

FORM

UPC



0 47700 25716 7

C6665691

*INCLUDES 1 IN CHAMBER

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™ M24

SERIAL NO.

C6665691

20

ORDER NO.

5716

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



5716 C6665691

ORDER 5716

MODEL 700™ M24

UPC

ORDER 5716

MODEL 700™ M24

UPC



0 47700 25716 7



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665691

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	GB
617	Drill and Tap Sight Holes		OCT 4 1991	LB
618	Polish Barrel		10/8/91	LB
620	Apply Coatings (Barrel Action)		10-22-91	TH
	Apply Coating (Bolt)		10-22-91	TH
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		10/24/91	TH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			10/24/91	JH
	G) Safety Off Force	3	3	3			10/24/91	JH
	H) Trigger Pull Test & Retainability						10/24/91	D.H.
	I) Firing Pin Indent	10205	1020	1020			10/24/91	JH
	J) Assemble Stock						10/24/91	RW
	K) Assemble Swivel Studs						11-12-91	AC
	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
640	Gallery Target & Test						10-25-91	DH
	A) Time						10-25-91	DH
	B) Malfunctions						10-25-91	DH
	C) Pierced Primers						10-25-91	DH
	D) Optical Clarity of Scope						10-25-91	DH
645	Inspect for Live Ammo						10-25-91	DH
655	Final Inspection							
	A) Headspace						11-12-91	AC
	B) Trigger Pull	239	232	231	230	216	10-30-91	DH
	C) Function						11-12-91	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-6665691

DATE 10/24/91

TESTER D.H.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.20	2.38	2.39	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	2.28	2.26	2.32	
PULL #3	2.48	2.14	2.34	2.31	
PULL #4	2.31	2.32	2.46	2.30	
PULL #5	2.44	2.33	2.50	2.16	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.58	3.53		
PULL #2	3.64	3.59		
PULL #3	3.64	3.46		
PULL #4	3.62	3.32		
PULL #5	3.36	3.49		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.61	4.58		4.19
PULL #2	4.47	4.47		4.38
PULL #3	4.62	4.49		4.23
PULL #4	4.52	4.04		4.25
PULL #5	4.64	4.54		4.20
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665691
25 Oct 1991

CENTROIDAL DISTANCES

0 TO 1	.428515
1 TO 2	.503294
1 TO 3	.334253
1 TO 4	.281556
1 TO 5	.548198

$\frac{7}{14}$ <----POA

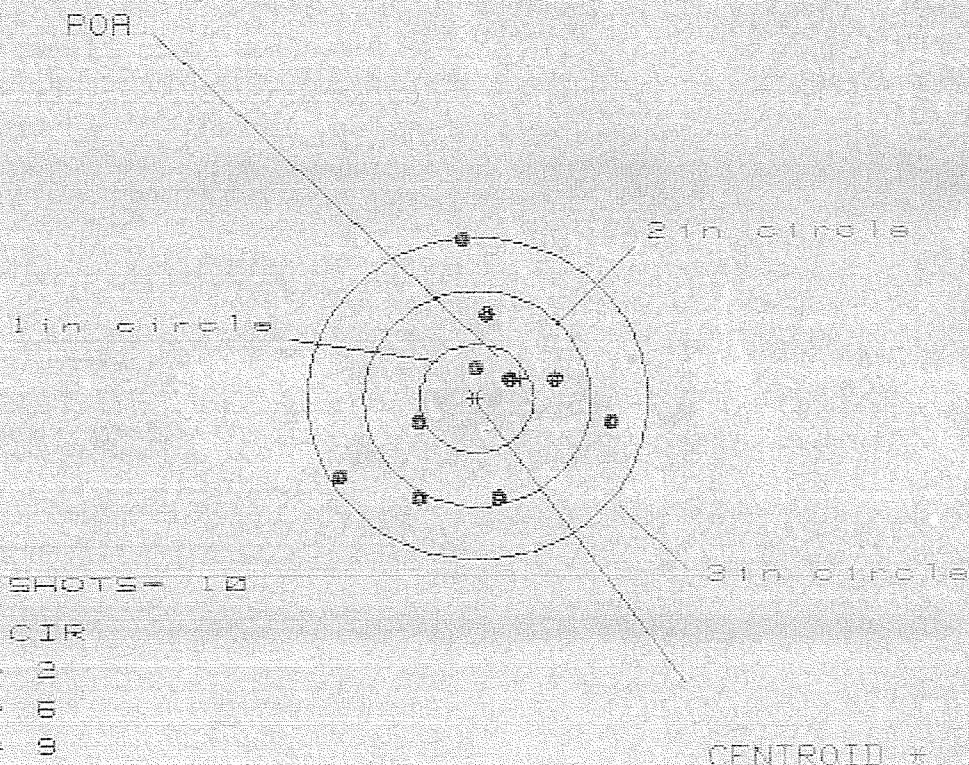
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.092
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0952
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .13239

