

FOR

UPC



0 47700 25716 7

C6649049

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

MODEL 700 TM M24

ORDER NO.

5716

Remington



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

MODEL 700™ M24

SERIAL NO.

C6649049

ORDER NO.

5716

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



5716 C6649049

ORDER 5716

MODEL 700™ M24

UPC

ORDER 5716

MODEL 700™ M24

UPC



GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649049

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	9 26 91	RW
600	Proof		9 26 91	RW
607	Check Headspace		9 26 91	RW
610	Dis-assemble Gun		9 26 91	RW
612	Magnaflux Barrel Action		OCT 3 1991	RCD
	Magnaflux Bolt		OCT 3 1991	RCD
615	Rollmark Caliber		OCT 3 1991	GS
617	Drill and Tap Sight Holes		OCT 4 1991	FB
618	Polish Barrel		OCT 4 1991	WB
620	Apply Coatings (Barrel Action)		10-18-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/18/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/18/91	RW
	C) Inspect Ejector Hole for Chamfer		10/18/91	RW
	D) Oil Firing Pin Ass'y		10/18/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-25-91	JM

op. BARBER - M24 0031051		READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4	4	4	11-25-91	JP		
	G) Safety Off Force	3	3	3	11-25-91	JP		
	H) Trigger Pull Test & Retainability				11-25-91	JP		
	I) Firing Pin Indent	.020	.0205	.0205	11-25-91	JP		
	J) Assemble Stock				12/2/91	RW		
	K) Assemble Swivel Studs				12-3-91	AC		
	L) Attach Front and Rear Sight Assemblies				12/2/91	RW		
	M) Iron Sight Alignment				12/2/91	RW		
	N) Detach Front & Rear Sights & place in numbered container				12/2/91	RW		
	O) Attach Scope to Rifle				12/2/91	RW		
	P) Detach & Attach Scope 20 Times				12/2/91	RW		
640	Gallery Target & Test				12-2-91	DH		
	A) Time				12-2-91	DH		
	B) Malfunctions				12-2-91	DH		
	C) Pierced Primers				12-2-91	DH		
	D) Optical Clarity of Scope				12-2-91	DH		
645	Inspect for Live Ammo				12-2-91	DH		
655	Final Inspection							
	A) Headspace				12-3-91	AC		
	B) Trigger Pull	2.36	2.42	2.35	2.38	2.45	12-2-91	DH
	C) Function						12-3-91	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. 0-6649049DATE 11-25-91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.27	2.64	2.48	236	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.64	2.60	2.55	242	
PULL #3	2.61	2.63	2.60	235	
PULL #4	2.61	2.61	2.64	238	
PULL #5	2.63	2.56	2.59	245	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.35		
PULL #2	3.37	3.33		
PULL #3	3.43	3.31		
PULL #4	3.31	3.33		
PULL #5	3.35	3.35		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.25		4.29
PULL #2	4.34	4.21		4.31
PULL #3	4.34	4.24		4.20
PULL #4	4.24	4.31		4.18
PULL #5	4.25	4.21		4.35
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649049
3 Dec 1991

