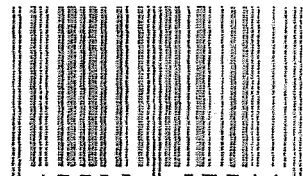


BARBER - M24 0065645

FILED

UPC



0 47700 25716 7

06649170

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0065645 M2400965684

MODEL 760 TM M24

ORDER NO. 5716

BARREL LENGTH

CAPACITY*

*INCLUDES 1 IN CHAMBER

BARBER - M24 0065647

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6649170

ORDER NO.

5716

20

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

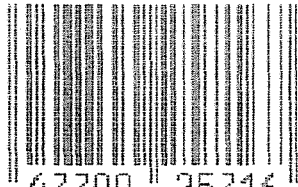


5716 C6649170

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649170

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	91	AW
600	Proof	9 26	91	AW
607	Check Headspace	9 26	91	AW
610	Dis-assemble Gun	9 26	91	AW
612	Magnaflux Barrel Action		SEP 30 1991	KR
	Magnaflux Bolt		SEP 30 1991	KR
615	Rollmark Caliber		SEP 30 1991	LS
617	Drill and Tap Sight Holes		SEP 30 1991	FB.
618	Polish Barrel		OCT 2 1991	WB
620	Apply Coatings (Barrel Action)		10/13/91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/13/91	AW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/13/91	AW
	C) Inspect Ejector Hole for Chamfer		10/13/91	AW
	D) Oil Firing Pin Ass'y		10/13/91	AW
	E) Adjust Trigger Pull to Min Setting and Stake		10/28/91	AW

op. #	OP NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5 1/2	5 1/2			10/28/91	WB
	G) Safety Off Force	3	3	3			10/28/91	WB
	H) Trigger Pull Test & Retainability						10/28/91	JJ
	I) Firing Pin Indent	.0705	.0725	.0725			10/28/91	WB
	J) Assemble Stock						10/29/91	RW
	K) Assemble Swivel Studs						10-30-91	A
	L) Attach Front and Rear Sight Assemblies						10/29/91	RW
	M) Iron Sight Alignment						10/29/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/29/91	RW
	O) Attach Scope to Rifle						10/29/91	RW
	P) Detach & Attach Scope 20 Times						10/29/91	RW
	640	Gallery Target & Test						10/29/91
	A) Time							KF
	B) Malfunctions							KF
	C) Pierced Primers							KF
	D) Optical Clarity of Scope							KF
645	Inspect for Live Ammo						10/29/91	KF
655	Final Inspection							
	A) Headspace						10-30-91	A
	B) Trigger Pull	209	205	208	213	206	10-30-91	PH
	C) Function						10-30-91	A
660	Pack						12-18-91	N

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

SERIAL NO. C6649170
 DATE 10/28/91
 TESTER JJ

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.33	2.25	209	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.33	2.38	205	
PULL #3	2.33	2.27	2.22	208	
PULL #4	2.40	2.28	2.30	213	
PULL #5	2.32	2.21	2.38	206	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.53	3.15		
PULL #2	3.32	3.43		
PULL #3	3.20	3.32		
PULL #4	3.31	3.31		
PULL #5	3.35	3.25		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.27		4.32
PULL #2	4.26	4.41		4.22
PULL #3	4.18	4.36		4.32
PULL #4	4.23	4.34		4.36
PULL #5	4.20	4.34		4.29
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06649170
29 Oct 1991

