

FORM

UPC



0 47700 25716 7

C6649011

BARREL LENGTH
CAPACITY*
*INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO.

5716

RemingtonVERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.**MODEL 700™ M24****SERIAL NO.**
C6649011**ORDER NO.**
5716

20

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



5716 C6649011

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 # *C6649011*

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	9 1	<i>RW</i>
600	Proof	9 26	9 1	<i>RW</i>
607	Check Headspace	9 28	9 1	<i>RW</i>
610	Dis-assemble Gun	9 31		<i>RW</i>
612	Magnaflux Barrel Action		OCT 3 1991	<i>KCR</i>
	Magnaflux Bolt		OCT 3 1991	<i>KCR</i>
615	Rollmark Caliber		OCT 3 1991	<i>CS.</i>
617	Drill and Tap Sight Holes		OCT 4 1991	<i>LB</i>
618	Polish Barrel		OCT 4 1991	<i>WB</i>
620	Apply Coatings (Barrel Action)		<i>10-18-91</i>	<i>TH</i>
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		<i>10/18/91</i>	<i>RW</i>
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		<i>10/18/91</i>	<i>RW</i>
	C) Inspect Ejector Hole for Chamfer		<i>10/18/91</i>	<i>RW</i>
	D) Oil Firing Pin Ass'y		<i>10/18/91</i>	<i>RW</i>
	E) Adjust Trigger Pull to Min Setting and Stake		<i>11-19-91</i>	<i>JH</i>

op. #	BARBER M24 0030610	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			11/20/91	WLB
	G) Safety Off Force	2 3/4	2 3/4	2 3/4			11/20/91	WLB
	H) Trigger Pull Test & Retainability						11/19/91	WLB
	I) Firing Pin Indent	.0205	.021	.021			11/20/91	WLB
	J) Assemble Stock						11/20/91	RW
	K) Assemble Swivel Studs						11-22-91	D/H
	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						11-21-91	D/H
	A) Time						11-21-91	D/H
	B) Malfunctions						11-21-91	D/H
	C) Pierced Primers						11-21-91	D/H
	D) Optical Clarity of Scope						11-21-91	D/H
645	Inspect for Live Ammo						11-21-91	D/H
655	Final Inspection							
	A) Headspace						11-22-91	D/H
	B) Trigger Pull	2.65	2.56	2.60	2.60	2.62	11-25-91	WLB
	C) Function						11-22-91	D/H
660	Pack						12-17-91	WLB

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6649011

DATE 11-19-91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.53	2.54	2.65	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.54	2.56	2.56	
PULL #3	2.52	2.56	2.60	2.60	
PULL #4	2.57	2.61	2.44	2.60	
PULL #5	2.56	2.64	2.51	2.62	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.36		
PULL #2	3.34	3.35		
PULL #3	3.37	3.20		
PULL #4	3.38	3.21		
PULL #5	3.36	3.20		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.41	4.42		4.40
PULL #2	4.53	4.45		4.49
PULL #3	4.50	4.50		4.40
PULL #4	4.45	4.47		4.38
PULL #5	4.52	4.40		4.50
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06649011
21 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.157892
1 TO	2	.0608112
1 TO	3	.477213
1 TO	4	.0347131
1 TO	5	.422849

