

BARBER - M24 0103236

FORM

UPC



0 47700 25716 2

C6665842

INCLUDES 1 IN CHAMBER

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~0103236~~ M2400103275

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

CAPACITY*

BARBER - M24 0103238

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665842

ORDER NO.

5716

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

20



5716 C6665842

ORDER 5716

MODEL 700 TM M24

UPC

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665842

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/26/91	KH
600	Proof		9/26/91	KH
607	Check Headspace		9/26/91	KH
610	Dis-assemble Gun		9/26/91	KH
612	Magnaflux Barrel Action	OCT	4 1991	KCR
	Magnaflux Bolt	OCT	4 1991	KCR
615	Rollmark Caliber	OCT	4 1991	CS
617	Drill and Tap Sight Holes	OCT	4 1991	LB
618	Polish Barrel	OCT	4 1991	WB
620	Apply Coatings (Barrel Action)		10-18-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/4/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/4/91	KH
	C) Inspect Ejector Hole for Chamfer		11/4/91	KH
	D) Oil Firing Pin Ass'y		11/4/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		11/5/91	JK

op. #	BARBER M24 0103240	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			11-5-91	JK
	G) Safety Off Force	3	3	3			11-5-91	JK
	H) Trigger Pull Test & Retainability						11-5-91	JK
	I) Firing Pin Indent	1022	1022	10215			11-5-91	JK
	J) Assemble Stock						11/5/91	JK
	K) Assemble Swivel Studs						11-15-91	A
	L) Attach Front and Rear Sight Assemblies						11/5/91	JK
	M) Iron Sight Alignment						11/5/91	JK
	N) Detach Front & Rear Sights & place in numbered container						11/5/91	JK
	O) Attach Scope to Rifle						11/5/91	JK
	P) Detach & Attach Scope 20 Times						11/5/91	JK
640	Gallery Target & Test						11-7-91	N
	A) Time						11	N
	B) Malfunctions						11	N
	C) Pierced Primers						11	N
	D) Optical Clarity of Scope						11	N
645	Inspect for Live Ammo						11-7-91	N
655	Final Inspection							
	A) Headspace						11-15-91	A
	B) Trigger Pull	2.57	2.66	2.61	2.58	2.59	11-13-91	AO
	C) Function						11-15-91	A
660	Pack						12-19-91	N

(IW) JTAG

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS,
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C-6665842DATE 11-5-91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.52	2.50	2.50	2.57	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.53	2.44	2.66	
PULL #3	2.53	2.41	2.52	2.61	
PULL #4	2.52	2.51	2.53	2.58	
PULL #5	2.52	2.60	2.54	2.59	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.49	3.36		
PULL #2	3.40	3.37		
PULL #3	3.33	3.33		
PULL #4	3.36	3.34		
PULL #5	3.36	3.34		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.36		4.35
PULL #2	4.39	4.34		4.35
PULL #3	4.37	4.35		4.31
PULL #4	4.36	4.35		4.33
PULL #5	4.28	4.34		4.35
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665842
7 Nov 1991

CENTROIDAL DISTANCES

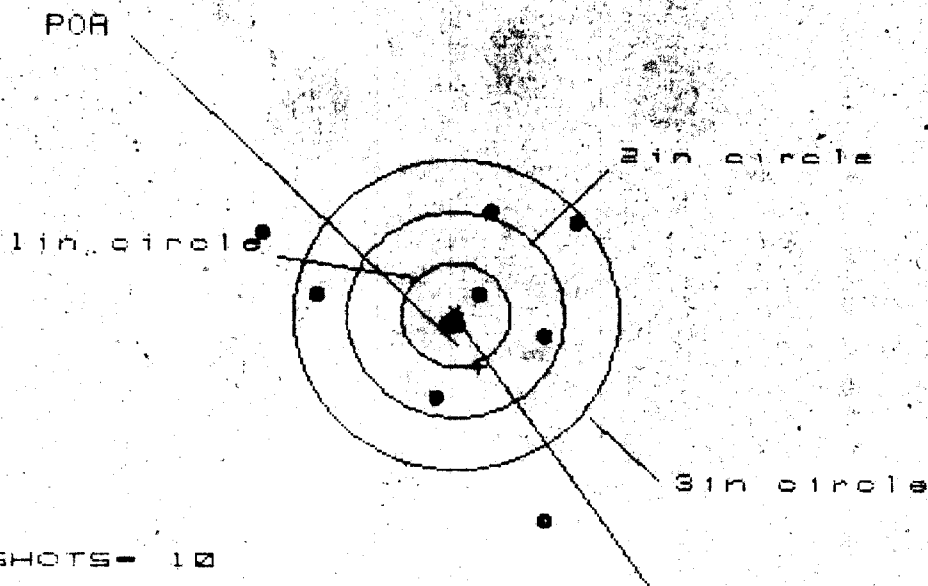
0	TO	1	.540196
1	TO	2	.517178
1	TO	3	.433797
1	TO	4	.41824
1	TO	5	.667892

4 5 <----POA

7 Nov 1991

FILE: PATTERNING/CENTERFIRE_PATT/08683842

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR.