CENTROIDAL DISTANCES

0 TO	1	.518518
1 TO	2	.559946
1 TO	3	.212144
1 TO	4	.652608
1 TO	5	.416347

1.72 <----POA

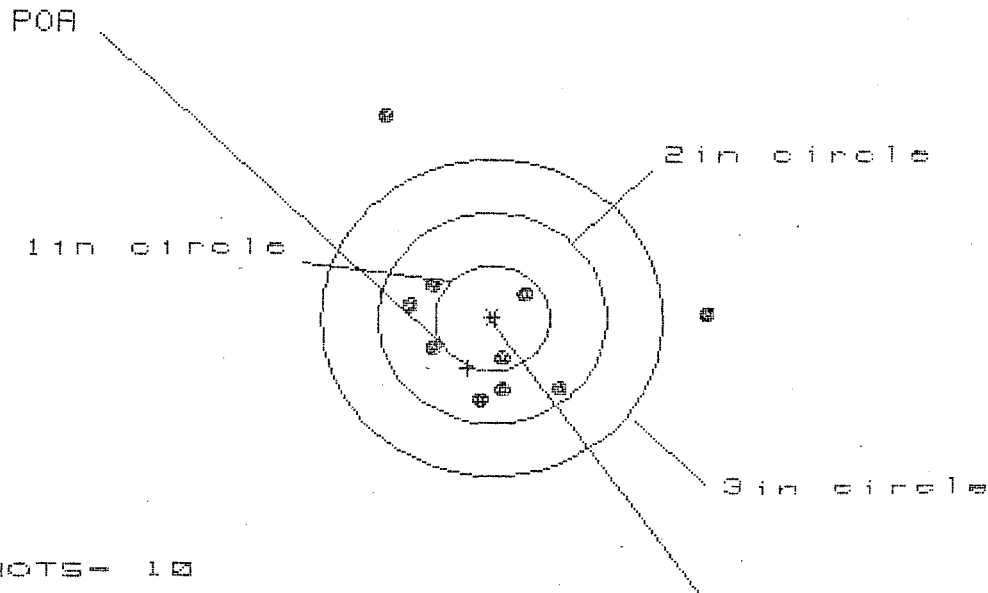
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1308
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1728
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .216722
THE AMR FOR THIS RIFLE IS: .949

