

BARBER - M24 0065669

FROM

UPC



6649172

*INCLUDES 1 IN CHAMBER

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0065669 M2400065708

MODEL 700TM M24

ORDER NO.	5716
BARREL LENGTH	
CAPACITY*	

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6649172

ORDER NO.

5716

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

20

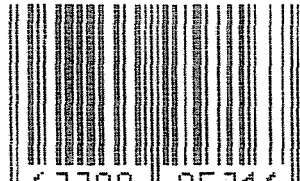


5716 C6649172

ORDER 5716

MODEL 700 TM M24

UPC

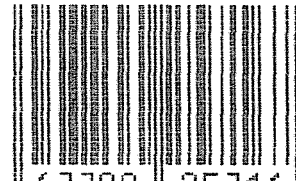


0 47700 25716 7

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649172

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1	91	Ru
600	Proof	10 1	91	Ru
607	Check Headspace	10 1	91	Ru
610	Dis-assemble Gun	10 1	91	Ru
612	Magnaflux Barrel Action		OCT 10 1991	KR
	Magnaflux Bolt		OCT 10 1991	KR
615	Rollmark Caliber		OCT 10 1991	JS
617	Drill and Tap Sight Holes		OCT 10 1991	LB
618	Polish Barrel		10/13/91	WB
620	Apply Coatings (Barrel Action)		11-8-91	PA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/11/91	Ru
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/11/91	Ru
	C) Inspect Ejector Hole for Chamfer		11/11/91	Ru
	D) Oil Firing Pin Ass'y		11/11/91	Ru
	E) Adjust Trigger Pull to Min Setting and Stake		12-7-91	JS

op. #	BARBER M24 0065673	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			12-9-91	RV
	G) Safety Off Force	3	3	3			12-9-91	RV
	H) Trigger Pull Test & Retainability						12-7-91	RV
	I) Firing Pin Indent	10205	.0205	10205			12-9-91	RV
	J) Assemble Stock						12/9/91	RV
	K) Assemble Swivel Studs						12-13-91	RV
	L) Attach Front and Rear Sight Assemblies						12/9/91	RV
	M) Iron Sight Alignment						12/9/91	RV
	N) Detach Front & Rear Sights & place in numbered container						12/9/91	RV
	O) Attach Scope to Rifle						12/9/91	RV
	P) Detach & Attach Scope 20 Times						12/9/91	RV
640	Gallery Target & Test						12-10-91	RV
	A) Time						12-10-91	RV
	B) Malfunctions						12-10-91	RV
	C) Pierced Primers						12-10-91	RV
	D) Optical Clarity of Scope						12-10-91	RV
645	Inspect for Live Ammo						12-10-91	RV
655	Final Inspection							
	A) Headspace						12-13-91	RV
	B) Trigger Pull	2.20	2.29	2.21	2.30	2.25	12-11-91	RV
	C) Function						12-13-91	RV
660	Pack						12-17-91	RV

SWS TRIGGER PULL TESTAVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6649172DATE 12-7-91TESTER JU.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.63	2.68	2.54	2.20	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.66	2.66	2.61	2.29	
PULL #3	2.65	2.66	2.65	2.21	
PULL #4	2.67	2.61	2.61	2.30	
PULL #5	2.66	2.62	2.61	2.25	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.49		
PULL #2	3.48	3.38		
PULL #3	3.44	3.33		
PULL #4	3.36	3.31		
PULL #5	3.51	3.36		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.62	4.64		4.55
PULL #2	4.58	4.66		4.63
PULL #3	4.56	4.64		4.59
PULL #4	4.63	4.49		4.59
PULL #5	4.60	4.58		4.63
TOTAL				
AVG.				

