

FORM

UPC



0 47700 25716 7

C6665834

*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.

C6665834

ORDER NO.

5716

20

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



5716 C6665834

ORDER 5716

MODEL 700™ M24

UPC



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ORDER 5716

MODEL 700™ M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665834

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	9/23/91	KE
600	Proof		9/23/91	KE
607	Check Headspace		9/23/91	KE
610	Dis-assemble Gun		9/23/91	KE
612	Magnaflux Barrel Action		SEP 30 1991	KR
	Magnaflux Bolt		SEP 30 1991	KR
615	Rollmark Caliber		SEP 30 1991	LG
617	Drill and Tap Sight Holes		SEP 30 1991	FB
618	Polish Barrel		OCT 2 1991	WB
620	Apply Coatings (Barrel Action)		10/2-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/8/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/91	RW
	C) Inspect Ejector Hole for Chamfer		10/8/91	RW
	D) Oil Firing Pin Ass'y		10/8/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/8/91	RW

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			10-9-91	AC
	G) Safety Off Force	4	4	4			10-9-91	AC
	H) Trigger Pull Test & Retainability						10/8/91	Rev
	I) Firing Pin Indent	.021	.022	.021			10-9-91	AC
	J) Assemble Stock						10/11/91	Rev
	K) Assemble Swivel Studs						10-17-91	K
	L) Attach Front and Rear Sight Assemblies						10/11/91	Rev
	M) Iron Sight Alignment						10/11/91	Rev
	N) Detach Front & Rear Sights & place in numbered container						10/11/91	Rev
	O) Attach Scope to Rifle						10/11/91	Rev
	P) Detach & Attach Scope 20 Times						10/11/91	Rev
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	246	241	243	241	246	10-14-91	174
	C) Function						10-17-91	AC
660	Pack						12-19-91	N

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6665834

DATE 10/8/91

TESTER AW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.49	2.65	2.88	2.46	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.50	2.60	2.72	2.41	
PULL #3	2.45	2.56	2.68	2.43	
PULL #4	2.47	2.60	2.70	2.41	
PULL #5	2.42	2.58	2.63	2.46	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.37		
PULL #2	3.25	3.38		
PULL #3	3.27	3.15		
PULL #4	3.20	3.32		
PULL #5	3.20	3.18		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.01	4.23		4.16
PULL #2	4.01	4.19		4.31
PULL #3	4.12	4.11		4.30
PULL #4	4.19	4.00		4.31
PULL #5	4.18	4.05		4.36
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665834
14 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.237966
1 TO	2	.206708
1 TO	3	.694447
1 TO	4	.682567
1 TO	5	.424708

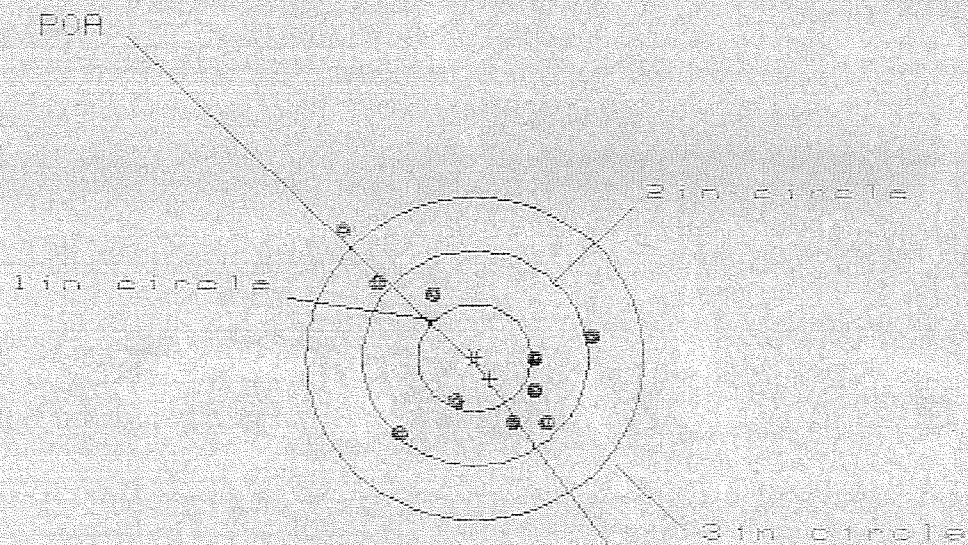
4⁵³ (----POA
4

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1388
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .042
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .145015
THE AMR FOR THIS RIFLE IS: .8566

