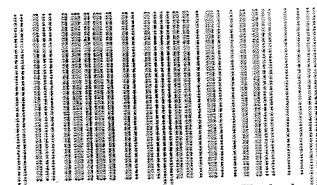


BARBER - M24 0102120

Speed®

FORM

UPC



0 47700 25716 7

INCLUDES 1 IN CHAMPION
C6665755

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0102120 M2400102159

BARBER - M24 0102121

ORDER NO. 5716

BARREL LENGTH

MODEL 700 T1 M24

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0102121 0102160

BARBER - M24 0102122

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665755

ORDER NO.

5716

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



5716 C6665755

ORDER 5716

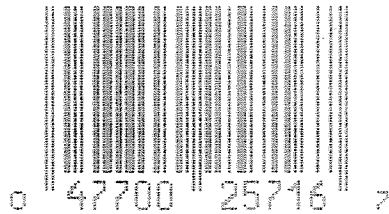
MODEL 700 TM M24

UPC

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665755

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/23/91	KL
600	Proof		9/23/91	KL
607	Check Headspace		9/23/91	KL
610	Dis-assemble Gun		9/23/91	KL
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	KB
618	Polish Barrel		OCT 2 1991	WB
620	Apply Coatings (Barrel Action)		11-2-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/8/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/91	KL
	C) Inspect Ejector Hole for Chamfer		10/8/91	KL
	D) Oil Firing Pin Ass'y		10/8/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		10/9/91	KL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	7	6			10-9-91	AC
	G) Safety Off Force	3	4	4			10-9-91	AC
	H) Trigger Pull Test & Retainability						10/9/91	JH
	I) Firing Pin Indent	.021	.022	.020			10-9-91	AC
	J) Assemble Stock						10/11/91	RW
	K) Assemble Swivel Studs						10-17-91	AC
	L) Attach Front and Rear Sight Assemblies						10/11/91	RW
	M) Iron Sight Alignment						10/11/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/11/91	RW
	O) Attach Scope to Rifle						10/11/91	RW
	P) Detach & Attach Scope 20 Times						10/11/91	RW
640	Gallery Target & Test						10-14-91	AC
	A) Time						10-14-91	AC
	B) Malfunctions						10-14-91	AC
	C) Pierced Primers						10-14-91	AC
	D) Optical Clarity of Scope						10-14-91	AC
645	Inspect for Live Ammo						10-14-91	AC
655	Final Inspection							
	A) Headspace						10-17-91	AC
	B) Trigger Pull	269	279	279	279	279	10-14-91	DH
	C) Function						10-17-91	AC
660	Pack						12-18-91	NF

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

SERIAL NO. C-6665 755DATE 10-9-91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.28	2.39	2.69	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.26	2.48	2.79	
PULL #3	2.22	2.48	2.55	2.79	
PULL #4	2.23	2.61	2.50	2.79	
PULL #5	2.29	2.51	2.54	2.79	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.51		
PULL #2	3.32	3.40		
PULL #3	3.54	3.51		
PULL #4	3.47	3.48		
PULL #5	3.41	3.55		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.45		4.42
PULL #2	4.29	4.52		4.39
PULL #3	4.29	4.51		4.51
PULL #4	4.31	4.46		4.35
PULL #5	4.54	4.44		4.41
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665755
14 Oct 1991

