C663016

MODEL 700™ M24

Model SWS™

Action

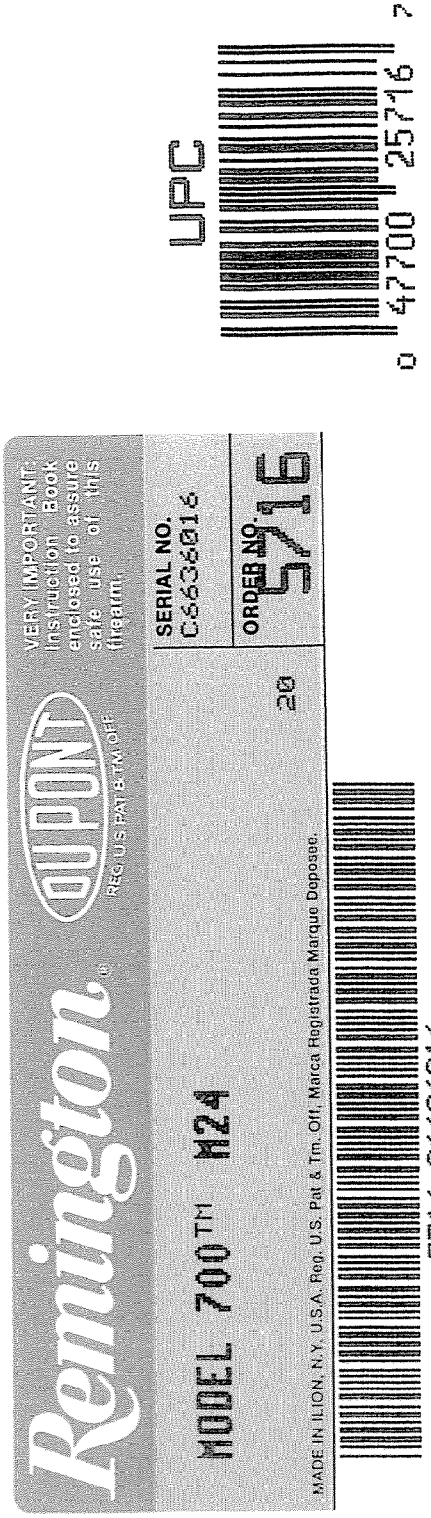
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington


Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT
Instruction Book
enclosed to assure
safe use of this
firearm.
MODEL 700TM M24
20
SERIAL NO.
C6636016
ORDER NO.
5716
MADE IN ILION, N.Y., U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
5716 C6636016
UPC
0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6636016

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 8	9 1	RW
600	Proof	4 8	[illegible]	RW
607	Check Headspace			RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action	APR	9 1991	KR
	Magnaflux Bolt	APR	9 1991	KR
615	Rollmark Caliber	APR	[illegible]	JS
617	Drill and Tap Sight Holes	APR 1	0 1991	EB
618	Polish Barrel	APR	9 1991	CCB
620	Apply Coatings (Barrel Action)		5-10-91	LH
	Apply Coating (Bolt)			LH
625	Final Assembly A) Clean inside of Bolt Assembly		5/14/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/14/91	RW
	C) Inspect Ejector Hole for Chamfer		5/14/91	RW
	D) Oil Firing Pin Ass'y		5/14/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/28/91	RW

Op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force	5 | 5 | 5	5/28/91	
	G) Safety Off Force	4 | 4 | 4	5/28/91	
	H) Trigger Pull Test & Retainability		5/28/91	
	I) Firing Pin Indent	.0205 | .021 | .021	5/28/91	
	J) Assemble Stock		5/28/91	
	K) Assemble Swivel Studs		6-1-91	
	L) Attach Front and Rear Sight Assemblies		5/28/91	
	M) Iron Sight Alignment		5/28/91	
	N) Detach Front & Rear Sights & place in numbered container		5/28/91	
	O) Attach Scope to Rifle		5/28/91	
	P) Detach & Attach Scope 20 Times		5/28/91	
640	Gallery Target & Test		5-29-91	
	A) Time		5-29-91	
	B) Malfunctions		5-29-91	
	C) Pierced Primers		5-29-91	
	D) Optical Clearity of Scope		5-29-91	
645	Inspect for Live Ammo		5-29-91	
655	Final Inspection A) Headspace		6-1-91	
	B) Trigger Pull	2.48 | 2.35 | 2.47 | 2.48 | 2.43	6-1-91	
	C) Function		6-1-91	
660	Pack		6-20-91	

