

FORM

UPC



0 47700 25716 7

C6636243

CAPACITY*
*INCLUDES 1 IN CHAMBER

5716

ORDER NO.

BARREL LENGTH

MODEL 700 TM M24

Remington



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

MODEL 700 TM M24

SERIAL NO.
C6636243

20

ORDER NO.
5716

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



5716 C6636243

ORDER 5716
MODEL 700 TM M24

UPC



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ORDER 5716
MODEL 700 TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636243

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/91	YK
600	Proof		10/1/91	YK
607	Check Headspace		10/1/91	YK
610	Dis-assemble Gun		10/1/91	YK
612	Magnaflux Barrel Action		OCT 8 1991	KR
	Magnaflux Bolt		OCT 8 1991	KR
615	Rollmark Caliber		OCT 8 1991	LS
617	Drill and Tap Sight Holes		OCT 8 1991	LB
618	Polish Barrel		10/14/91	WB
620	Apply Coatings (Barrel Action)		11/1/91	JA
	Apply Coating (Bolt)		11/1/91	JA
625	Final Assembly A) Clean inside of Bolt Assembly		11/12/91	YK
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/91	YK
	C) Inspect Ejector Hole for Chamfer		11/12/91	YK
	D) Oil Firing Pin Ass'y		11/12/91	YK
	E) Adjust Trigger Pull to Min Setting and Stake		11-13-91	YK

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			11-13-91	GH
	G) Safety Off Force	3	3	3			11-13-91	GH
	H) Trigger Pull Test & Retainability						11-13-91	GH
	I) Firing Pin Indent	.021	.020	.0205			11-13-91	GH
	J) Assemble Stock						11/13/91	GH
	K) Assemble Swivel Studs						11-27-91	AC
	L) Attach Front and Rear Sight Assemblies						11/13/91	GH
	M) Iron Sight Alignment						11/13/91	GH
	N) Detach Front & Rear Sights & place in numbered container						11/13/91	GH
	O) Attach Scope to Rifle						11/13/91	GH
	P) Detach & Attach Scope 20 Times						11/13/91	GH
640	Gallery Target & Test						11-25-91	D/H
	A) Time						11-25-91	D/H
	B) Malfunctions						11-25-91	D/H
	C) Pierced Primers						11-25-91	D/H
	D) Optical Clarity of Scope						11-25-91	D/H
645	Inspect for Live Ammo						11-25-91	D/H
655	Final Inspection							
	A) Headspace						11-27-91	AC
	B) Trigger Pull	2.35	2.37	2.44	2.50	2.38	11-26-91	D/H
	C) Function						11-27-91	AC
660	Pack						12-20-91	GH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO 0-6636243

DATE 11-13-91

TESTER JY

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.26	2.26	2.60	2.35	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.31	2.65	2.37	
PULL #3	2.29	2.26	2.39	2.44	
PULL #4	2.29	2.65	2.44	2.50	
PULL #5	2.31	2.59	2.48	2.38	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.60	3.47		
PULL #2	3.29	3.39		
PULL #3	3.29	3.48		
PULL #4	3.25	3.41		
PULL #5	3.38	3.42		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.35		4.30
PULL #2	4.44	4.30		4.36
PULL #3	4.36	4.48		4.31
PULL #4	4.40	4.42		4.37
PULL #5	4.30	4.44		4.44
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636243
25 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.343258
1 TO	2	.366292
1 TO	3	.544347
1 TO	4	.177688
1 TO	5	.259509