14 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665834

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 2.207

VS= 1.866

GS= 2.539

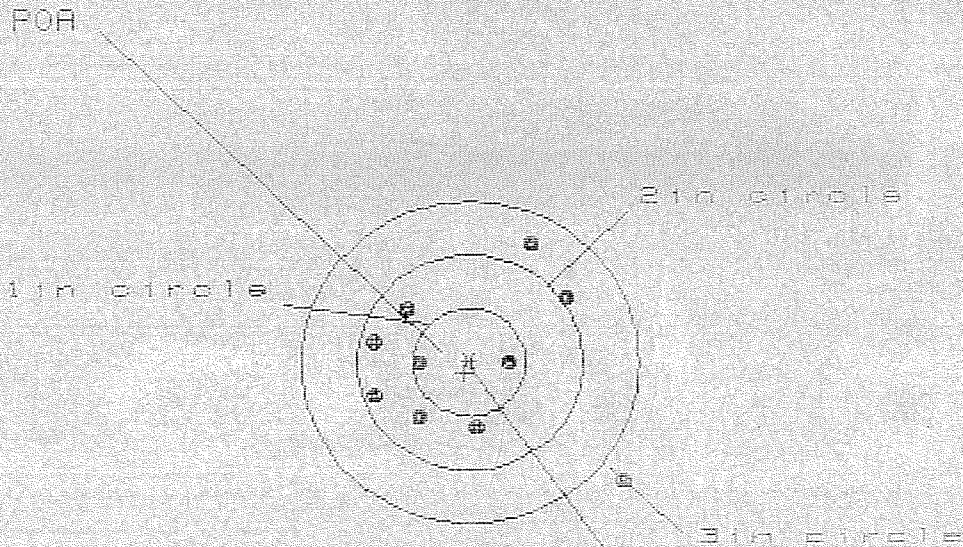
CENTROID #

PATTERN #	1		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.078	.953	.832
MINIMUM X	-1.129	-.966	-.944
MAXIMUM Y	1.170	.826	.789
MINIMUM Y	-.696	-.566	-.463
CENTROID X	-.132	-.007	.114
CENTROID Y	.198	.068	-.035
POA TO CENTROID in.	.238	.068	.119
MIN RADIUS	.395	.352	.239
MEAN RADIUS	.860	.731	.622
MAX RADIUS	1.626	1.271	1.051
HORIZONTAL SPREAD	2.207	1.919	1.776
VERTICAL SPREAD	1.866	1.392	1.252
EXTREME SPREAD	2.539	2.005	1.975
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

14 Oct 1991

FILE: /PATTERNING/CENTERFIRE_PATT/C65653834

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.273

VS= 2.130

GS= 2.612

CENTROID #

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.384	1.007	1.093
MINIMUM X	-.889	-.735	-.649
MAXIMUM Y	1.058	.938	.623
MINIMUM Y	-1.073	-.686	-.568
CENTROID X	.050	-.104	-.190
CENTROID Y	.100	.219	.101
POA TO CENTROID in.	.111	.242	.215
MIN RADIUS	.329	.321	.211
MEAN RADIUS	.855	.732	.643
MAX RADIUS	1.751	1.164	1.258
HORIZONTAL SPREAD	2.273	1.742	1.742
VERTICAL SPREAD	2.130	1.624	1.191
EXTREME SPREAD	2.612	1.942	1.925
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	9	

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FILE: /PATTERNING/CENTERFIRE_PATT/06665834

