

11-11-11 11:11:11

FORM

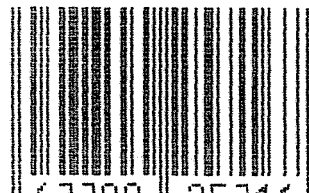
C6649016

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

UPC



0 47700 25716 7

5716

ORDER NO.

MODEL 700 TM M24

Remington



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

MODEL 700 TM M24

SERIAL NO.
C6649016

ORDER NO.
5716

20

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



5716 C6649016

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6649016*

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	<i>9 23</i>	<i>81</i>	<i>RW</i>
600	Proof	<i>9 26</i>	<i>91</i>	<i>RW</i>
607	Check Headspace	<i>9 26</i>	<i>91</i>	<i>RW</i>
610	Dis-assemble Gun	<i>9 26</i>	<i>91</i>	<i>RW</i>
612	Magnaflux Barrel Action	OCT	3 1991	<i>Kcd</i>
	Magnaflux Bolt	OCT	3 1991	<i>Kcd</i>
615	Rollmark Caliber	OCT	3 1991	<i>GS</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>11-25-91</i>	<i>JK</i>

Op. #	OPERATION	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			11-25-91	YJ
	G) Safety Off Force	3	3	3			11-25-91	YJ
	H) Trigger Pull Test & Retainability						11-25-91	YJ
	I) Firing Pin Indent	.0205	.0205	.0205			11-25-91	YJ
	J) Assemble Stock						11/25/91	RW
	K) Assemble Swivel Studs						11-27-91	D/H
	L) Attach Front and Rear Sight Assemblies						11/25/91	RW
	M) Iron Sight Alignment						11/25/91	RW
	N) Detach Front & Rear Sights & place in numbered container						11/25/91	RW
	O) Attach Scope to Rifle						11/25/91	RW
	P) Detach & Attach Scope 20 Times						11/25/91	RW
640	Gallery Target & Test						11-25-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						11-25-91	NF
655	Final Inspection							
	A) Headspace						11-27-91	D/H
	B) Trigger Pull	2.59	2.51	2.66	2.73	2.74	11-26-91	D/H
	C) Function						11-27-91	D/H
660	Pack						12-19-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO C-6649016

DATE 11-25-91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.52	2.23	2.30	2.59	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.20	2.33	2.51	
PULL #3	2.35	2.32	2.48	2.66	
PULL #4	2.34	2.26	2.44	2.73	
PULL #5	2.24	2.28	2.25	2.74	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.60	3.37		
PULL #2	3.29	3.42		
PULL #3	3.41	3.36		
PULL #4	3.31	3.44		
PULL #5	3.48	3.30		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.24		4.38
PULL #2	4.35	4.20		4.35
PULL #3	4.31	4.29		4.29
PULL #4	4.34	4.34		4.37
PULL #5	4.23	4.28		4.38
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649016
25 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.243502
1 TO	2	.26537
1 TO	3	.216933
1 TO	4	.288043
1 TO	5	.333264

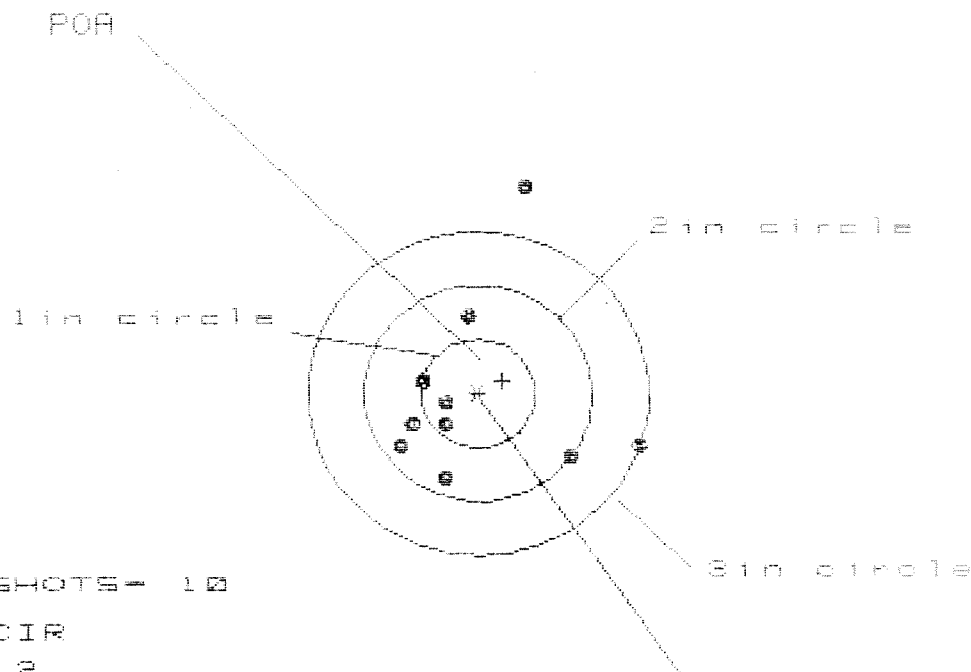
 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.021
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1194
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .121237
THE AMR FOR THIS RIFLE IS: 1.12

