

FORM

UPC



0 47700 25716 7

C6665724

INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

5716

ORDER NO.

BARREL LENGTH

CAPACITY*

Remington



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

MODEL 700™ M24

SERIAL NO.

C6665724

ORDER NO.

5716

20

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



5716 C6665724

ORDER 5716

MODEL 700™ M24

UPC

ORDER 5716

MODEL 700™ M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665724

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	LS
617	Drill and Tap Sight Holes	OCT	4 1991	FB
618	Polish Barrel		10/8/91	WB
620	Apply Coatings (Barrel Action)		10-22-91	JA
	Apply Coating (Bolt)			
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		10/29/91	JA

BARBER - M24 0101780		READINGS			DATE	INIT		
op. #	OP. NAME							
625 cont.	F) Safety On Force	4	4	4	10/29/91	JK		
	G) Safety Off Force	3	3	3	10/29/91	JK		
	H) Trigger Pull Test & Retainability				10/29/91	JK		
	I) Firing Pin Indent	.021	.0215	.0215	10/29/91	JK		
	J) Assemble Stock				10/29/91	RW		
	K) Assemble Swivel Studs				11-12-91	AC		
	L) Attach Front and Rear Sight Assemblies				10/29/91	RW		
	M) Iron Sight Alignment				10/29/91	RW		
	N) Detach Front & Rear Sights & place in numbered container				10/29/91	RW		
	O) Attach Scope to Rifle				10/29/91	RW		
	P) Detach & Attach Scope 20 Times				10/29/91	RW		
640	Gallery Target & Test				10-29-91	NF		
	A) Time				"	NF		
	B) Malfunctions				"	NF		
	C) Pierced Primers				"	NF		
	D) Optical Clarity of Scope				"	NF		
645	Inspect for Live Ammo				10-29-91	NF		
655	Final Inspection							
	A) Headspace				11-12-91	AC		
	B) Trigger Pull	248	252	261	269	277	10-30-91	D/H
	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-6665724DATE 10/29/91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.24	2.50	2.50	2.48	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.23	2.46	2.46	2.52	
PULL #3	2.51	2.40	2.39	2.61	
PULL #4	2.52	2.48	2.49	2.69	
PULL #5	2.54	2.51	2.55	2.77	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.55	3.54		
PULL #2	3.46	3.50		
PULL #3	3.43	3.44		
PULL #4	3.50	3.48		
PULL #5	3.51	3.45		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.29		4.51
PULL #2	4.28	4.53		4.69
PULL #3	4.31	4.51		4.63
PULL #4	4.32	4.49		4.55
PULL #5	4.30	4.53		4.56
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665724
29 Oct 1991

CENTROIDAL DISTANCES

0	TO	1	.432464
1	TO	2	.253397
1	TO	3	.479719
1	TO	4	.750856
1	TO	5	.829764

$\bar{x} = \frac{1}{n} \sum_{i=1}^n x_i$ <----POA

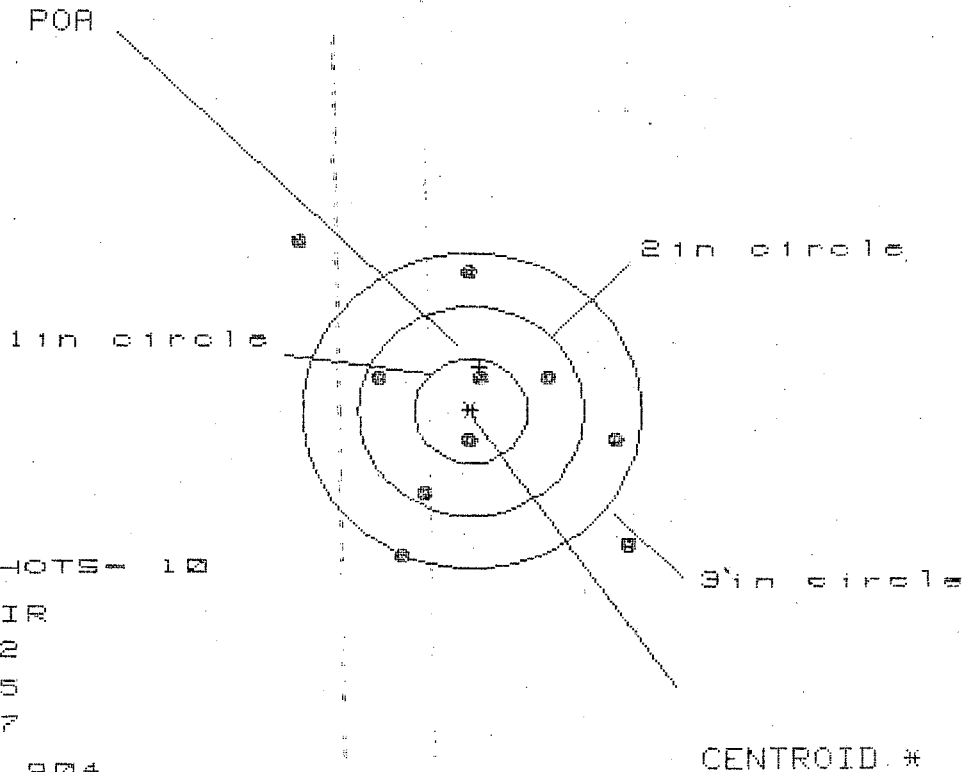
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0434
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.039
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .056153
THE AMR FOR THIS RIFLE IS: 1.026

