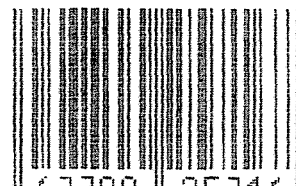


FORM

UPC



0 47700 25716 7

C6649171

INCLUDES 1 IN CHAMBER

M2400065696

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

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 TM M24

SERIAL NO.

C6649171

ORDER NO.

5716

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

28



5716 C6649171

ORDER 5716

MODEL 700 TM M24

UPC

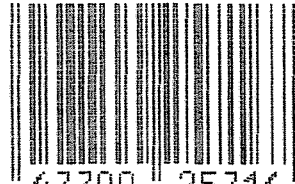
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649171

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

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 0.020	4 0.020	4 0.020			12-9-91	AC
	G) Safety Off Force	2	3	3			12-9-91	AC
	H) Trigger Pull Test & Retainability						12-9-91	SI
	I) Firing Pin Indent	.020	.020	.020			12-9-91	AC
	J) Assemble Stock						12/9/91	RW
	K) Assemble Swivel Studs						12-13-91	SI
	L) Attach Front and Rear Sight Assemblies						12/9/91	RW
	M) Iron Sight Alignment						12/9/91	RW
	N) Detach Front & Rear Sights & place in numbered container						12/9/91	RW
	O) Attach Scope to Rifle						12/9/91	RW
	P) Detach & Attach Scope 20 Times						12/9/91	RW
640	Gallery Target & Test						12-10-91	AC
	A) Time						12-10-91	AC
	B) Malfunctions						12-10-91	AC
	C) Pierced Primers						12-10-91	AC
	D) Optical Clarity of Scope						12-10-91	AC
645	Inspect for Live Ammo						12-10-91	AC
655	Final Inspection							
	A) Headspace						12-13-91	SI
	B) Trigger Pull	2.41	2.48	2.38	2.35	2.32	12-11-91	SI
	C) Function						12-13-91	SI
660	Pack						12-17-91	AC

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6649171
DATE 12-9-91
TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.46	2.40	2.41	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.47	2.44	2.48	
PULL #3	2.36	2.44	2.48	2.38	
PULL #4	2.33	2.44	2.43	2.35	
PULL #5	2.34	2.43	2.40	2.32	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.51		
PULL #2	3.54	3.50		
PULL #3	3.43	3.44		
PULL #4	3.41	3.40		
PULL #5	3.38	3.43		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.54	4.51		4.32
PULL #2	4.46	4.56		4.68
PULL #3	4.58	4.69		4.59
PULL #4	4.56	4.62		4.59
PULL #5	4.58	4.56		4.51
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649171
10 Dec 1991

CENTROIDAL DISTANCES

0 TO 1	.120154
1 TO 2	.881695
1 TO 3	.358615
1 TO 4	.646131
1 TO 5	.621961

$\frac{1}{2} s^2$ ----- POA

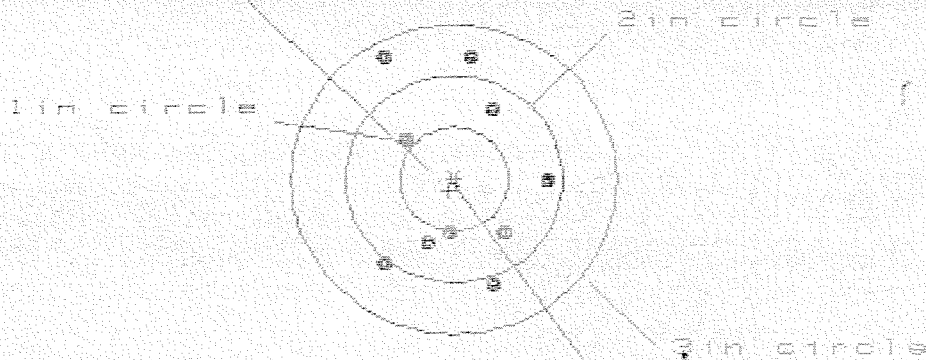
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4506
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.092
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .459396
THE AMR FOR THIS RIFLE IS: 1.035

10 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8645171

CENTERFIRE PATTERNS # 1

POA



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 1.536

VS= 2.186

GS= 2.408

CENTROID *

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.846	.770	.780
MINIMUM X	-.690	-.679	-.669
MAXIMUM Y	1.200	1.286	.978
MINIMUM Y	-.987	-.853	-.693
CENTROID X	.046	.122	.112
CENTROID Y	.111	-.023	-.183
POA TO CENTROID in.	.120	.124	.215
MIN RADIUS	.481	.362	.208
MEAN RADIUS	.862	.775	.670
MAX RADIUS	1.384	1.288	1.009
HORIZONTAL SPREAD	1.536	1.449	1.449
VERTICAL SPREAD	2.186	2.139	1.670
EXTREME SPREAD	2.408	2.145	1.774
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

