

FORM

UPC



0 47700 25716 7

C6636243

*INCLUDES 1 IN CHAMBER

CAPACITY*

MODEL 700 TM M24

ORDER NO.

5716

BARREL LENGTH

Remington



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

MODEL 700 TM M24

SERIAL NO.
C6636243

ORDER NO.
5716

20

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



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636243

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/91	KK
600	Proof		10/1/91	KK
607	Check Headspace		10/1/91	KK
610	Dis-assemble Gun		10/1/91	KK
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	JA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/91	JA
	C) Inspect Ejector Hole for Chamfer		11/12/91	JA
	D) Oil Firing Pin Ass'y		11/12/91	JA
	E) Adjust Trigger Pull to Min Setting and Stake		11-13-91	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			11-13-91	GM
	G) Safety Off Force	3	3	3			11-13-91	GM
	H) Trigger Pull Test & Retainability						11-13-91	GM
	I) Firing Pin Indent	.021	.020	.0205			11-13-91	GM
	J) Assemble Stock						11/13/91	GM
	K) Assemble Swivel Studs						11-27-91	AC
	L) Attach Front and Rear Sight Assemblies						11/13/91	GM
	M) Iron Sight Alignment						11/13/91	GM
	N) Detach Front & Rear Sights & place in numbered container						11/13/91	GM
	O) Attach Scope to Rifle						11/13/91	GM
	P) Detach & Attach Scope 20 Times						11/13/91	GM
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						11-27-91	AC
	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	AC