SWS TRIGGER PULL TEST

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

SERIAL NO. C663616
DATE 5/28/91
TESTER [signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.27	2.18	2.25	2.48	MIN. SETTING,
PULL #2	2.26	2.34	2.28	2.35	NO AVG. OF 5
PULL #3	2.34	2.33	2.19	2.43	READINGS ACCEPT-
PULL #4	2.26	2.22	2.26	2.48	ABLE LESS THAN 2#
PULL #5	2.54	2.19	2.20	2.43	
TOTAL					
AVG.					

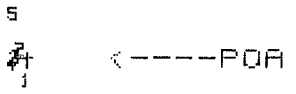
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.54	3.60		
PULL #2	3.34	3.20		
PULL #3	3.57	3.60		
PULL #4	3.57	3.63		
PULL #5	3.51	3.67		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.32		4.46
PULL #2	4.44	4.46		4.48
PULL #3	4.44	4.49		4.41
PULL #4	4.42	4.50		4.36
PULL #5	4.45	4.32		4.50
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636016
29 May 1991

CENTROIDAL DISTANCES

0	TO	1	.406282
1	TO	2	.598372
1	TO	3	.465715
1	TO	4	.404969
1	TO	5	1.27048

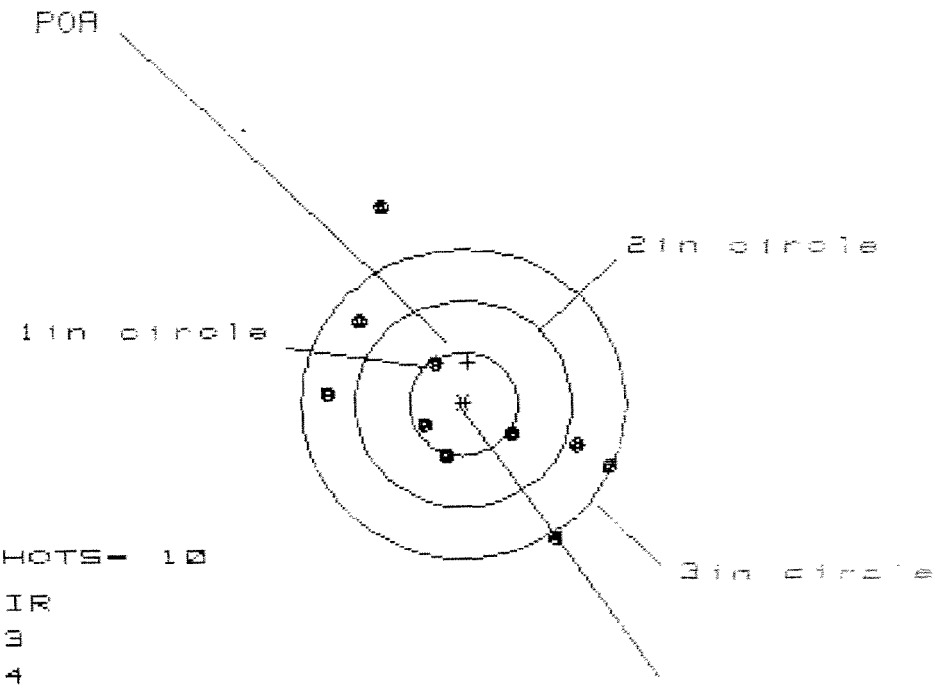


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.176
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1208
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .213468

