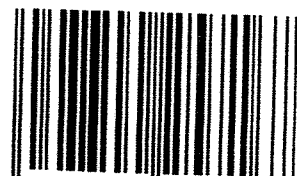


BARBER - M24 0103200

FORM

UPC



0 47700 25716 7

C6665839

INCLUDES 1 IN CHAMBER

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~0103200~~ M2400103239

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

CAPACITY*

Remington



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

MODEL 700™ M24

SERIAL NO.

C6665839

ORDER NO.

5716

20

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



5716 C6665839

ORDER 5716

MODEL 700™ M24

UPC



0 47700 25716 7

ORDER 5716

MODEL 700™ M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665839

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	8 1991	KR
	Magnaflux Bolt	OCT	8 1991	KR
615	Rollmark Caliber	OCT	8 1991	GL
617	Drill and Tap Sight Holes	OCT	8 1991	LB
618	Polish Barrel		10/15/91	WB
620	Apply Coatings (Barrel Action)		11-2-91	W
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake		12-9-91	W

op. #	BARBER - M24 0103204	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/4	4	4 1/4			12/10/91	WB
	G) Safety Off Force	3 1/2	3 1/2	3 1/2			12/10/91	WB
	H) Trigger Pull Test & Retainability						12-9-91	SM
	I) Firing Pin Indent	10205	0205	0205			12/10/91	WB
	J) Assemble Stock						12/10/91	KK
	K) Assemble Swivel Studs						12-12-91	SM
	L) Attach Front and Rear Sight Assemblies						12/10/91	KK
	M) Iron Sight Alignment						12/10/91	KK
	N) Detach Front & Rear Sights & place in numbered container						12/10/91	KK
	O) Attach Scope to Rifle						12/10/91	KK
	P) Detach & Attach Scope 20 Times						12/10/91	KK
640	Gallery Target & Test						12/11/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						12/11/91	KT
655	Final Inspection						12-12-91	SM
	A) Headspace							
	B) Trigger Pull	2.18	2.16	2.25	2.22	2.18	12-12-91	SM
	C) Function						12-12-91	SM
660	Pack						12-18-91	N

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C-6665839

DATE 12-9-91

TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.24	2.22	2.18	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.17	2.22	2.48	2.16	
PULL #3	2.25	2.23	2.44	2.25	
PULL #4	2.21	2.22	2.25	2.22	
PULL #5	2.30	2.23	2.29	2.18	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.60	3.48		
PULL #2	3.58	3.55		
PULL #3	3.50	3.39		
PULL #4	3.54	3.56		
PULL #5	3.44	3.58		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO (4#) FOR TARGET & ACCURACY
PULL #1	4.33	4.62		4.65
PULL #2	4.47	4.62		4.35
PULL #3	4.46	4.48		4.49
PULL #4	4.58	4.66		4.63
PULL #5	4.60	4.61		4.69
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665839
11 Dec 1991

CENTROIDAL DISTANCES

0 TO 1	1.51877
1 TO 2	1.38436
1 TO 3	1.34747
1 TO 4	1.48804
1 TO 5	1.40015

FOR

WEAP-LE X-COORDINATE FOR THIS RIFLE IS: .1562
WEAP-LE Y-COORDINATE FOR THIS RIFLE IS: -.3688
WEAP-LE AVERAGE POI RADIUS FOR THIS RIFLE IS: .401299
WEAP-LE THIS RIFLE IS: .9328

13 Dec 1991

FILE:XPATTERNING/CENTERFIRE_PATT/C8865839

CENTERFIRE PATTERNS

1

POB

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 0

2 in = 5

3 in = 10

HS = 2.004

VS = 1.980

GS = 2.608

PATTERN #

1

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.091

1.178

1.073

MINIMUM X

-.913

-.828

-.606

MAXIMUM Y

.885

.764

.835

MINIMUM Y

-1.095

-1.177

-1.082

CENTROID X

.506

.419

.522

CENTROID Y

-1.432

-1.311

-1.406

POB TO CENTROID in.

1.519

1.376

1.500

MIN RADIUS

.544

.396

.536

MEAN RADIUS

.963

.899

.877

MAX RADIUS

1.346

1.259

1.187

HORIZONTAL SPREAD

2.004

2.004

1.681

VERTICAL SPREAD

1.980

1.941

1.917

EXTREME SPREAD

2.608

2.339

2.274

NUMBER IN ONE INCH CIRCLE =

0

NUMBER IN TWO INCH CIRCLE =

5

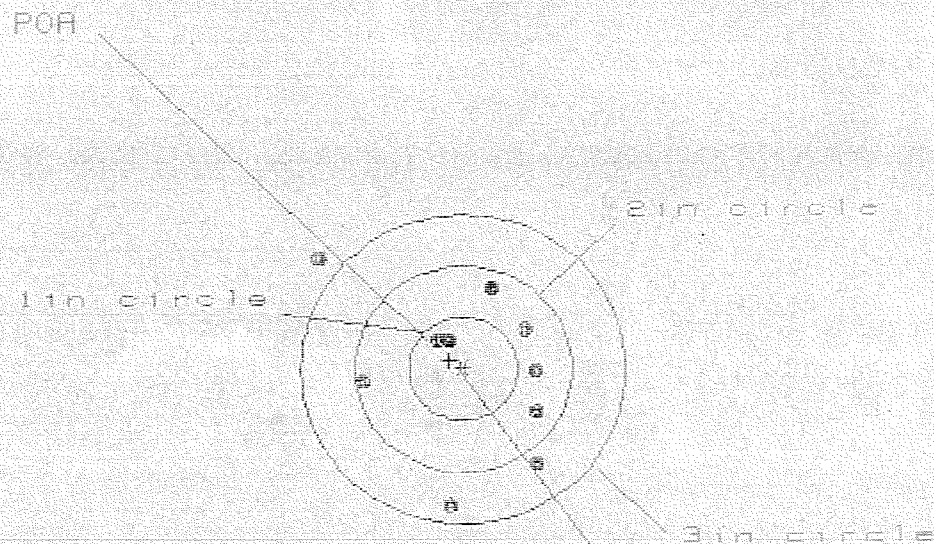
NUMBER IN THREE INCH CIRCLE =

10

(1 Oct 1991)

