

Small
©

FORM

UPC



C6665737

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400101949

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.

C6665737

ORDER NO.

5716

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

20



5716 C6665737

ORDER 5716

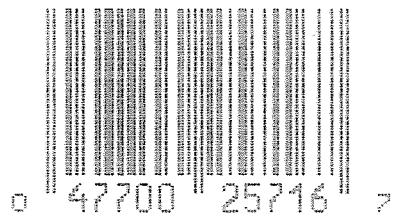
MODEL 700 TM M24

UPC

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665737

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 4 1991	KR
	Magnaflux Bolt		OCT 4 1991	KR
615	Rollmark Caliber		OCT 4 1991	LS.
617	Drill and Tap Sight Holes		OCT 4 1991	LB
618	Polish Barrel		10/8/91	WB
620	Apply Coatings (Barrel Action)		10-22-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/22/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/91	RW
	C) Inspect Ejector Hole for Chamfer		10/22/91	RW
	D) Oil Firing Pin Ass'y		10/22/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/23/91	JM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10/23/91	JH
	G) Safety Off Force	4	4	4			10/23/91	JH
	H) Trigger Pull Test & Retainability						10/23/91	JH
	I) Firing Pin Indent	1021	1021	1021			10/23/91	JH
	J) Assemble Stock						10/24/91	RW
	K) Assemble Swivel Studs						10-30-91	LT
	L) Attach Front and Rear Sight Assemblies						10/24/91	RW
	M) Iron Sight Alignment						10/24/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/24/91	RW
	O) Attach Scope to Rifle						10/24/91	RW
	P) Detach & Attach Scope 20 Times						10/24/91	RW
							10/24/91	RW
640	Gallery Target & Test						10-25-91	AC
	A) Time						10-25-91	AC
	B) Malfunctions						10-25-91	AC
	C) Pierced Primers						10-25-91	AC
	D) Optical Clarity of Scope						10-25-91	AC
645	Inspect for Live Ammo						10-25-91	AC
655	Final Inspection							
	A) Headspace						10-30-91	LT
	B) Trigger Pull	251	268	254	252	250	10-30-91	D/H
	C) Function						10-30-91	LT
660	Pack						12-18-91	LT

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6665737

DATE 10/23/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.23	2.46	251	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.32	2.40	2.43	268	
PULL #3	2.29	2.35	2.40	254	
PULL #4	2.38	2.40	2.38	252	
PULL #5	2.40	2.42	2.38	250	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.67	3.28		
PULL #2	3.40	3.34		
PULL #3	3.34	3.27		
PULL #4	3.34	3.32		
PULL #5	3.25	3.38		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.51	4.49		4.38
PULL #2	4.50	4.43		4.40
PULL #3	4.51	4.40		4.15
PULL #4	4.37	4.43		4.43
PULL #5	4.52	4.33		4.43
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665737
25 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.35856
1 TO	2	.648605
1 TO	3	.62131
1 TO	4	.403031
1 TO	5	.0666483

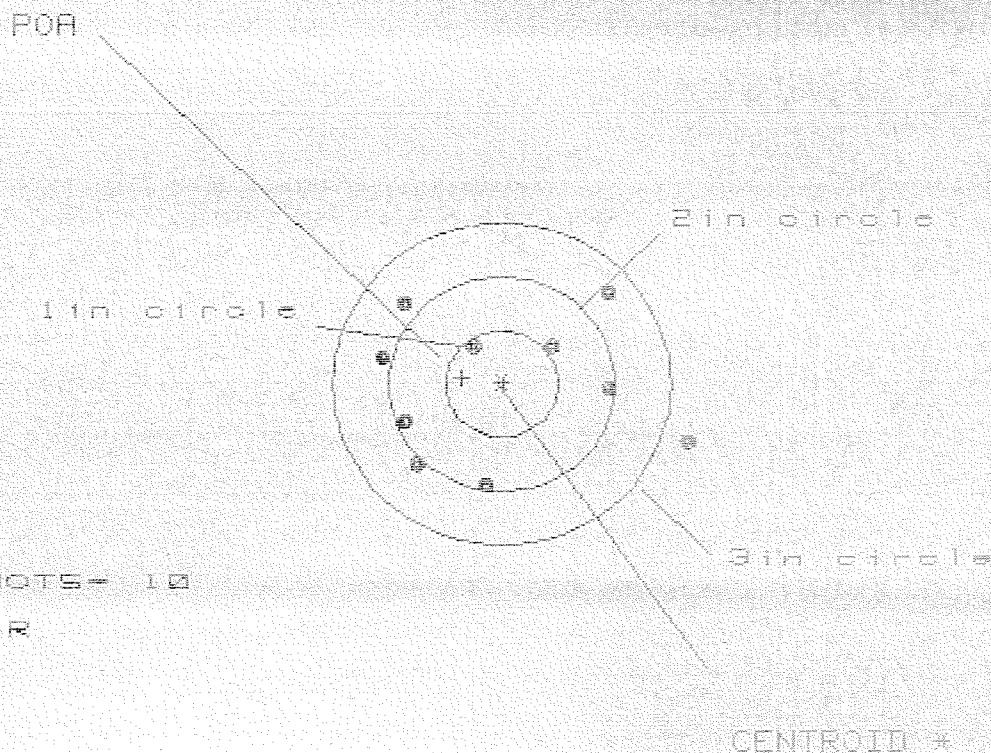
249 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .029
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0344
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0449929
THE AMR FOR THIS RIFLE IS: .9364