CENTROIDAL DISTANCES

0 TO 1	.462395
1 TO 2	.754987
1 TO 3	.320062
1 TO 4	.546074
1 TO 5	.557807

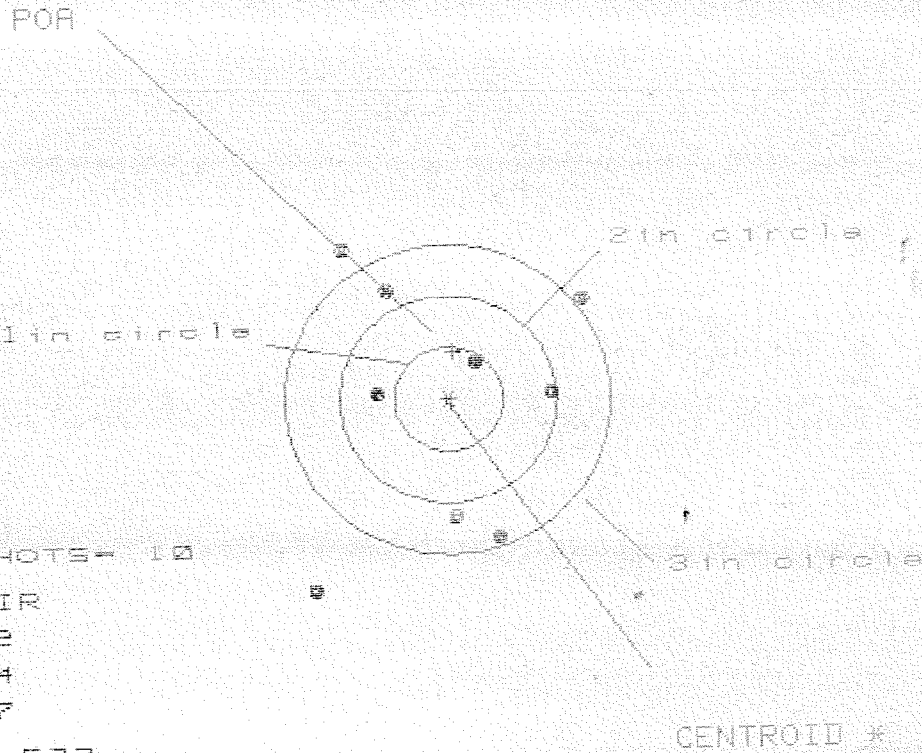
542
13
-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1742
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1154
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .288956
THE AMR FOR THIS RIFLE IS: 1.016

29 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C3649170

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HO = 2.550

VO = 3.357

CO = 3.788

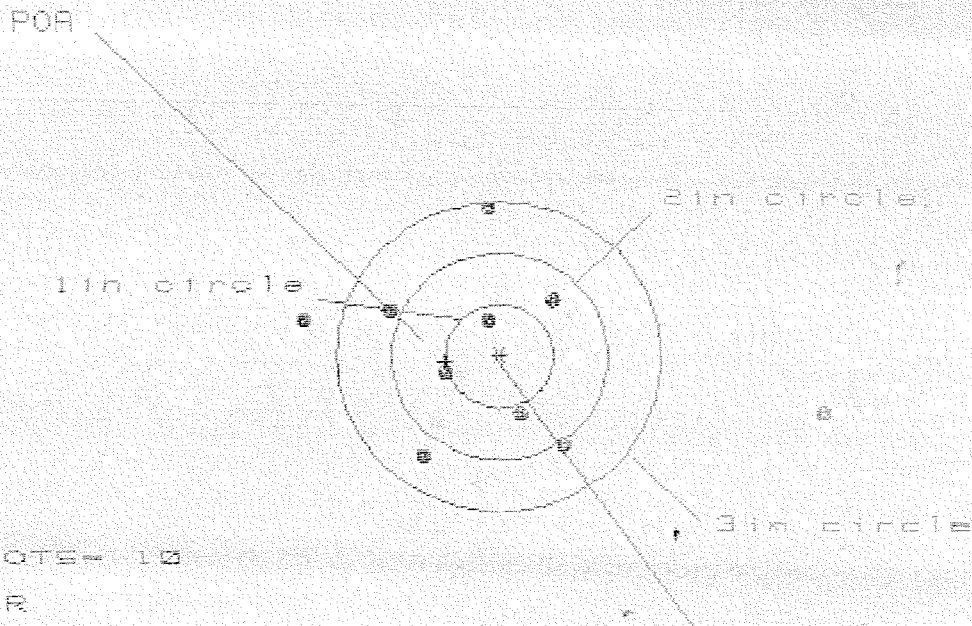
CENTROID *

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.290	1.152	1.021
MINIMUM X	-1.243	-1.047	-0.924
MAXIMUM Y	1.507	1.302	1.014
MINIMUM Y	-1.850	-1.580	-1.418
CENTROID X	-0.047	0.091	0.222
CENTROID Y	-0.460	-0.255	-0.417
POA TO CENTROID in.	0.463	0.270	0.473
MIN RADIUS	0.430	0.187	0.279
MEAN RADIUS	1.185	1.009	0.933
MAX RADIUS	2.228	1.670	1.429
HORIZONTAL SPREAD	2.533	2.199	1.945
VERTICAL SPREAD	3.357	2.882	2.432
EXTREME SPREAD	3.788	3.185	2.613
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 4		
NUMBER IN THREE INCH CIRCLE	= 7		

