

BARBER - M24 0103575

Snowd.

FORM

UPC



06665875

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0103575
M2400103614

BARBER - M24 0103576

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.

C6665875

ORDER NO.

5716

20

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



5716 C6665875

ORDER 5716

MODEL 700™ M24

UPC

ORDER 5716

MODEL 700™ M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665875

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	KCR
	Magnaflux Bolt	OCT	4 1991	KCR
615	Rollmark Caliber	OCT	4 1991	CS
617	Drill and Tap Sight Holes	OCT	4 1991	FB
618	Polish Barrel	OCT	4 1991	WB
620	Apply Coatings (Barrel Action)		10-18-91	JA
	Apply Coating (Bolt)			JA
625	Final Assembly A) Clean inside of Bolt Assembly		10/31/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/31/91	KL
	C) Inspect Ejector Hole for Chamfer		10/31/91	KL
	D) Oil Firing Pin Ass'y		10/31/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		11-1-91	JA

OP #	OP NAME	READINGS				DATE	INIT	
625 cont.	F) Safety On Force	7	7	7	11-1-91	QU		
	G) Safety Off Force	4	4	4	11-1-91	QU		
	H) Trigger Pull Test & Retainability				11-1-91	QU		
	I) Firing Pin Indent	.021	.0215	.0215	11-1-91	QU		
	J) Assemble Stock				11-1-91	QU		
	K) Assemble Swivel Studs				11-12-91	AC		
	L) Attach Front and Rear Sight Assemblies				11-1-91	QU		
	M) Iron Sight Alignment				11-1-91	QU		
	N) Detach Front & Rear Sights & place in numbered container				11-1-91	QU		
	O) Attach Scope to Rifle				11-1-91	QU		
	P) Detach & Attach Scope 20 Times				11-1-91	QU		
640	Gallery Target & Test				11-4-91	AC		
	A) Time				11-4-91	AC		
	B) Malfunctions				11-4-91	AC		
	C) Pierced Primers				11-4-91	AC		
	D) Optical Clarity of Scope				11-4-91	AC		
645	Inspect for Live Ammo				11-4-91	AC		
655	Final Inspection							
	A) Headspace				11-12-91	AC		
	B) Trigger Pull	258	254	260	256	255	11-6-91	PL
	C) Function						11-12-91	A
660	Pack						12-19-91	V

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

SERIAL NO. C-6665875DATE 11-1-91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.40	2.44	2.58	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.26	2.35	2.54	
PULL #3	2.34	2.57	2.30	2.60	
PULL #4	2.31	2.48	2.49	2.56	
PULL #5	2.27	2.23	2.54	2.55	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.67	3.54		
PULL #2	3.66	3.54		
PULL #3	3.60	3.52		
PULL #4	3.29	3.29		
PULL #5	3.28	3.53		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.51		4.64
PULL #2	4.49	4.36		4.31
PULL #3	4.60	4.69		4.67
PULL #4	4.36	4.57		4.38
PULL #5	4.42	4.50		4.69
TOTAL				
AVG.				

CENTROIDAL DISTANCES OF CALIBER .308
FOR RIFLE # 00000073
5 Nov 1991

CENTROIDAL DISTANCES

0 TO 1	.158928
1 TO 2	.187
1 TO 3	.332862
1 TO 4	.280703
1 TO 5	.211244

32 <----FOR

THE FURTHER DISTANCE FROM THE CENTER IS: .0004
THE FURTHER DISTANCE FROM THE CENTER IS: .16
THE FURTHER DISTANCE FROM THE CENTER IS: .16
FOR THIS RIFLE IS: .16

4 NOV 1991

FILE: PATTERNS CENTER OF FIRE

CENTERFIRE PATTERNS # 1

POR

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR.