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 2.584

VS= 2.294

GS= 2.799

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.476	.746	.732
MINIMUM X	:	-1.108	-.944	-.958
MAXIMUM Y	:	.862	.920	.749
MINIMUM Y	:	-1.432	-1.374	-1.473
CENTROID X	:	.549	.385	.399
CENTROID Y	:	.062	.004	.175
POA TO CENTROID in.	:	.552	.385	.436
MIN RADIUS	:	.157	.315	.239
MEAN RADIUS	:	.968	.909	.802
MAX RADIUS	:	1.568	1.378	1.519
HORIZONTAL SPREAD	:	2.584	1.690	1.690
VERTICAL SPREAD	:	2.294	2.294	2.222
EXTREME SPREAD	:	2.799	2.388	2.228
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

14 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665834

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 1.606

VS= 2.472

GS= 2.654

CENTROID *

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.990

1.035

1.114

MINIMUM X

-.616

-.571

-.492

MAXIMUM Y

.888

.712

.565

MINIMUM Y

-1.584

-1.177

-.870

CENTROID X

-.045

-.090

-.169

CENTROID Y

-.479

-.303

-.156

POA TO CENTROID in.

.481

.316

.290

MIN RADIUS

.264

.401

.439

MEAN RADIUS

.869

.779

.694

MAX RADIUS

1.635

1.335

1.140

HORIZONTAL SPREAD

1.606

1.606

1.606

VERTICAL SPREAD

2.472

1.889

1.435

EXTREME SPREAD

2.654

2.209

1.651

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

5

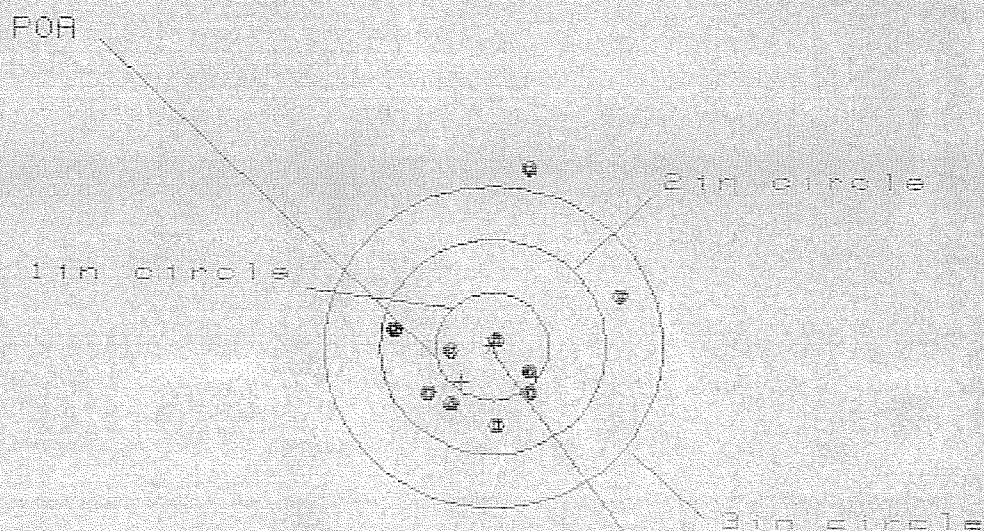
NUMBER IN THREE INCH CIRCLE =

9

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FILE:/PATTERNING/CENTERFIRE_PATT/06565834

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 1.988

VS= 2.446

GS= 2.471

CENTROID #

PATTERN #		5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.081	1.122	.553
MINIMUM X	:	-.987	-.866	-.726
MAXIMUM Y	:	1.696	.707	.436
MINIMUM Y	:	-.750	-.562	-.474
CENTROID X	:	.272	.231	.091
CENTROID Y	:	.329	.141	.053
POA TO CENTROID in.	:	.427	.271	.185
MIN RADIUS	:	.050	.238	.258
MEAN RADIUS	:	.731	.585	.474
MAX RADIUS	:	1.734	1.326	.847
HORIZONTAL SPREAD	:	1.988	1.988	1.279
VERTICAL SPREAD	:	2.446	1.269	.910
EXTREME SPREAD	:	2.471	2.020	1.397
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	