

BARBER - M24 0007418

C6498773



RECORDS CONTROL SCHEDULE

RECORDS CATEGORY OR TITLE:

874 - TOURIST INFORMATION

COPY "O" (OFFICIAL) ☒ "X" (EXTRA) ☐

TOTAL RETENTION: UNTIL SUPERSEDED

OR OBSOLETE

GS-11050 Rev. 8/78

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0007457

C6498773

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

BARBER - M24 0007420



Remington [®]		DUPONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700TM M24		SERIAL NO. C6498773	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		01	



5716 C6498773

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0007420

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498773

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 17	90	RW
600	Proof	5 17	90	RW
607	Check Headspace	5 17	90	RW
610	Dis-assemble Gun	5 17	90	RW
612	Magnaflux Barrel Action		5/22/90	KCR
	Magnaflux Bolt		5/22/90	ISCR
615	Rollmark Caliber		5/23/90	BS
617	Drill and Tap Sight Holes		5/23/90	FB
618	Polish Barrel RB		5/24/90	WB
620	Apply Coatings (Barrel Action)		5-4-90	TJA
	Apply Coating (Bolt)		6	
625	Final Assembly			
	A) Clean inside of Bolt Assembly		6/4/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/4/90	RW
	C) Inspect Ejector Hole for Chamfer		6/4/90	RW
	D) Oil Firing Pin Ass'y		6/4/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6-11-90	DL

BARBER - M24 0007422

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			6/11/90	JK
	G) Safety Off Force	3	3	3			6/11/90	JK
	H) Trigger Pull Test & Retainability						6-11-90	JK
	I) Firing Pin Indent	.0225	.0225	.0225			6/11/90	JK
	J) Assemble Stock						6/12/90	RW
	K) Assemble Swivel Studs						6/14/90	JK
	L) Attach Front and Rear Sight Assemblies						6/12/90	RW
	M) Iron Sight Alignment						6/12/90	RW
	N) Detach Front & Rear Sights & place in numbered container						6/12/90	RW
	O) Attach Scope to Rifle						6/12/90	JK
	P) Detach & Attach Scope 20 Times						6/12/90	JK
640	Gallery Target & Test						"	JK
	A) Time						"	JK
	B) Malfunctions						"	JK
	C) Pierced Primers						"	JK
	D) Optical Clarity of Scope						"	JK
645	Inspect for Live Ammo						"	JK
655	Final Inspection							
	A) Headspace						6/14/90	JK
	B) Trigger Pull	2.33	2.38	2.41	2.39	2.38	6/13/90	JK
	C) Function						6/14/90	JK
660	Pack						6-20-90	JK

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6498773

DATE 6-11-90

TESTER J. H.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.27	2.30	2.33	MIN. SETTING,
PULL #2	2.46	2.27	2.33	2.38	NO AVG. OF 5
PULL #3	2.46	2.34	2.40	2.41	READINGS ACCEPT-
PULL #4	2.25	2.44	2.22	2.39	ABLE LESS THAN 2#
PULL #5	2.31	2.51	2.35	2.38	
TOTAL	11.98	11.83	11.60		
AVG.	2.394	2.366	2.32		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.37		
PULL #2	3.37	3.42		
PULL #3	3.45	3.45		
PULL #4	3.39	3.17		
PULL #5	3.42	3.41		
TOTAL	16.94	16.82		
AVG.	3.388	3.364		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.28		4.38
PULL #2	4.18	4.41		4.35
PULL #3	4.29	4.34		4.37
PULL #4	4.19	4.35		4.29
PULL #5	4.32	4.38		4.44
TOTAL	21.24	21.76		21.83
AVG.	4.248	4.352		4.366

