

FORM

UPC



0 47700 25716 7

C6649011

BARREL LENGTH
CAPACITY*
*INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO.

5716

Remington



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

MODEL 700 TM M24

SERIAL NO.
C6649011

20

ORDER NO.
5716

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



5716 C6649011

ORDER 5716
MODEL 700 TM M24
UPC



ORDER 5716
MODEL 700 TM M24
UPC



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	RW
600	Proof	9 26 9 1		RW
607	Check Headspace	9 28 9 1		RW
610	Dis-assemble Gun	9 31		RW
612	Magnaflux Barrel Action	OCT	3 1991	KCR
	Magnaflux Bolt	OCT	3 1991	KCR
615	Rollmark Caliber	OCT	3 1991	CS.
617	Drill and Tap Sight Holes	OCT	4 1991	LB
618	Polish Barrel	OCT	4 1991	WB
620	Apply Coatings (Barrel Action)		10-18-91	TH
	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		11-19-91	JH

op. #	OP. NAME	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

SWS TRIGGER PULL TEST

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

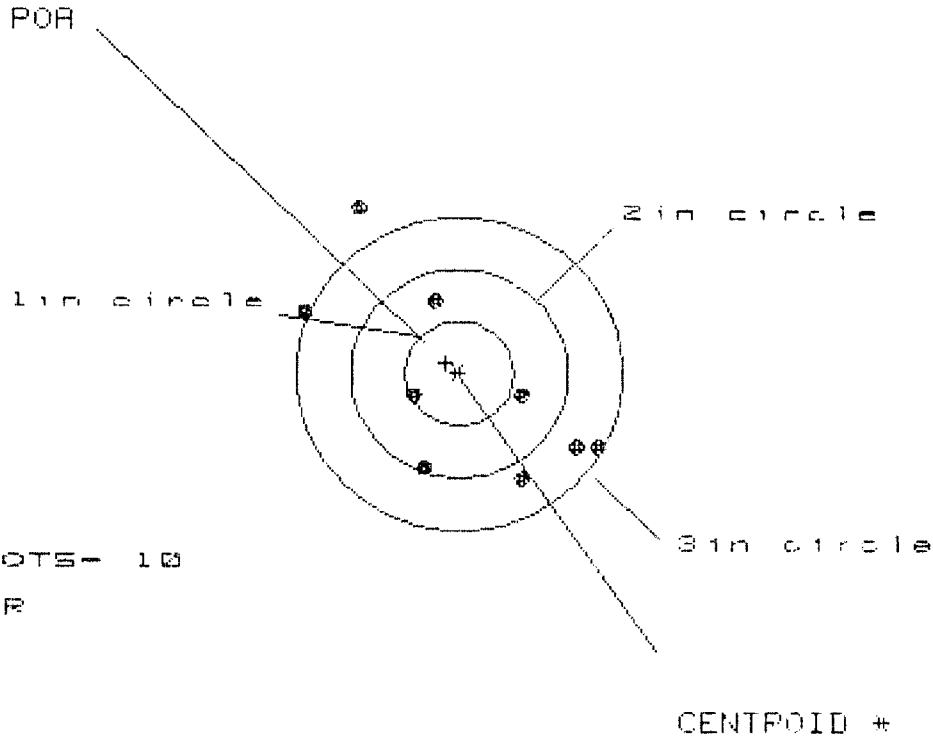
³
5.0 <----POA

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: .0744569
THE AMR FOR THIS RIFLE IS: .9884

21 Nov 1931

FILE:/PATTERNING/CENTERFIRE_PATT/C6649011

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.713

VS= 2.507

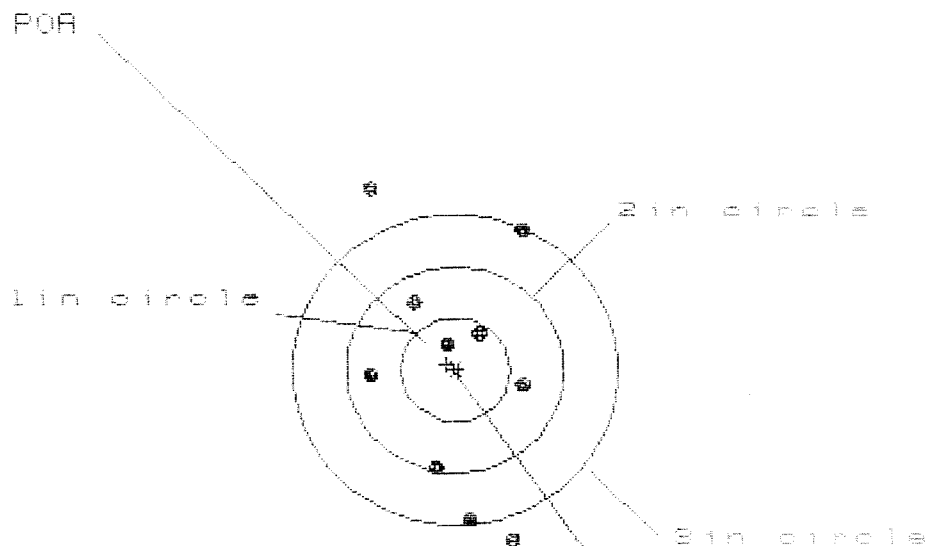
GS= 3.142

PATTERN #	:	1		
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
POR 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/C8849011

