

FORM

UPC



C6636236

*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.

C6636236

ORDER NO.

5716

20

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



5716 C6636236

ORDER 5716

MODEL 700™ M24

UPC



0 47700 25716 7

ORDER 5716

MODEL 700™ M24

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # **C6636236**

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/27/91	KH
600	Proof		6/27/91	KH
607	Check Headspace		6/27/91	KH
610	Dis-assemble Gun		6/27/91	KH
612	Magnaflux Barrel Action		JUL 2 1991	KR
	Magnaflux Bolt		JUL 2 1991	KR
615	Rollmark Caliber		JUL 2 1991	KR
617	Drill and Tap Sight Holes		JUL 2 1991	FB
618	Polish Barrel		JUL 17 1991	WB
620	Apply Coatings (Barrel Action)		8-10-91	HA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/30/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/30/91	KH
	C) Inspect Ejector Hole for Chamfer		10/30/91	KH
	D) Oil Firing Pin Ass'y		10/30/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		10/31/91	HA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10/31/91	JK
	G) Safety Off Force	3	3	3			10/31/91	JK
	H) Trigger Pull Test & Retainability						10/31/91	JK
	I) Firing Pin Indent	1021	10205	10205			10/31/91	JK
	J) Assemble Stock						10/31/91	JK
	K) Assemble Swivel Studs						11-12-91	AC
	L) Attach Front and Rear Sight Assemblies						10/31/91	JK
	M) Iron Sight Alignment						10/31/91	JK
	N) Detach Front & Rear Sights & place in numbered container						10/31/91	JK
	O) Attach Scope to Rifle						10/31/91	JK
	P) Detach & Attach Scope 20 Times						10/31/91	JK
640	Gallery Target & Test						11-1-91	DH
	A) Time						11-1-91	DH
	B) Malfunctions						11-1-91	DH
	C) Pierced Primers						11-1-91	DH
	D) Optical Clarity of Scope						11-1-91	DH
645	Inspect for Live Ammo						11-1-91	DH
655	Final Inspection							
	A) Headspace						11-12-91	AC
	B) Trigger Pull	232	221	219	220	217	11-5-91	DH
	C) Function						11-12-91	AC
660	Pack						12-20-91	N

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C-6636236

DATE 10/31/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.60	2.34	2.36	2.32	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.33	2.23	2.21	
PULL #3	2.35	2.38	2.33	2.19	
PULL #4	2.33	2.32	2.36	2.20	
PULL #5	2.34	2.29	2.30	2.17	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.14		
PULL #2	3.20	3.36		
PULL #3	3.46	3.35		
PULL #4	3.38	3.26		
PULL #5	3.38	3.41		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.58		4.16
PULL #2	4.47	4.57		4.44
PULL #3	4.56	4.45		4.23
PULL #4	4.59	4.53		4.39
PULL #5	4.43	4.29		4.24
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636236
1 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.53188
1 TO	2	.468471
1 TO	3	1.17913
1 TO	4	.508932
1 TO	5	.635442

