

C6587535

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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

Remington®

MODEL 700™ M24

DU PONT
REGISTERED TRADE MARK

SERIAL NO.
C6587535

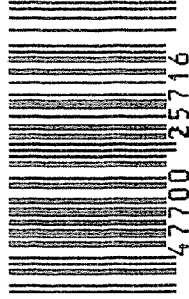
ORDER NO.
5716

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



5716 C6587535

UPC



7

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

SERIAL NO. C6587535DATE 10-25-95TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.48	2.59	2.52	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.75	2.52	
PULL #3	2.42	2.59	2.44	
PULL #4	2.42	2.54	2.66	
PULL #5	2.43	2.56	2.40	
TOTAL	12.21	13.03	12.54	
AVG.	2.44	2.60	2.50	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.10	3.00	
PULL #2	3.21	3.05	
PULL #3	3.00	3.00	
PULL #4	3.05	2.90	
PULL #5	3.14	2.95	
TOTAL	15.50	14.90	
AVG.	3.10	2.98	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.06	4.19	
PULL #2	4.21	4.00	4.01	
PULL #3	4.08	4.08	4.00	
PULL #4	4.26	4.00	4.04	
PULL #5	4.15	4.00	3.90	
TOTAL	20.89	20.14	20.14	
AVG.	4.17	4.02	4.02	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6587535

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607.	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

BARBER - M24 0022220

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6 1/2	6 1/4	6			11/29	WB
	G) Safety Off Force	3 3/4	3 1/2	4			11/29	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.76	2.41	2.38	2.41	2.48	11/29	WB
	C) Function							
660	Pack							

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6587535

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1023	90	RW
600	Proof	1023	90	RW
607	Check Headspace	1023	90	RW
610	Dis-assemble Gun	1023	90	RW
612	Magnaflux Barrel Action		10/24/90	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	LS
617	Drill and Tap Sight Holes		10/29/90	FB
618	Polish Barrel RB		10/30/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	TH
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		11/13/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/13/90	RW
	C) Inspect Ejector Hole for Chamfer		11/13/90	RW
	D) Oil Firing Pin Ass'y		11/13/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/20/90	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			11/21/90	WB
	G) Safety Off Force	3	3	3			11/21/90	WB
	H) Trigger Pull Test & Retainability						11/20/90	WB
	I) Firing Pin Indent	.022	.023	.023			11/21/90	WB
	J) Assemble Stock						12/11/90	RW
	K) Assemble Swivel Studs						12-12-90	JSB
	L) Attach Front and Rear Sight Assemblies						12/11/90	RW
	M) Iron Sight Alignment						12/11/90	RW
	N) Detach Front & Rear Sights & place in numbered container						12/11/90	RW
	O) Attach Scope to Rifle						12/11/90	RW
	P) Detach & Attach Scope 20 Times						12/11/90	RW
640	Gallery Target & Test						12/11/90	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						12/11/90	NF
655	Final Inspection						12-12-90	JSB
	A) Headspace							
	B) Trigger Pull	275	274	284	268	258	12/12-90	JSB
	C) Function						12-12-90	JSB
660	Pack						12/14/90	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587535

DATE 11/20/80

TESTER WLB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.48	2.48	2.75	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.49	2.42	2.74	
PULL #3	2.28	2.53	2.41	2.84	
PULL #4	2.30	2.46	2.40	2.68	
PULL #5	2.29	2.41	2.40	2.58	
TOTAL	11.55	12.37	12.11		
AVG.	2.31	2.47	2.42		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.04	3.03		
PULL #2	3.01	3.02		
PULL #3	3.01	3.05		
PULL #4	3.02	3.02		
PULL #5	3.01	3.00		
TOTAL	15.09	15.12		
AVG.	3.02	3.02		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	4.21		4.05
PULL #2	4.14	4.19		4.00
PULL #3	4.16	4.14		4.03
PULL #4	4.17	4.13		4.00
PULL #5	4.17	4.18		4.03
TOTAL	20.80	20.85		20.11
AVG.	4.16	4.17		4.02