1 in - 1

2 in - 4

3 in - 8

HS = 2.293

VS = 3.552

GS = 3.595

CENTROID *

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.978	1.023	1.150
MINIMUM X	-1.315	-1.270	-1.143
MAXIMUM Y	2.307	.897	.774
MINIMUM Y	-1.245	-.989	-.926
CENTROID X	.123	.088	-.039
CENTROID Y	.087	-.169	-.046
POR TO CENTROID (in.)	.153	.191	.060
MIN RADIUS	.236	.345	.176
MEAN RADIUS	1.084	.923	.838
MAX RADIUS	2.343	1.414	1.386
HORIZONTAL SPREAD	2.293	2.293	2.293
VERTICAL SPREAD	3.552	1.896	1.700
EXTREME SPREAD	3.595	2.777	2.443
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

4 Nov 1991

FILE: M2400103583

CENTERFIRE PATTERNS

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in - 1

2 in - 5

3 in - 8

HS - 2.595

VS - 1.739

GS - 2.830

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.599	1.721	1.653
MINIMUM X	-.996	-.818	-.603
MAXIMUM Y	.918	.954	.923
MINIMUM Y	-.821	-.718	-.749
CENTROID X	.221	.043	-.172
CENTROID Y	.252	.149	.180
POA TO CENTROID in.	.335	.156	.249
MIN RADIUS	.146	.171	.287
MEAN RADIUS	1.025	.876	.706
MAX RADIUS	1.844	1.739	1.655
HORIZONTAL SPREAD	2.595	2.539	2.256
VERTICAL SPREAD	1.739	1.672	1.672
EXTREME SPREAD	2.830	2.800	2.462
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

4 Nov 1991

FILE: PATTERNS/CENTERFIRE/PAT/0005875

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 0

2in = 5

3in = 9

HS = 3.004

VS = 2.419

GS = 3.005

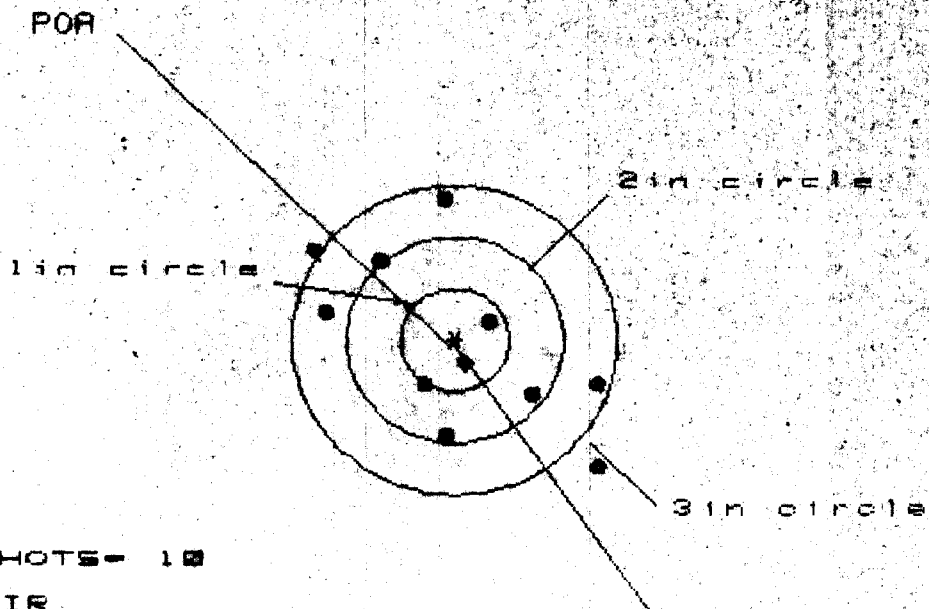
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.660	.933	.865
MINIMUM X	:	-1.344	-1.159	-1.227
MAXIMUM Y	:	1.263	1.252	1.121
MINIMUM Y	:	-1.156	-1.167	-1.011
CENTROID X	:	-.173	-.358	-.290
CENTROID Y	:	.218	.229	.073
POA TO CENTROID in.	:	.278	.425	.299
MIN RADIUS	:	.640	.683	.546
MEAN RADIUS	:	1.048	.977	.904
MAX RADIUS	:	1.663	1.362	1.227
HORIZONTAL SPREAD	:	3.004	2.092	2.092
VERTICAL SPREAD	:	2.419	2.419	2.132
EXTREME SPREAD	:	3.005	2.560	2.179
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