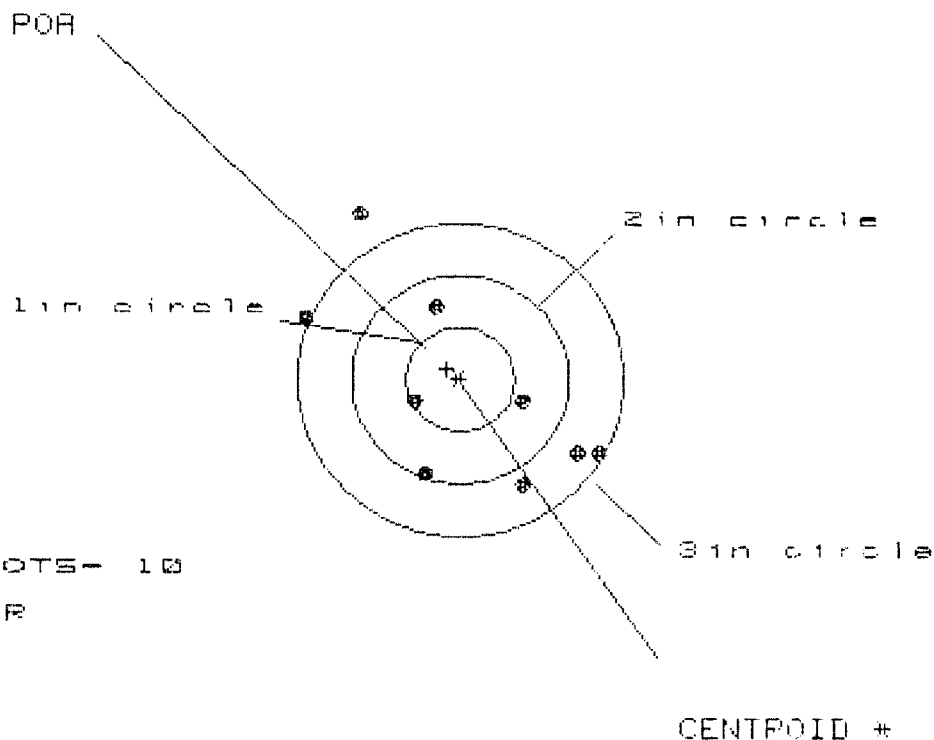
³
5.0 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0262
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0198
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0044569
THE AMR FOR THIS RIFLE IS: .9884

