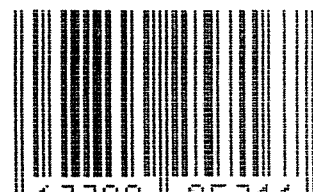


BARBER - M24 0101447

FORM

UPC



0 47700 25716 7

66665697

INCLUDES 1 IN CHAMBER

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0101447 M2400101486

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

CAPACITY*

BARBER - M24 0101449

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665697

ORDER NO.

5716

20

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



5716 C6665697

ORDER 5716

MODEL 700 TM M24

UPC

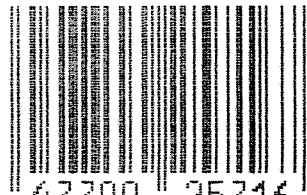
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

(2)

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665697

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/23/91	KJ
600	Proof		9/23/91	KJ
607	Check Headspace		9/23/91	KJ
610	Dis-assemble Gun		9/23/91	KJ
612	Magnaflux Barrel Action		SEP 30 1991	KR
	Magnaflux Bolt		SEP 30 1991	KR
615	Rollmark Caliber		SEP 30 1991	JS
617	Drill and Tap Sight Holes		SEP 30 1991	KB
618	Polish Barrel		OCT 2 1991	WB
620	Apply Coatings (Barrel Action)		11-2-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/9/91	KJ
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/9/91	KJ
	C) Inspect Ejector Hole for Chamfer		10/9/91	KJ
	D) Oil Firing Pin Ass'y		10/9/91	KJ
	E) Adjust Trigger Pull to Min Setting and Stake		10/11/91	JA

op. #	BARBER - M24 0101451 OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5	5	5	10/11/91	JK		
	G) Safety Off Force	3	3	3	10/11/91	JK		
	H) Trigger Pull Test & Retainability				10/11/91	JK		
	I) Firing Pin Indent	.021	.0225	.0225	10/11/91	JK		
	J) Assemble Stock				10/15/91	JK		
	K) Assemble Swivel Studs				10-18-91	AC		
	L) Attach Front and Rear Sight Assemblies				10/15/91	JK		
	M) Iron Sight Alignment				10/15/91	JK		
	N) Detach Front & Rear Sights & place in numbered container				10/15/91	JK		
	O) Attach Scope to Rifle				10/15/91	JK		
	P) Detach & Attach Scope 20 Times				10/15/91	JK		
640	Gallery Target & Test				10-16-91	AC		
	A) Time				10-16-91	AC		
	B) Malfunctions				10-16-91	AC		
	C) Pierced Primers				10-16-91	AC		
	D) Optical Clarity of Scope				10-16-91	AC		
645	Inspect for Live Ammo				10-16-91	AC		
655	Final Inspection							
	A) Headspace				10-18-91	AC		
	B) Trigger Pull	266	271	277	268	277	10-17-91	JK
	C) Function						10-18-91	AC
660	Pack						12-20-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665697

DATE 10/11/91

TESTER JK

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.67	2.61	2.63	2.66	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.55	2.44	2.66	2.71	
PULL #3	2.58	2.50	2.69	2.77	
PULL #4	2.57	2.67	2.68	2.68	
PULL #5	2.67	2.64	2.60	2.77	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.55		
PULL #2	3.39	3.42		
PULL #3	3.29	3.45		
PULL #4	3.58	3.60		
PULL #5	3.31	3.61		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.25		4.54
PULL #2	4.26	4.29		4.25
PULL #3	4.50	4.18		4.50
PULL #4	4.26	4.37		4.37
PULL #5	4.27	4.22		4.41
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665697
16 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.220227
1 TO	2	.0704911
1 TO	3	.229172
1 TO	4	.201229
1 TO	5	.30477

