

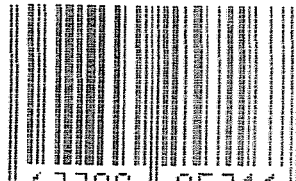
BARREL LENGTH

CAPACITY*

*INCLUDES 1 IN CHAMBER

6665948

UPC



0 47700 25716 7

FORM

MODEL 700 TM M24

ORDER NO.

5716

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665948

ORDER NO.

5716

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

20



5716 C6665948

ORDER 5716

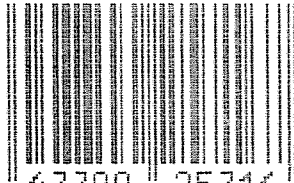
MODEL 700 TM M24

UPC

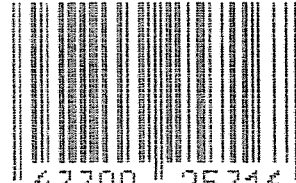
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665948

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/24/91	KH
600	Proof		9/24/91	KH
607	Check Headspace		9/24/91	KH
610	Dis-assemble Gun		9/24/91	KH
612	Magnaflux Barrel Action	OCT 2	1991	KR
	Magnaflux Bolt	OCT 2	1991	KR
615	Rollmark Caliber	OCT 2	1991	GL
617	Drill and Tap Sight Holes	OCT 2	1991	FB
618	Polish Barrel	OCT	4 1991	WB
620	Apply Coatings (Barrel Action)		10-14-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/16/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/16/91	KH
	C) Inspect Ejector Hole for Chamfer		10/16/91	KH
	D) Oil Firing Pin Ass'y		10/16/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		10/17/91	SM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5 $\frac{1}{2}$	5 $\frac{1}{2}$			10-17-91	DH
	G) Safety Off Force	3	2 $\frac{3}{4}$	2 $\frac{3}{4}$			10-17-91	DH
	H) Trigger Pull Test & Retainability						10/17/91	JK
	I) Firing Pin Indent	.021	.020	.021			10-17-91	DH
	J) Assemble Stock						10/23/91	JK
	K) Assemble Swivel Studs						10-30-91	AC
	L) Attach Front and Rear Sight Assemblies						10/23/91	JK
	M) Iron Sight Alignment						10/23/91	JK
	N) Detach Front & Rear Sights & place in numbered container						10/23/91	JK
	O) Attach Scope to Rifle						10/23/91	JK
	P) Detach & Attach Scope 20 Times						10/23/91	JK
640	Gallery Target & Test						10-24-91	JK
	A) Time						11	JK
	B) Malfunctions						11	JK
	C) Pierced Primers						11	JK
	D) Optical Clarity of Scope						11	JK
645	Inspect for Live Ammo						10-24-91	JK
655	Final Inspection							
	A) Headspace						10-30-91	AC
	B) Trigger Pull	272	273	242	265	276	10-28-91	DH
	C) Function						10-30-91	AC
660	Pack						12/8/91	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6665948
DATE 10/17/91
TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.56	2.54	2.72	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.19	2.33	2.50	2.73	
PULL #3	2.20	2.50	2.48	2.42	
PULL #4	2.54	2.57	2.55	2.65	
PULL #5	2.55	2.57	2.58	2.76	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.51		
PULL #2	3.45	3.50		
PULL #3	3.46	3.50		
PULL #4	3.53	3.48		
PULL #5	3.37	3.53		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.48	4.30		4.51
PULL #2	4.43	4.31		4.41
PULL #3	4.45	4.45		4.47
PULL #4	4.34	4.39		4.49
PULL #5	4.24	4.34		4.41
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665348
24 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.400712
1 TO	2	.347022
1 TO	3	.20036
1 TO	4	.286295
1 TO	5	.436483

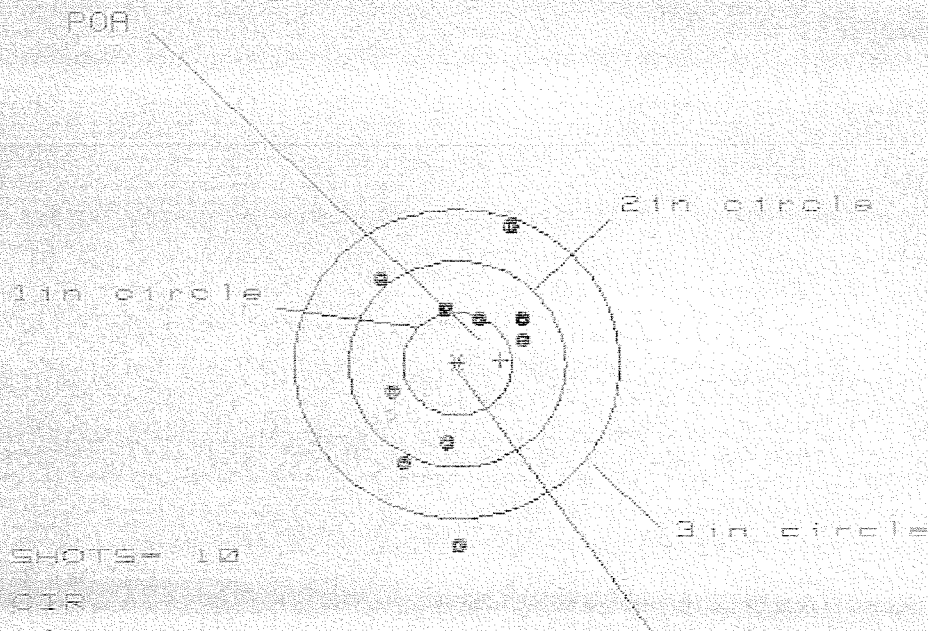
23 $\frac{1}{4}$ $\leftarrow$ ---FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3444
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.046
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .347458
THE AMR FOR THIS RIFLE IS: .942

