

FOR

UPC



0 47700 25716 7

C6649037

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

MODEL 700 TM M24

571C

ORDER NO.

Remington

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

MODEL 700™ M24**SERIAL NO.****C6649037****ORDER NO.****5716**

20

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



5716 C6649037

ORDER 5716

MODEL 700™ M24

UPC

0 47700 25716 7

ORDER 5716

MODEL 700™ M24

UPC

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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6649037*

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	91	<i>RW</i>
600	Proof	9 26	91	<i>RW</i>
607	Check Headspace	9 26	91	<i>RW</i>
610	Dis-assemble Gun	9 26	91	<i>RW</i>
612	Magnaflux Barrel Action	OCT	3 1991	<i>KCA</i>
	Magnaflux Bolt	OCT	3 1991	<i>KCA</i>
615	Rollmark Caliber	OCT	3 1991	<i>G</i>
617	Drill and Tap Sight Holes	OCT	1991	<i>LB</i>
618	Polish Barrel	OCT	1991	<i>WB</i>
620	Apply Coatings (Barrel Action)		10-18-91	<i>[Signature]</i>
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/18/91	<i>RW</i>
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/18/91	<i>RW</i>
	C) Inspect Ejector Hole for Chamfer		10/18/91	<i>RW</i>
	D) Oil Firing Pin Ass'y		10/18/91	<i>RW</i>
	E) Adjust Trigger Pull to Min Setting and Stake		11/19/91	<i>[Signature]</i>

625 cont.	F) Safety On Force	4	4	4	11/19/91	WB		
	G) Safety Off Force	2 1/2	2 1/2	2 1/2	11/19/91	WB		
	H) Trigger Pull Test & Retainability				11/19/91	JH		
	I) Firing Pin Indent	.021	.021	.021	11/19/91	WB		
	J) Assemble Stock				11/20/91	RW		
	K) Assemble Swivel Studs				11-26-91	JH		
	L) Attach Front and Rear Sight Assemblies				11/20/91	RW		
	M) Iron Sight Alignment				11/20/91	RW		
	N) Detach Front & Rear Sights & place in numbered container				11/20/91	RW		
	O) Attach Scope to Rifle				11/20/91	RW		
	P) Detach & Attach Scope 20 Times				11/20/91	RW		
640	Gallery Target & Test				11-22-91	DH		
	A) Time				11-22-91	DH		
	B) Malfunctions				11-22-91	DH		
	C) Pierced Primers				11-22-91	DH		
	D) Optical Clarity of Scope				11-22-91	DH		
645	Inspect for Live Ammo				11-22-91	DH		
655	Final Inspection							
	A) Headspace				11-26-91	JH		
	B) Trigger Pull	274	288	284	268	266	11-22-91	DH
	C) Function						11-26-91	JH
660	Pack						12-14-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C-6649037

DATE 11-19-91

TESTER JPL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.57	2.63	2.48	2.74	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.57	2.63	2.55	2.88	
PULL #3	2.51	2.38	2.46	2.84	
PULL #4	2.47	2.60	2.44	2.68	
PULL #5	2.39	2.43	2.51	2.66	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.73	3.20		
PULL #2	3.53	3.70		
PULL #3	3.70	3.50		
PULL #4	3.30	3.46		
PULL #5	3.64	3.54		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.31		4.43
PULL #2	4.24	4.29		4.44
PULL #3	4.21	4.20		4.43
PULL #4	4.27	4.16		4.36
PULL #5	4.27	4.18		4.36
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649037
22 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.452691
1 TO	2	.327918
1 TO	3	.68171
1 TO	4	.564139
1 TO	5	.408375

51 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0628
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0374
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0730931
THE AMR FOR THIS RIFLE IS: 1.126