THE AMR FOR THIS RIFLE IS: .9272

29 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/[redacted]C0030/0

CENTERFIRE PATTERNS # 1

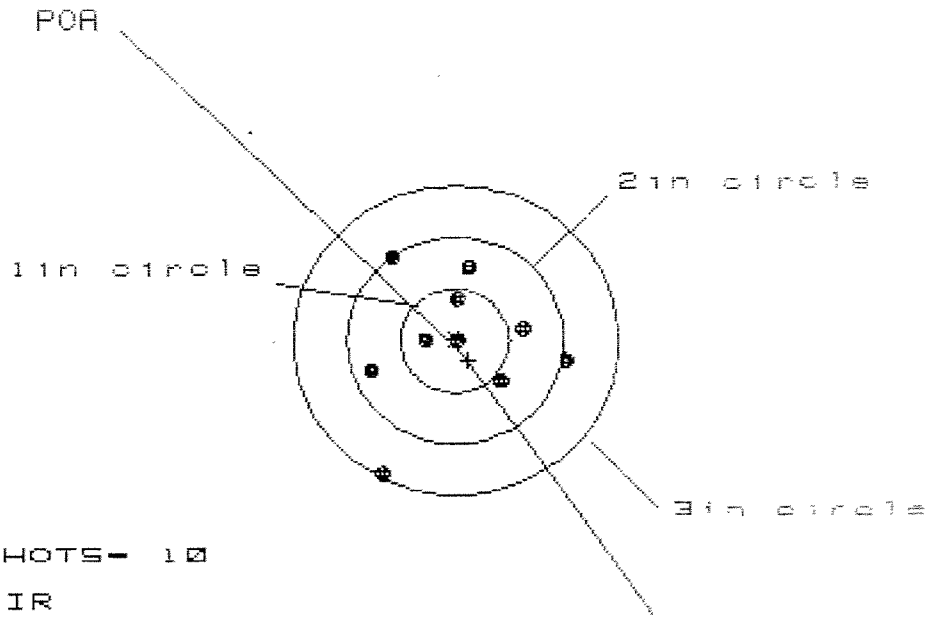


# OF SHOTS= 10
# IN CIR
1in = 3
2in = 4
3in = 8
HS= 2.607
VS= 3.236
GS= 3.608

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.365	1.287	1.388
MINIMUM X	:	-1.242	-1.320	-1.219
MAXIMUM Y	:	1.947	.976	.842
MINIMUM Y	:	-1.288	-1.072	-.492
CENTROID X	:	-.043	.035	-.066
CENTROID Y	:	-.404	-.621	-.487
POA TO CENTROID in.	:	.407	.622	.491
MIN RADIUS	:	.424	.330	.368
MEAN RADIUS	:	1.068	.928	.868
MAX RADIUS	:	2.072	1.431	1.472
HORIZONTAL SPREAD	:	2.607	2.607	2.607
VERTICAL SPREAD	:	3.236	2.048	1.334
EXTREME SPREAD	:	3.608	2.763	2.692
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