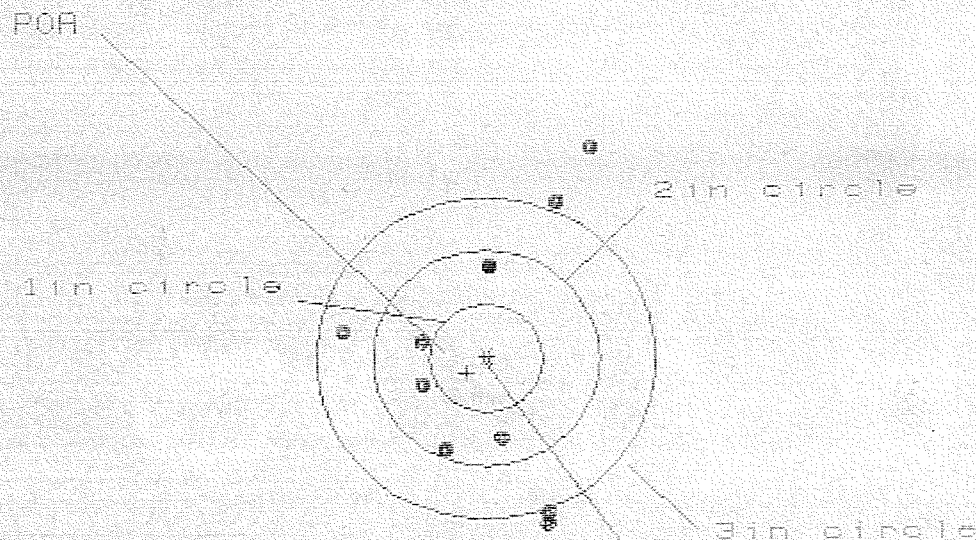
4 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .21
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .089
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .228081
THE AMR FOR THIS RIFLE IS: .8848

16 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665697

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 0

2in = 5

3in = 7

HS = 2.159

VS = 3.437

GS = 3.457

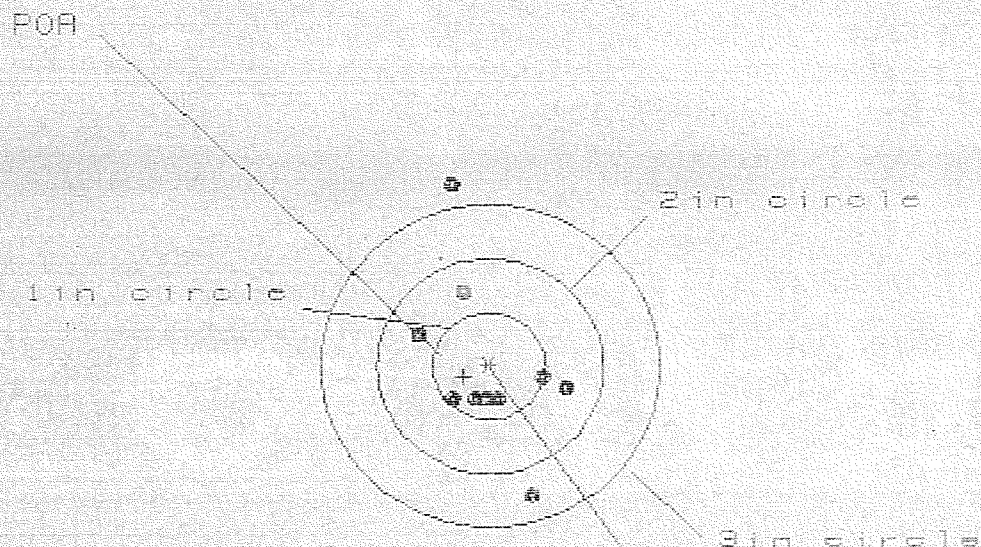
CENTROID #

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.887	.725	.802
MINIMUM X	-1.272	-1.174	-1.097
MAXIMUM Y	1.925	1.656	1.494
MINIMUM Y	-1.512	-1.298	-1.346
CENTROID X	.170	.072	-.005
CENTROID Y	.140	-.074	.038
POA TO CENTROID in.	.220	.103	.088
MIN RADIUS	.578	.425	.398
MEAN RADIUS	1.179	1.026	.965
MAX RADIUS	2.120	1.808	1.696
HORIZONTAL SPREAD	2.159	1.899	1.899
VERTICAL SPREAD	3.437	2.954	2.840
EXTREME SPREAD	3.457	2.956	2.842
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	