22 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08649037

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS= 3.929

VS= 3.121

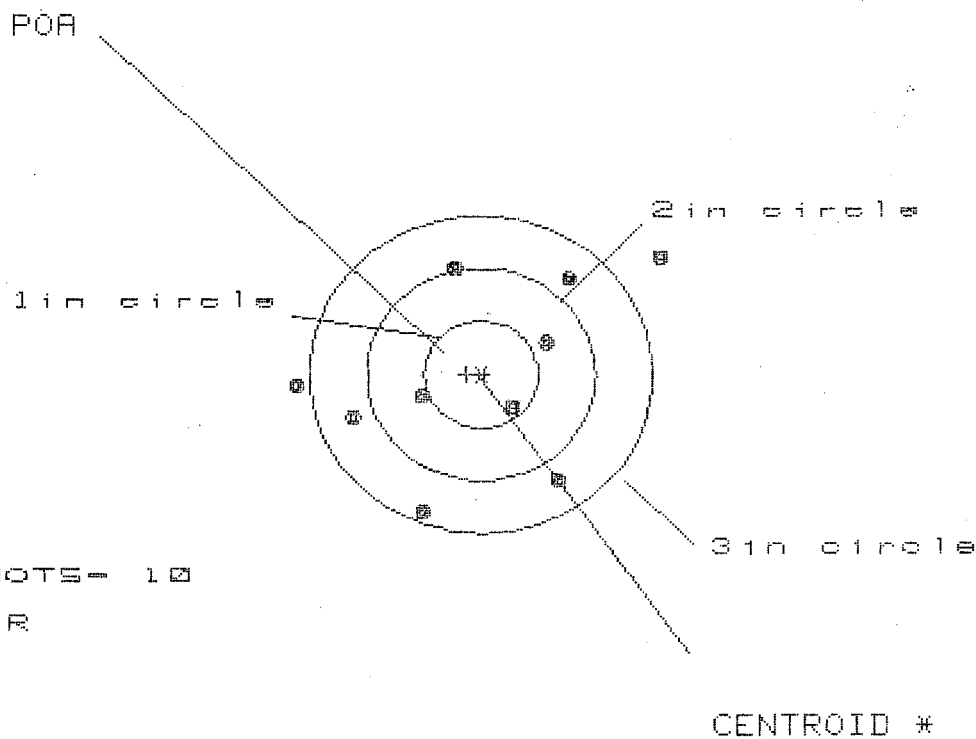
GS= 4.215

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.128	1.194	.999
MINIMUM X	-1.801	-1.565	-.895
MAXIMUM Y	1.669	1.563	1.604
MINIMUM Y	-1.452	-1.267	-1.226
CENTROID X	.448	.212	.407
CENTROID Y	.065	-.120	-.161
POA TO CENTROID in.	.453	.243	.438
MIN RADIUS	.737	.464	.532
MEAN RADIUS	1.344	1.141	1.073
MAX RADIUS	2.784	1.599	1.660
HORIZONTAL SPREAD	3.929	2.759	1.894
VERTICAL SPREAD	3.121	2.830	2.830
EXTREME SPREAD	4.215	3.032	2.889
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