25 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/CG665737

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 2.699

VS = 1.837

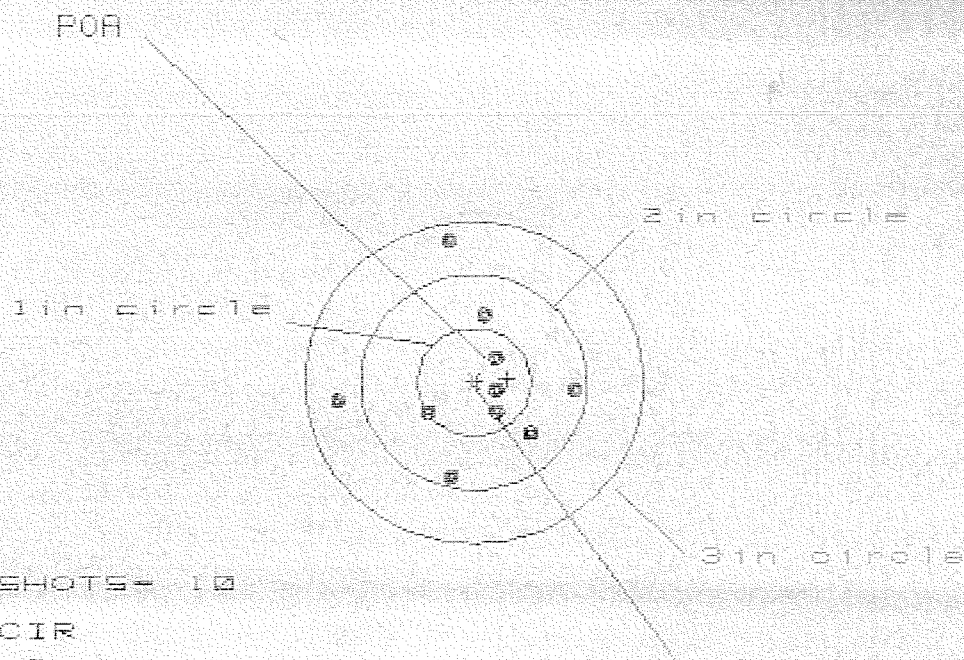
GS = 2.810

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.624	1.118	1.254
MINIMUM X	:	-1.075	-.895	-.758
MAXIMUM Y	:	.898	.834	.792
MINIMUM Y	:	-.939	-1.003	-.898
CENTROID X	:	.354	.174	.038
CENTROID Y	:	-.057	.007	-.098
POA TO CENTROID in.	:	.359	.174	.105
MIN RADIUS	:	.434	.309	.418
MEAN RADIUS	:	1.011	.904	.831
MAX RADIUS	:	1.721	1.373	1.255
HORIZONTAL SPREAD	:	2.699	2.013	2.013
VERTICAL SPREAD	:	1.837	1.837	1.690
EXTREME SPREAD	:	2.810	2.323	2.028
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