16 Oct 1991

FILE://PATTERNING/CENTERFIRE_PATT/C8885697

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 4

2in = 8

3in = 9

HS = 1.307

VS = 2.886

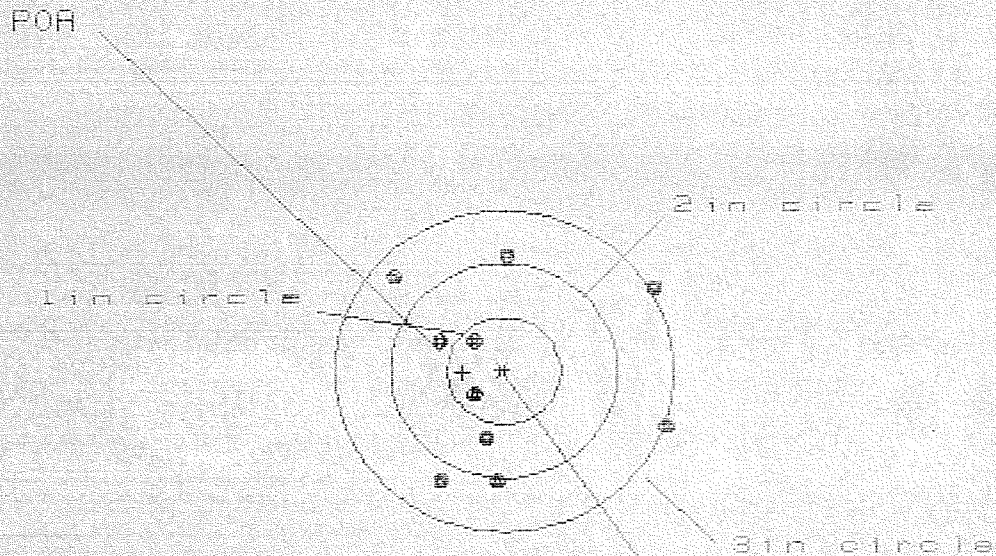
GS = 2.972

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.694	.654	.692
MINIMUM X	:	-.613	-.653	-.615
MAXIMUM Y	:	1.685	.846	.719
MINIMUM Y	:	-1.201	-1.014	-.234
CENTROID X	:	.230	.270	.232
CENTROID Y	:	.103	-.084	.043
POA TO CENTROID in.	:	.252	.283	.236
MIN RADIUS	:	.274	.102	.215
MEAN RADIUS	:	.687	.516	.468
MAX RADIUS	:	1.723	1.059	.744
HORIZONTAL SPREAD	:	1.307	1.307	1.307
VERTICAL SPREAD	:	2.886	1.860	.953
EXTREME SPREAD	:	2.972	1.936	1.382
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