29 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06649170

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 4.814

VS = 2.375

GS = 4.898

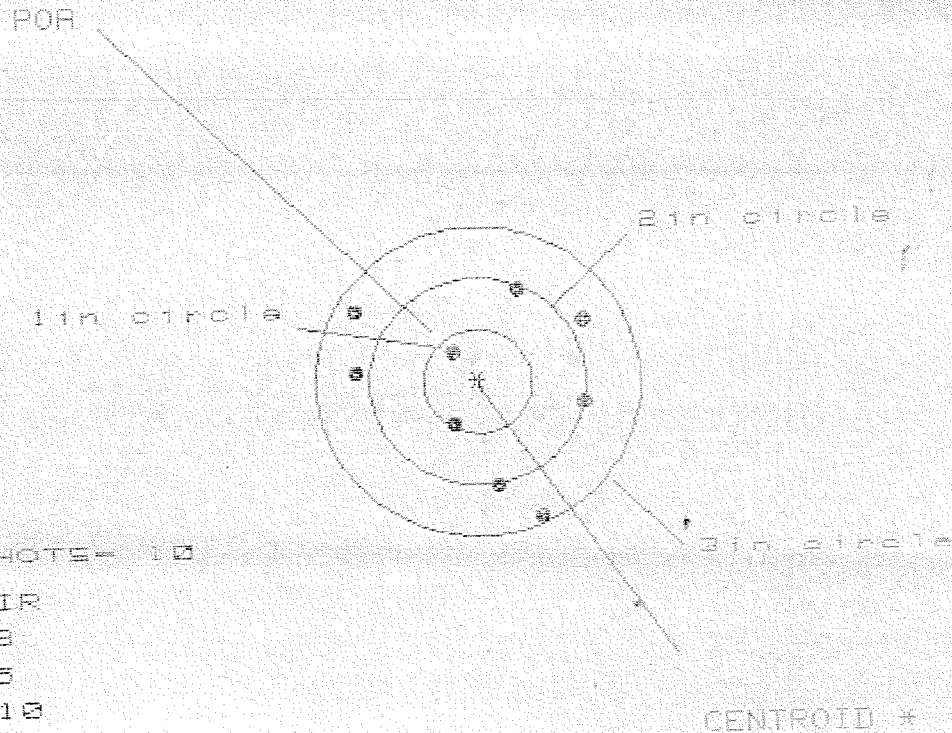
CENTROID #

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	3.003	.948	.764
MINIMUM X	-1.811	-1.478	-1.812
MAXIMUM Y	1.437	1.372	1.403
MINIMUM Y	-.938	-1.003	-.972
CENTROID X	.506	.173	.357
CENTROID Y	.054	.119	.008
POA TO CENTROID in.	.509	.210	.368
MIN RADIUS	.412	.276	.348
MEAN RADIUS	1.182	.930	.849
MAX RADIUS	3.059	1.499	1.403
HORIZONTAL SPREAD	4.814	2.426	1.576
VERTICAL SPREAD	2.375	2.375	2.375
EXTREME SPREAD	4.898	2.704	2.444
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	