25 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/06665797

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS= 2.086

VS= 2.259

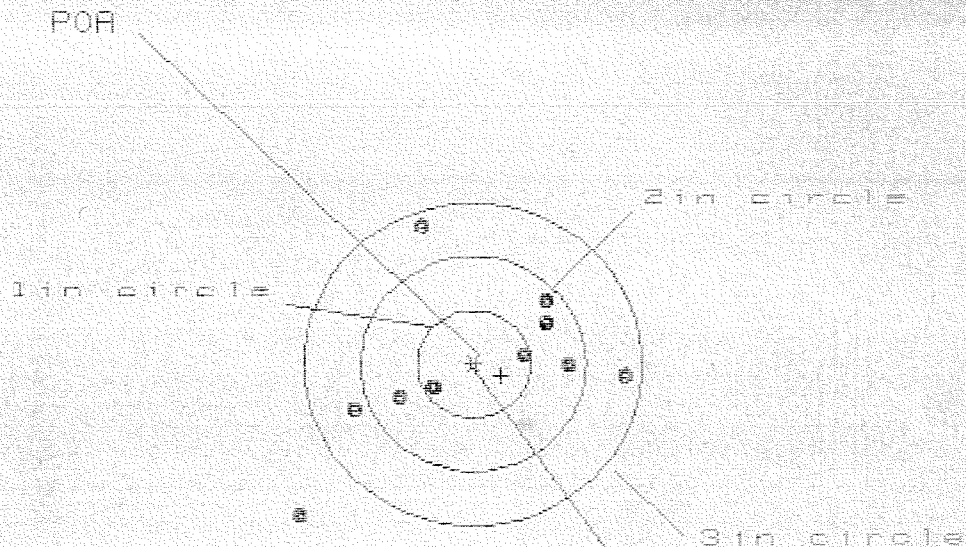
GS= 2.259

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.859	.838	.682
MINIMUM X	-1.227	-1.248	-.610
MAXIMUM Y	1.363	.741	.741
MINIMUM Y	-.896	-.744	-.744
CENTROID X	-.294	-.273	-.117
CENTROID Y	-.029	-.181	-.181
POA TO CENTROID in.	.295	.327	.216
MIN RADIUS	.184	.131	.050
MEAN RADIUS	.699	.601	.480
MAX RADIUS	1.375	1.248	.829
HORIZONTAL SPREAD	2.086	2.086	1.292
VERTICAL SPREAD	2.259	1.485	1.485
EXTREME SPREAD	2.259	2.087	1.521
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

25 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C8665787

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.881

VS= 2.655

GS= 3.152

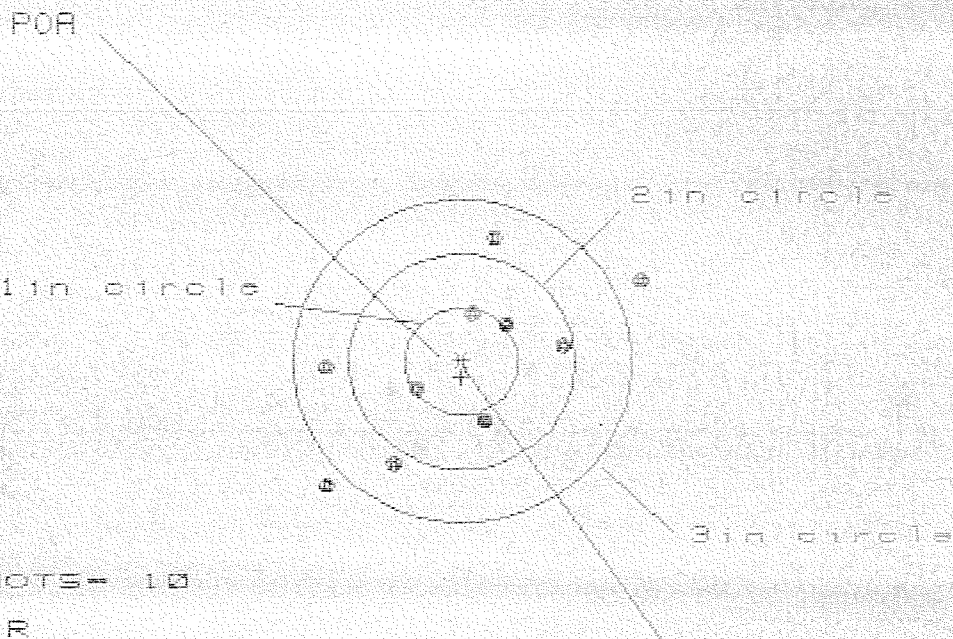
CENTROID +

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.355	1.186	.890
MINIMUM X	:	-1.526	-1.250	-1.102
MAXIMUM Y	:	1.267	1.113	1.080
MINIMUM Y	:	-1.388	-.522	-.555
CENTROID X	:	-.245	-.076	-.224
CENTROID Y	:	.100	.262	.295
POA TO CENTROID in.	:	.268	.273	.370
MIN RADIUS	:	.396	.297	.448
MEAN RADIUS	:	.996	.838	.806
MAX RADIUS	:	2.062	1.355	1.234
HORIZONTAL SPREAD	:	2.881	2.436	1.932
VERTICAL SPREAD	:	2.655	1.635	1.635
EXTREME SPREAD	:	3.152	2.450	1.974
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

