

FACE

UPC



0 47700 25716 7

BARREL LENGTH

CAPACITY*

*INCLUDES 1 IN CHAMBER

C6649049

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

20

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



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ORDER 5716
MODEL 700™ M24
UPC



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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	Kcd
	Magnaflux Bolt		OCT 3 1991	Kcd
615	Rollmark Caliber		OCT 3 1991	CS
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	DA
	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	JH

op. #	OP. NAME	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	D/H
	A) Time						12-2-91	D/H
	B) Malfunctions						12-2-91	D/H
	C) Pierced Primers						12-2-91	D/H
	D) Optical Clarity of Scope						12-2-91	D/H
645	Inspect for Live Ammo						12-2-91	D/H
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	D/H
	C) Function						12-3-91	AC
660	Pack						12-17-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C-6649049

DATE 11-25-91

TESTER 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	2.66	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

$\frac{1}{5} \sum_{i=1}^5 x_i$ <----POA

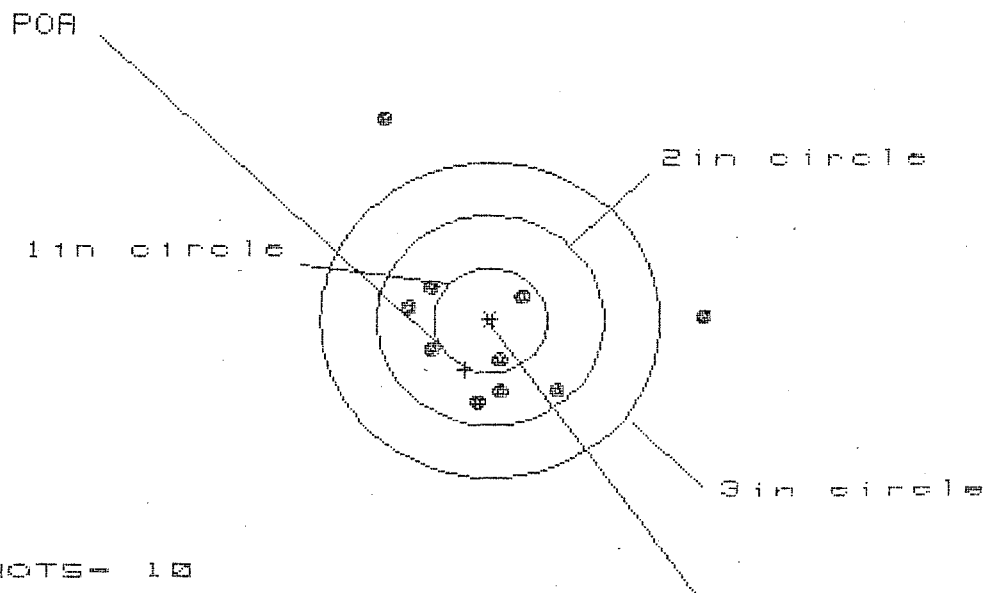
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1308
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1728
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .216722
THE AMR FOR THIS RIFLE IS: .949