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587535
11 Dec 1990

CENTROIDAL DISTANCES

0 TO	1	.366395
1 TO	2	.42888
1 TO	3	.185952
1 TO	4	.485828
1 TO	5	.276371

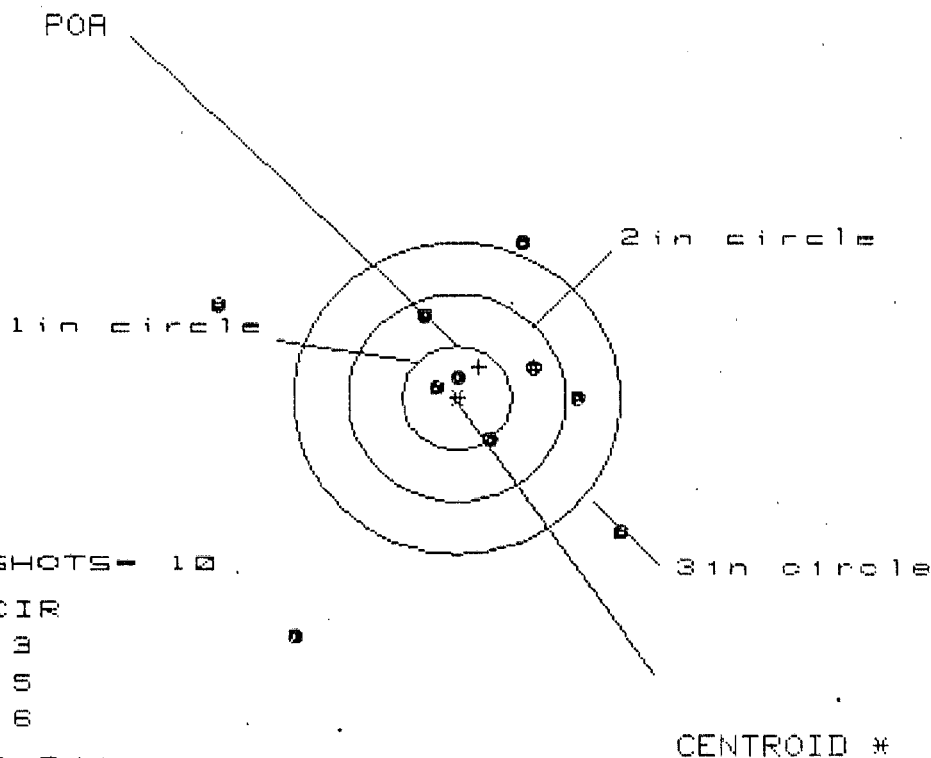
$\bar{x}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0518
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.112
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .123399
THE AMR FOR THIS RIFLE IS: 1.027