25 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649816

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.114

VS= 2.791

GS= 2.884

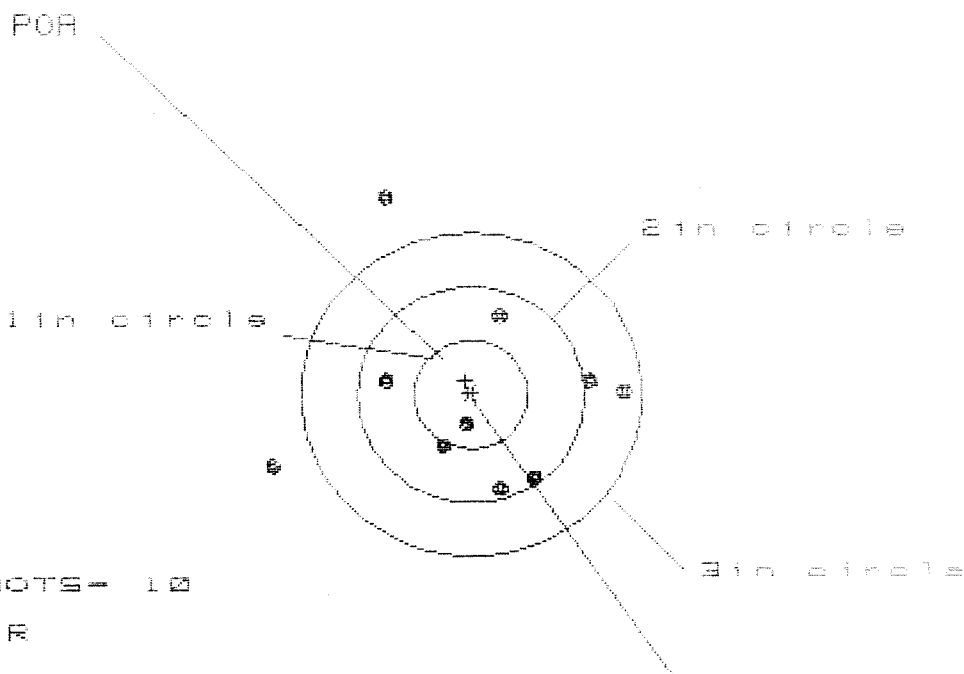
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.422	1.467	1.061
MINIMUM X	-.692	-.647	-.463
MAXIMUM Y	1.963	.937	.907
MINIMUM Y	-.828	-.609	-.639
CENTROID X	-.213	-.258	-.442
CENTROID Y	-.118	-.337	-.307
POA TO CENTROID in.	.244	.424	.538
MIN RADIUS	.274	.207	.050
MEAN RADIUS	.871	.705	.528
MAX RADIUS	2.005	1.486	1.140
HORIZONTAL SPREAD	2.114	2.114	1.524
VERTICAL SPREAD	2.791	1.546	1.546
EXTREME SPREAD	2.884	2.114	1.599
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