2 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B49049

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 8

HS= 2.810

VS= 2.710

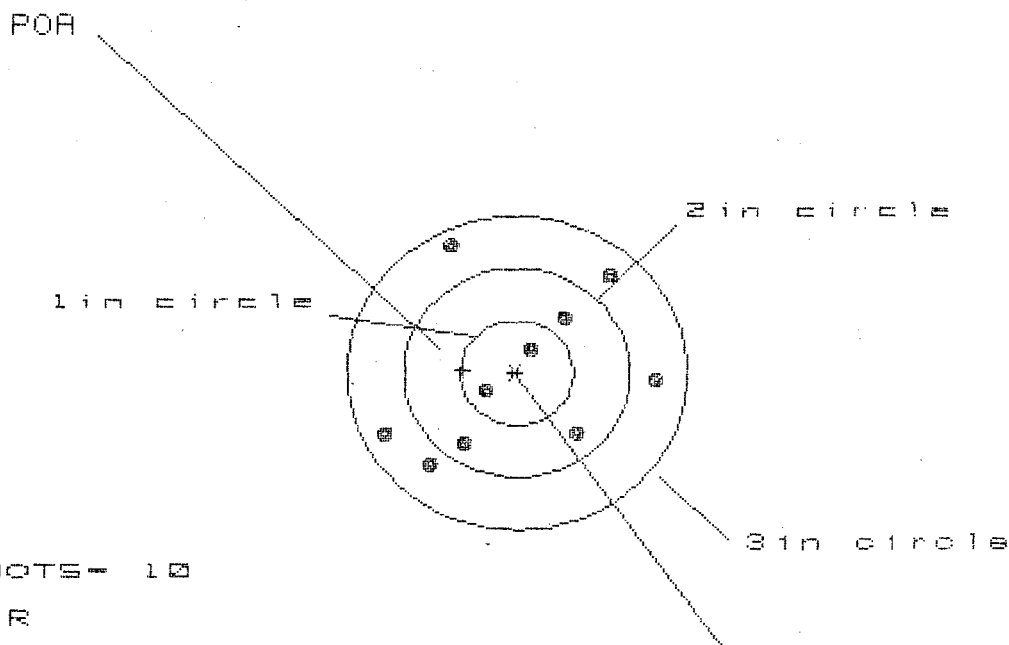
GS= 3.419

PATTERN #	:	1		
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	

2 Dec 1991

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

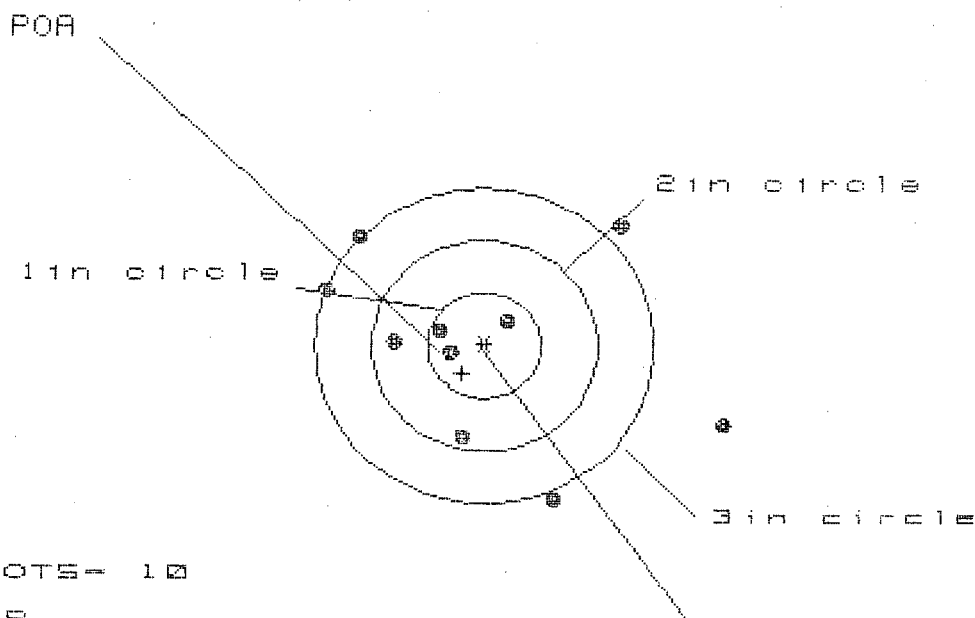
CENTROID *

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		

2 Dec 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 7

HS= 3.494

VS= 2.578

GS= 3.698

CENTROID *

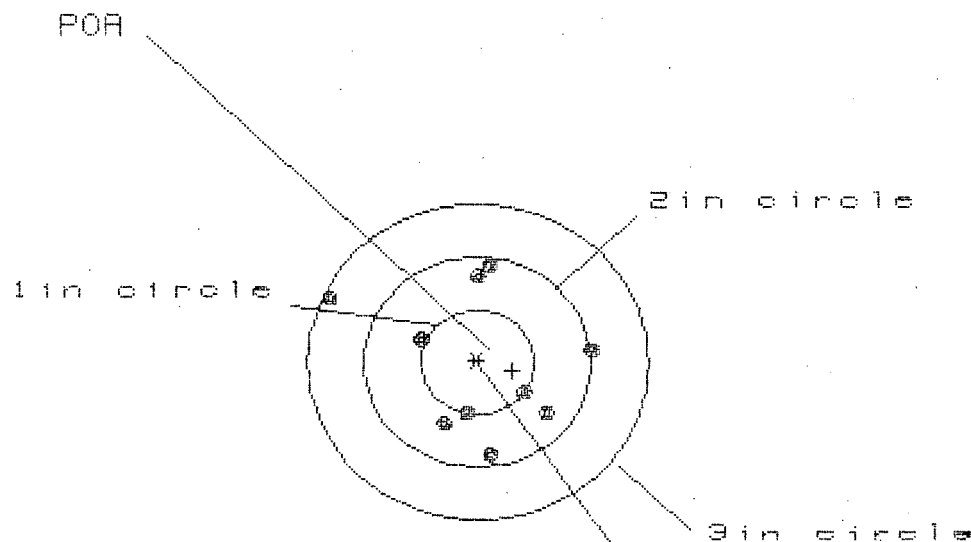
PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.113	1.429	1.018
MINIMUM X	-1.381	-1.146	-.968
MAXIMUM Y	1.110	1.031	1.093
MINIMUM Y	-1.468	-1.547	-1.418
CENTROID X	.197	-.038	-.216
CENTROID Y	.259	.338	.209
POA TO CENTROID in.	.325	.340	.300
MIN RADIUS	.282	.120	.134
MEAN RADIUS	1.108	.920	.798
MAX 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		

2 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649049

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		

2 Dec 1991

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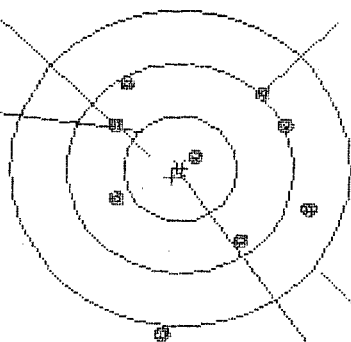
CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 2.873

VS= 2.342

GS= 3.016

CENTROID *

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		