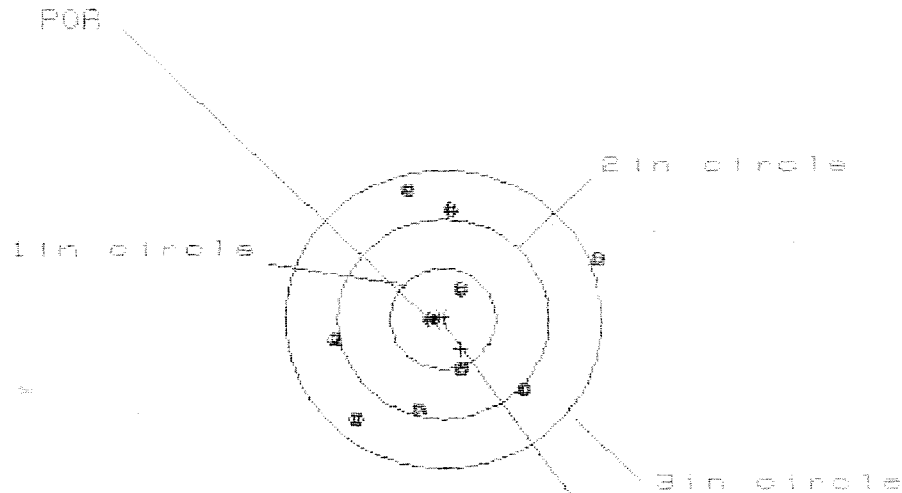
415
321 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1928
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1572
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .248764
THE AMR FOR THIS RIFLE IS: .905

25 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8636243

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 9

HS = 2.484

VS = 2.298

GS = 2.877

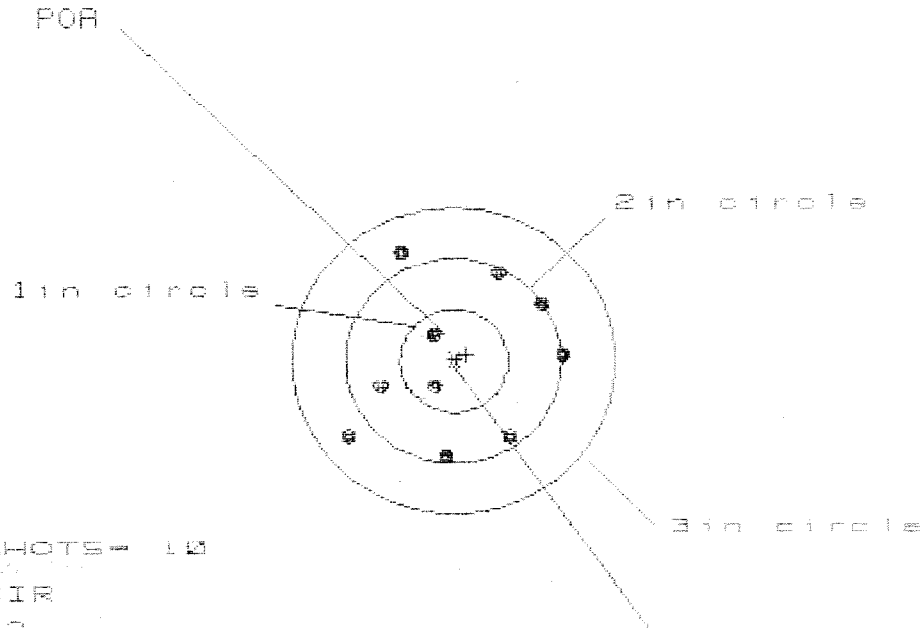
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.470	.973	.884
MINIMUM X	-1.024	-.860	-.949
MAXIMUM Y	1.270	1.341	1.221
MINIMUM Y	-1.028	-.957	-.968
CENTROID X	-.165	-.329	-.240
CENTROID Y	.301	.230	.350
POA TO CENTROID in.	.344	.401	.424
MIN RADIUS	.136	.049	.101
MEAN RADIUS	.945	.856	.810
MAX RADIUS	1.603	1.349	1.243
HORIZONTAL SPREAD	2.494	1.933	1.833
VERTICAL SPREAD	2.298	2.298	2.189
EXTREME SPREAD	2.877	2.367	2.224
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