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C-6636243

DATE 11-13-91

TESTER JG

	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

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

915
321

<----POA

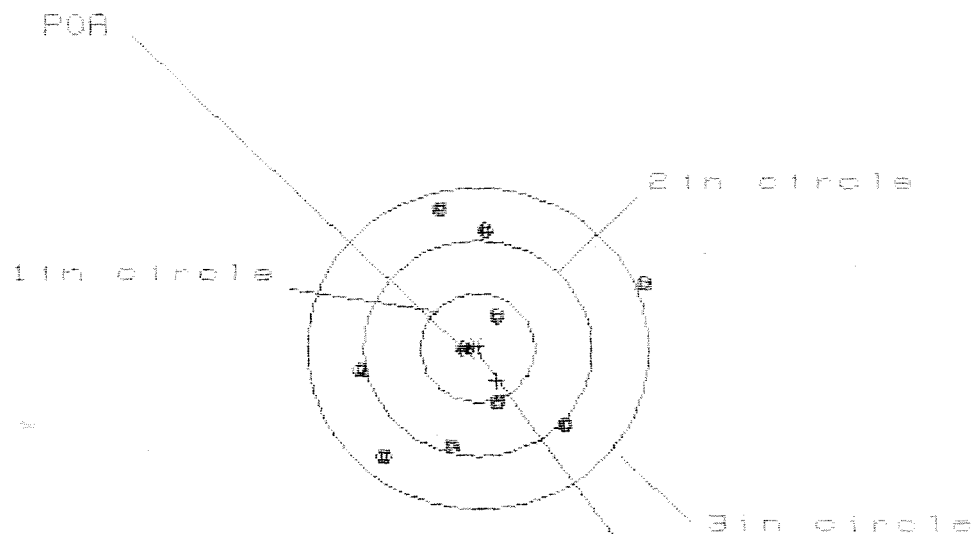
1.41

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/06636243

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 2.494

VS= 2.298

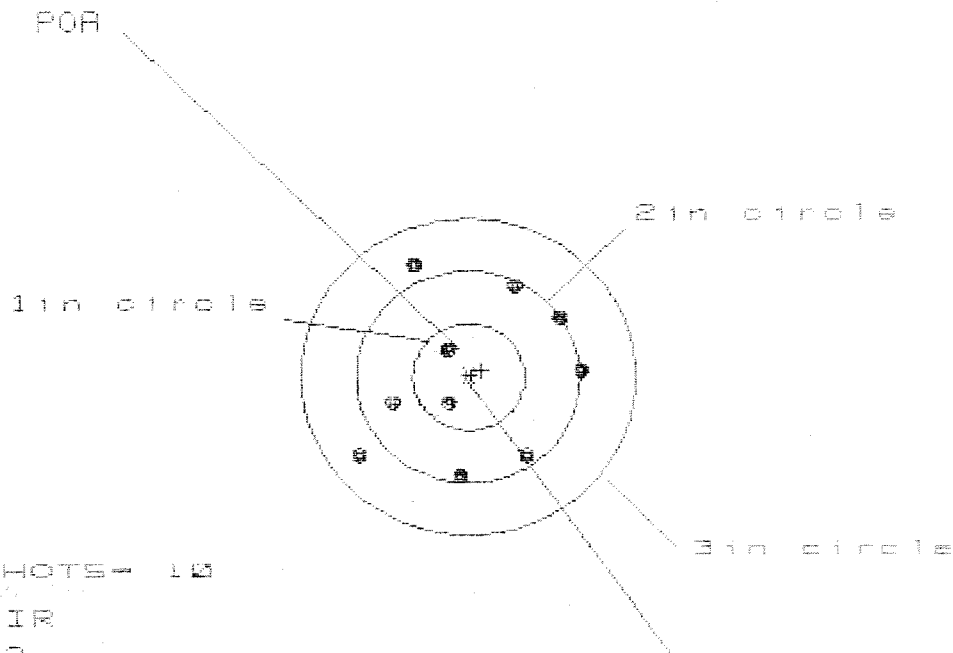
GS= 2.877

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.470	.973	.884
MINIMUM X	:	-1.024	-.850	-.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	1.833	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 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/0863B243

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 1.997

VS= 1.944

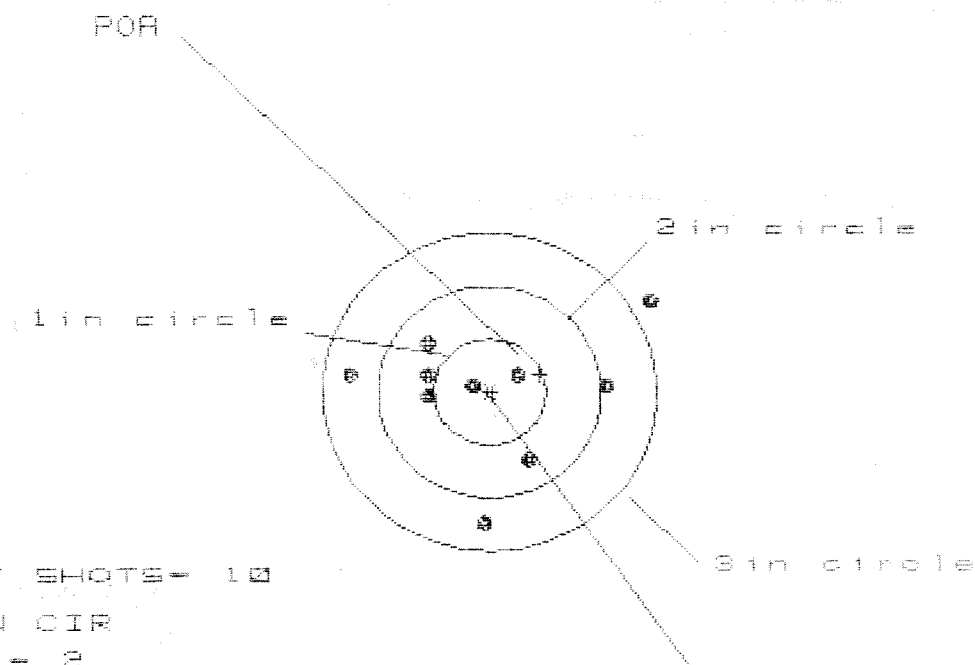
GS= 2.294

PATTERN #	:	2		
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	-.002	.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	1.894
EXTREME SPREAD	:	2.294	2.053	1.874
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

