

Small
©

FORM

UPC



06655752

CONFIDENTIAL

MODEL 700 TM M24

ORDER NO.

5716

BARREL LENGTH

0.000000

Remington



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

MODEL 700 TM M24

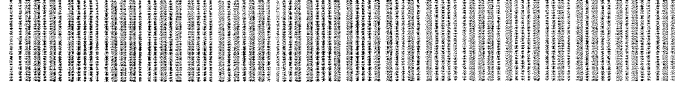
SERIAL NO.

C6665752

ORDER NO.

5716

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



5716 C6665752

ORDER 5716

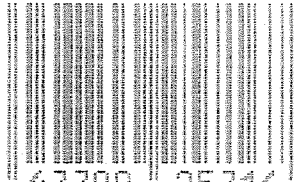
MODEL 700 TM M24

UPC

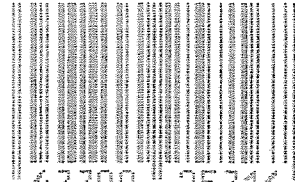
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665752

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	9 26 91	RW
600	Proof		9 26 91	RW
607	Check Headspace		9 26 91	RW
610	Dis-assemble Gun		9 26 81	RW
612	Magnaflux Barrel Action		SEP 30 1991	KR
	Magnaflux Bolt		SEP 30 1991	KR
615	Rollmark Caliber		SEP 30 1991	GL
617	Drill and Tap Sight Holes		SEP 30 1991	KB
618	Polish Barrel		OCT 2 1991	WT
620	Apply Coatings (Barrel Action)		10-13-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/13/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/13/91	RW
	C) Inspect Ejector Hole for Chamfer		10/13/91	RW
	D) Oil Firing Pin Ass'y		10/13/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/22/91	GL

op. #	0 BARBER - M24 0102088	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5 $\frac{3}{4}$	6	6 $\frac{1}{4}$	10-22-91	DH		
	G) Safety Off Force	2 $\frac{1}{4}$	2	2	10-22-91	DH		
	H) Trigger Pull Test & Retainability				10/22/91	JH		
	I) Firing Pin Indent	.021	.020	.020	10-22-91	DH		
	J) Assemble Stock				10/23/91	RW		
	K) Assemble Swivel Studs				10-30-91	AC		
	L) Attach Front and Rear Sight Assemblies				10/23/91	RW		
	M) Iron Sight Alignment				10/23/91	RW		
	N) Detach Front & Rear Sights & place in numbered container				10/23/91	RW		
	O) Attach Scope to Rifle				10/23/91	RW		
	P) Detach & Attach Scope 20 Times				10/23/91	RW		
640	Gallery Target & Test				10/23/91	LT		
	A) Time				"	LT		
	B) Malfunctions				"	LT		
	C) Pierced Primers				"	LT		
	D) Optical Clarity of Scope				"	LT		
645	Inspect for Live Ammo				10/23/91	LT		
655	Final Inspection							
	A) Headspace				10-30-91	AC		
	B) Trigger Pull	2.50	2.57	2.70	2.73	2.70	10-25-91	DH
	C) Function						10-30-91	AC
660	Pack						12-20-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C-6665752

DATE 10/22/91

TESTER JF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.25	2.27	2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.25	2.20	2.57	
PULL #3	2.39	2.24	2.28	2.70	
PULL #4	2.45	2.23	2.18	2.73	
PULL #5	2.27	2.23	2.25	2.70	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.32		
PULL #2	3.43	3.24		
PULL #3	3.31	3.22		
PULL #4	3.41	3.28		
PULL #5	3.39	3.28		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.40		4.33
PULL #2	4.34	4.45		4.26
PULL #3	4.32	4.39		4.33
PULL #4	4.28	4.25		4.26
PULL #5	4.34	4.30		4.20
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665752
23 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.1114215
1 TO	2	.248485
1 TO	3	.215037
1 TO	4	.517487
1 TO	5	.166715

5
4
3
2
1
0
←----POA

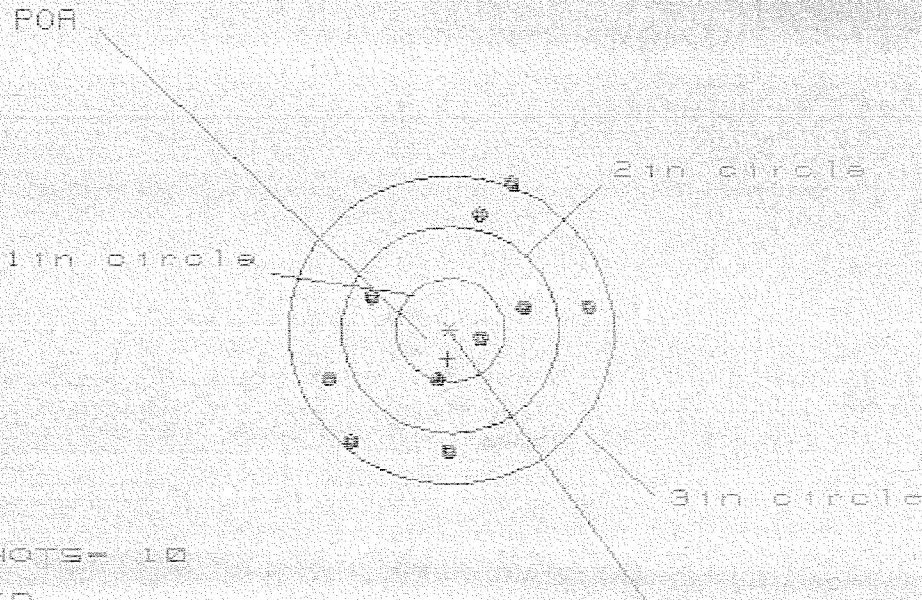
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0758
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0254
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0799425