25 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6665737

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 2.811

VS = 2.250

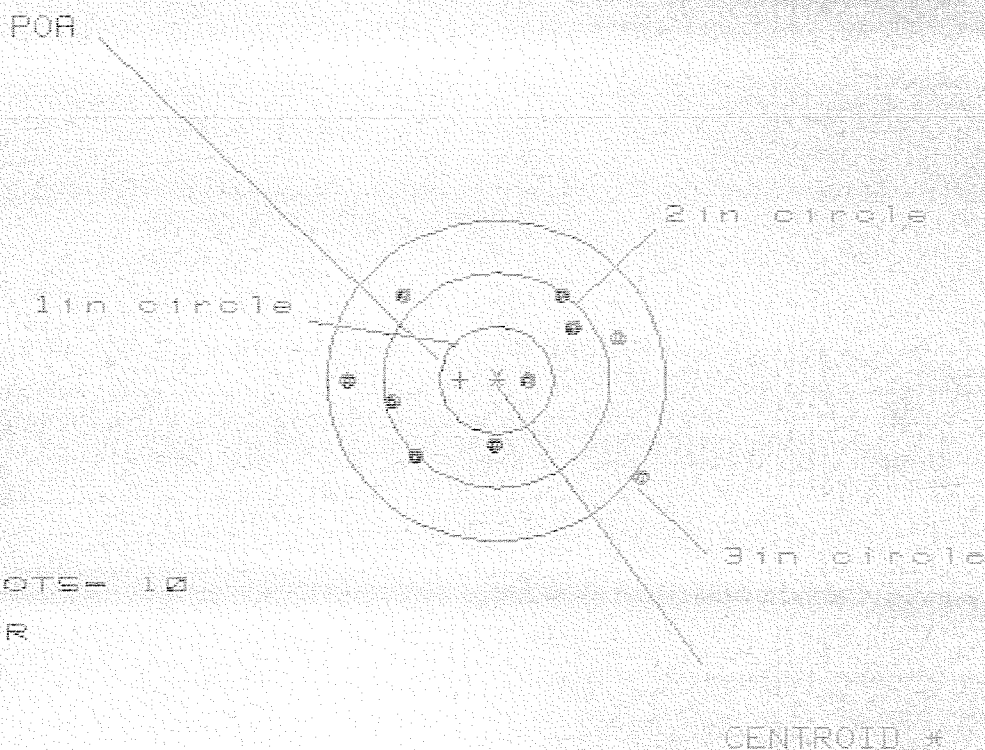
GS = 3.379

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.586	1.027	.896
MINIMUM X	:	-1.225	-1.049	-1.179
MAXIMUM Y	:	1.137	1.221	1.093
MINIMUM Y	:	-1.113	-1.029	-.999
CENTROID X	:	.007	-.169	-.038
CENTROID Y	:	.148	.064	.192
POA TO CENTROID in.	:	.148	.181	.196
MIN RADIUS	:	.468	.274	.456
MEAN RADIUS	:	.987	.895	.807
MAX RADIUS	:	1.759	1.469	1.184
HORIZONTAL SPREAD	:	2.811	2.076	2.075
VERTICAL SPREAD	:	2.250	2.250	2.092
EXTREME SPREAD	:	3.379	2.710	2.264
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06685737

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.613

VS= 1.652

GS= 2.740

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.265	1.202	1.051
MINIMUM X	:	-1.348	-1.207	-.905
MAXIMUM Y	:	.792	.696	.690
MINIMUM Y	:	-.860	-.805	-.921
CENTROID X	:	.323	.182	.333
CENTROID Y	:	.002	.098	.114
POA TO CENTROID in.	:	.323	.207	.352
MIN RADIUS	:	.305	.463	.328
MEAN RADIUS	:	.989	.932	.876
MAX RADIUS	:	1.530	1.235	1.116
HORIZONTAL SPREAD	:	2.613	2.409	1.956
VERTICAL SPREAD	:	1.652	1.501	1.501
EXTREME SPREAD	:	2.740	2.445	2.111
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	