10 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06649J71

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 0

2 in = 5

3 in = 8

HS = 1.999

VS = 3.300

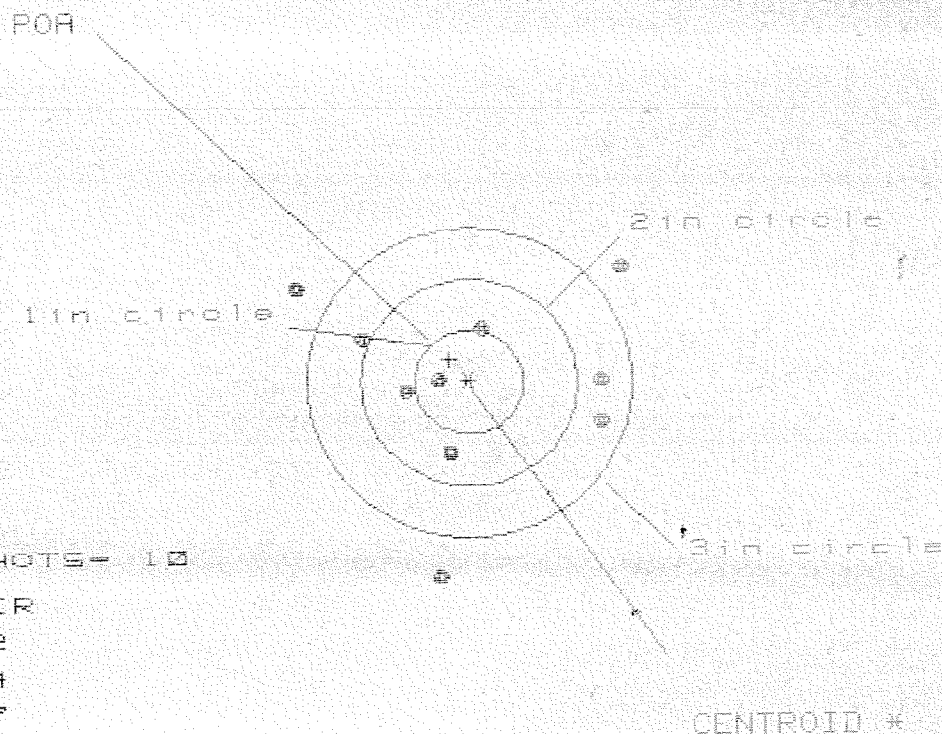
GS = 3.419

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.190	1.252	1.106
MINIMUM X	-.809	-.747	-.591
MAXIMUM Y	2.000	1.326	1.213
MINIMUM Y	-1.300	-1.077	-1.190
CENTROID X	.927	.865	.709
CENTROID Y	.076	-.147	-.034
POA TO CENTROID in.	.930	.878	.710
MIN RADIUS	.622	.554	.391
MEAN RADIUS	1.138	1.000	.897
MAX RADIUS	2.076	1.540	1.310
HORIZONTAL SPREAD	1.999	1.999	1.697
VERTICAL SPREAD	3.300	2.403	2.403
EXTREME SPREAD	3.419	2.926	2.432
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