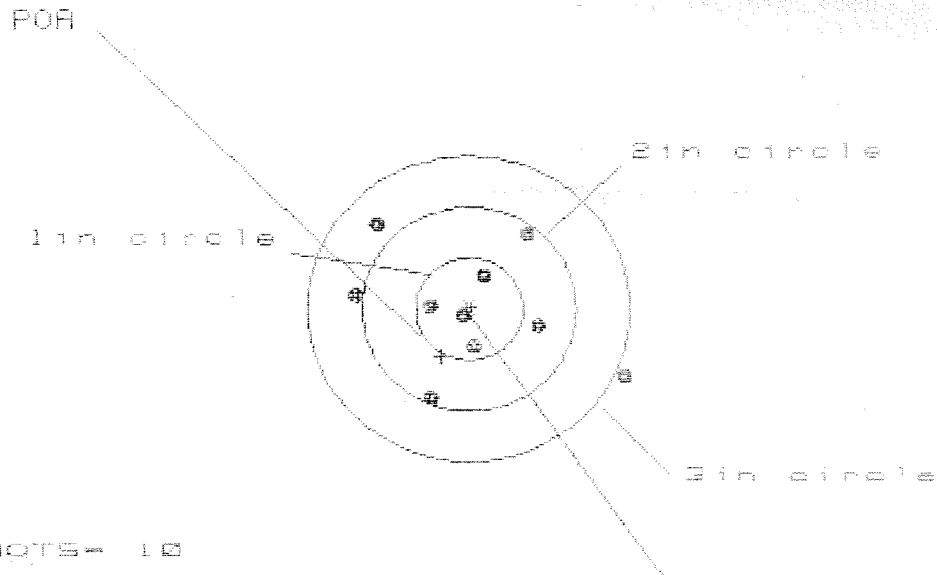
1
12 4 ←---FOR
3

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4434
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.9254
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .444127
THE AMR FOR THIS RIFLE IS: .9994

1 Nov 1931

FILE:/PATTERNING/CENTERFIRE_PATT/C6636236

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 4

2in = 7

3in = 9

HS= 2.503

VS= 1.785

GS= 2.721

CENTROID +

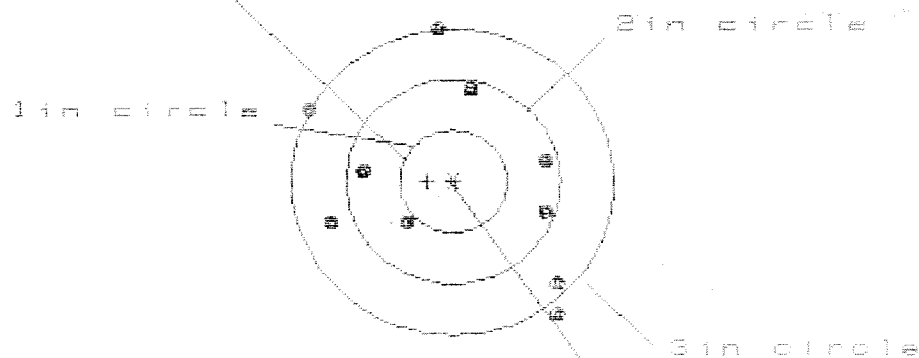
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.407	.823	.734
MINIMUM X	:	-1.096	-.940	-1.029
MAXIMUM Y	:	.875	.806	.796
MINIMUM Y	:	-.910	-.979	-.878
CENTROID X	:	.260	.104	.193
CENTROID Y	:	.464	.533	.432
POR TO CENTROID in.	:	.532	.543	.473
MIN RADIUS	:	.111	.147	.039
MEAN RADIUS	:	.769	.677	.603
MAX RADIUS	:	1.537	1.075	1.036
HORIZONTAL SPREAD	:	2.503	1.763	1.768
VERTICAL SPREAD	:	1.785	1.785	1.674
EXTREME SPREAD	:	2.721	1.928	1.928
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