29 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/0654B170

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

HS = 2.127

VS = 2.174

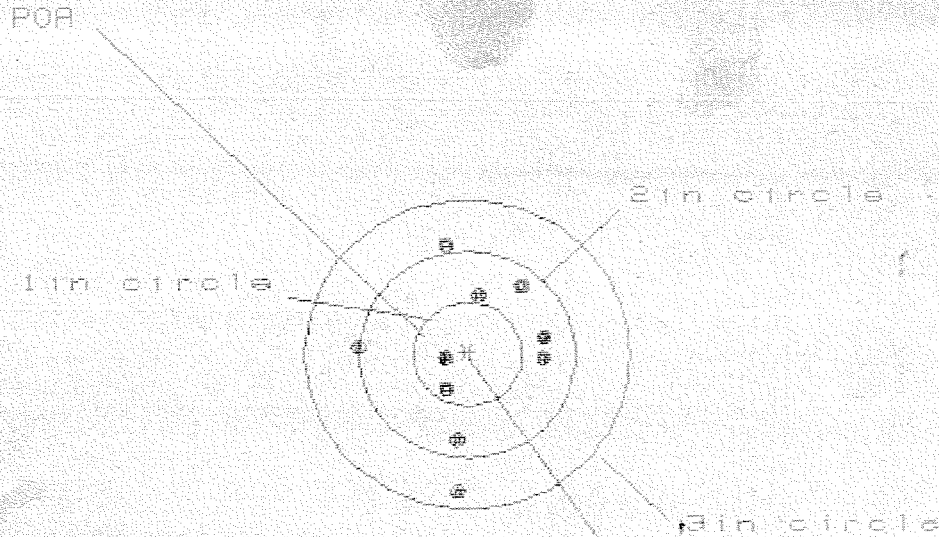
GS = 2.627

PATTERN #	3	3	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.972	1.032	.897
MINIMUM X	-1.155	-1.095	-1.231
MAXIMUM Y	.875	.730	.803
MINIMUM Y	-1.299	-1.153	-1.035
CENTROID X	.227	.167	.303
CENTROID Y	-.294	-.149	-.222
POA TO CENTROID in.	.371	.224	.375
MIN RADIUS	.381	.227	.369
MEAN RADIUS	.917	.836	.800
MAX RADIUS	1.406	1.226	1.231
HORIZONTAL SPREAD	2.127	2.127	2.127
VERTICAL SPREAD	2.174	1.888	1.888
EXTREME SPREAD	2.627	2.278	2.184
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

29 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/66B49170

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.745

VS= 2.410

GS= 2.412

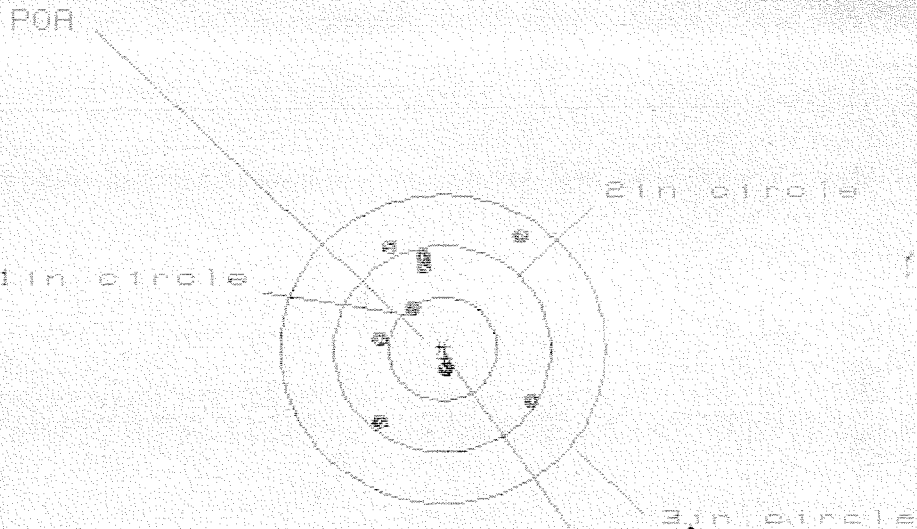
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.725	.712	.682
MINIMUM X	-1.020	-1.033	-1.063
MAXIMUM Y	1.046	.894	.614
MINIMUM Y	-1.365	-.945	-.833
CENTROID X	.202	.215	.245
CENTROID Y	.026	.178	.066
POA TO CENTROID in.	.204	.280	.253
MIN RADIUS	.230	.302	.279
MEAN RADIUS	.770	.694	.657
MAX RADIUS	1.370	1.036	1.063
HORIZONTAL SPREAD	1.745	1.745	1.745
VERTICAL SPREAD	2.410	1.839	1.447
EXTREME SPREAD	2.412	1.841	1.746
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

25 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/08649170

CENTERFIRE PATTERNS # 5



OF SHOTS - 10
 # IN CIR
 1 in = 2
 2 in = 7
 3 in = 9
 HS = 1.434
 VS = 3.987
 GS = 4.105

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.849	.929	1.023
MINIMUM X	:	-.585	-.585	-.411
MAXIMUM Y	:	1.089	.767	.790
MINIMUM Y	:	-2.898	-1.056	-.960
CENTROID X	:	-.017	-.097	-.191
CENTROID Y	:	.097	.419	.323
POA TO CENTROID in.	:	.099	.430	.376
MIN RADIUS	:	.171	.171	.172
MEAN RADIUS	:	1.024	.728	.674
MAX RADIUS	:	2.986	1.243	1.257
HORIZONTAL SPREAD	:	1.434	1.434	1.434
VERTICAL SPREAD	:	3.987	1.823	1.750
EXTREME SPREAD	:	4.105	2.215	2.046
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	