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498773
13 Jun 1990

CENTROIDAL DISTANCES

0 TO	1	.333318
1 TO	2	.608326
1 TO	3	.0592368
1 TO	4	.635519
1 TO	5	.771343

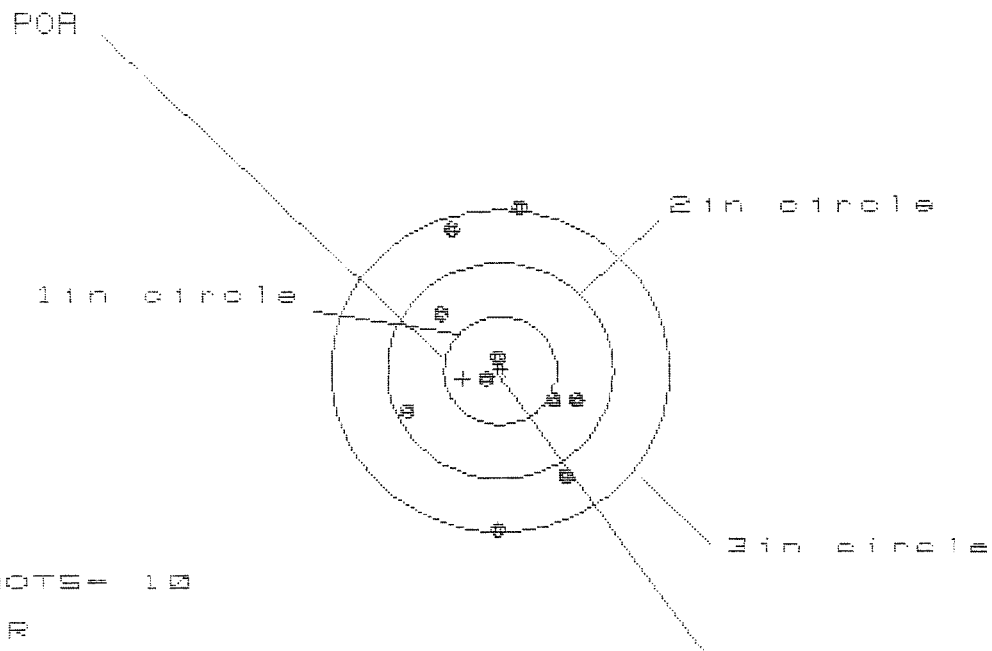
+8 <----POA
45

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .5556
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2568
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .612076
THE AMR FOR THIS RIFLE IS: .9054

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08498773

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 1.505

VS= 3.075

GS= 3.080

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.716	.738	.743
MINIMUM X	-.789	-.767	-.762
MAXIMUM Y	1.556	1.485	1.317
MINIMUM Y	-1.519	-1.346	-.953
CENTROID X	.325	.303	.298
CENTROID Y	.074	-.099	.069
POA TO CENTROID in.	.333	.319	.306
MIN RADIUS	.159	.131	.135
MEAN RADIUS	.876	.794	.706
MAX RADIUS	1.568	1.544	1.381
HORIZONTAL SPREAD	1.505	1.505	1.505
VERTICAL SPREAD	3.075	2.831	2.270
EXTREME SPREAD	3.080	2.869	2.476
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