29 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665724

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 2.904

VS= 2.944

GS= 4.115

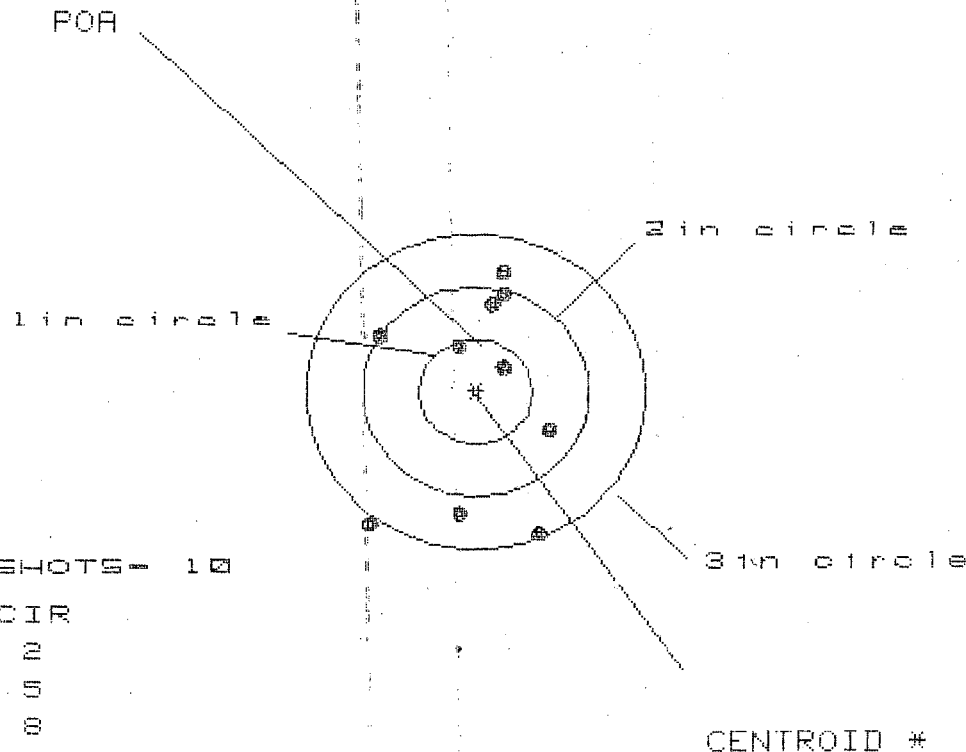
CENTROID *

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.420	1.255	1.230
MINIMUM X	-1.484	-1.958	-1.801
MAXIMUM Y	1.601	1.533	1.391
MINIMUM Y	-1.343	-1.165	-1.307
CENTROID X	-.080	.085	-.072
CENTROID Y	-.425	-.603	-.461
FOR TO CENTROID in.	.433	.609	.467
MIN RADIUS	.262	.197	.227
MEAN RADIUS	1.135	1.012	.903
MAX RADIUS	2.183	1.693	1.472
HORIZONTAL SPREAD	2.904	2.213	2.031
VERTICAL SPREAD	2.944	2.698	2.698
EXTREME SPREAD	4.115	3.041	2.771
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

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FILE:/PATTERNING/CENTERFIRE_PATT/06665724

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 1.657

VS= 2.543

GS= 2.669

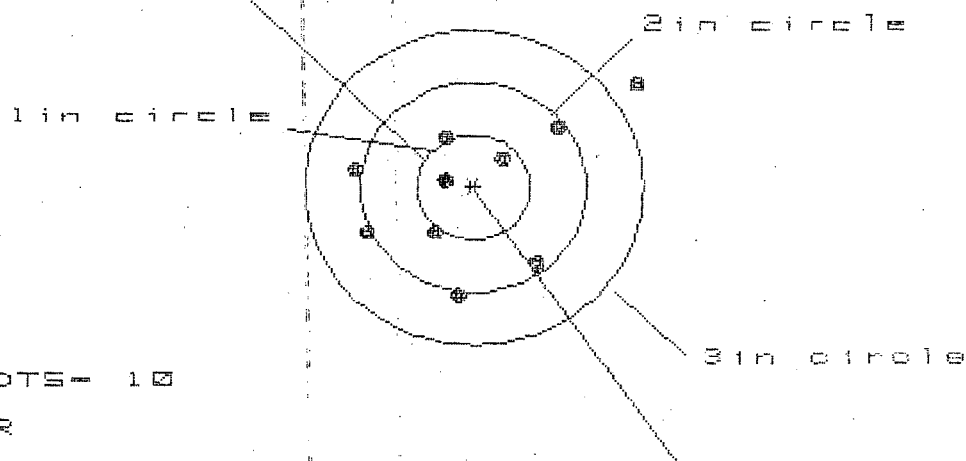
PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.670	.560	.615
MINIMUM X	-.987	-.989	-.934
MAXIMUM Y	1.134	.997	.804
MINIMUM Y	-1.409	-1.546	-1.499
CENTROID X	-.251	-.141	-.196
CENTROID Y	-.238	-.101	.092
POA TO CENTROID in.	.345	.173	.216
MIN RADIUS	.328	.160	.224
MEAN RADIUS	.992	.879	.737
MAX RADIUS	1.578	1.607	1.512
HORIZONTAL SPREAD	1.657	1.549	1.549
VERTICAL SPREAD	2.543	2.543	2.303
EXTREME SPREAD	2.669	2.560	2.335
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 8		

