 3.613

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.759	.590	.643
MINIMUM X	-1.521	-.857	-.804
MAXIMUM Y	1.949	1.180	1.084
MINIMUM Y	-.988	-.771	-.867
CENTROID X	-.128	.041	-.012
CENTROID Y	.151	-.066	.030
POA TO CENTROID in.	.198	.077	.032
MIN RADIUS	.173	.150	.069
MEAN RADIUS	.898	.680	.644
MAX RADIUS	2.472	1.184	1.095
HORIZONTAL SPREAD	2.280	1.447	1.447
VERTICAL SPREAD	2.937	1.951	1.951
EXTREME SPREAD	3.613	1.971	1.958
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

14 Oct 1991

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CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 3

2in = 8

3in = 10

HS = 2.215

VS = 1.710

GS = 2.222

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.952
MINIMUM X	-1.263
MAXIMUM Y	.798
MINIMUM Y	-.912
CENTROID X	-.040
CENTROID Y	-.027
POA TO CENTROID in.	.048
MIN RADIUS	.113
MEAN RADIUS	.701
MAX RADIUS	1.263
HORIZONTAL SPREAD	2.215
VERTICAL SPREAD	1.710
EXTREME SPREAD	2.222
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	8
NUMBER IN THREE INCH CIRCLE =	10