CENTROIDAL DISTANCES

0 TO 1	.224379
1 TO 2	.238833
1 TO 3	.139474
1 TO 4	.31232
1 TO 5	.191588

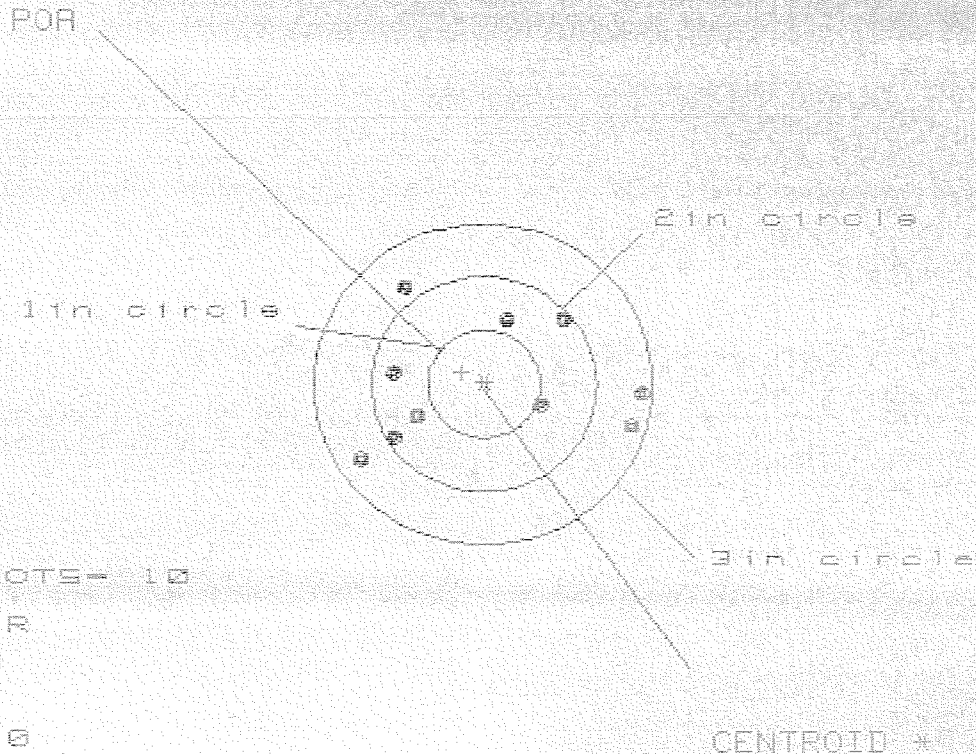
←----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0252
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.088
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0915371
THE AMR FOR THIS RIFLE IS: .977

14 Oct 1991

FILE: /PATTERNING/CENTERFIRE_PATT/08665755

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 0

2in = 6

3in = 10

HS= 2.532

VS= 1.670

GS= 2.612

CENTROID *

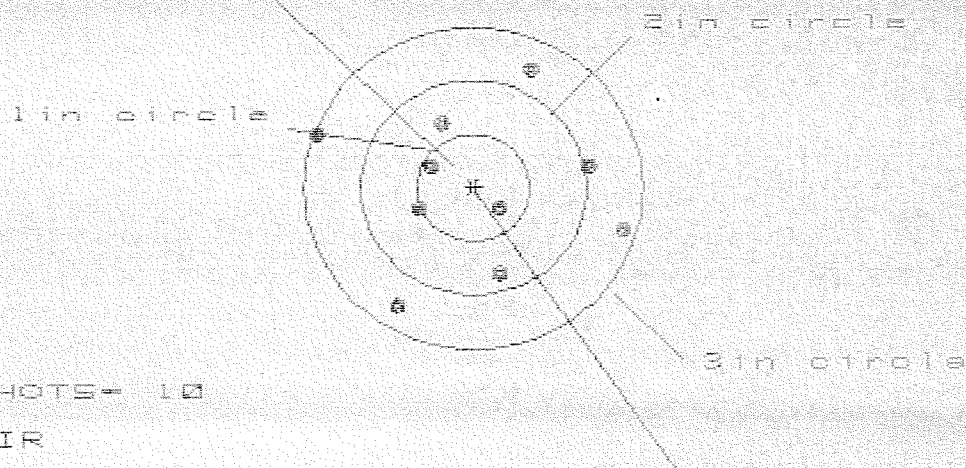
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.440	1.424	1.013
MINIMUM X	-1.092	-.932	-.754
MAXIMUM Y	.960	.952	.980
MINIMUM Y	-.710	-.718	-.770
CENTROID X	.195	.035	-.143
CENTROID Y	-.111	-.103	-.051
POR TO CENTROID in.	.224	.109	.152
MIN RADIUS	.500	.574	.456
MEAN RADIUS	.975	.908	.809
MAX RADIUS	1.442	1.484	1.138
HORIZONTAL SPREAD	2.532	2.356	1.767
VERTICAL SPREAD	1.670	1.670	1.670
EXTREME SPREAD	2.612	2.419	2.187
NUMBER IN ONE INCH CIRCLE	= 0		
NUMBER IN TWO INCH CIRCLE	= 6		
NUMBER IN THREE INCH CIRCLE	= 10		