25 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8549016

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 3.102

VS= 2.688

GS= 3.183

CENTROID #

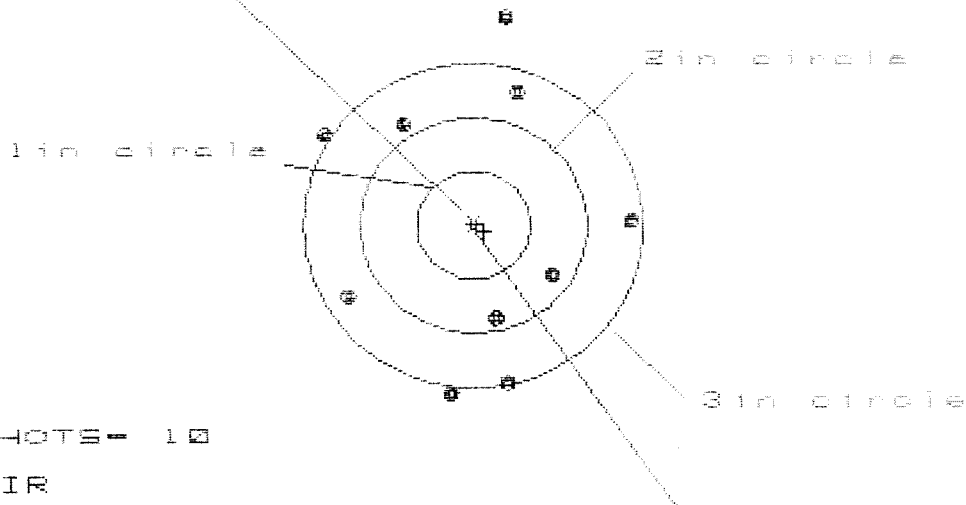
PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.391	1.312	1.089
MINIMUM X	:	-1.711	-1.790	-1.024
MAXIMUM Y	:	1.869	.918	.864
MINIMUM Y	:	-.819	-.611	-.665
CENTROID X	:	.052	.131	.354
CENTROID Y	:	-.132	-.340	-.286
POA TO CENTROID in.	:	.142	.364	.455
MIN RADIUS	:	.250	.161	.391
MEAN RADIUS	:	1.040	.892	.762
MAX RADIUS	:	1.999	1.841	1.112
HORIZONTAL SPREAD	:	3.102	3.102	2.113
VERTICAL SPREAD	:	2.688	1.529	1.529
EXTREME SPREAD	:	3.183	3.183	2.115
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

25 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8849016

CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1in = 0

2in = 2

3in = 6

HS= 2.662

VS= 3.409

GS= 3.440

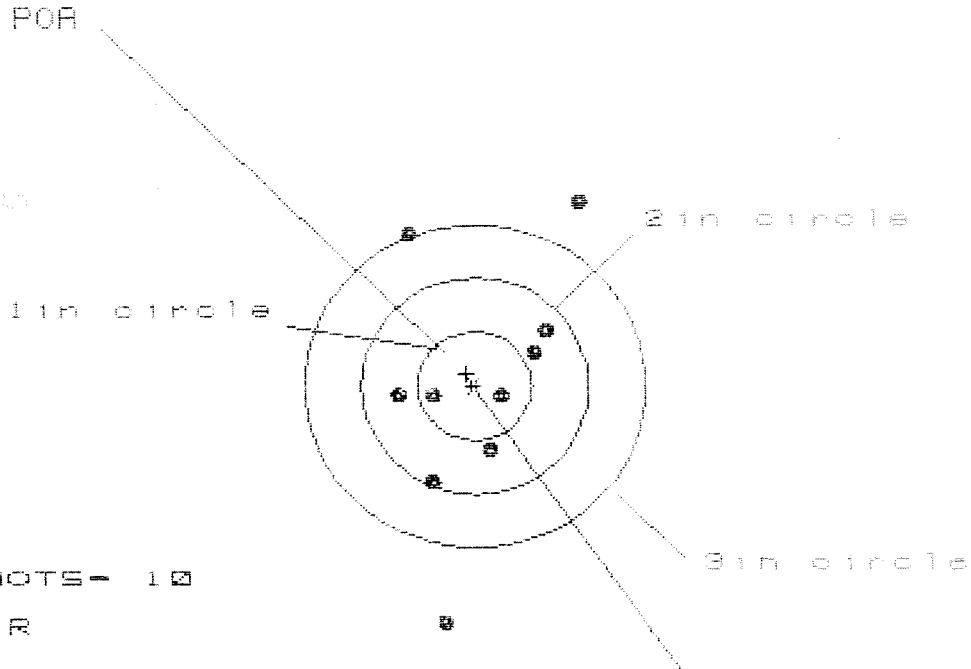
CENTROID #

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.343	1.377	1.216
MINIMUM X	-1.319	-1.285	-1.211
MAXIMUM Y	1.893	1.461	1.598
MINIMUM Y	-1.516	-1.306	-1.169
CENTROID X	-.089	-.123	.038
CENTROID Y	.060	-.150	-.287
POA TO CENTROID in.	.108	.194	.290
MIN RADIUS	.845	.710	.548
MEAN RADIUS	1.337	1.243	1.143
MAX RADIUS	1.917	1.689	1.619
HORIZONTAL SPREAD	2.662	2.662	2.427
VERTICAL SPREAD	3.409	2.767	2.767
EXTREME SPREAD	3.440	2.869	2.820
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	2		
NUMBER IN THREE INCH CIRCLE =	6		