16 Oct 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 2

2in = 4

3in = 8

HS = 2.420

VS = 2.059

GS = 2.816

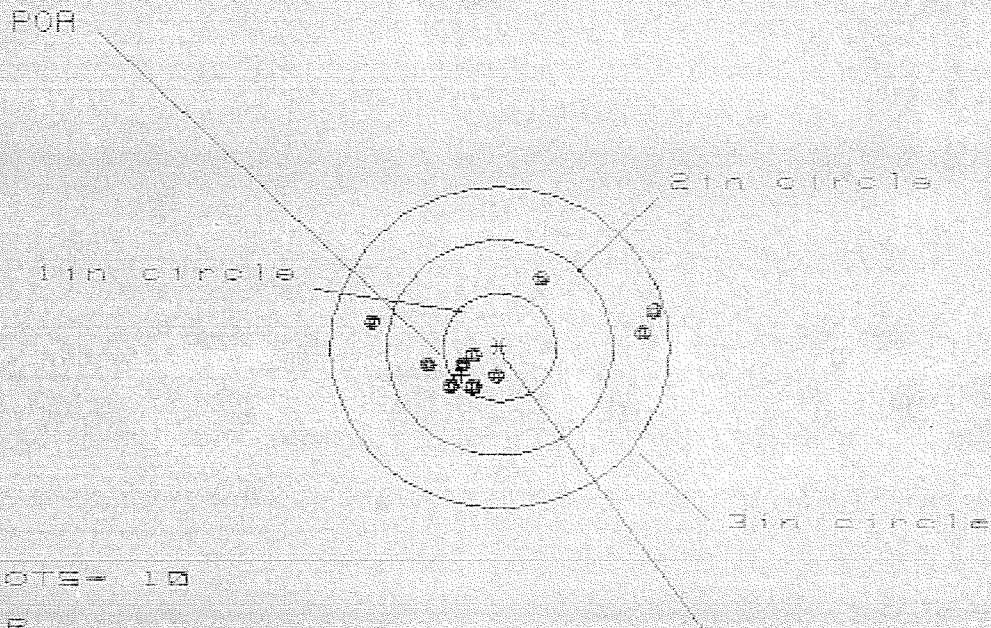
CENTROID #

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.474	1.627	.345
MINIMUM X	-.946	-.793	-.589
MAXIMUM Y	1.044	1.127	1.071
MINIMUM Y	-1.015	-.932	-.988
CENTROID X	.364	.211	.007
CENTROID Y	.018	-.065	-.009
POA TO CENTROID in.	.365	.221	.012
MIN RADIUS	.301	.130	.185
MEAN RADIUS	.964	.849	.718
MAX RADIUS	1.567	1.687	1.126
HORIZONTAL SPREAD	2.420	2.420	.935
VERTICAL SPREAD	2.059	2.059	2.059
EXTREME SPREAD	2.816	2.816	2.129
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	

16 Oct 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 4

2in = 7

3in = 10

HS = 2.515

VS = 1.041

GS = 2.518

CENTROID *

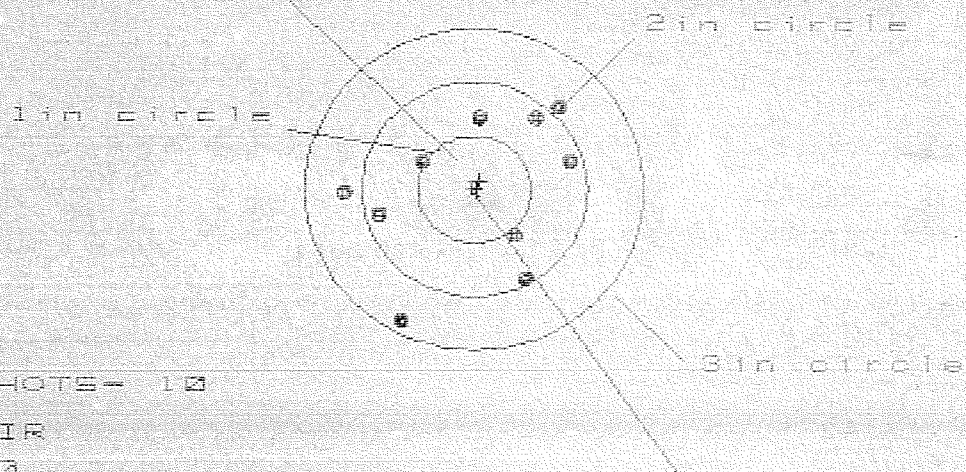
PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.383	1.385	.734
MINIMUM X	:	-1.132	-.978	-.805
MAXIMUM Y	:	.665	.705	.724
MINIMUM Y	:	-.376	-.336	-.317
CENTROID X	:	.333	.179	.006
CENTROID Y	:	.258	.218	.199
POA TO CENTROID in.	:	.421	.282	.199
MIN RADIUS	:	.194	.035	.092
MEAN RADIUS	:	.714	.570	.433
MAX RADIUS	:	1.429	1.393	1.031
HORIZONTAL SPREAD	:	2.515	2.363	1.539
VERTICAL SPREAD	:	1.041	1.041	1.041
EXTREME SPREAD	:	2.518	2.366	1.600
NUMBER IN ONE INCH CIRCLE =	:	4		
NUMBER IN TWO INCH CIRCLE =	:	7		
NUMBER IN THREE INCH CIRCLE =	:	10		

16 Oct 1991

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CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 7

3 in = 10

HS= 1.958

VS= 1.964

GS= 2.393

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.801	.733	.588
MINIMUM X	-1.157	-1.225	-1.037
MAXIMUM Y	.765	.632	.607
MINIMUM Y	-1.199	-.931	-.956
CENTROID X	-.047	.021	.174
CENTROID Y	-.074	.059	.084
POA TO CENTROID in.	.088	.062	.193
MIN RADIUS	.503	.507	.559
MEAN RADIUS	.880	.810	.737
MAX RADIUS	1.345	1.242	1.113
HORIZONTAL SPREAD	1.958	1.958	1.617
VERTICAL SPREAD	1.964	1.563	1.563
EXTREME SPREAD	2.393	2.090	1.871
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	10	