25 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C869B243

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 10

HS = 1.997

VS = 1.944

GS = 2.294

CENTROID *

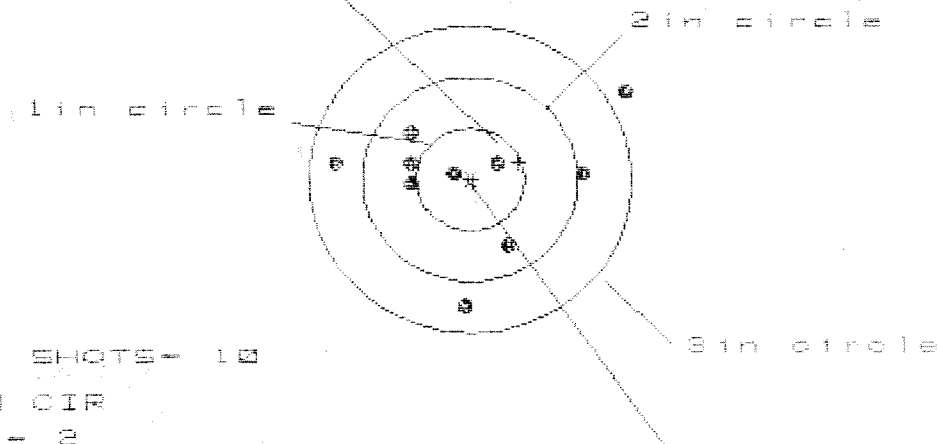
PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.976	.862	.783
MINIMUM X	-1.021	-.820	-.899
MAXIMUM Y	1.051	.966	.947
MINIMUM Y	-.893	-.978	-.857
CENTROID X	-.116	-.902	.077
CENTROID Y	-.062	.023	-.098
POA TO CENTROID in.	.132	.023	.125
MIN RADIUS	.355	.390	.491
MEAN RADIUS	.872	.830	.783
MAX RADIUS	1.276	1.156	.983
HORIZONTAL SPREAD	1.997	1.682	1.682
VERTICAL SPREAD	1.944	1.944	1.804
EXTREME SPREAD	2.294	2.053	1.874
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

