

BARBER - M24 0103378

FORM

UPC



0 47700 25716 7

06665856

CAPACITY*
*INCLUDES 1 IN CHAMBER

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0103378 0103417

MODEL 700 TM M24

ORDER NO.
BARREL LENGTH

5716

BARBER - M24 0103380

Remington



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

MODEL 700TM M24

SERIAL NO.

C6665856

20

ORDER NO.

5716

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



5716 C6665856

ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7

ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665856

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/27/91	KL
600	Proof		9/27/91	KL
607	Check Headspace		9/27/91	KL
610	Dis-assemble Gun		9/27/91	KL
612	Magnaflux Barrel Action	OCT	4 1991	Kcd
	Magnaflux Bolt	OCT	4 1991	Kcd
615	Rollmark Caliber	OCT	4 1991	CS
617	Drill and Tap Sight Holes	OCT	4 1991	LB
618	Polish Barrel	OCT	4 1991	LB
620	Apply Coatings (Barrel Action)		10-18-91	TJA
	Apply Coating (Bolt)		10-18-91	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		11/4/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/4/91	KL
	C) Inspect Ejector Hole for Chamfer		11/4/91	KL
	D) Oil Firing Pin Ass'y		11/4/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		11-5-91	KL

op. #	OP. NAME	READINGS				DATE	INIT
	BARBER - M24 0103382						
625 cont.	F) Safety On Force	6	5	5	11-5-91	JH	
	G) Safety Off Force	3	3	3	11-5-91	JH	
	H) Trigger Pull Test & Retainability				11-5-91	JH	
	I) Firing Pin Indent	0.215	0.21	0.21	11-5-91	JH	
	J) Assemble Stock				11-5-91	Kd	
	K) Assemble Swivel Studs				11-27-91	K	
	L) Attach Front and Rear Sight Assemblies				11-5-91	Kd	
	M) Iron Sight Alignment				11-5-91	Kd	
	N) Detach Front & Rear Sights & place in numbered container				11-5-91	Kd	
	O) Attach Scope to Rifle				11-5-91	Kd	
	P) Detach & Attach Scope 20 Times				11-5-91	Kd	
640	Gallery Target & Test				11-5-91	NF	
	A) Time				"	NF	
	B) Malfunctions				"	NF	
	C) Pierced Primers				"	NF	
	D) Optical Clarity of Scope				"	NF	
645	Inspect for Live Ammo				11-8-91	NF	
655	Final Inspection						
	A) Headspace				11-27-91	A	
	B) Trigger Pull	2.39	2.41	2.34	2.40	2.40	11-13-91
	C) Function					11-27-91	A
660	Pack						

BARBER - M24 0103383

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO C-6665856

DATE 11-5-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.26	2.66	2.50	2.39	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.54	2.60	2.53	2.41	
PULL #3	2.61	2.34	2.49	2.34	
PULL #4	2.58	2.28	2.51	2.40	
PULL #5	2.65	2.54	2.55	2.40	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.65	3.34		
PULL #2	3.65	3.31		
PULL #3	3.38	3.39		
PULL #4	3.38	3.38		
PULL #5	3.41	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	4.45	4.32		4.39
PULL #2	4.35	4.33		4.41
PULL #3	4.40	4.41		4.41
PULL #4	4.40	4.37		4.41
PULL #5	4.41	4.43		4.48
TOTAL				
AVG.				