4 Nov 1991

FILE: PATTERNING/CENTERFIRE PAT/0000075

CENTERFIRE PATTERNS



OF SHOTS = 10

IN CIR

1in = 2

2in = 4

3in = 8

HS = 2.592

VS = 2.528

GS = 3.290

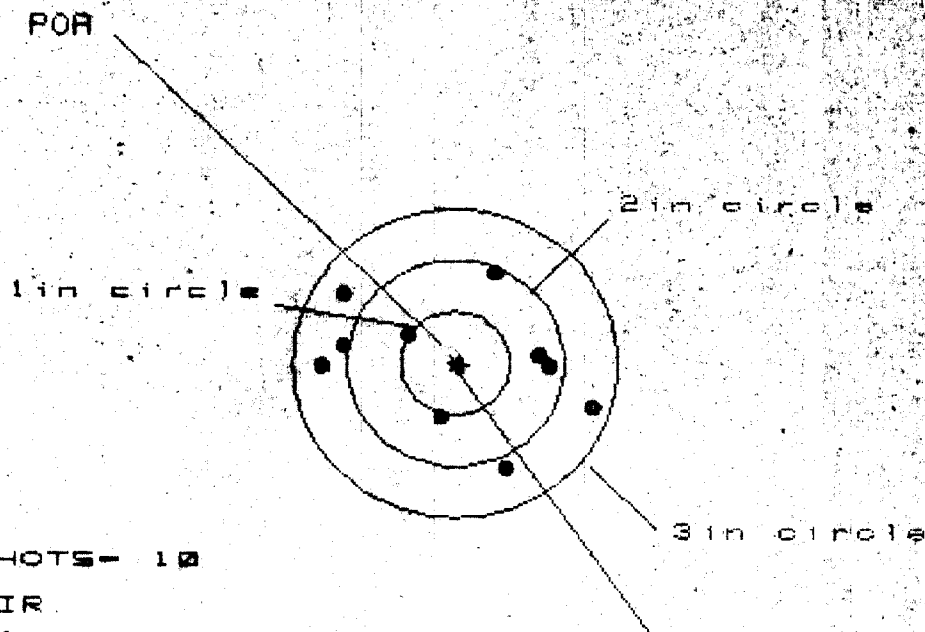
CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.331	1.456	1.317
MINIMUM X	-1.261	-1.113	-1.184
MAXIMUM Y	1.345	1.213	1.302
MINIMUM Y	-1.183	-1.023	-.934
CENTROID X	-.112	-.260	-.121
CENTROID Y	.224	.356	.267
POA TO CENTROID in.	.251	.441	.293
MIN RADIUS	.407	.497	.393
MEAN RADIUS	1.097	1.015	.961
MAX RADIUS	1.781	1.561	1.400
HORIZONTAL SPREAD	2.592	2.569	2.501
VERTICAL SPREAD	2.528	2.236	2.236
EXTREME SPREAD	3.290	2.868	2.606
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

4 Nov 1991

FILE: PATTERNING/CENTERFIRE_PATT-0805070

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR.

1 in - 1

2 in - 5

3 in - 10

HS - 2.515

VS - 1.961

GS - 2.548

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.285	1.041	.905
MINIMUM X	-1.230	-1.087	-1.021
MAXIMUM Y	.897	.846	.835
MINIMUM Y	-1.064	-1.115	-1.126
CENTROID X	-.067	-.210	-.074
CENTROID Y	.019	.070	.081
POA TO CENTROID in.	.070	.221	.110
MIN RADIUS	.497	.356	.456
MEAN RADIUS	.962	.904	.876
MAX RADIUS	1.362	1.285	1.233
HORIZONTAL SPREAD	2.515	2.128	1.926
VERTICAL SPREAD	1.961	1.961	1.961
EXTREME SPREAD	2.548	2.264	2.264
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		