24 Oct 1991

FILE://PATTERNING/CENTERFIRE_PATT/C8685948

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 1.362

VS= 3.113

GS= 3.167

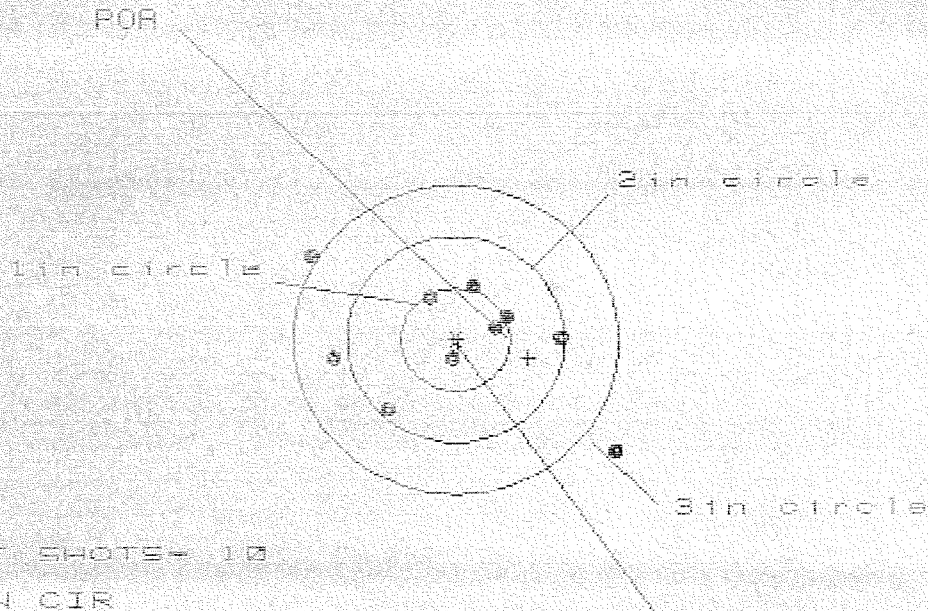
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.619	.614	.681
MINIMUM X	:	-.742	-.748	-.681
MAXIMUM Y	:	1.311	1.111	.726
MINIMUM Y	:	-1.802	-1.136	-.997
CENTROID X	:	-.399	-.394	-.451
CENTROID Y	:	-.037	.163	.024
POA TO CENTROID in.	:	.401	.427	.462
MIN RADIUS	:	.475	.309	.457
MEAN RADIUS	:	.916	.779	.735
MAX RADIUS	:	1.802	1.232	1.075
HORIZONTAL SPREAD	:	1.362	1.362	1.362
VERTICAL SPREAD	:	3.113	2.247	1.723
EXTREME SPREAD	:	3.167	2.461	1.745
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

24 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C8665948

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 2.783

VS= 1.921

GS= 3.382

CENTROID #

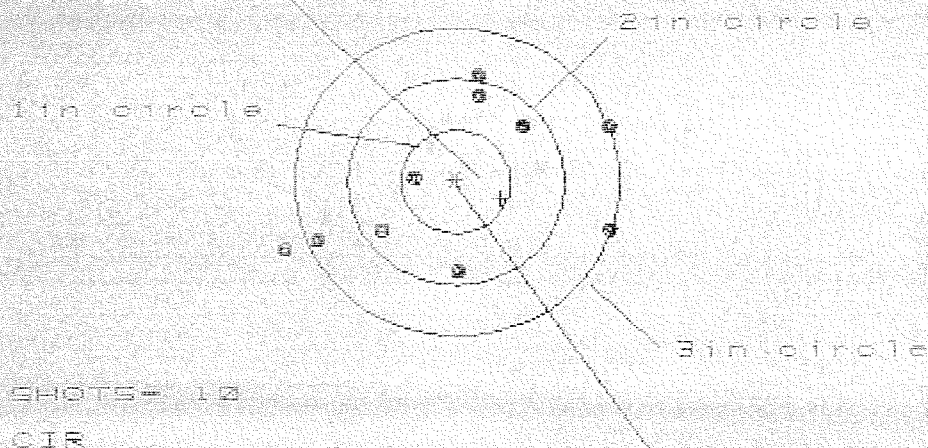
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.442	1.142	.994
MINIMUM X	:	-1.341	-1.181	-1.153
MAXIMUM Y	:	.848	.729	.498
MINIMUM Y	:	-1.873	-.785	-.694
CENTROID X	:	-.669	-.829	-.681
CENTROID Y	:	.181	.308	.209
POA TO CENTROID in.	:	.693	.882	.713
MIN RADIUS	:	.221	.267	.244
MEAN RADIUS	:	.859	.755	.658
MAX RADIUS	:	1.797	1.388	1.176
HORIZONTAL SPREAD	:	2.783	2.323	2.147
VERTICAL SPREAD	:	1.921	1.514	1.192
EXTREME SPREAD	:	3.382	2.460	2.161
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