FILE: PATTERNING/CENTERFIRE_PATT/C5685839

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 2.034

VS= 2.352

GS= 2.846

CENTROID *

PATTERN #

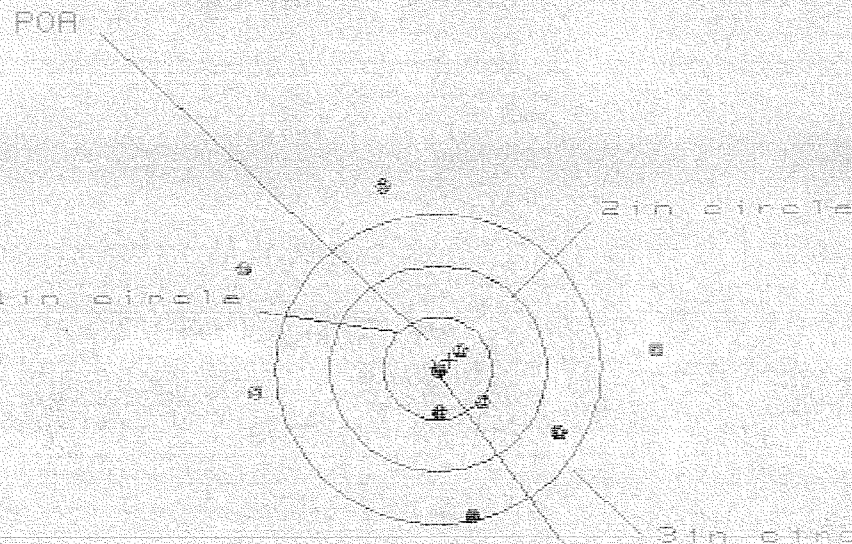
5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.689	.539	.503
MINIMUM X	-1.345	-1.112	-1.148
MAXIMUM Y	1.083	.877	.734
MINIMUM Y	-1.269	-1.149	-.930
CENTROID X	.131	.281	.317
CENTROID Y	-.083	-.203	-.060
POA TO CENTROID in.	.155	.347	.322
MIN RADIUS	.327	.504	.416
MEAN RADIUS	.064	.764	.677
MAX RADIUS	1.727	1.184	1.161
HORIZONTAL SPREAD	2.034	1.651	1.651
VERTICAL SPREAD	2.352	2.026	1.664
EXTREME SPREAD	2.846	2.058	1.815
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

11 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/05665833

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 4

3 in = 6

HS= 3.814

VS= 3.242

GS= 3.901

CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.988	1.776	1.164
MINIMUM X	-1.835	-1.871	-1.649
MAXIMUM Y	1.787	1.900	1.939
MINIMUM Y	-1.455	-1.342	-1.303
CENTROID X	-1.109	.095	-.127
CENTROID Y	-.077	-.190	-.229
POA TO CENTROID in.	.133	.213	.261
MIN RADIUS	.041	.211	.113
MEAN RADIUS	1.164	1.027	.930
MAX RADIUS	2.096	2.034	2.003
HORIZONTAL SPREAD	3.814	3.647	2.753
VERTICAL SPREAD	3.242	3.242	3.242
EXTREME SPREAD	3.901	3.675	3.354
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	6		

U. Dec 1991

FILE: /PATTERNING/CENTERFIRE_PATT/02683839

CENTERFIRE PATTERNS # 3

POH

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 9

HS = 2.733

VS = 2.254

GS = 3.069

CENTROID #

PATTERN #

3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.870	1.408	.527
MINIMUM X	-1.863	-.655	-.479
MAXIMUM Y	.869	.944	.589
MINIMUM Y	-1.385	-1.310	-1.192
CENTROID X	.272	.064	-.112
CENTROID Y	-.105	-.130	-.298
POA TO CENTROID in.	.292	.192	.319
MIN RADIUS	.009	.213	.107
MEAN RADIUS	.850	.687	.534
MAX RADIUS	1.990	1.695	1.192
HORIZONTAL SPREAD	2.733	2.063	1.006
VERTICAL SPREAD	2.254	2.254	1.781
EXTREME SPREAD	3.069	2.765	1.781
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

11 Dec 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6665838

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 2.265

VS= 2.066

GS= 2.535

PATTERN #

2

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.058	1.021	.866
MINIMUM X	-1.207	-1.244	-1.761
MAXIMUM Y	.717	.567	.488
MINIMUM Y	-1.349	-1.797	-1.876
CENTROID X	-.009	.028	.183
CENTROID Y	-.147	.003	.082
POA TO CENTROID in.	.147	.028	.201
MIN RADIUS	.198	.184	.188
MEAN RADIUS	.823	.731	.618
MAX RADIUS	1.389	1.394	1.070
HORIZONTAL SPREAD	2.265	2.265	1.627
VERTICAL SPREAD	2.066	1.364	1.364
EXTREME SPREAD	2.535	2.535	2.012
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	10	