1in = 3

2in = 5

3in = 8

HS= 2.845

VS= 2.975

GS= 3.825

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.104	1.198	.993
MINIMUM X	-1.741	-1.647	-1.407
MAXIMUM Y	.964	.777	.814
MINIMUM Y	-2.011	-1.601	-1.934
CENTROID X	-.213	-.300	-.102
CENTROID Y	.496	.719	.646
POA TO CENTROID IN.	.540	.783	.654
MIN RADIUS	.083	.261	.107
MEAN RADIUS	1.007	.904	.749
MAX RADIUS	2.102	1.747	1.409
HORIZONTAL SPREAD	2.845	2.847	2.400
VERTICAL SPREAD	2.975	1.745	1.745
EXTREME SPREAD	3.825	2.945	2.585
NUMBER IN ONE INCH CIRCLE	3	5	5
NUMBER IN TWO INCH CIRCLE	5	7	7
NUMBER IN THREE INCH CIRCLE	8	8	8

7 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665842

CENTERFIRE PATTERNS # 2

POR

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 9

CENTROID *

HS= 3.173

VS= 2.292

GS= 3.560

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.081	.949	.877
MINIMUM X	-2.092	-1.170	-1.142
MAXIMUM Y	1.345	1.246	.877
MINIMUM Y	-.947	-1.046	-.890
CENTROID X	-.141	.091	.063
CENTROID Y	-.016	.083	-.073
POR TO CENTROID in.	.142	.123	.096
MIN RADIUS	.451	.417	.481
MEAN RADIUS	1.075	.900	.849
MAX RADIUS	2.273	1.921	1.230
HORIZONTAL SPREAD	3.173	2.019	2.019
VERTICAL SPREAD	2.292	2.292	1.767
EXTREME SPREAD	3.560	2.454	2.368
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 4		
NUMBER IN THREE INCH CIRCLE	= 9		

7 Nov 1991

FILE: \PATTERNING\CENTERFIRE_PATT\06065042

CENTERFIRE PATTERNS

3

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 9

HS= 2.063

VS= 2.249

GS= 2.422

CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.752	.835	.681
MINIMUM X	-1.311	-1.228	-1.023
MAXIMUM Y	.845	.689	.654
MINIMUM Y	-1.484	-1.194	-1.229
CENTROID X	-.020	-.103	.051
CENTROID Y	.108	.264	.299
POA TO CENTROID in.	.110	.283	.303
MIN RADIUS	.322	.309	.285
MEAN RADIUS	.873	.760	.682
MAX RADIUS	1.589	1.457	1.405
HORIZONTAL SPREAD	2.063	2.063	1.704
VERTICAL SPREAD	2.249	1.883	1.883
EXTREME SPREAD	2.422	2.258	2.086
NUMBER IN ONE INCH CIRCLE	= 4		
NUMBER IN TWO INCH CIRCLE	= 6		
NUMBER IN THREE INCH CIRCLE	= 9		

2 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8685842

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 0

2 in = 5

3 in = 6

HS = 3.407

VS = 3.236

GS = 3.687

CENTROID *

PATTERN #

	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.825	1.713	.892
MINIMUM X	-1.582	-1.694	-1.480
MAXIMUM Y	1.451	1.253	1.299
MINIMUM Y	-1.785	-1.643	-1.597
CENTROID X	-.019	.093	-.121
CENTROID Y	.126	.324	.278
POA TO CENTROID in.	.127	.337	.303
MIN RADIUS	.650	.487	.635
MEAN RADIUS	1.269	1.155	1.090
MAX RADIUS	2.052	1.836	1.661
HORIZONTAL SPREAD	3.407	3.407	2.372
VERTICAL SPREAD	3.236	2.896	2.896
EXTREME SPREAD	3.687	3.424	2.970
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		6	

7 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CS685842

CENTERFIRE PATTERNS

5

POR

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS = 2.138

VS = 3.112

CS = 3.174

CENTROID *

PATTERN #

155

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.020	1.160	1.119
MINIMUM X	-1.110	-1.030	-0.891
MAXIMUM Y	1.608	1.395	0.993
MINIMUM Y	-1.424	-1.236	-1.062
CENTROID X	.410	.338	.199
CENTROID Y	.280	.092	-.082
POR TO CENTROID in.	.503	.350	.216
MIN RADIUS	.589	.639	.603
MEAN RADIUS	1.151	1.056	.933
MAX RADIUS	1.836	1.781	1.273
HORIZONTAL SPREAD	2.138	2.133	2.010
VERTICAL SPREAD	3.112	2.631	2.055
EXTREME SPREAD	3.174	2.790	2.125
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	