25 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636243

CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.681

VS= 2.103

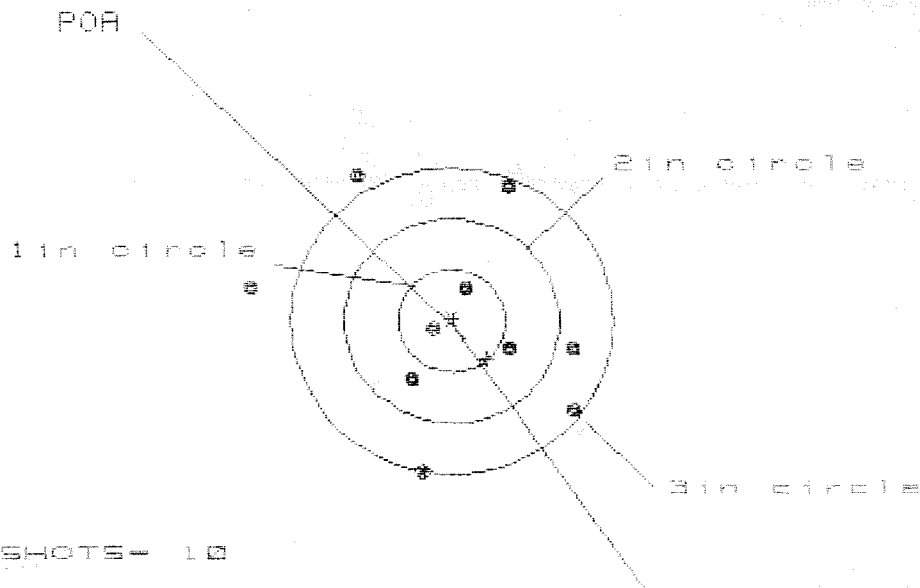
GS= 2.794

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.425	1.178	1.841
MINIMUM X	-1.256	-1.097	-.541
MAXIMUM Y	.901	.525	.552
MINIMUM Y	-1.202	-1.102	-1.075
CENTROID X	-.448	-.607	-.470
CENTROID Y	-.164	-.264	-.291
POA TO CENTROID in.	.478	.662	.553
MIN RADIUS	.140	.142	.202
MEAN RADIUS	.820	.707	.664
MAX RADIUS	1.687	1.186	1.076
HORIZONTAL SPREAD	2.681	2.275	1.582
VERTICAL SPREAD	2.103	1.627	1.627
EXTREME SPREAD	2.794	2.276	1.698
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

25 Nov 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 3.012

VS= 2.844

GS= 3.248

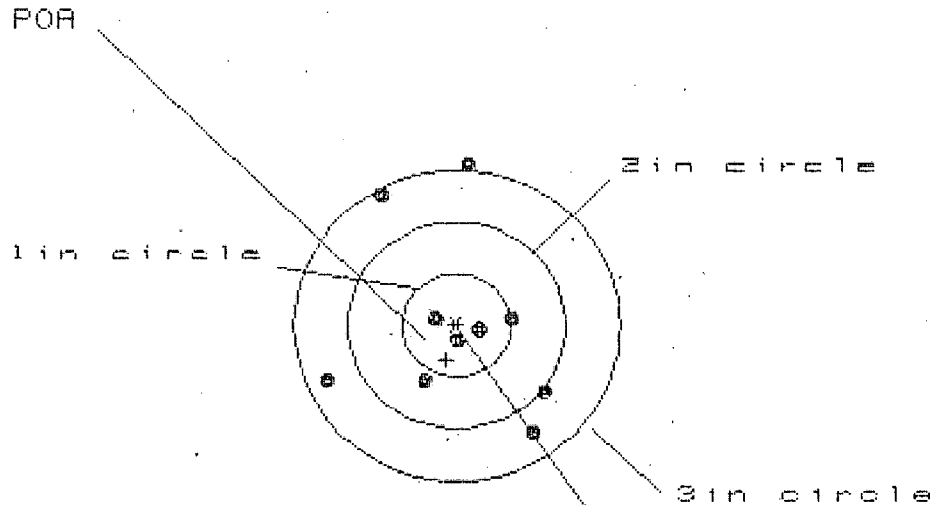
CENTROID *

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.167
MINIMUM X	-1.845
MAXIMUM Y	1.404
MINIMUM Y	-1.440
CENTROID X	-.327
CENTROID Y	.374
POA TO CENTROID in.	.497
MIN RADIUS	.135
MEAN RADIUS	1.064
MAX RADIUS	1.880
HORIZONTAL SPREAD	3.012
VERTICAL SPREAD	2.844
EXTREME SPREAD	3.248
NUMBER IN ONE INCH CIRCLE	= 2
NUMBER IN TWO INCH CIRCLE	= 4
NUMBER IN THREE INCH CIRCLE	= 8

25 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C663E243

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HS= 2.003

VS= 2.608

GS= 2.667

CENTROID #

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.821	.834	.754
MINIMUM X	-1.182	-1.169	-1.258
MAXIMUM Y	1.558	1.401	.415
MINIMUM Y	-1.050	-.877	-.702
CENTROID X	.092	.079	.160
CENTROID Y	.337	.164	-.011
POA TO CENTROID in.	.349	.182	.160
MIN RADIUS	.107	.077	.269
MEAN RADIUS	.824	.727	.641
MAX RADIUS	1.563	1.543	1.262
HORIZONTAL SPREAD	2.003	2.003	2.003
VERTICAL SPREAD	2.608	2.278	1.117
EXTREME SPREAD	2.667	2.643	2.006
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	