THE AMR FOR THIS RIFLE IS: .875

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06685891

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.410

VS= 2.454

GS= 2.507

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.190	1.172	1.017
MINIMUM X	:	-1.220	-1.238	-.709
MAXIMUM Y	:	1.512	.992	.918
MINIMUM Y	:	-.942	-.774	-.848
CENTROID X	:	-.387	-.369	-.214
CENTROID Y	:	-.184	-.352	-.278
POA TO CENTROID in.:	:	.428	.510	.351
MIN RADIUS	:	.326	.416	.268
MEAN RADIUS	:	.892	.829	.737
MAX RADIUS	:	1.521	1.373	1.185
HORIZONTAL SPREAD	:	2.410	2.410	1.726
VERTICAL SPREAD	:	2.454	1.766	1.766
EXTREME SPREAD	:	2.507	2.468	1.868
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/C6565681

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS = 1.576

VS = 3.396

GS = 3.401

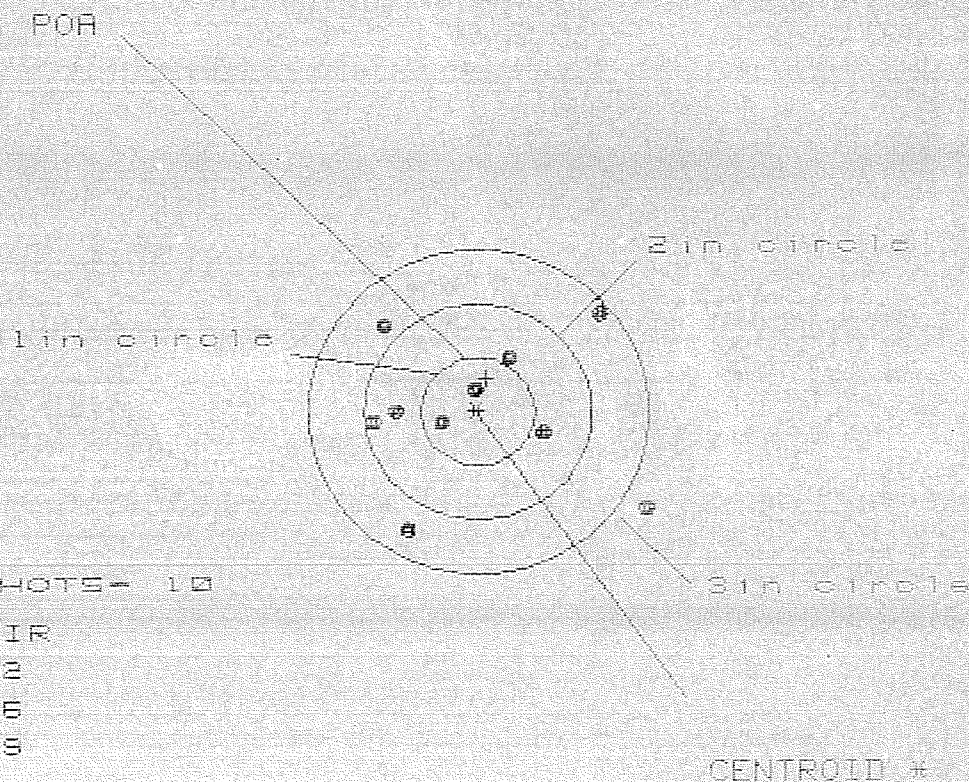
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.601	.592	.469
MINIMUM X	:	-.975	-.984	-.809
MAXIMUM Y	:	2.094	1.196	.733
MINIMUM Y	:	-1.302	-1.070	-.920
CENTROID X	:	-.015	-.006	.117
CENTROID Y	:	.155	-.077	-.227
POA TO CENTROID in.	:	.156	.078	.255
MIN RADIUS	:	.385	.227	.289
MEAN RADIUS	:	.931	.774	.664
MAX RADIUS	:	2.095	1.549	.921
HORIZONTAL SPREAD	:	1.576	1.576	1.278
VERTICAL SPREAD	:	3.396	2.266	1.653
EXTREME SPREAD	:	3.401	2.620	1.673
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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FILE://PATTERNING/CENTERFIRE_PATT/08683651