0	TO	1	.495952
1	TO	2	.34852
1	TO	3	.171773
1	TO	4	.638346
1	TO	5	.258234

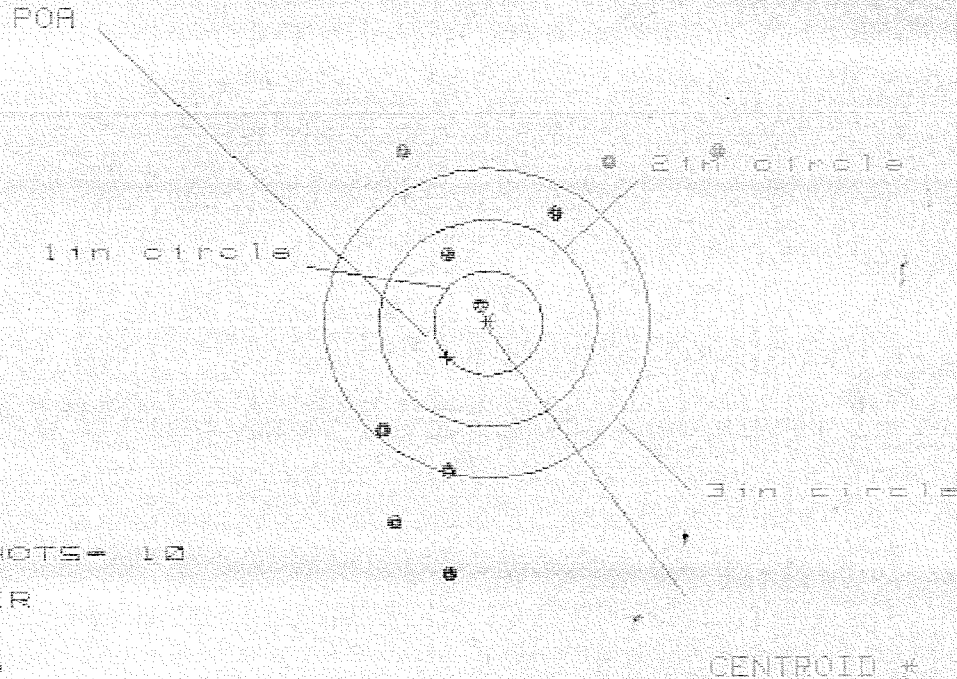
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BARBER - M24 **M2400065714**