14 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06065755

CENTERFIRE PATTERNS # 2

POA



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS= 2.633

VS= 2.215

GS= 2.793

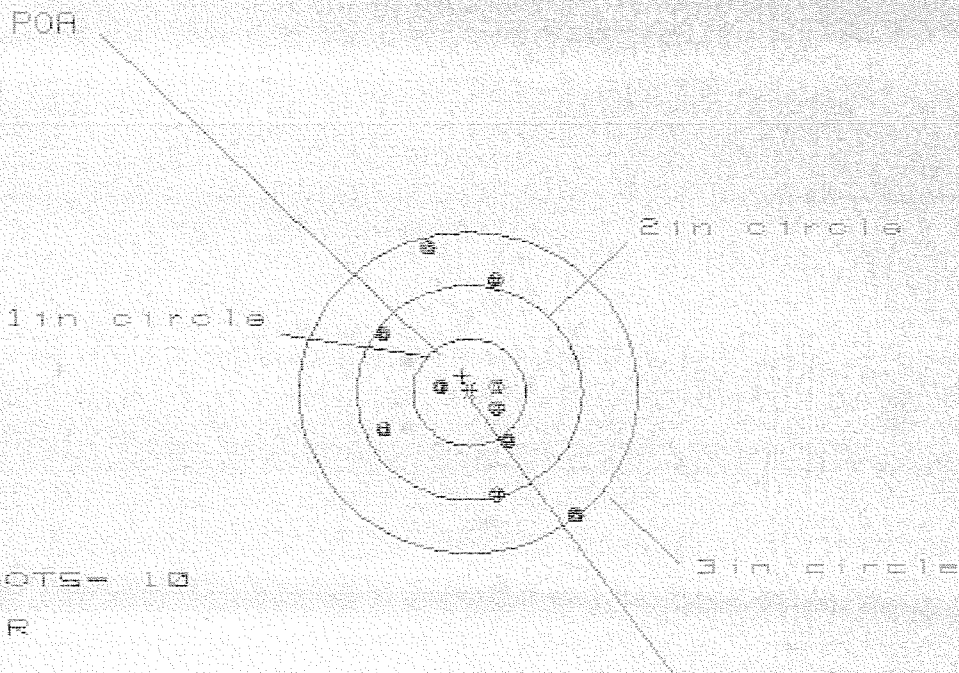
CENTROID #

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.278	1.127	1.031
MINIMUM X	-1.355	-.860	-.719
MAXIMUM Y	1.089	1.149	1.107
MINIMUM Y	-1.126	-1.066	-1.108
CENTROID X	-.020	.131	-.010
CENTROID Y	-.007	-.067	-.025
POA TO CENTROID in.	.021	.147	.027
MIN RADIUS	.255	.124	.236
MEAN RADIUS	.912	.844	.790
MAX RADIUS	1.458	1.370	1.321
HORIZONTAL SPREAD	2.633	1.987	1.750
VERTICAL SPREAD	2.215	2.215	2.215
EXTREME SPREAD	2.793	2.535	2.535
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