COORDINATE CALCULATIONS
LATITUDE = 16865856
LONGITUDE = 16865856

DISTANCES

1	.464557
2	.843237
3	.404827
4	.368136
5	.347449

2
1st <----FOR

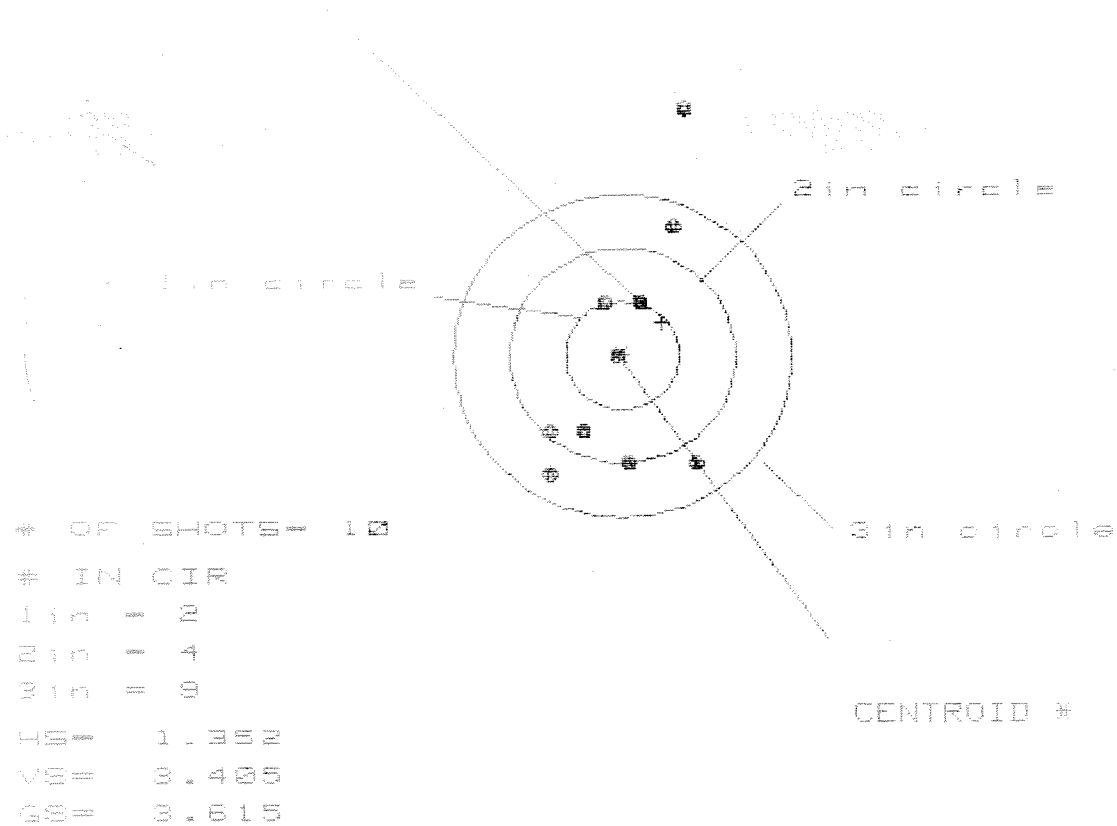
COORDINATE FOR THIS RIFLE IS: -.3442
COORDINATE FOR THIS RIFLE IS: .0654
AVERAGE POI RADIUS FOR THIS RIFLE IS: .350356

COORDINATE FOR THIS RIFLE IS: .957

FILE://PATTERNING/CENTERFIRE_PATT/08685856

CENTERFIRE PATTERNS # 1

RDP



PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.658	.720	.782
MINIMUM X	-.694	-.632	-.570
MAXIMUM Y	2.314	1.489	.916
MINIMUM Y	-1.091	-.834	-.647
CENTROID X	-.353	-.415	-.477
CENTROID Y	-.302	-.559	-.746
RCA TO CENTROID (X)	.465	.696	.885
RCA TO CENTROID (Y)	.012	.271	.330
MEAN RADIAL	.991	.825	.709
MR. RADIAL	2.380	1.570	.966
HORIZONTAL SPREAD	1.352	1.352	1.352
VERTICAL SPREAD	3.405	2.323	1.563
EXTREME SPREAD	3.615	2.567	1.775
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	9	

8 AUG 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8605856

CENTERFIRE PATTERNS # 2

POR

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 3.021

VS= 2.076

GS= 3.256

CENTROID #

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.127

.916

.987

MINIMUM X

-1.894

-1.173

-1.102

MAXIMUM Y

.992

1.078

.953

MINIMUM Y

-1.084

-.998

-.743

CENTROID X

-.373

-.162

-.233

CENTROID Y

.541

.455

.580

POR TO CENTROID in.

