

BARBER - M24 0066232

FORN

UPC



0 47700 25716 7

C6649199

INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0066232 M2409966271

MODEL 700 TM M24

ORDER NO.

5716

BARBER - M24 0066234

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6649199

ORDER NO.

5716

20

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



5716 C6649199

ORDER 5716

MODEL 700 TM M24

UPC

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649199

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1	91	RW
600	Proof	10 1	91	RW
607	Check Headspace	10 1	91	RW
610	Dis-assemble Gun	10 1	91	RW
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		10/15/91	WB
620	Apply Coatings (Barrel Action)		11/2-91	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/11/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/11/91	RW
	C) Inspect Ejector Hole for Chamfer		11/11/91	RW
	D) Oil Firing Pin Ass'y		11/11/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/10/91	WB

op. #	BARBER MEM24 0066236	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 1/2	3 1/2	3 1/4			12/10/91	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			12/10/91	WB
	H) Trigger Pull Test & Retainability						12/10/91	WB
	I) Firing Pin Indent	.021	.0215	.021			12/10/91	WB
	J) Assemble Stock						12/10/91	RW
	K) Assemble Swivel Studs						12-12-91	JP
	L) Attach Front and Rear Sight Assemblies						12/10/91	RW
	M) Iron Sight Alignment						12/10/91	RW
	N) Detach Front & Rear Sights & place in numbered container						12/10/91	RW
	O) Attach Scope to Rifle						12/10/91	RW
	P) Detach & Attach Scope 20 Times						12/10/91	RW
640	Gallery Target & Test						12-11-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						12-11-91	NF
655	Final Inspection A) Headspace						12-12-91	JP
	B) Trigger Pull	2.48	2.50	2.57	2.58	2.65	12-12-91	JP
	C) Function						12-12-91	JP
660	Pack						12-11-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6649199DATE 12/10/91TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.48	2.43	2.48	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.46	2.29	2.50	
PULL #3	2.48	2.26	2.42	2.57	
PULL #4	2.14	2.43	2.44	2.58	
PULL #5	2.44	2.41	2.44	2.65	
TOTAL	11.98	12.04	12.02		
AVG.	2.40	2.41	2.40		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.13		
PULL #2	3.22	3.23		
PULL #3	3.28	3.19		
PULL #4	3.18	3.22		
PULL #5	3.27	3.18		
TOTAL	16.24	15.95		
AVG.	3.25	3.19		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.10	4.27		4.23
PULL #2	4.26	3.90		4.30
PULL #3	4.11	4.20		4.25
PULL #4	4.13	4.22		4.18
PULL #5	4.14	4.24		3.90
TOTAL	20.74	20.83		20.86
AVG.	4.15	4.17		4.17

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649199
11 Dec 1991

CENTROIDAL DISTANCES

0 TO 1	.260768
1 TO 2	.765032
1 TO 3	1.37493
1 TO 4	.273578
1 TO 5	.549132

12 14

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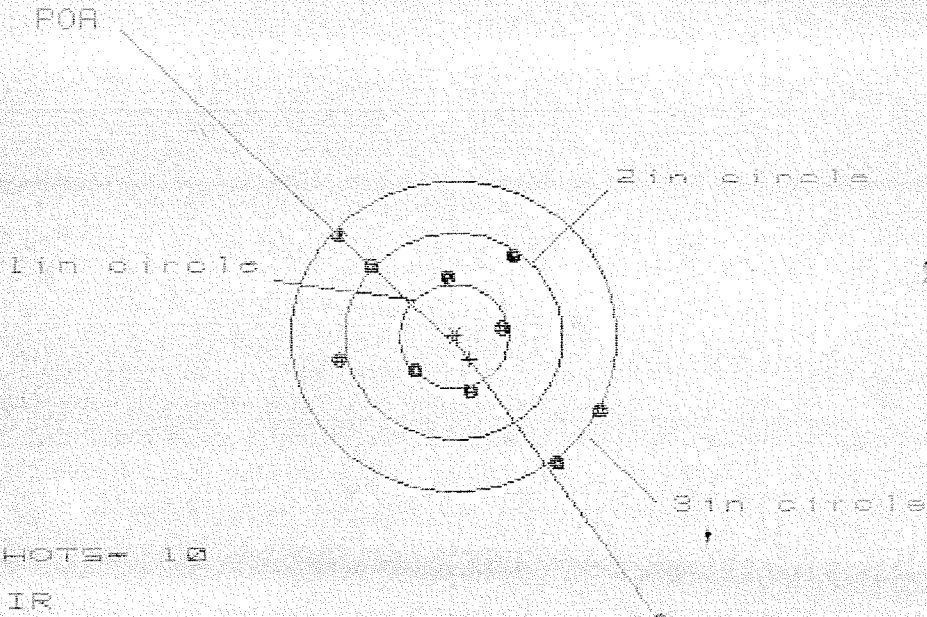
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1006
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2954
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .31206