2 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CBB49049

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 8

HS= 2.810

VS= 2.710

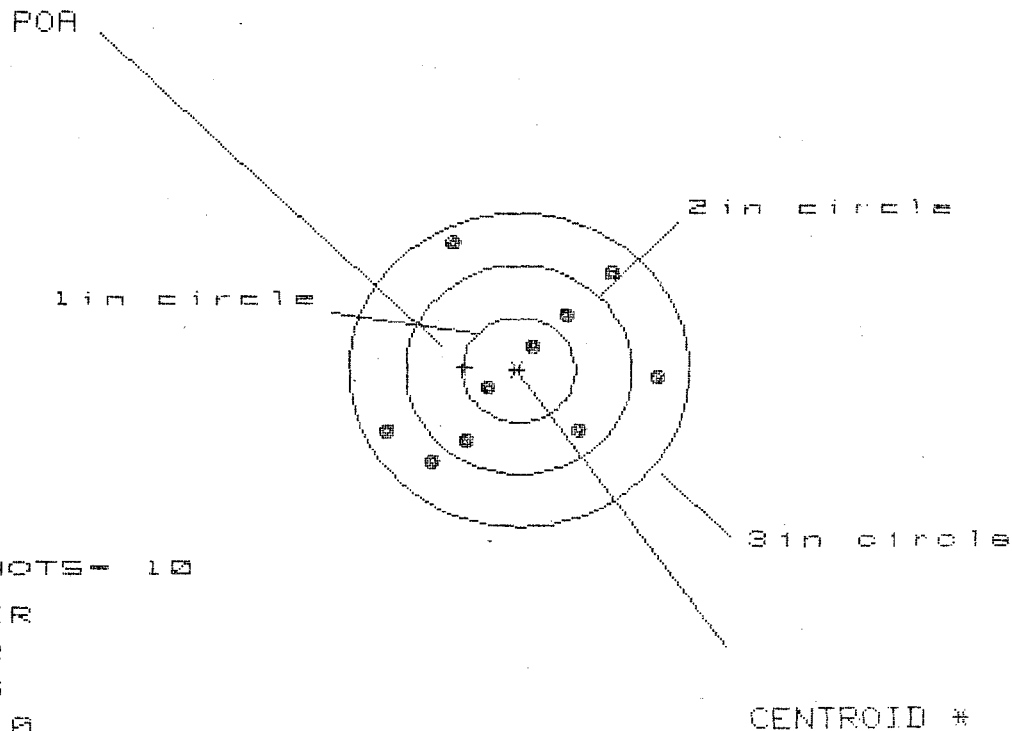
GS= 3.419

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.849	1.742	.708
MINIMUM X	:	-.961	-.854	-.636
MAXIMUM Y	:	1.970	.540	.570
MINIMUM Y	:	-.740	-.521	-.491
CENTROID X	:	.219	.326	.108
CENTROID Y	:	.470	.251	.221
POA TO CENTROID in.	:	.519	.412	.246
MIN RADIUS	:	.398	.194	.206
MEAN RADIUS	:	.913	.729	.566
MAX RADIUS	:	2.192	1.759	.833
HORIZONTAL SPREAD	:	2.810	2.596	1.344
VERTICAL SPREAD	:	2.710	1.061	1.061
EXTREME SPREAD	:	3.419	2.599	1.584
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	8		

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FILE:/PATTERNING/CENTERFIRE_PATT/C6649049

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS= 2.379

VS= 2.094

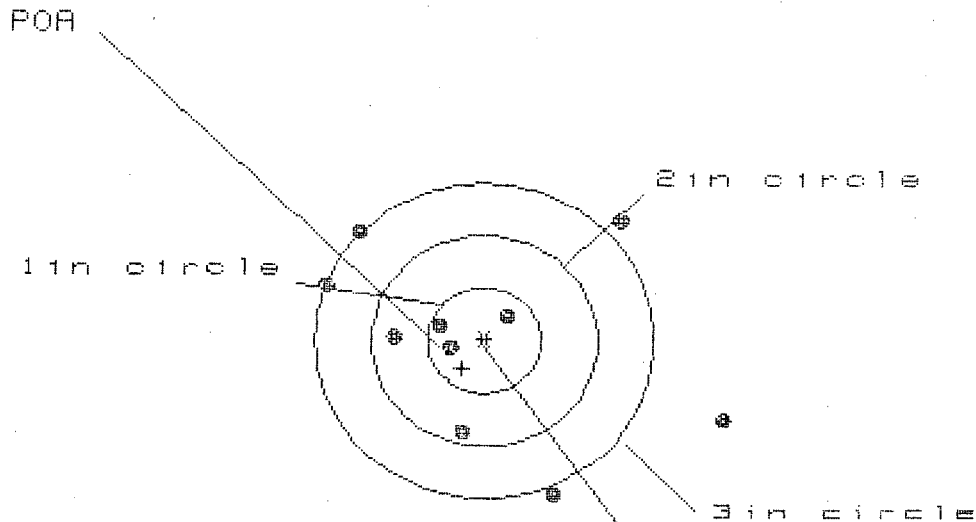
GS= 2.419

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.254	1.192	.884
MINIMUM X	:	-1.125	-1.187	-1.038
MAXIMUM Y	:	1.261	1.030	1.035
MINIMUM Y	:	-.833	-.692	-.687
CENTROID X	:	.475	.537	.988
CENTROID Y	:	-.028	-.169	-.174
POA TO CENTROID in.	:	.476	.563	.425
MIN RADIUS	:	.264	.385	.240
MEAN RADIUS	:	.920	.863	.802
MAX RADIUS	:	1.377	1.265	1.361
HORIZONTAL SPREAD	:	2.379	2.379	1.922
VERTICAL SPREAD	:	2.094	1.722	1.722
EXTREME SPREAD	:	2.419	2.419	2.393
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	10		

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FILE:/PATTERNING/CENTERFIRE_PATT/C6649043