25 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6535243

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.591

VS= 2.103

GS= 2.794

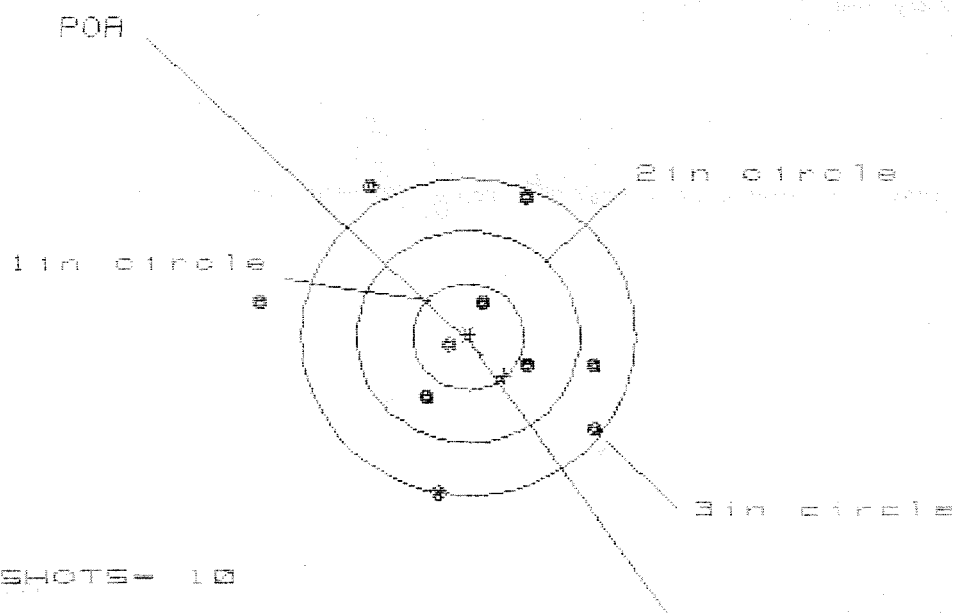
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.425	1.178	1.041
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

FILE:/PATTERNING/CENTERFIRE_PATT/08836243

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 3.012

VS= 2.844

CS= 3.248

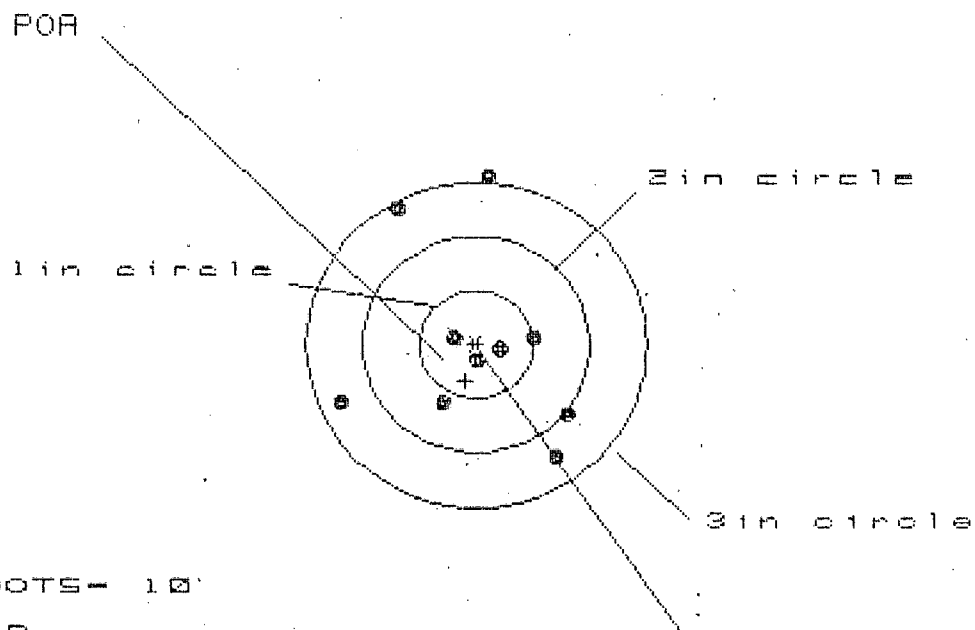
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.167	.962	.826
MINIMUM X	:	-1.845	-1.085	-.671
MAXIMUM Y	:	1.404	1.444	1.499
MINIMUM Y	:	-1.440	-1.400	-1.219
CENTROID X	:	-.327	-.122	.014
CENTROID Y	:	.374	.334	.153
POA TO CENTROID in.	:	.497	.355	.154
MIN RADIUS	:	.135	.336	.156
MEAN RADIUS	:	1.064	.957	.833
MAX RADIUS	:	1.880	1.806	1.505
HORIZONTAL SPREAD	:	3.012	2.047	1.497
VERTICAL SPREAD	:	2.844	2.844	2.718
EXTREME SPREAD	:	3.248	3.048	2.818
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

25 Nov 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 2.003

VS= 2.608

GS= 2.667

CENTROID #

PATTERN #	5	10	9	8
SHOTS (BEST OF)	10	9	8	
MAXIMUM X	.821	.834	.754	
MINIMUM X	-1.182	-1.169	-1.250	
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		