29 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/[redacted]CB636018

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

# IN CIR
1in = 3
2in = 7
3in = 10

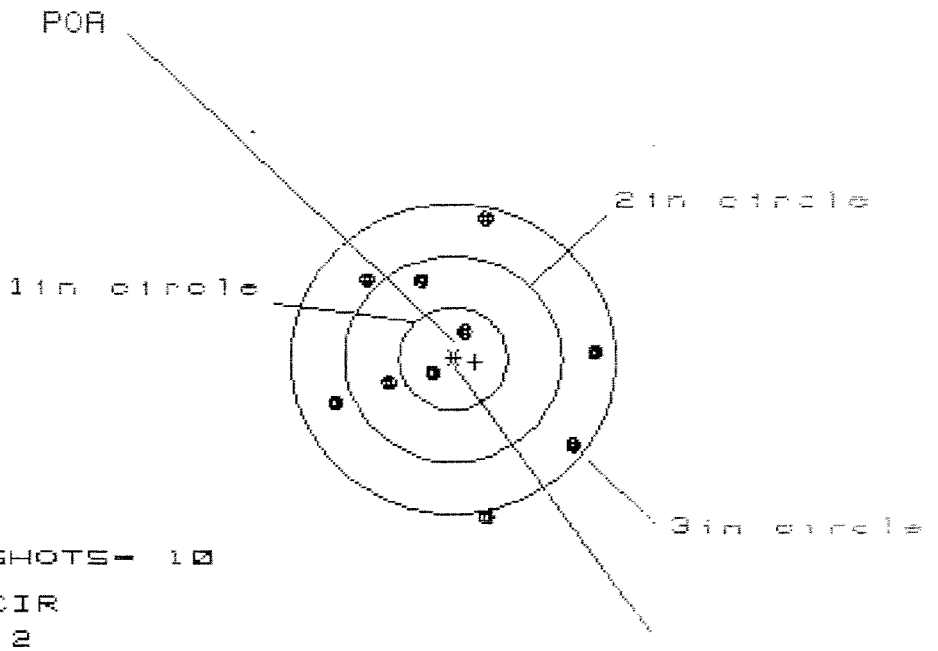
HS= 1.770
VS= 2.044
GS= 2.157

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	6
MAXIMUM X	:	1.032	.957	.647
MINIMUM X	:	-.738	-.813	-.694
MAXIMUM Y	:	.800	.662	.626
MINIMUM Y	:	-1.244	-.529	-.565
CENTROID X	:	-.123	-.048	-.167
CENTROID Y	:	.189	.327	.363
POA TO CENTROID in.	:	.225	.330	.400
MIN RADIUS	:	.049	.110	.140
MEAN RADIUS	:	.703	.611	.557
MAX RADIUS	:	1.418	1.000	.842
HORIZONTAL SPREAD	:	1.770	1.770	1.641
VERTICAL SPREAD	:	2.044	1.191	1.191
EXTREME SPREAD	:	2.157	1.896	1.596

NUMBER IN ONE INCH CIRCLE = 3
NUMBER IN TWO INCH CIRCLE = 7
NUMBER IN THREE INCH CIRCLE = 10

29 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/[redacted]C6636618

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

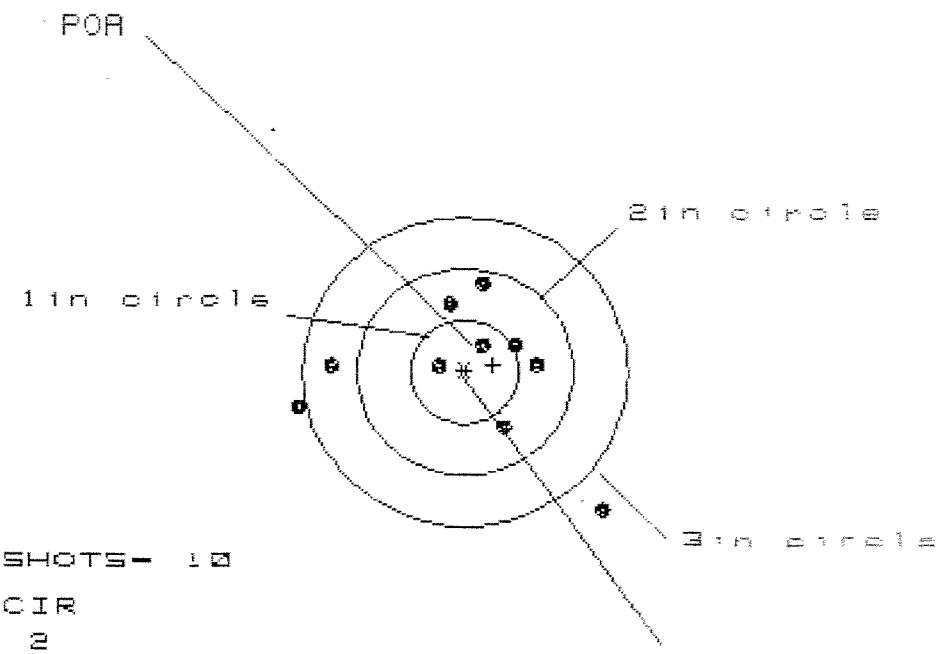
# IN CIR
1in = 2
2in = 4
3in = 9

HS= 2.387
VS= 2.850
GS= 2.850

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.309	1.345	1.487
MINIMUM X	:	-1.078	-1.042	-.900
MAXIMUM Y	:	1.346	1.178	1.050
MINIMUM Y	:	-1.504	-1.027	-.761
CENTROID X	:	-.204	-.240	-.382
CENTROID Y	:	.033	.201	.329
POA TO CENTROID in.	:	.207	.313	.504
MIN RADIUS	:	.228	.110	.251
MEAN RADIUS	:	.994	.908	.814
MAX RADIUS	:	1.537	1.532	1.502
HORIZONTAL SPREAD	:	2.387	2.387	2.387
VERTICAL SPREAD	:	2.850	2.205	1.811
EXTREME SPREAD	:	2.850	2.500	2.448
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