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 7

HS= 3.494

VS= 2.578

GS= 3.698

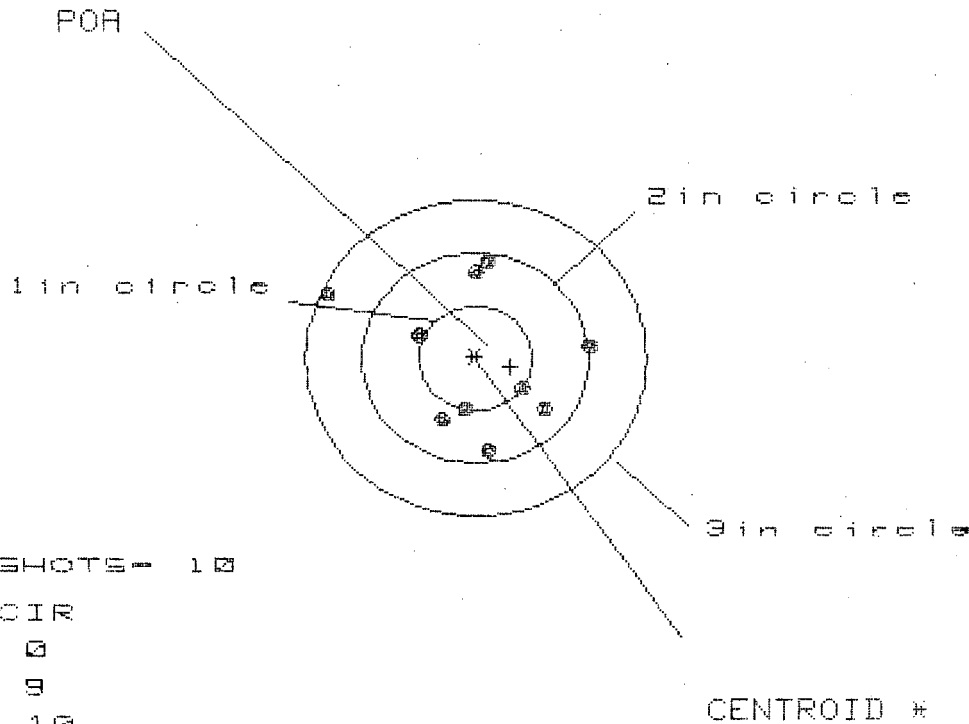
PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.113	1.429	1.018
MINIMUM X	-1.381	-1.146	-.968
MAXIMUM Y	1.110	1.031	1.093
MINIMUM Y	-1.468	-1.547	-1.418
CENTROID X	.197	-.038	-.216
CENTROID Y	.259	.338	.209
POA TO CENTROID in.	.325	.340	.300
MIN RADIUS	.282	.120	.134
MEAN RADIUS	1.108	.920	.798
MAX RADIUS	2.229	1.762	1.745
HORIZONTAL SPREAD	3.494	2.575	1.986
VERTICAL SPREAD	2.578	2.578	2.511
EXTREME SPREAD	3.698	3.016	3.016
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 0

2in = 9

3in = 10

HS= 2.277

VS= 1.815

GS= 2.332

CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.966	.821	.599
MINIMUM X	:	-1.311	-.675	-.573
MAXIMUM Y	:	.930	1.000	1.025
MINIMUM Y	:	-.885	-.815	-.790
CENTROID X	:	-.305	-.160	-.262
CENTROID Y	:	.081	.011	-.014
POA TO CENTROID in.	:	.316	.160	.263
MIN RADIUS	:	.507	.348	.420
MEAN RADIUS	:	.808	.713	.688
MAX RADIUS	:	1.455	1.003	1.026
HORIZONTAL SPREAD	:	2.277	1.496	1.172
VERTICAL SPREAD	:	1.815	1.815	1.815
EXTREME SPREAD	:	2.332	1.815	1.815
NUMBER IN ONE INCH CIRCLE =	:	0		
NUMBER IN TWO INCH CIRCLE =	:	9		
NUMBER IN THREE INCH CIRCLE =	:	10		

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CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 2.873

VS= 2.342

GS= 3.016

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.128	.934	.892
MINIMUM X	-1.745	-.803	-.845
MAXIMUM Y	.795	.855	.669
MINIMUM Y	-1.547	-1.487	-.849
CENTROID X	.068	.262	.304
CENTROID Y	.082	.022	.208
POA TO CENTROID in.	.106	.263	.369
MIN RADIUS	.184	.141	.085
MEAN RADIUS	.996	.887	.781
MAX RADIUS	1.825	1.525	1.028
HORIZONTAL SPREAD	2.873	1.737	1.737
VERTICAL SPREAD	2.342	2.342	1.518
EXTREME SPREAD	3.016	2.419	1.946
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		