THE AMR FOR THIS RIFLE IS: 1.155

11 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8B49199

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.452

VS= 2.208

GS= 2.995

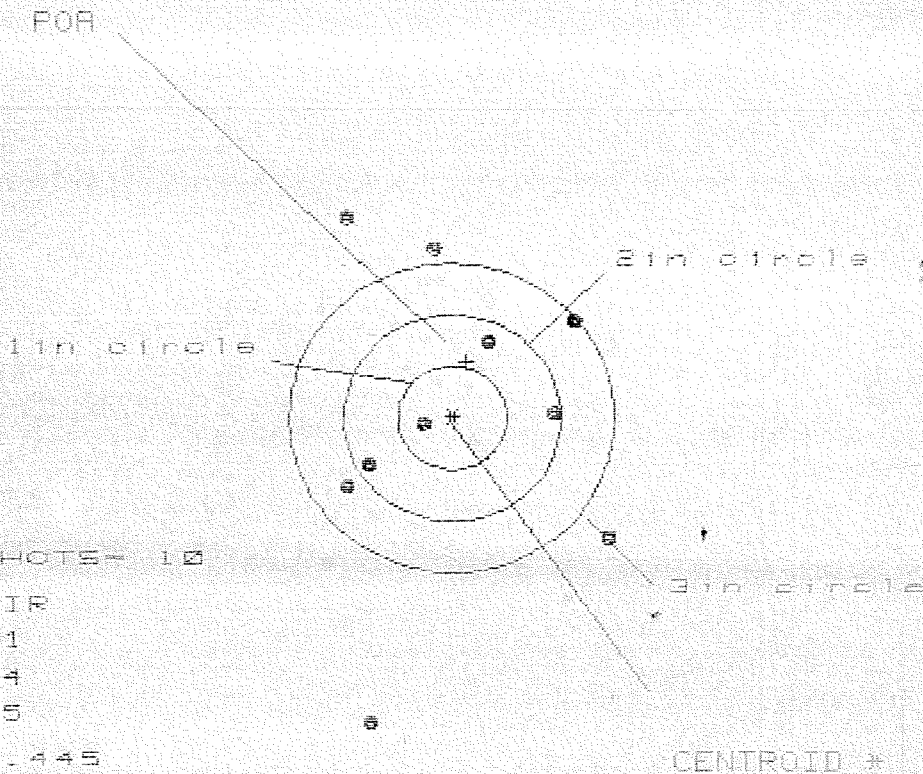
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.350	1.062	.838
MINIMUM X	-1.102	-.952	-.819
MAXIMUM Y	.989	.908	.745
MINIMUM Y	-1.219	-1.300	-.812
CENTROID X	-.140	-.290	-.423
CENTROID Y	.220	.301	.464
POA TO CENTROID in.	.261	.418	.637
MIN RADIUS	.447	.460	.425
MEAN RADIUS	.970	.897	.789
MAX RADIUS	1.535	1.679	1.108
HORIZONTAL SPREAD	2.452	2.014	1.657
VERTICAL SPREAD	2.208	2.208	1.557
EXTREME SPREAD	2.995	2.989	1.962
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

11 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649199

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 5

HS= 2.445

VS= 4.900

CS= 4.902

PATTERN #

2

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.444	1.355	1.226
MINIMUM X	-1.001	-1.090	-1.219
MAXIMUM Y	1.912	1.579	1.505
MINIMUM Y	-2.988	-1.465	-1.267
CENTROID X	-.133	-.044	.085
CENTROID Y	-.545	-.213	-.411
POA TO CENTROID in.	.561	.218	.420
MIN RADIUS	.296	.528	.546
MEAN RADIUS	1.441	1.231	1.139
MAX RADIUS	3.093	1.995	1.763
HORIZONTAL SPREAD	2.445	2.445	2.445
VERTICAL SPREAD	4.900	3.044	2.772
EXTREME SPREAD	4.902	3.867	3.200
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	5		