10 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08649172

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 2

3 in = 5

HS = 3.129

VS = 4.088

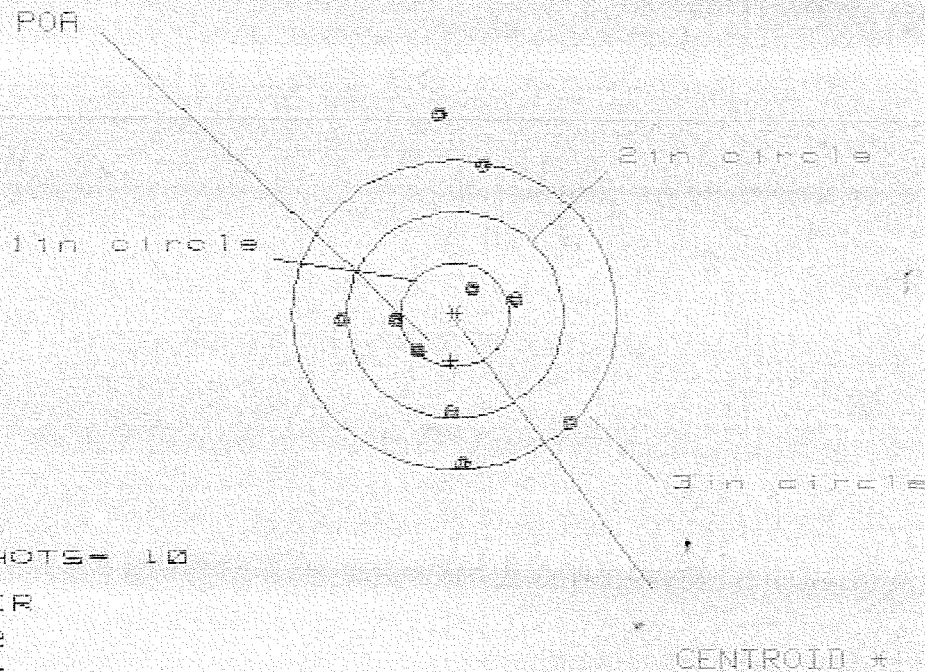
GS = 4.804

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.128	1.374	1.354
MINIMUM X	-1.001	-1.765	-1.785
MAXIMUM Y	1.627	1.808	1.523
MINIMUM Y	-2.461	-2.280	-1.988
CENTROID X	.372	.136	.156
CENTROID Y	.328	.147	.432
POA TO CENTROID in.	.496	.200	.459
MIN RADIUS	.156	.377	.171
MEAN RADIUS	1.611	1.491	1.339
MAX RADIUS	2.678	2.286	2.105
HORIZONTAL SPREAD	3.129	2.139	2.139
VERTICAL SPREAD	4.088	4.088	3.511
EXTREME SPREAD	4.804	4.359	4.056
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 2		
NUMBER IN THREE INCH CIRCLE	= 5		

18 Dec 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 9

HS = 2.046

VS = 3.478

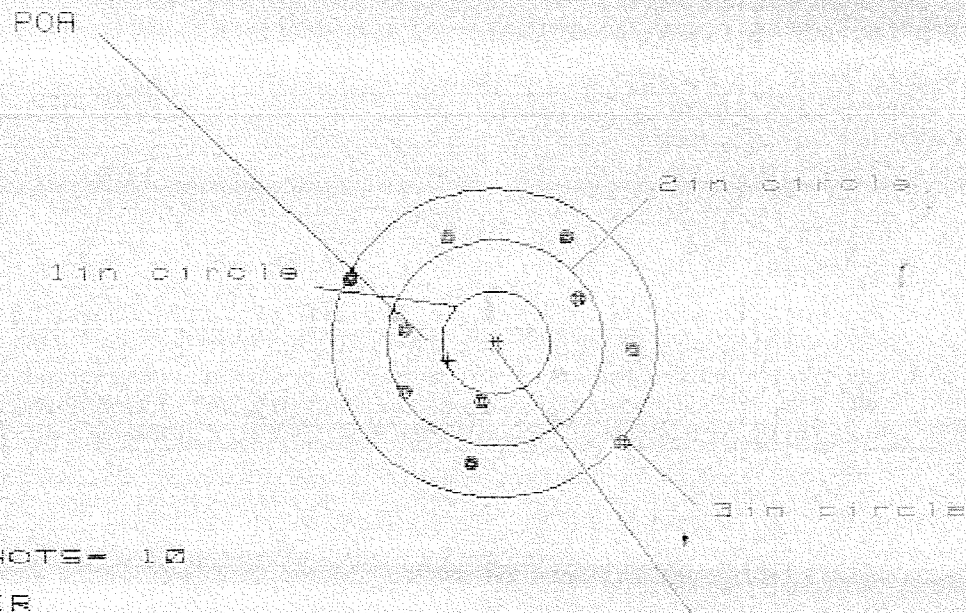
GS = 3.490

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.011	.990	1.001
MINIMUM X	:	-1.035	-1.056	-1.045
MAXIMUM Y	:	2.003	1.650	1.493
MINIMUM Y	:	-1.475	-1.252	-0.956
CENTROID X	:	.043	.064	.053
CENTROID Y	:	.443	.220	.377
POA TO CENTROID in.	:	.445	.229	.381
MIN RADIUS	:	.326	.393	.385
MEAN RADIUS	:	1.028	.903	.847
MAX RADIUS	:	2.012	1.668	1.515
HORIZONTAL SPREAD	:	2.046	2.046	2.046
VERTICAL SPREAD	:	3.478	2.902	2.449
EXTREME SPREAD	:	3.490	2.906	2.560
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 10