21 Nov 1931

FILE:/PATTERNING/CENTERFIRE_PATT/06649011

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.713

VS= 2.507

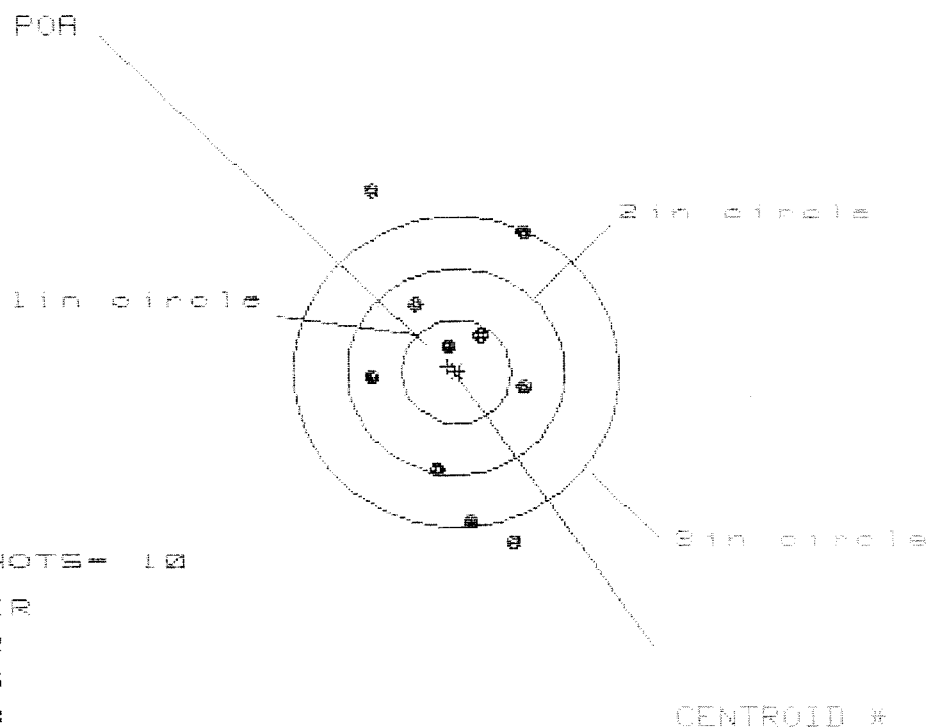
GS= 3.142

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.306	1.205	1.016
MINIMUM X	-1.407	-1.508	-.726
MAXIMUM Y	1.552	.917	1.015
MINIMUM Y	-.955	-.782	-.684
CENTROID X	.123	.224	.413
CENTROID Y	-.099	-.272	-.370
POA TO CENTROID in.	.158	.352	.554
MIN RADIUS	.479	.454	.264
MEAN RADIUS	1.081	.981	.861
MAX RADIUS	1.801	1.700	1.138
HORIZONTAL SPREAD	2.713	2.713	1.742
VERTICAL SPREAD	2.507	1.699	1.699
EXTREME SPREAD	3.142	3.001	2.086
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

21 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8849801

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 8

HS = 1.389

VS = 3.405

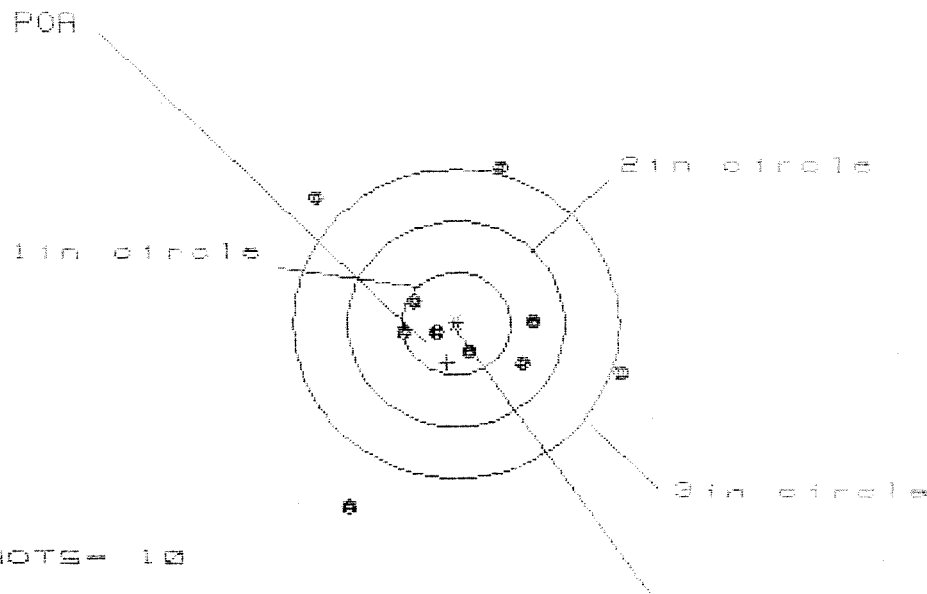
GS = 3.665

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.689	.521	.581
MINIMUM X	:	-.790	-.849	-.789
MAXIMUM Y	:	1.716	1.542	1.355
MINIMUM Y	:	-1.689	-1.499	-1.453
CENTROID X	:	.080	.168	.108
CENTROID Y	:	-.056	-.246	-.059
POA TO CENTROID in.	:	.097	.298	.123
MIN RADIUS	:	.264	.471	.274
MEAN RADIUS	:	1.031	.952	.831
MAX RADIUS	:	1.889	1.628	1.474
HORIZONTAL SPREAD	:	1.399	1.370	1.370
VERTICAL SPREAD	:	3.405	3.041	2.800
EXTREME SPREAD	:	3.665	3.041	2.844
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	