22 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649037

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 8

HS= 3.205

VS= 2.417

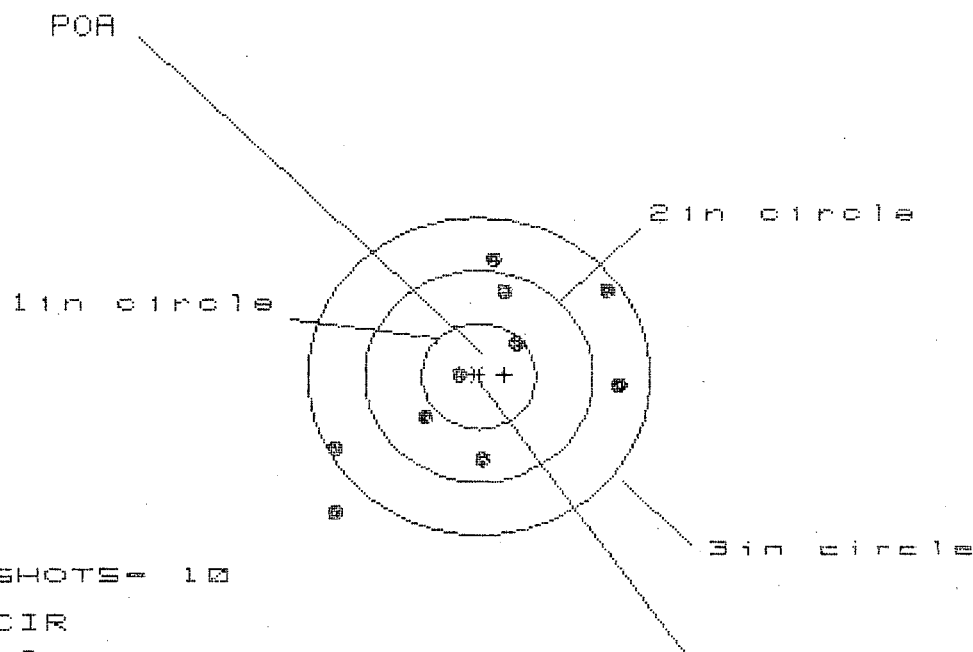
GS= 3.426

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.598	.978	.799
MINIMUM X	-1.607	-1.429	-1.082
MAXIMUM Y	1.103	1.099	1.101
MINIMUM Y	-1.314	-1.192	-1.190
CENTROID X	.127	-.051	.128
CENTROID Y	-.002	-.124	-.126
POA TO CENTROID in.	.127	.134	.179
MIN RADIUS	.388	.339	.321
MEAN RADIUS	1.111	1.004	.935
MAX RADIUS	1.942	1.429	1.314
HORIZONTAL SPREAD	3.205	2.407	1.881
VERTICAL SPREAD	2.417	2.291	2.291
EXTREME SPREAD	3.426	2.600	2.577
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	8		

22 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8645037

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.570

VS= 2.411

GS= 3.242

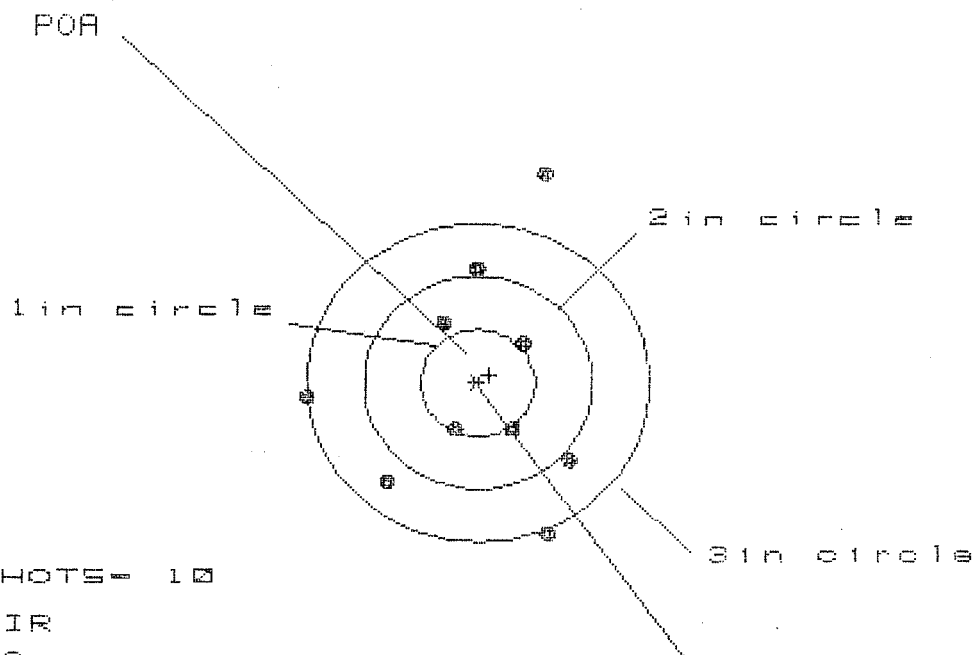
CENTROID *

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.254	1.108	1.235
MINIMUM X	-1.316	-1.371	-1.244
MAXIMUM Y	1.155	1.015	1.103
MINIMUM Y	-1.256	-0.917	-0.829
CENTROID X	-0.229	-0.083	-0.210
CENTROID Y	-0.015	.125	.037
POA TO CENTROID in.	.230	.150	.213
MIN RADIUS	.132	.248	.146
MEAN RADIUS	.988	.880	.827
MAX RADIUS	1.819	1.598	1.445
HORIZONTAL SPREAD	2.570	2.479	2.479
VERTICAL SPREAD	2.411	1.932	1.932
EXTREME SPREAD	3.242	2.827	2.555
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