13 Jun 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C643B773

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 2.380

VS= 1.764

GS= 2.634

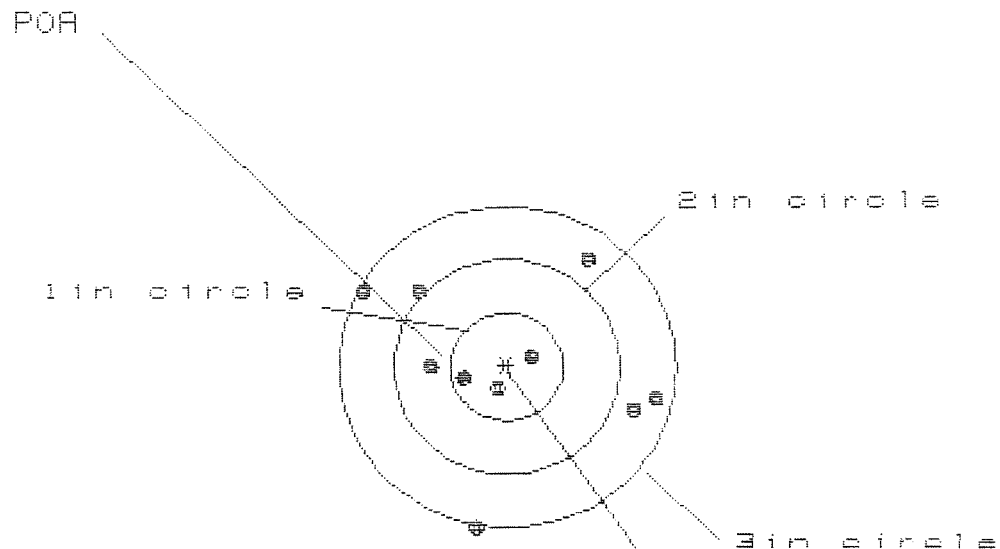
CENTROID #

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.785	.608	.441
MINIMUM X	-1.595	-1.342	-.411
MAXIMUM Y	1.011	1.068	1.050
MINIMUM Y	-.753	-.696	-.714
CENTROID X	.680	.857	1.024
CENTROID Y	-.420	-.477	-.459
POA TO CENTROID in.	.799	.981	1.123
MIN RADIUS	.169	.288	.403
MEAN RADIUS	.914	.808	.733
MAX RADIUS	1.675	1.349	1.062
HORIZONTAL SPREAD	2.380	1.950	.852
VERTICAL SPREAD	1.764	1.764	1.764
EXTREME SPREAD	2.634	2.059	1.767
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

13 JUN 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C649B773

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 4

3in = 9

HS= 2.565

VS= 2.511

GS= 2.722

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.317	1.290	1.131
MINIMUM X	:	-1.248	-1.275	-.923
MAXIMUM Y	:	.981	.811	.872
MINIMUM Y	:	-1.530	-.529	-.468
CENTROID X	:	.380	.407	.566
CENTROID Y	:	.096	.266	.205
POR TO CENTROID in.	:	.392	.486	.602
MIN RADIUS	:	.209	.258	.088
MEAN RADIUS	:	.932	.869	.794
MAX RADIUS	:	1.549	1.365	1.187
HORIZONTAL SPREAD	:	2.565	2.565	2.054
VERTICAL SPREAD	:	2.511	1.340	1.340
EXTREME SPREAD	:	2.722	2.722	2.264
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

13 Jun 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C649B773

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 3.025

VS= 1.828

GS= 3.451

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.549	.922	.759
MINIMUM X	:	-1.476	-1.304	-1.418
MAXIMUM Y	:	1.109	1.048	.994
MINIMUM Y	:	-.719	-.596	-.650
CENTROID X	:	.587	.415	.578
CENTROID Y	:	-.505	-.628	-.574
POA TO CENTROID in.	:	.774	.753	.815
MIN RADIUS	:	.455	.314	.386
MEAN RADIUS	:	1.017	.909	.826
MAX RADIUS	:	1.905	1.373	1.436
HORIZONTAL SPREAD	:	3.025	2.226	2.177
VERTICAL SPREAD	:	1.828	1.644	1.644
EXTREME SPREAD	:	3.451	2.533	2.359
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6496773

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 0

2in = 8

3in = 10

HS= 1.185

VS= 1.967

GS= 2.207

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.435	.352	.384
MINIMUM X	:	-.750	-.565	-.533
MAXIMUM Y	:	1.179	1.179	.957
MINIMUM Y	:	-.788	-.657	-.510
CENTROID X	:	.806	.889	.857
CENTROID Y	:	-.529	-.660	-.807
POA TO CENTROID in.	:	.964	1.107	1.177
MIN RADIUS	:	.549	.406	.336
MEAN RADIUS	:	.788	.684	.574
MAX RADIUS	:	1.397	1.207	.958
HORIZONTAL SPREAD	:	1.185	.917	.917
VERTICAL SPREAD	:	1.967	1.836	1.467
EXTREME SPREAD	:	2.207	1.838	1.475
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	