THE AMR FOR THIS RIFLE IS: 1.002

23 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/06685752

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 2.412

VS= 2.559

GS= 2.912

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.252	1.315	1.313
MINIMUM X	-1.160	-1.097	-1.199
MAXIMUM Y	1.421	1.317	1.198
MINIMUM Y	-1.138	-1.988	-1.099
CENTROID X	.028	-.035	.067
CENTROID Y	.277	.119	.238
POA TO CENTROID in.	.279	.124	.247
MIN RADIUS	.233	.307	.188
MEAN RADIUS	1.005	.932	.881
MAX RADIUS	1.531	1.365	1.291
HORIZONTAL SPREAD	2.412	2.412	2.412
VERTICAL SPREAD	2.559	2.297	2.297
EXTREME SPREAD	2.912	2.533	2.519
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

23 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08665752

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS= 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

HS= 1.122

VS= 2.710

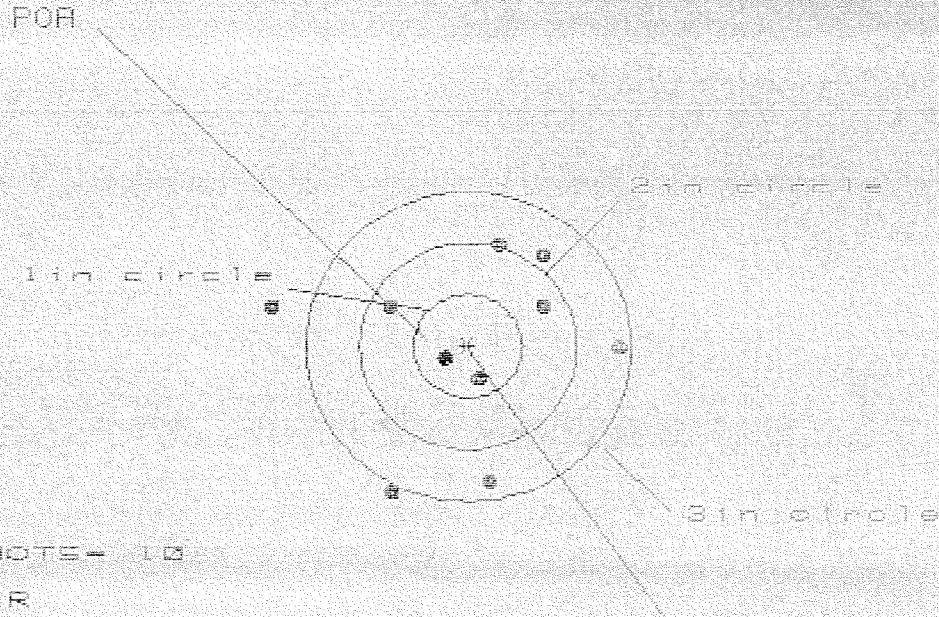
GS= 2.714

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.562	.540	.550
MINIMUM X	:	-.560	-.574	-.572
MAXIMUM Y	:	1.237	1.074	.573
MINIMUM Y	:	-1.473	-.695	-.561
CENTROID X	:	-.075	-.061	-.063
CENTROID Y	:	-.399	-.236	-.370
POA TO CENTROID in.	:	.406	.244	.375
MIN RADIUS	:	.222	.079	.191
MEAN RADIUS	:	.670	.550	.493
MAX RADIUS	:	1.478	1.074	.801
HORIZONTAL SPREAD	:	1.122	1.122	1.122
VERTICAL SPREAD	:	2.710	1.769	1.134
EXTREME SPREAD	:	2.714	1.865	1.364
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