11 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587535

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 3

2in = 5

3in = 6

HS = 3.644

VS = 3.715

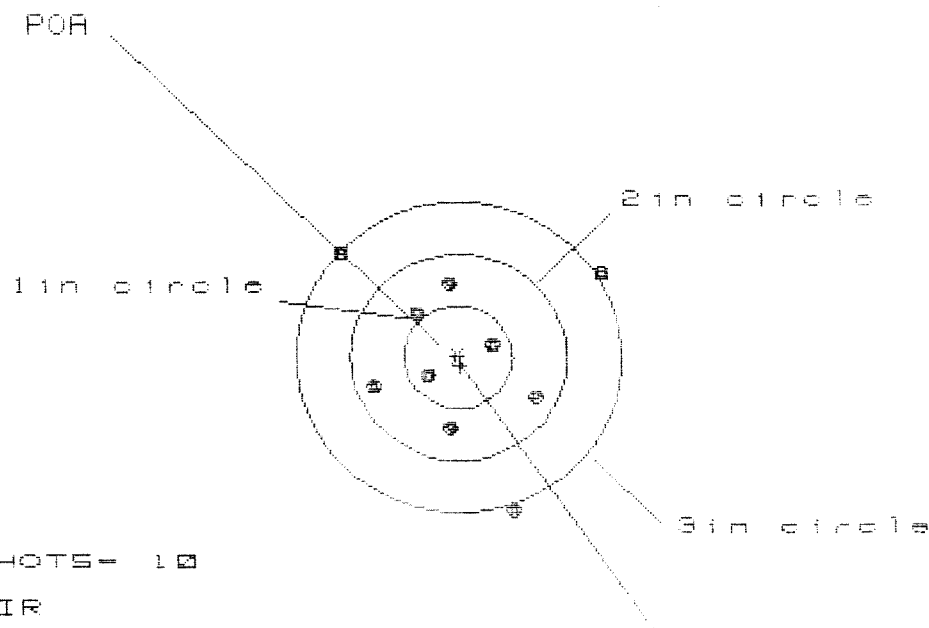
GS = 4.294

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.464	1.293	.999
MINIMUM X	-2.181	-2.351	-.807
MAXIMUM Y	1.466	1.216	1.303
MINIMUM Y	-2.249	-1.565	-1.478
CENTROID X	-.206	-.035	.259
CENTROID Y	-.303	-.053	-.140
POA TO CENTROID in.	.366	.064	.294
MIN RADIUS	.235	.122	.286
MEAN RADIUS	1.248	1.031	.852
MAX RADIUS	2.722	2.451	1.784
HORIZONTAL SPREAD	3.644	3.644	1.806
VERTICAL SPREAD	3.715	2.781	2.781
EXTREME SPREAD	4.294	4.287	2.906
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		6	

11 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587535

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS= 2.375

VS= 2.469

GS= 2.928

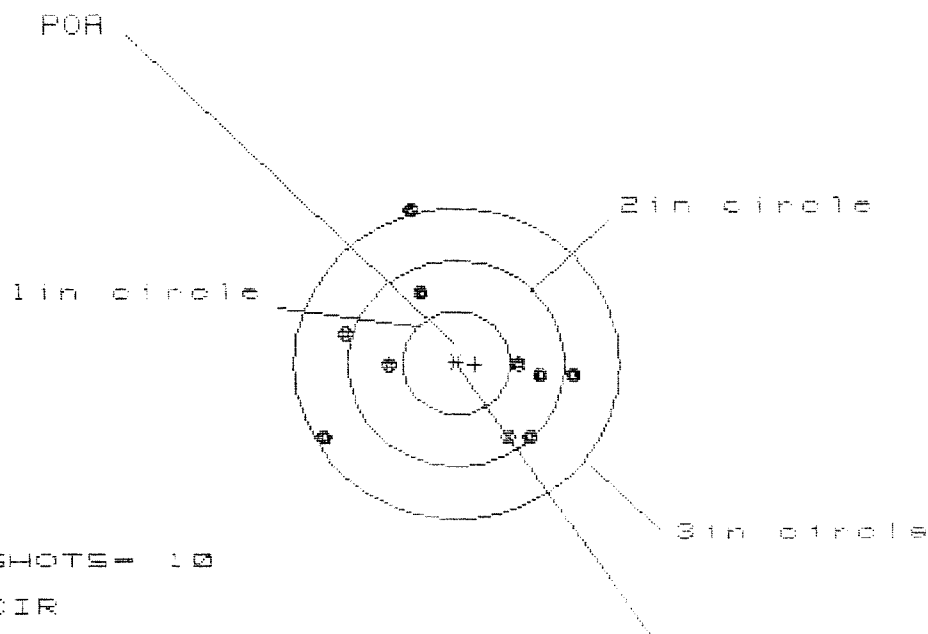
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.292	1.346	.895
MINIMUM X	:	-1.083	-1.029	-.861
MAXIMUM Y	:	1.007	.845	.926
MINIMUM Y	:	-1.462	-.843	-.761
CENTROID X	:	-.013	-.067	-.235
CENTROID Y	:	.080	.242	.161
POA TO CENTROID in.	:	.081	.251	.285
MIN RADIUS	:	.281	.334	.296
MEAN RADIUS	:	.879	.799	.693
MAX RADIUS	:	1.542	1.496	1.264
HORIZONTAL SPREAD	:	2.375	2.375	1.755
VERTICAL SPREAD	:	2.469	1.688	1.698
EXTREME SPREAD	:	2.928	2.386	2.239
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Dec 1993