11 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06649189

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 0

2in = 3

3in = 5

HS= 2.589

VS= 3.867

GS= 3.884

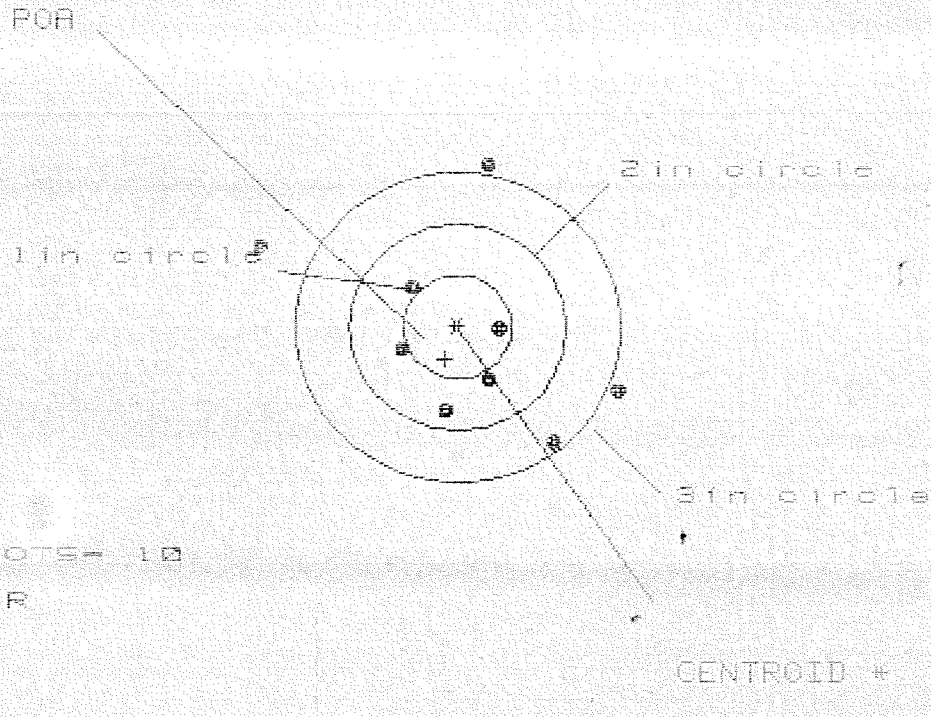
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.254	1.289	1.288
MINIMUM X	:	-1.335	-1.300	-1.301
MAXIMUM Y	:	1.806	1.577	1.636
MINIMUM Y	:	-2.061	-1.486	-1.289
CENTROID X	:	-0.313	-0.348	-0.347
CENTROID Y	:	-1.144	-0.915	-1.112
POA TO CENTROID in.	:	1.186	0.979	1.165
MIN RADIUS	:	0.512	0.493	0.530
MEAN RADIUS	:	1.361	1.249	1.213
MAX RADIUS	:	2.086	1.967	1.822
HORIZONTAL SPREAD	:	2.589	2.589	2.589
VERTICAL SPREAD	:	3.867	3.063	2.925
EXTREME SPREAD	:	3.884	3.326	3.265
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	

11 Dec 1981

FILE: PATTERNING/CENTERFIRE_PATT/C6649199

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 7

HS= 3.280

VS= 2.679

GS= 3.553

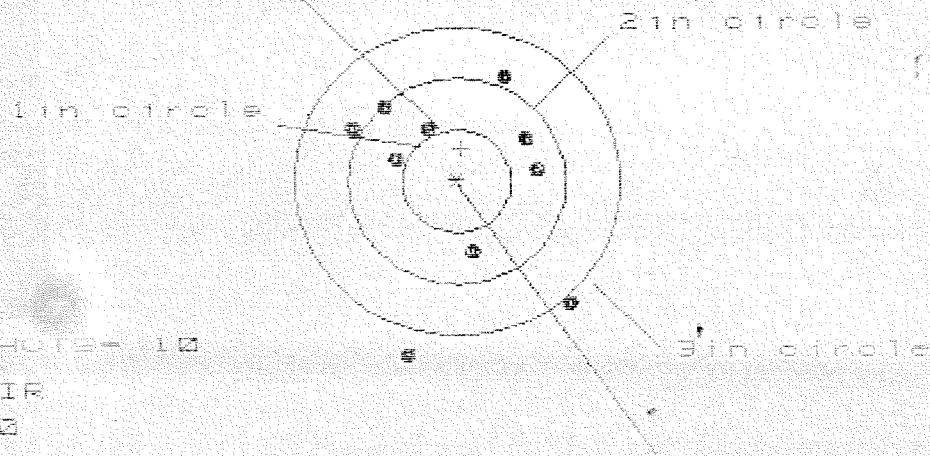
PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.485	1.285	1.294
MINIMUM X	-1.795	-1.732	-1.723
MAXIMUM Y	1.595	1.682	1.710
MINIMUM Y	-1.084	-1.997	-1.787
CENTROID X	.118	.318	.309
CENTROID Y	.311	.224	.014
POA TO CENTROID IN.	.332	.389	.309
MIN RADIUS	.353	.152	.181
MEAN RADIUS	.999	.877	.751
MAX RADIUS	1.957	1.683	1.322
HORIZONTAL SPREAD	3.280	2.017	2.017
VERTICAL SPREAD	2.679	2.679	1.497
EXTREME SPREAD	3.553	2.750	2.158
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		7	

11 Dec 1981

FILE: \PATTERNING\CENTERFIRE_PATT\06649199

CENTERFIRE PATTERNS # 5

POA



OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 8

HS= 1.979

VS= 2.683

GS= 2.836

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.006
MINIMUM X	-1.973
MAXIMUM Y	1.017
MINIMUM Y	-1.666
CENTROID X	-0.035
CENTROID Y	-0.319
POA TO CENTROID IN.	.321
MIN RADIUS	.628
MEAN RADIUS	1.004
MAX RADIUS	1.724
HORIZONTAL SPREAD	1.979
VERTICAL SPREAD	2.683
EXTREME SPREAD	2.836
NUMBER IN ONE INCH CIRCLE	0
NUMBER IN TWO INCH CIRCLE	5
NUMBER IN THREE INCH CIRCLE	8