18 Dec 1991

FILE: PATTERNING/CENTERFIRE_PATT/06648171

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 2

2in = 4

3in = 7

HS = 3.082

VS = 3.032

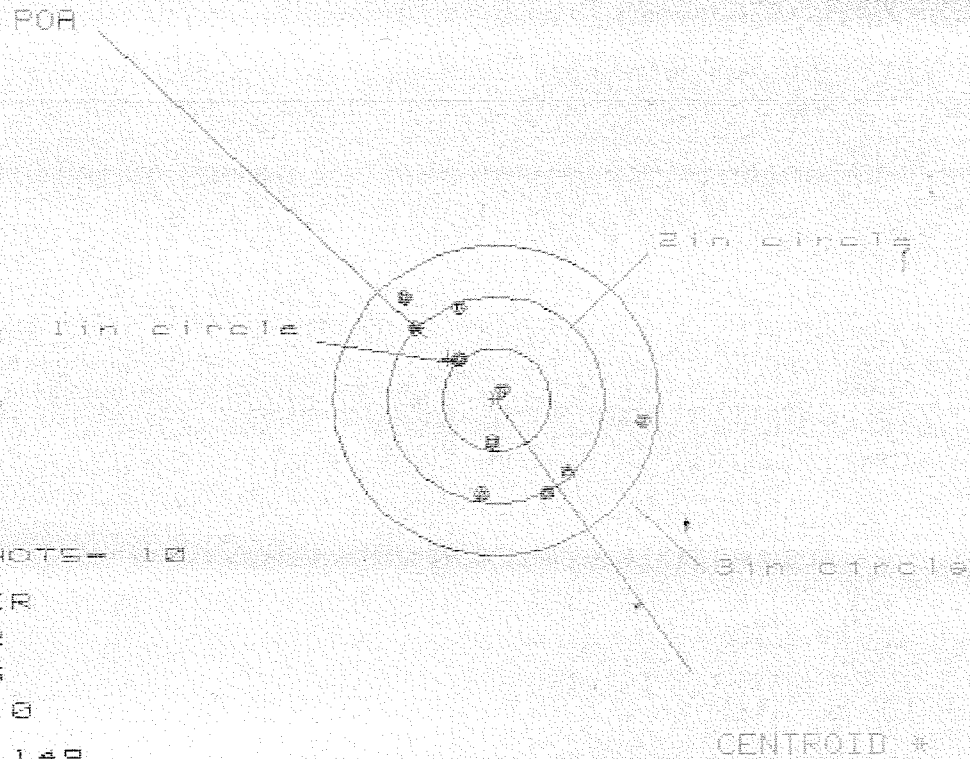
GS = 3.515

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.459	1.423	1.216
MINIMUM X	-1.623	-1.659	-1.268
MAXIMUM Y	1.137	.927	1.013
MINIMUM Y	-1.895	-.888	-.802
CENTROID X	.184	.220	.427
CENTROID Y	-.220	-.010	-.096
POA TO CENTROID in.	.287	.220	.438
MIN RADIUS	.303	.266	.393
MEAN RADIUS	1.125	1.030	.950
MAX RADIUS	1.922	1.797	1.583
HORIZONTAL SPREAD	3.082	3.082	2.484
VERTICAL SPREAD	3.032	1.815	1.815
EXTREME SPREAD	3.515	3.112	2.581
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

10 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CBB49171

CENTERFIRE PATTERNS # 4



* OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 2.149

VS= 1.925

GS= 2.452

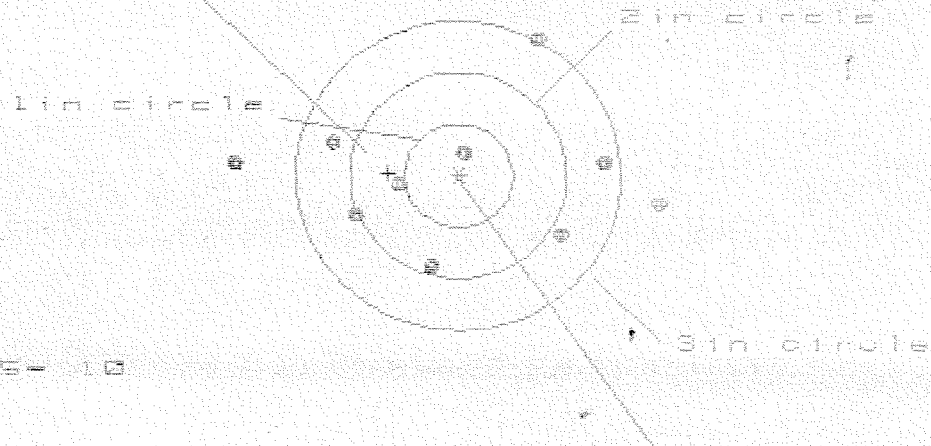
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.326	.807	.723
MINIMUM X	:	-.823	-.676	-.659
MAXIMUM Y	:	1.000	.980	1.003
MINIMUM Y	:	-.925	-.945	-.923
CENTROID X	:	.444	.297	.381
CENTROID Y	:	-.398	-.378	-.500
POA TO CENTROID in.	:	.596	.481	.629
MIN RADIUS	:	.134	.245	.253
MEAN RADIUS	:	.864	.807	.747
MAX RADIUS	:	1.338	1.190	1.057
HORIZONTAL SPREAD	:	2.149	1.483	1.382
VERTICAL SPREAD	:	1.925	1.925	1.826
EXTREME SPREAD	:	2.452	2.299	2.005
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

18 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649171

CENTERFIRE PATTERNS # 5

POA



OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 3.865

VS= 2.253

GS= 3.865

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.819	1.592	1.313
MINIMUM X	-2.046	-1.390	-1.192
MAXIMUM Y	1.355	1.365	1.334
MINIMUM Y	-.898	-.880	-.919
CENTROID X	.652	.879	.681
CENTROID Y	-.029	-.039	-.008
POA TO CENTROID in.	.653	.880	.681
MIN RADIUS	.246	.301	.220
MEAN RADIUS	1.186	1.097	.999
MAX RADIUS	2.048	1.611	1.522
HORIZONTAL SPREAD	3.865	2.982	2.505
VERTICAL SPREAD	2.253	2.253	2.253
EXTREME SPREAD	3.880	3.040	2.512
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		