22 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06649037

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.244

VS= 3.313

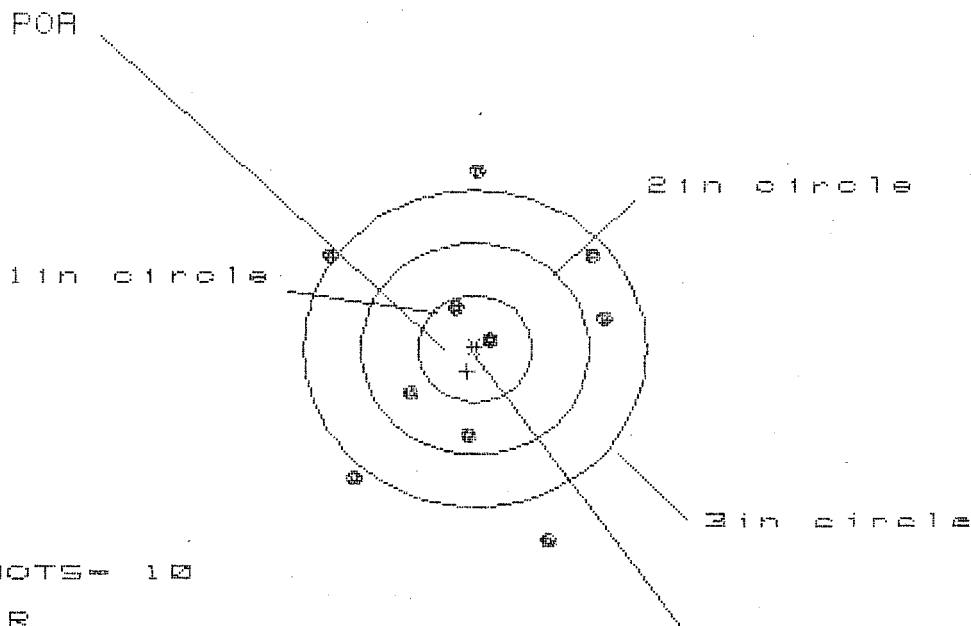
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PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.781	.851	.939
MINIMUM X	:	-1.463	-1.393	-1.305
MAXIMUM Y	:	1.934	1.253	1.107
MINIMUM Y	:	-1.379	-1.164	-.818
CENTROID X	:	-.099	-.169	-.257
CENTROID Y	:	-.073	-.288	-.142
POA TO CENTROID in.	:	.123	.334	.294
MIN RADIUS	:	.485	.265	.365
MEAN RADIUS	:	1.045	.910	.859
MAX RADIUS	:	2.035	1.398	1.305
HORIZONTAL SPREAD	:	2.244	2.244	2.244
VERTICAL SPREAD	:	3.313	2.417	1.925
EXTREME SPREAD	:	3.313	2.500	2.329
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	8		

22 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06645037

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 6

HS= 2.356

VS= 3.566

GS= 3.626

CENTROID *

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.121	1.196	1.209
MINIMUM X	-1.235	-1.160	-1.147
MAXIMUM Y	1.731	1.527	.905
MINIMUM Y	-1.835	-1.410	-1.219
CENTROID X	.067	-.008	-.021
CENTROID Y	.212	.416	.225
POA TO CENTROID in.	.223	.416	.226
MIN RADIUS	.123	.208	.195
MEAN RADIUS	1.144	1.043	.972
MAX RADIUS	1.957	1.727	1.567
HORIZONTAL SPREAD	2.356	2.356	2.356
VERTICAL SPREAD	3.566	2.937	2.124
EXTREME SPREAD	3.626	3.136	3.022
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		6	