25 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649016

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 2

2in = 7

3in = 7

HS= 1.518

VS= 3.956

GS= 4.119

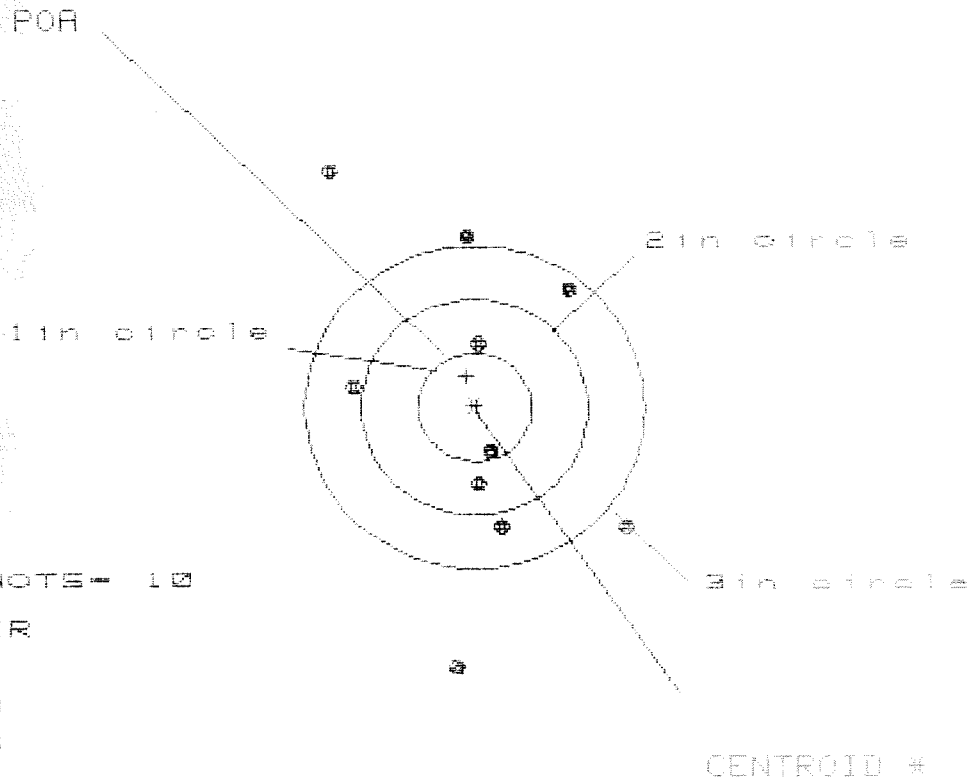
CENTROID #

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.882	.853	.663
MINIMUM X	:	-.636	-.665	-.558
MAXIMUM Y	:	1.742	1.496	1.344
MINIMUM Y	:	-2.214	-1.147	-.960
CENTROID X	:	.075	.105	-.002
CENTROID Y	:	-.113	.133	-.054
POA TO CENTROID in.	:	.136	.169	.054
MIN RADIUS	:	.190	.334	.283
MEAN RADIUS	:	.988	.865	.719
MAX RADIUS	:	2.230	1.722	1.440
HORIZONTAL SPREAD	:	1.518	1.518	1.221
VERTICAL SPREAD	:	3.956	2.643	2.304
EXTREME SPREAD	:	4.119	2.909	2.319
NUMBER IN ONE INCH CIRCLE	=	2	2	2
NUMBER IN TWO INCH CIRCLE	=	7	7	7
NUMBER IN THREE INCH CIRCLE	=	7	7	7

25 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8845016

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 2.595

VS= 4.604

GS= 4.723

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.334	1.194	1.151
MINIMUM X	-1.261	-1.196	-1.239
MAXIMUM Y	2.238	1.890	1.625
MINIMUM Y	-2.374	-2.127	-1.136
CENTROID X	.070	.210	.253
CENTROID Y	-.294	-.541	-.276
POA TO CENTROID in.	.302	.581	.374
MIN RADIUS	.454	.194	.463
MEAN RADIUS	1.364	1.185	1.083
MAX RADIUS	2.561	2.155	1.649
HORIZONTAL SPREAD	2.595	2.398	2.398
VERTICAL SPREAD	4.604	4.017	2.761
EXTREME SPREAD	4.723	4.018	3.112
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	6		