24 Oct 1981

FILE: PATTERNING/CENTERFIRE_PATT/08565948

CENTERFIRE PATTERNS # 3

POA



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 3.012

VS= 1.865

GS= 3.188

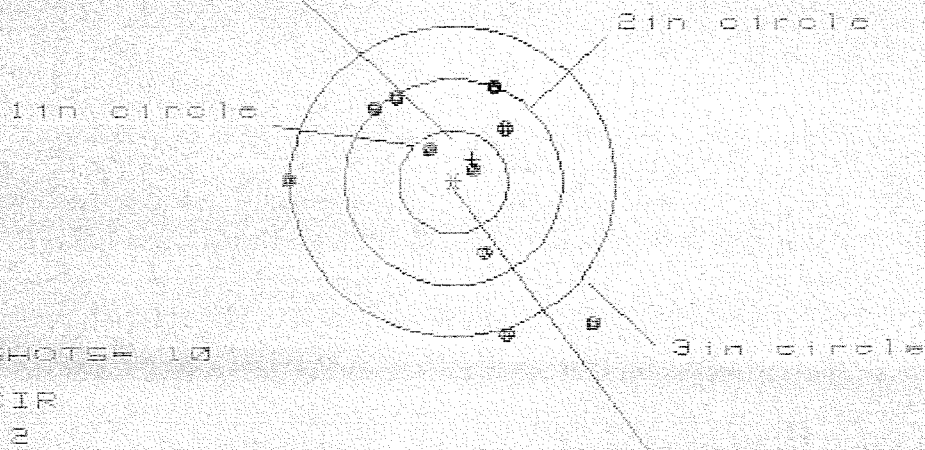
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.450	1.277	1.378
MINIMUM X	:	-1.562	-1.495	-1.336
MAXIMUM Y	:	1.028	.956	.888
MINIMUM Y	:	-.937	-.909	-.977
CENTROID X	:	-.411	-.238	-.397
CENTROID Y	:	.163	.235	.303
POA TO CENTROID in.	:	.442	.334	.499
MIN RADIUS	:	.387	.561	.416
MEAN RADIUS	:	1.088	1.014	.946
MAX RADIUS	:	1.690	1.614	1.497
HORIZONTAL SPREAD	:	3.012	2.772	2.714
VERTICAL SPREAD	:	1.865	1.865	1.865
EXTREME SPREAD	:	3.188	2.924	2.924
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

24 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665948

CENTERFIRE PATTERNS # 4

POA



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 2.797

VS= 2.361

GS= 3.130

CENTROID +

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.262	.662	.487
MINIMUM X	:	-1.536	-1.395	-.750
MAXIMUM Y	:	.902	.748	.730
MINIMUM Y	:	-1.459	-1.613	-1.631
CENTROID X	:	-.178	-.318	-.143
CENTROID Y	:	-.219	-.065	-.047
POA TO CENTROID in.	:	.282	.324	.151
MIN RADIUS	:	.235	.226	.153
MEAN RADIUS	:	1.001	.867	.776
MAX RADIUS	:	1.876	1.711	1.678
HORIZONTAL SPREAD	:	2.797	2.057	1.237
VERTICAL SPREAD	:	2.361	2.361	2.361
EXTREME SPREAD	:	3.130	2.506	2.506
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

24 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C8665948

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 1.510

VS= 2.434

GS= 2.474

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.743

.766

.734

MINIMUM X

-.767

-.744

-.776

MAXIMUM Y

1.060

.908

.722

MINIMUM Y

-1.373

-1.484

-.758

CENTROID X

-.065

-.088

-.056

CENTROID Y

-.318

-.165

.021

POA TO CENTROID in.

.324

.187

.060

MIN RADIUS

.449

.301

.113

MEAN RADIUS

.846

.754

.616

MAX RADIUS

1.389

1.506

.893

HORIZONTAL SPREAD

1.510

1.510

1.510

VERTICAL SPREAD

2.434

2.392

1.480

EXTREME SPREAD

2.474

2.474

1.691

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

10