.657

.483

.625

MIN RADIUS

.099

.138

.059

MEAN RADIUS

.978

.802

.771

MAX RADIUS

2.046

1.473

1.333

HORIZONTAL SPREAD

3.021

2.089

2.089

VERTICAL SPREAD

2.076

2.076

1.696

EXTREME SPREAD

3.256

2.605

2.224

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

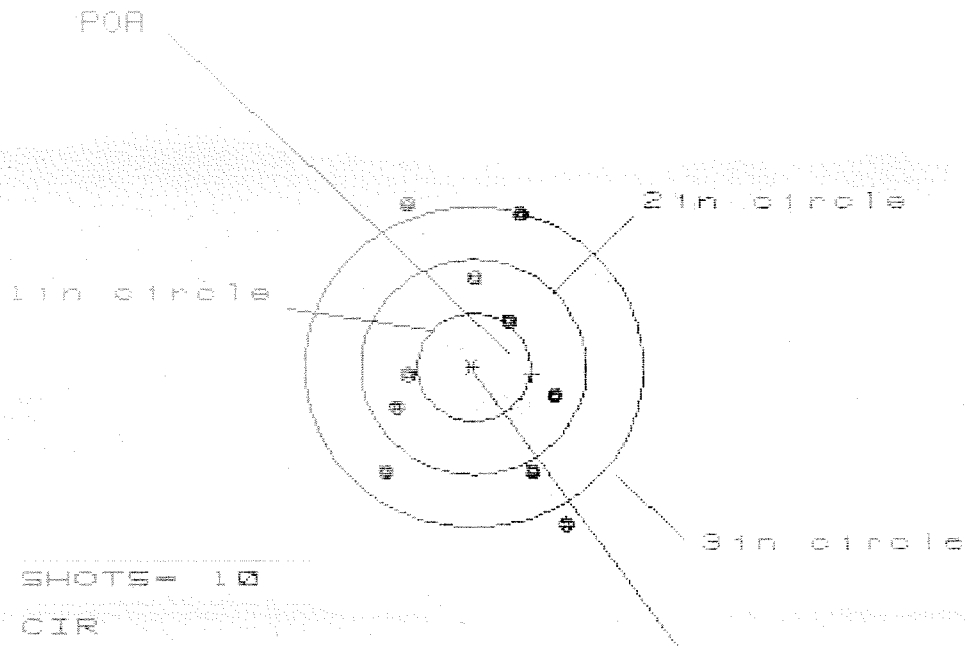
9

S No. 1591

FILE:/PATTERNING/CENTERFIRE_PATT/C6663856

CENTERFIRE PATTERNS

3



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 7

HS = 1.597

VS = 2.988

GS = 3.270

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.771	.829	.770
MINIMUM X	-.826	-.740	-.799
MAXIMUM Y	1.528	1.366	1.488
MINIMUM Y	-1.460	-1.128	-.958
CENTROID X	-.515	-.601	-.542
CENTROID Y	.069	.231	.061
POA TO CENTROID in.	.520	.644	.546
MIN RADIUS	.481	.431	.504
MEAN RADIUS	1.066	.988	.922
MAX RADIUS	1.651	1.445	1.544
HORIZONTAL SPREAD	1.597	1.569	1.569
VERTICAL SPREAD	2.988	2.494	2.445
EXTREME SPREAD	3.270	2.729	2.729
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	

6 NOV 1981

FILE:/PATTERNING/CENTERFIRE_PATT/06685056

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

CENTROID *

HS= 1.972

VS= 2.402

GS= 2.713

PATTERN #

4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.872	.890	.754
MINIMUM X	-1.100	-1.082	-.929
MAXIMUM Y	1.830	.865	.819
MINIMUM Y	-.572	-.369	-.378
CENTROID X	-.363	-.381	-.245
CENTROID Y	.066	-.137	-.091
POA TO CENTROID in.	.369	.404	.262
MIN RADIUS	.472	.268	.354
MEAN RADIUS	.898	.756	.702
MAX RADIUS	1.837	1.144	.957
HORIZONTAL SPREAD	1.972	1.972	1.683
VERTICAL SPREAD	2.402	1.234	1.197
EXTREME SPREAD	2.713	1.991	1.686
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

10 MAY 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665056

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS = 2.388

VS = 2.320

GS = 2.412

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.040	.891	.892
MINIMUM X	-1.348	-.541	-.540
MAXIMUM Y	1.252	1.253	.933
MINIMUM Y	-1.068	-1.067	-.910
CENTROID X	-.117	.032	.031
CENTROID Y	-.047	-.048	-.205
POA TO CENTROID in.	.127	.058	.207
MIN RADIUS	.366	.435	.323
MEAN RADIUS	.852	.796	.722
MAX RADIUS	1.348	1.253	1.000
HORIZONTAL SPREAD	2.388	1.432	1.432
VERTICAL SPREAD	2.320	2.320	1.843
EXTREME SPREAD	2.412	2.321	1.865
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	