14 Oct 1991

FILE: /PATTERNING/CENTERFIRE_PATT/C8865755

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 1.753

VS= 2.476

GS= 2.807

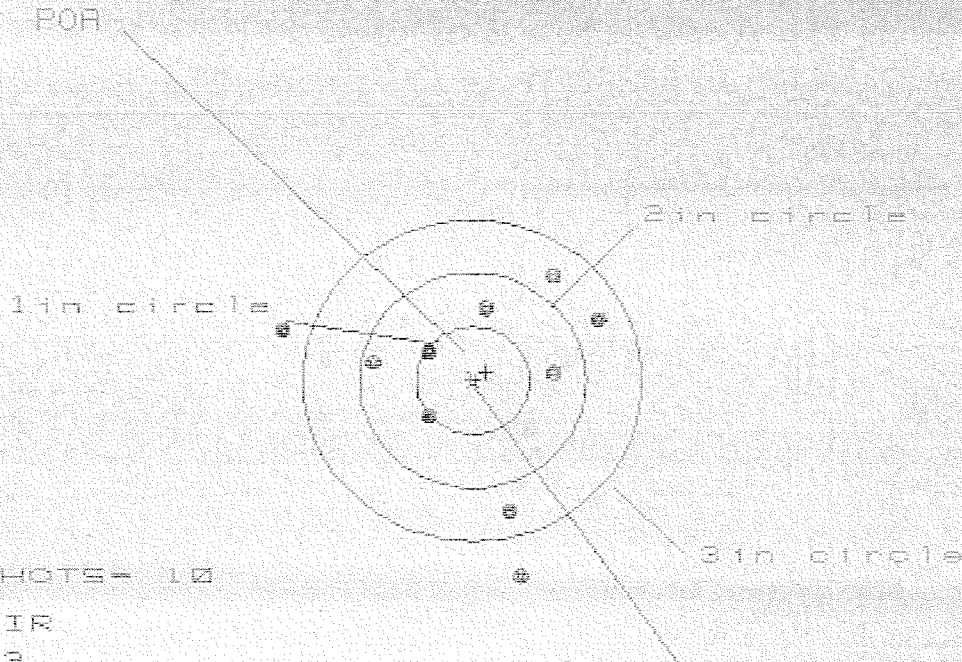
CENTROID #

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.957	.432	.399
MINIMUM X	-.796	-.690	-.723
MAXIMUM Y	1.340	1.214	1.093
MINIMUM Y	-1.136	-1.097	-.945
CENTROID X	.062	-.044	-.011
CENTROID Y	-.153	-.027	-.179
POA TO CENTROID in.	.166	.052	.179
MIN RADIUS	.275	.219	.233
MEAN RADIUS	.813	.744	.657
MAX RADIUS	1.485	1.242	1.129
HORIZONTAL SPREAD	1.753	1.122	1.122
VERTICAL SPREAD	2.476	2.311	2.038
EXTREME SPREAD	2.807	2.378	2.038
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

14 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06883755

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 3

CENTROID *

HS= 2.800

VS= 2.802

GS= 3.111

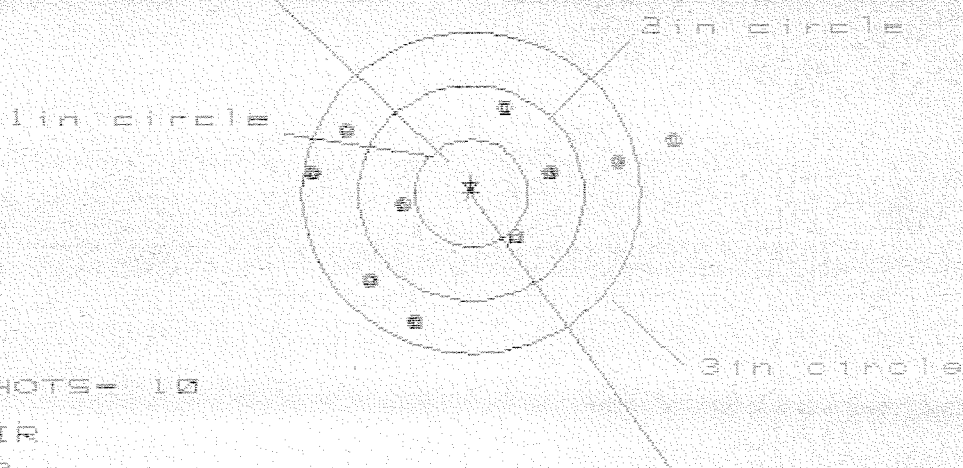
PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.096	1.143	.936
MINIMUM X	-1.704	-1.657	-1.092
MAXIMUM Y	1.006	.807	.841
MINIMUM Y	-1.796	-1.456	-1.423
CENTROID X	-.115	-.162	.045
CENTROID Y	-.073	.126	.092
POA TO CENTROID in.	.136	.205	.103
MIN RADIUS	.442	.359	.520
MEAN RADIUS	1.071	.956	.863
MAX RADIUS	1.846	1.679	1.429
HORIZONTAL SPREAD	2.800	2.800	2.028
VERTICAL SPREAD	2.802	2.263	2.263
EXTREME SPREAD	3.111	2.802	2.309
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 8		

14 Oct 1991

FILE: \PATTERNING\CENTERFIRE_PATT\08665755

CENTERFIRE PATTERNS # 5

POB



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 9

HS= 3.242

VS= 2.062

GS= 3.252

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.824	1.503	1.351
MINIMUM X	-1.418	-1.215	-1.015
MAXIMUM Y	.834	.887	.921
MINIMUM Y	-1.228	-1.175	-1.141
CENTROID X	.004	-.199	-.047
CENTROID Y	-.096	-.149	-.183
POB TO CENTROID in.	.096	.248	.189
MIN RADIUS	.578	.369	.513
MEAN RADIUS	1.114	1.010	.973
MAI RADIUS	1.885	1.547	1.410
HORIZONTAL SPREAD	3.242	2.718	2.366
VERTICAL SPREAD	2.062	2.062	2.062
EXTREME SPREAD	3.252	2.720	2.492
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	