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.407

VS= 2.005

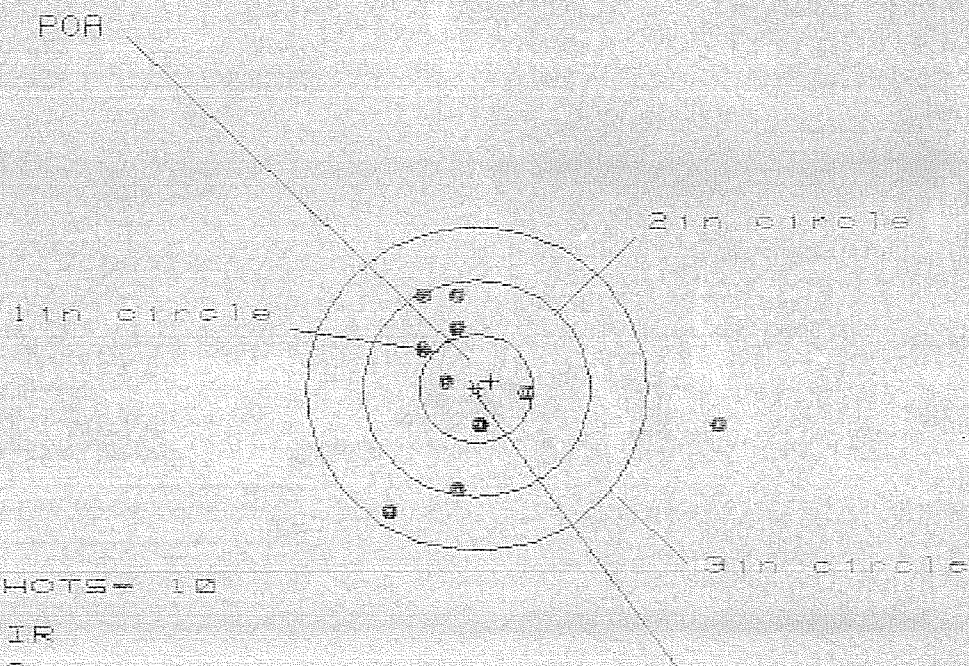
GS= 2.844

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.474	1.259	.919
MINIMUM X	:	-.933	-.769	-.611
MAXIMUM Y	:	.873	.779	.826
MINIMUM Y	:	-1.132	-1.226	-1.129
CENTROID X	:	-.077	-.241	-.399
CENTROID Y	:	-.309	-.215	-.312
POA TO CENTROID in.	:	.318	.323	.506
MIN RADIUS	:	.201	.188	.120
MEAN RADIUS	:	.899	.781	.674
MAX RADIUS	:	1.700	1.481	1.158
HORIZONTAL SPREAD	:	2.407	2.028	1.530
VERTICAL SPREAD	:	2.005	2.005	1.955
EXTREME SPREAD	:	2.844	2.612	1.971
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS= 2.913

VS= 2.020

GS= 3.042

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.110	.619	.543
MINIMUM X	:	-.803	-.568	-.328
MAXIMUM Y	:	.843	.809	.658
MINIMUM Y	:	-1.177	-1.211	-1.123
CENTROID X	:	-.130	-.365	-.294
CENTROID Y	:	-.069	-.035	.116
POA TO CENTROID in.	:	.147	.366	.316
MIN RADIUS	:	.287	.094	.142
MEAN RADIUS	:	.847	.668	.555
MAX RADIUS	:	2.132	1.337	1.125
HORIZONTAL SPREAD	:	2.913	1.187	.876
VERTICAL SPREAD	:	2.020	2.020	1.783
EXTREME SPREAD	:	3.042	2.094	1.805
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

25 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C8865691

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.600

VS= 1.498

GS= 2.601

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.362	.995	.859
MINIMUM X	:	-1.238	-1.087	-1.852
MAXIMUM Y	:	.651	.645	.632
MINIMUM Y	:	-.847	-.853	-.866
CENTROID X	:	.149	-.002	.134
CENTROID Y	:	-.069	-.063	-.050
POA TO CENTROID in.	:	.164	.063	.143
MIN RADIUS	:	.030	.157	.052
MEAN RADIUS	:	.806	.742	.682
MAX RADIUS	:	1.363	1.310	1.220
HORIZONTAL SPREAD	:	2.600	2.082	1.711
VERTICAL SPREAD	:	1.498	1.498	1.498
EXTREME SPREAD	:	2.601	2.227	2.227
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	