HS= 2.563

VS= 2.143

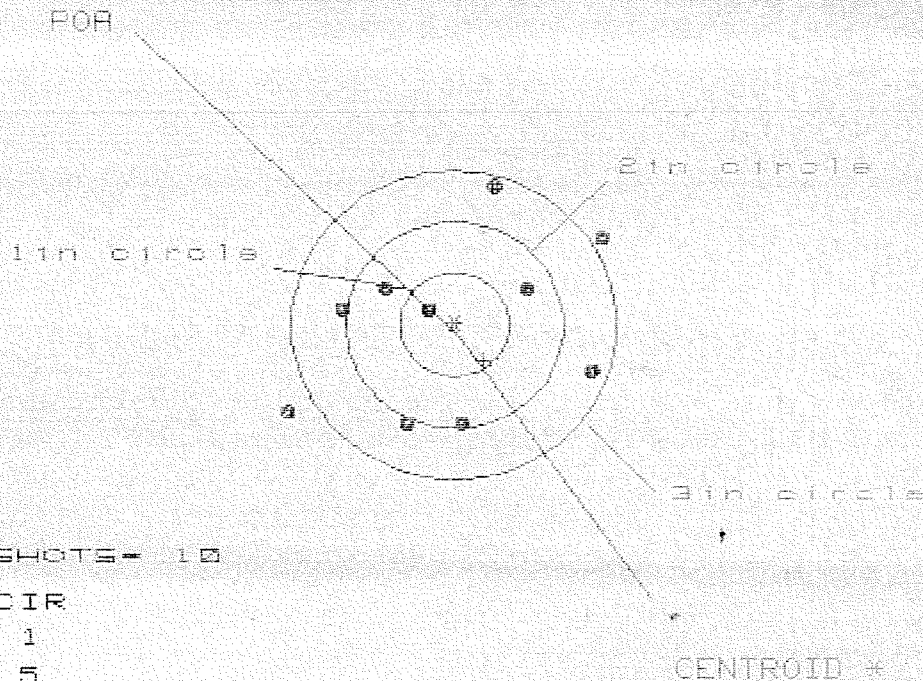
GS= 2.919

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.251	1.376	1.228
MINIMUM X	-1.312	-1.187	-1.886
MAXIMUM Y	.997	.893	.962
MINIMUM Y	-1.146	-1.250	-1.181
CENTROID X	.437	.312	.460
CENTROID Y	.169	.273	.204
POA TO CENTROID in.	.469	.415	.504
MIN RADIUS	.623	.707	.664
MEAN RADIUS	1.093	1.039	1.001
MAX RADIUS	1.470	1.383	1.229
HORIZONTAL SPREAD	2.563	2.563	2.114
VERTICAL SPREAD	2.143	2.143	2.143
EXTREME SPREAD	2.919	2.655	2.306
NUMBER IN ONE INCH CIRCLE =	0	0	0
NUMBER IN TWO INCH CIRCLE =	4	4	4
NUMBER IN THREE INCH CIRCLE =	10	10	10

10 Dec 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.907

VS= 2.236

GS= 3.410

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.402	1.235	1.239
MINIMUM X	:	-1.505	-1.176	-1.022
MAXIMUM Y	:	1.324	1.224	1.322
MINIMUM Y	:	-0.912	-1.012	-0.914
CENTROID X	:	-0.266	-0.099	-0.253
CENTROID Y	:	.349	.449	.351
POA TO CENTROID in.	:	.439	.460	.433
MIN RADIUS	:	.344	.459	.354
MEAN RADIUS	:	1.089	1.018	.937
MAX RADIUS	:	1.753	1.463	1.390
HORIZONTAL SPREAD	:	2.907	2.411	2.321
VERTICAL SPREAD	:	2.236	2.236	2.236
EXTREME SPREAD	:	3.410	2.544	2.411
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 10

HS= 2.839

VS= 2.269

GS= 2.890

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.453
MINIMUM X	-1.386
MAXIMUM Y	1.085
MINIMUM Y	-1.264
CENTROID X	.114
CENTROID Y	.339
POA TO CENTROID in.	.358
MIN RADIUS	.029
MEAN RADIUS	1.086
MAX RADIUS	1.483
HORIZONTAL SPREAD	2.839
VERTICAL SPREAD	2.269
EXTREME SPREAD	2.890
NUMBER IN ONE INCH CIRCLE	1
NUMBER IN TWO INCH CIRCLE	3
NUMBER IN THREE INCH CIRCLE	10