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 8

HS = 1.389

VS = 3.405

GS = 3.665

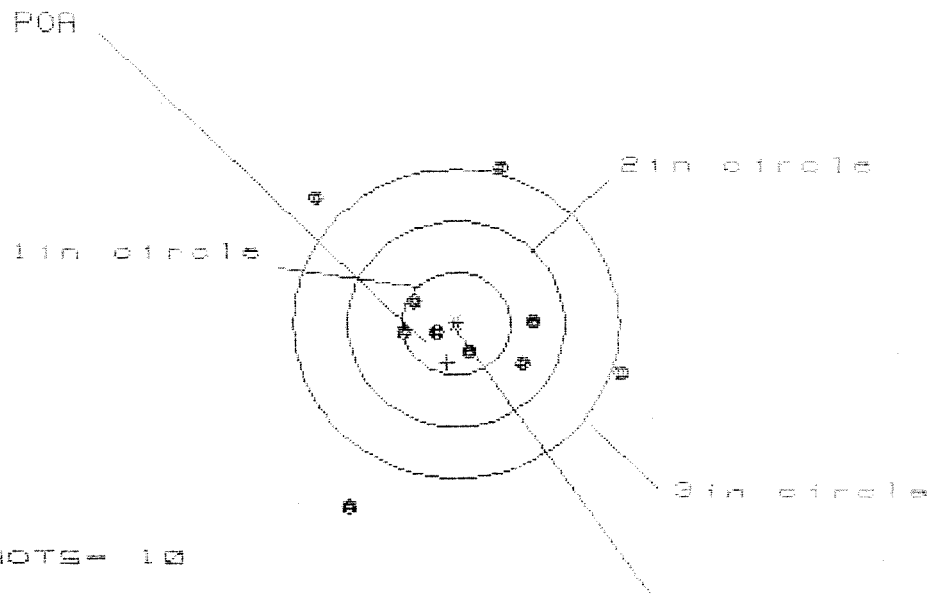
CENTROID #

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 = 5

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	

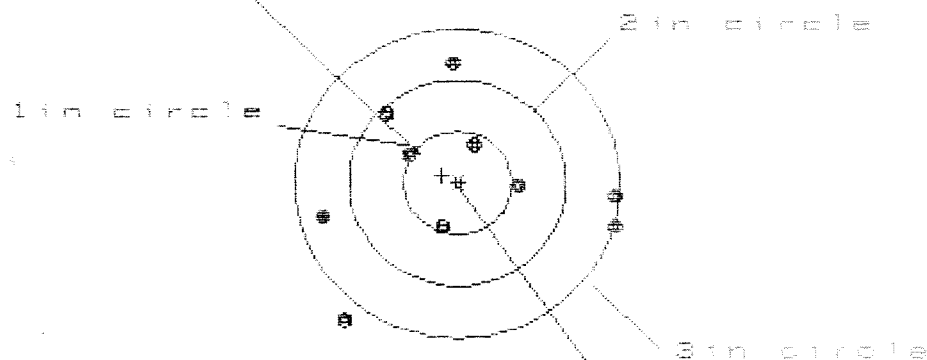
21 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C86480L1

CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.682

VS= 2.500

GS= 2.713

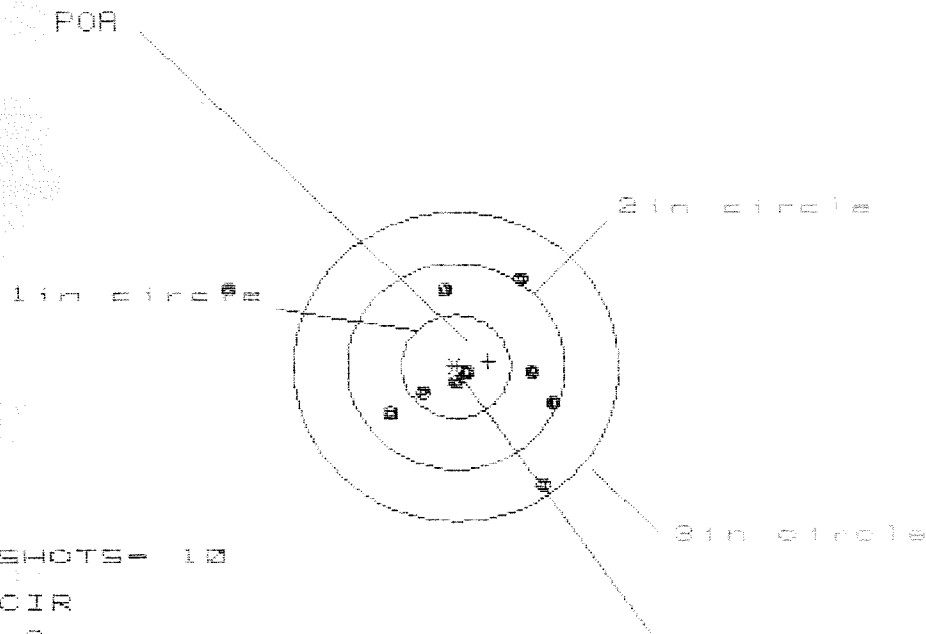
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.445	1.330	1.467
MINIMUM X	:	-1.237	-1.352	-1.186
MAXIMUM Y	:	1.218	1.075	1.000
MINIMUM Y	:	-1.282	-1.585	-1.652
CENTROID X	:	.146	.261	.095
CENTROID Y	:	-.073	.070	.137
POA TO CENTROID in.	:	.163	.270	.167
MIN RADIUS	:	.438	.268	.293
MEAN RADIUS	:	.998	.908	.822
MAX RADIUS	:	1.646	1.436	1.502
HORIZONTAL SPREAD	:	2.682	2.682	2.653
VERTICAL SPREAD	:	2.500	1.660	1.660
EXTREME SPREAD	:	2.713	2.683	2.662
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

21 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06645011

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.857

VS= 2.021

GS= 3.416

CENTROID #

PATTERN #	:	3		
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	