21 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649011

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 6

3 in = 6

HS= 2.837

VS= 3.332

GS= 3.589

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.527	1.420	1.243
MINIMUM X	:	-1.310	-1.417	-1.724
MAXIMUM Y	:	1.555	1.357	1.489
MINIMUM Y	:	-1.777	-1.625	-1.493
CENTROID X	:	.089	.196	.373
CENTROID Y	:	.377	.575	.443
POA TO CENTROID in.	:	.388	.607	.579
MIN RADIUS	:	.203	.416	.390
MEAN RADIUS	:	.985	.899	.763
MAX RADIUS	:	2.021	1.766	1.492
HORIZONTAL SPREAD	:	2.837	2.837	1.967
VERTICAL SPREAD	:	3.332	1.982	1.982
EXTREME SPREAD	:	3.589	3.297	2.294
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		6	

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CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.682

VS= 2.500

GS= 2.713

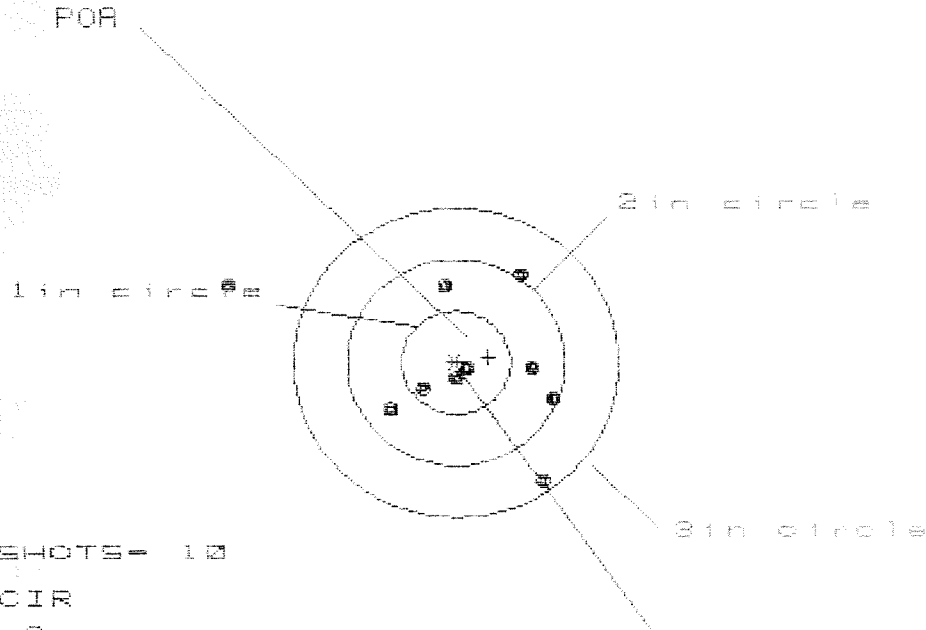
CENTROID *

PATTERN #	:	4
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.445
MINIMUM X	:	-1.237
MAXIMUM Y	:	1.218
MINIMUM Y	:	-1.282
CENTROID X	:	.146
CENTROID Y	:	-.073
POA TO CENTROID in.	:	.163
MIN RADIUS	:	.438
MEAN RADIUS	:	.998
MAX RADIUS	:	1.646
HORIZONTAL SPREAD	:	2.682
VERTICAL SPREAD	:	2.500
EXTREME SPREAD	:	2.713
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/06645011

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS = 2.857

VS = 2.021

GS = 3.416

PATTERN #	3	5	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.887	.657	.723
MINIMUM X	-2.070	-.833	-.767
MAXIMUM Y	.899	.988	.858
MINIMUM Y	-1.122	-1.033	-.503
CENTROID X	-.297	-.067	-.133
CENTROID Y	-.050	-.139	-.089
POA TO CENTROID in.	.302	.154	.134
MIN RADIUS	.071	.180	.138
MEAN RADIUS	.847	.687	.619
MAX RADIUS	2.217	1.161	.958
HORIZONTAL SPREAD	2.957	1.490	1.490
VERTICAL SPREAD	2.021	2.021	1.361
EXTREME SPREAD	3.416	2.052	1.810
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	