28 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CAB685752

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 3.242

VS= 2.466

GS= 3.267

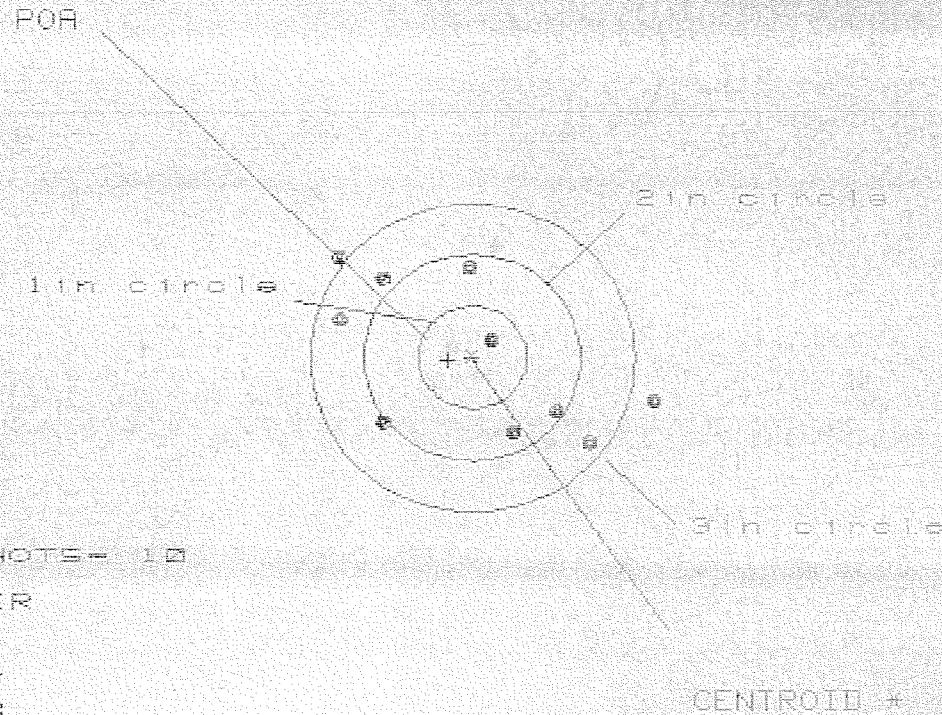
CENTROID #

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.432
MINIMUM X	-1.810
MAXIMUM Y	1.033
MINIMUM Y	-1.433
CENTROID X	.208
CENTROID Y	.110
POA TO CENTROID in.	.236
MIN RADIUS	.242
MEAN RADIUS	1.059
MAX RADIUS	1.857
HORIZONTAL SPREAD	3.242
VERTICAL SPREAD	2.466
EXTREME SPREAD	3.267
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	8

23 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665752

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 2.866

VS= 1.807

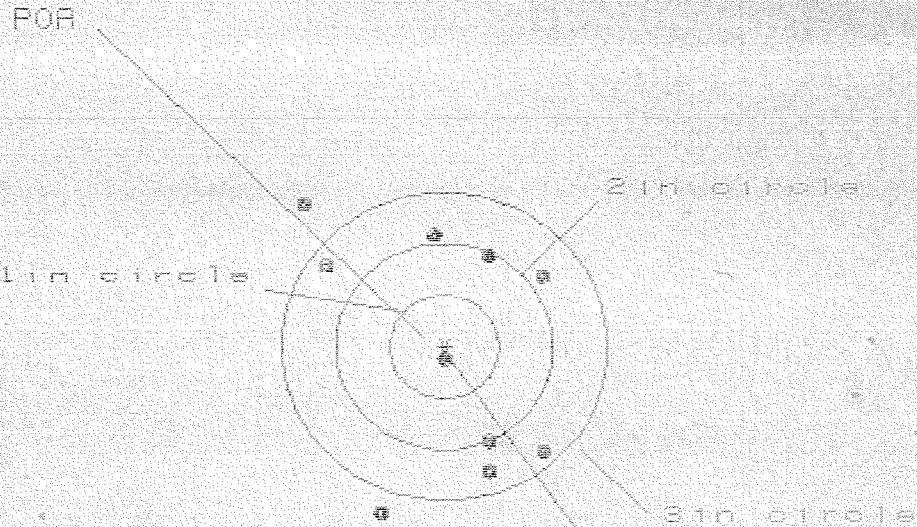
GS= 3.213

PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	1.636
MINIMUM X	-1.230
MAXIMUM Y	1.012
MINIMUM Y	-0.795
CENTROID X	.225
CENTROID Y	.025
POA TO CENTROID in.	.226
MIN RADIUS	.271
MEAN RADIUS	1.095
MAX RADIUS	1.694
HORIZONTAL SPREAD	2.866
VERTICAL SPREAD	1.807
EXTREME SPREAD	3.213
NUMBER IN ONE INCH CIRCLE	1
NUMBER IN TWO INCH CIRCLE	4
NUMBER IN THREE INCH CIRCLE	8

23 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6665752

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 8

HS= 2.146

VS= 2.968

GS= 3.153

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.898	.760	.671
MINIMUM X	-1.248	-1.181	-1.270
MAXIMUM Y	1.381	1.271	1.092
MINIMUM Y	-1.587	-1.434	-1.275
CENTROID X	-.007	.131	.220
CENTROID Y	.114	-.039	.140
POA TO CENTROID in.	.115	.137	.261
MIN RADIUS	.143	.113	.261
MEAN RADIUS	1.181	1.081	1.015
MAX RADIUS	1.881	1.601	1.468
HORIZONTAL SPREAD	2.146	1.941	1.941
VERTICAL SPREAD	2.968	2.705	2.367
EXTREME SPREAD	3.153	2.743	2.569
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	8		