1 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06090230

CENTERFIRE PATTERNS # 2

POA



OF SHOTS - 10

IN CIR

1in = 0

2in = 5

3in = 8

HS= 2.278

VS= 2.814

GS= 3.007

CENTROID *

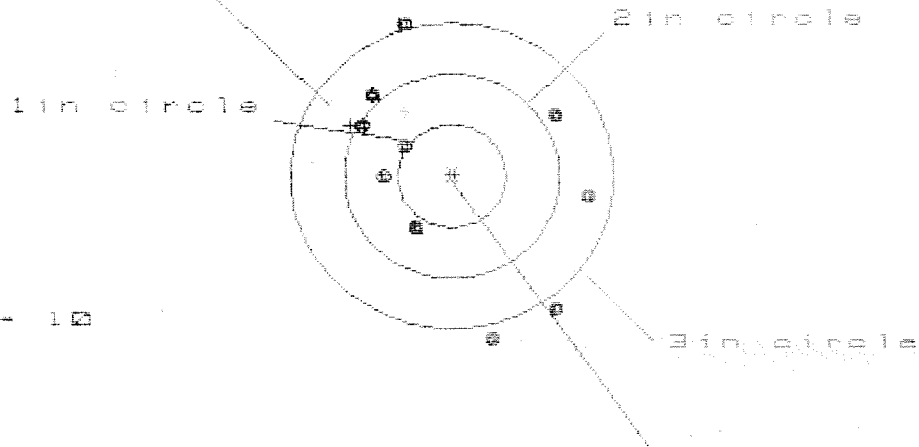
PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.985	1.088	1.083
MINIMUM X	-1.293	-1.190	-1.195
MAXIMUM Y	1.537	1.396	.890
MINIMUM Y	-1.277	-1.127	-.953
CENTROID X	.239	.136	.141
CENTROID Y	-.004	.137	-.037
POA TO CENTROID in.	.239	.194	.146
MIN RADIUS	.592	.643	.502
MEAN RADIUS	1.131	1.070	1.016
MAX RADIUS	1.574	1.566	1.443
HORIZONTAL SPREAD	2.278	2.278	2.278
VERTICAL SPREAD	2.814	2.523	1.843
EXTREME SPREAD	3.007	2.825	2.825
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

1 May 1991

FILE: \PATTERNING\CENTERFIRE_PATT\0863B238

CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 7

HS= 2.054

VS= 3.042

GS= 3.140

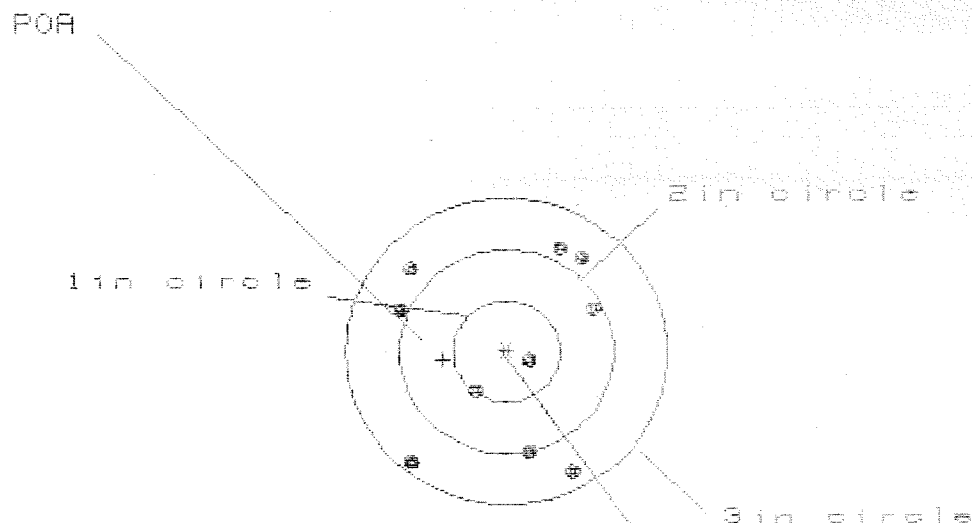
CENTROID #

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.255	1.291	1.415
MINIMUM X	:	-1.809	-1.773	-1.649
MAXIMUM Y	:	1.458	1.282	1.100
MINIMUM Y	:	-1.584	-1.455	-1.862
CENTROID X	:	.939	.903	.779
CENTROID Y	:	-.500	-.324	-.142
POA TO CENTROID in.	:	1.064	.960	.792
MIN RADIUS	:	.543	.428	.282
MEAN RADIUS	:	1.096	1.013	.872
MAX RADIUS	:	1.617	1.761	1.539
HORIZONTAL SPREAD	:	2.064	2.064	2.064
VERTICAL SPREAD	:	3.042	2.737	1.962
EXTREME SPREAD	:	3.140	3.079	2.415
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	7		