29 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/[redacted]C6636018

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

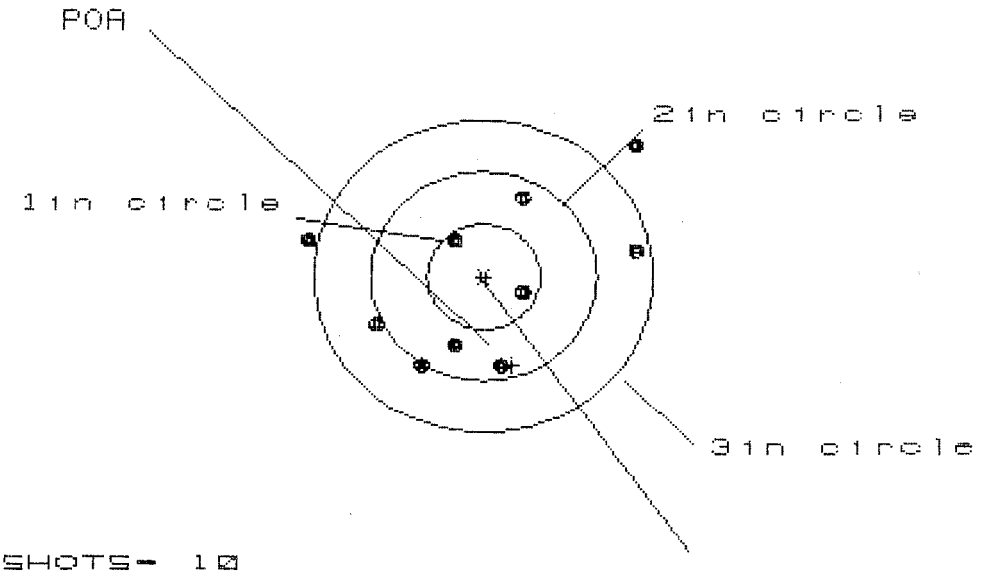
# IN CIR
1in = 2
2in = 7
3in = 8

HS= 2.778
VS= 2.176
GS= 2.943

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.227	.816	.639
MINIMUM X	:	-1.551	-1.414	-1.238
MAXIMUM Y	:	.875	.731	.672
MINIMUM Y	:	-1.301	-.725	-.784
CENTROID X	:	-.263	-.400	-.223
CENTROID Y	:	-.064	.080	.139
POA TO CENTROID in.	:	.271	.408	.263
MIN RADIUS	:	.294	.162	.161
MEAN RADIUS	:	.864	.746	.609
MAX RADIUS	:	1.788	1.491	1.247
HORIZONTAL SPREAD	:	2.778	2.230	1.877
VERTICAL SPREAD	:	2.176	1.456	1.456
EXTREME SPREAD	:	2.943	2.264	1.877
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

29 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/[redacted]C6636016

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 2
2in = 5
3in = 8

HS= 2.919
VS= 2.153
GS= 2.976

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.395	1.539	1.367
MINIMUM X	:	-1.524	-1.380	-.968
MAXIMUM Y	:	1.268	.869	.929
MINIMUM Y	:	-.885	-.744	-.684
CENTROID X	:	-.247	-.392	-.220
CENTROID Y	:	.850	.709	.649
POA TO CENTROID in.	:	.885	.810	.685
MIN RADIUS	:	.415	.481	.367
MEAN RADIUS	:	1.007	.893	.808
MAX RADIUS	:	1.818	1.581	1.430
HORIZONTAL SPREAD	:	2.919	2.919	2.335
VERTICAL SPREAD	:	2.153	1.613	1.613
EXTREME SPREAD	:	2.976	2.921	2.443
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	