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FILE: PATTERNING/CENTERFIRE_PATT/C8665724

CENTERFIRE PATTERNS # 3

POR



OF SHOTS - 10

IN CIR

1in = 2

2in = 6

3in = 9

HS = 2.540

VS = 2.005

GS = 2.802

CENTROID *

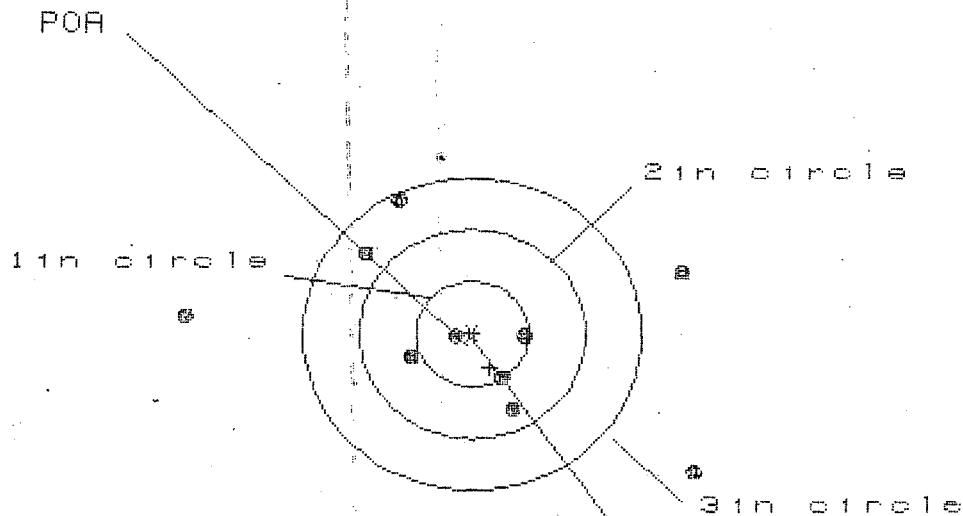
PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.459	.960	.846
MINIMUM X	-1.081	-.919	-.894
MAXIMUM Y	.998	.660	.696
MINIMUM Y	-1.007	-.897	-.861
CENTROID X	.247	.085	.199
CENTROID Y	-.074	-.184	-.220
POR TO CENTROID in.	.257	.203	.297
MIN RADIUS	.297	.246	.341
MEAN RADIUS	.856	.733	.710
MAX RADIUS	1.768	1.166	1.095
HORIZONTAL SPREAD	2.540	1.879	1.740
VERTICAL SPREAD	2.005	1.557	1.557
EXTREME SPREAD	2.802	2.005	2.005
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

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FILE: PATTERNING/CENTERFIRE_PATT/C6665724

CENTERFIRE PATTERNS

4



OF SHOTS = 10

IN CIR

1in = 3

2in = 5

3in = 7

HS = 4.469

VS = 2.672

GS = 4.709

CENTROID #

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.957	1.678	1.758
MINIMUM X	:	-2.512	-1.271	-1.061
MAXIMUM Y	:	1.321	1.336	1.169
MINIMUM Y	:	-1.351	-1.336	-.893
CENTROID X	:	-.156	.123	-.087
CENTROID Y	:	.322	.307	.474
POA TO CENTROID in.	:	.358	.331	.482
MIN RADIUS	:	.171	.207	.311
MEAN RADIUS	:	1.209	1.062	.929
MAX RADIUS	:	2.515	2.145	1.810
HORIZONTAL SPREAD	:	4.469	2.949	2.819
VERTICAL SPREAD	:	2.672	2.672	2.062
EXTREME SPREAD	:	4.709	3.721	2.824
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

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FILE:/PATTERNING/CENTERFIRE_PATT/C6685724

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.605

VS= 2.453

GS= 2.881

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.480	1.087	1.191
MINIMUM X	-1.125	-.961	-.857
MAXIMUM Y	1.315	1.378	.892
MINIMUM Y	-1.138	-1.075	-.903
CENTROID X	.442	.278	.174
CENTROID Y	.220	.157	-.015
POA TO CENTROID in.	.494	.319	.174
MIN RADIUS	.378	.300	.168
MEAN RADIUS	.940	.830	.697
MAX RADIUS	1.585	1.611	1.198
HORIZONTAL SPREAD	2.605	2.048	2.048
VERTICAL SPREAD	2.453	2.453	1.795
EXTREME SPREAD	2.881	2.881	2.058
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		