1 Nov 1991

FILE://PATTERNING/CENTERFIRE_PATT/C883B236

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 10

HS = 1.851

VS = 2.187

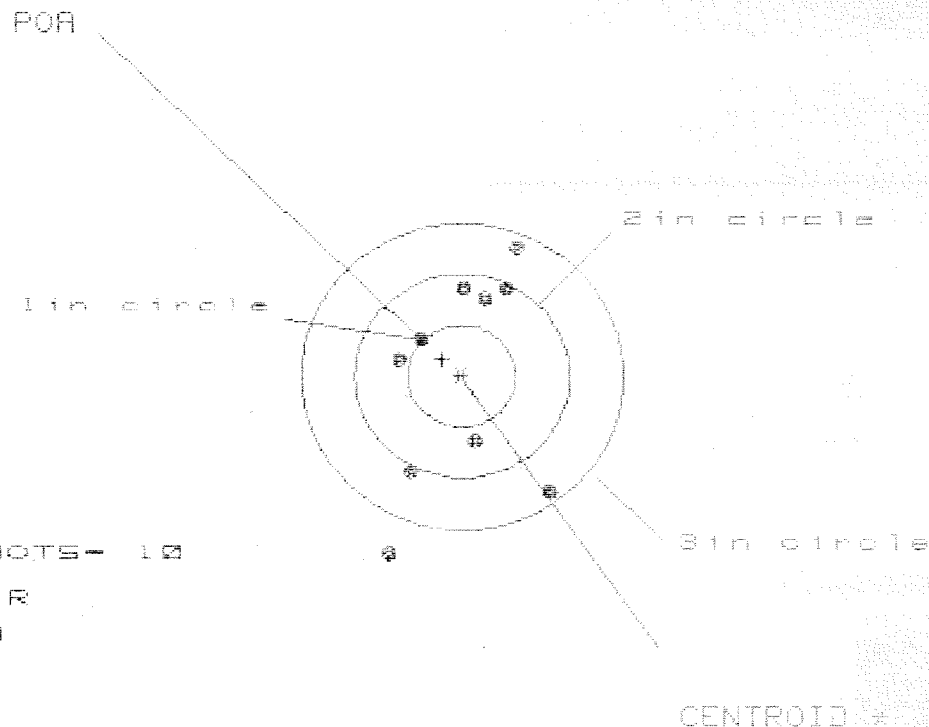
GS = 2.533

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.816	.722	.792
MINIMUM X	:	-1.035	-1.129	-1.059
MAXIMUM Y	:	1.032	.916	.757
MINIMUM Y	:	-1.155	-1.271	-1.226
CENTROID X	:	.594	.688	.619
CENTROID Y	:	.080	.196	.355
POA TO CENTROID in.	:	.599	.715	.713
MIN RADIUS	:	.225	.239	.412
MEAN RADIUS	:	.999	.955	.985
MAX RADIUS	:	1.343	1.388	1.238
HORIZONTAL SPREAD	:	1.851	1.851	1.851
VERTICAL SPREAD	:	2.187	2.187	1.983
EXTREME SPREAD	:	2.533	2.530	2.102
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

1 May 1991

FILE://PATTERNING/CENTERFIRE_PATT/C8636236

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 8

HS= 1.493

VS= 2.956

GS= 3.208

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.807
MINIMUM X	-.686
MAXIMUM Y	1.267
MINIMUM Y	-1.689
CENTROID X	.185
CENTROID Y	-.167
POA TO CENTROID in.	.249
MIN RADIUS	.538
MEAN RADIUS	1.002
MAX RADIUS	1.923
HORIZONTAL SPREAD	1.493
VERTICAL SPREAD	2.956
EXTREME SPREAD	3.208
NUMBER IN ONE INCH CIRCLE =	0
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8