FILE:/PATTERNING/CENTERFIRE_PATT/C6587535

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 5

3 in = 9

HS = 2.347

VS = 2.237

GS = 2.507

CENTROID #

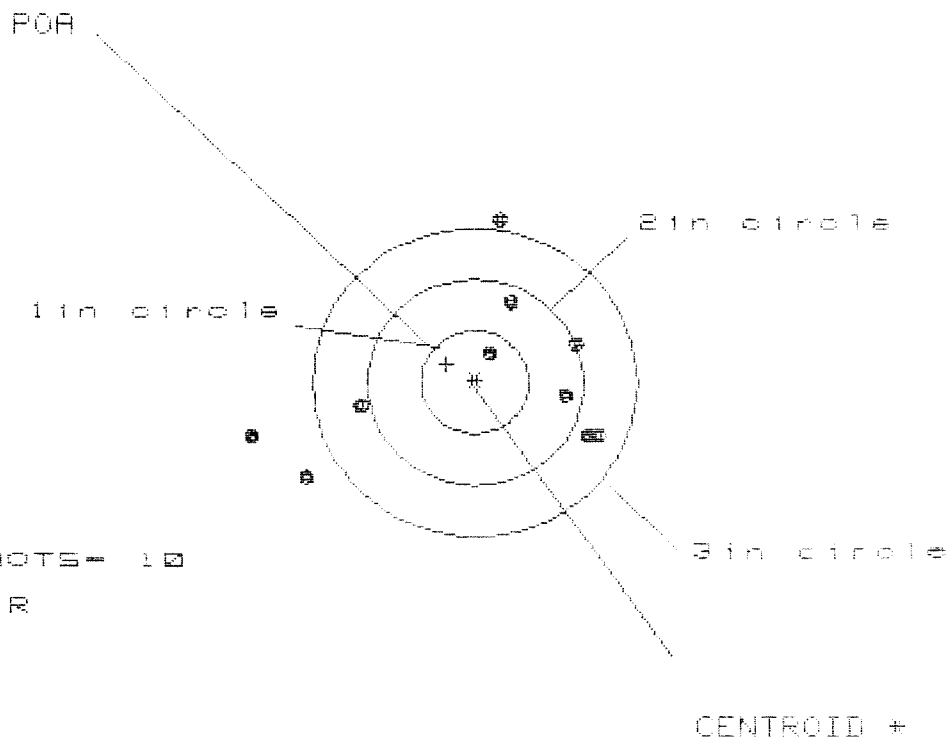
PATTERN #	:	3
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.119
MINIMUM X	:	-1.228
MAXIMUM Y	:	1.481
MINIMUM Y	:	-0.756
CENTROID X	:	-0.173
CENTROID Y	:	0.012
POA TO CENTROID in.	:	0.174
MIN RADIUS	:	0.574
MEAN RADIUS	:	0.982
MAX RADIUS	:	1.536
HORIZONTAL SPREAD	:	2.347
VERTICAL SPREAD	:	2.237
EXTREME SPREAD	:	2.507
NUMBER IN ONE INCH CIRCLE	=	0
NUMBER IN TWO INCH CIRCLE	=	5
NUMBER IN THREE INCH CIRCLE	=	9

11 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08587535

CENTERFIRE PATTERNS

4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS = 3.163

VS = 2.483

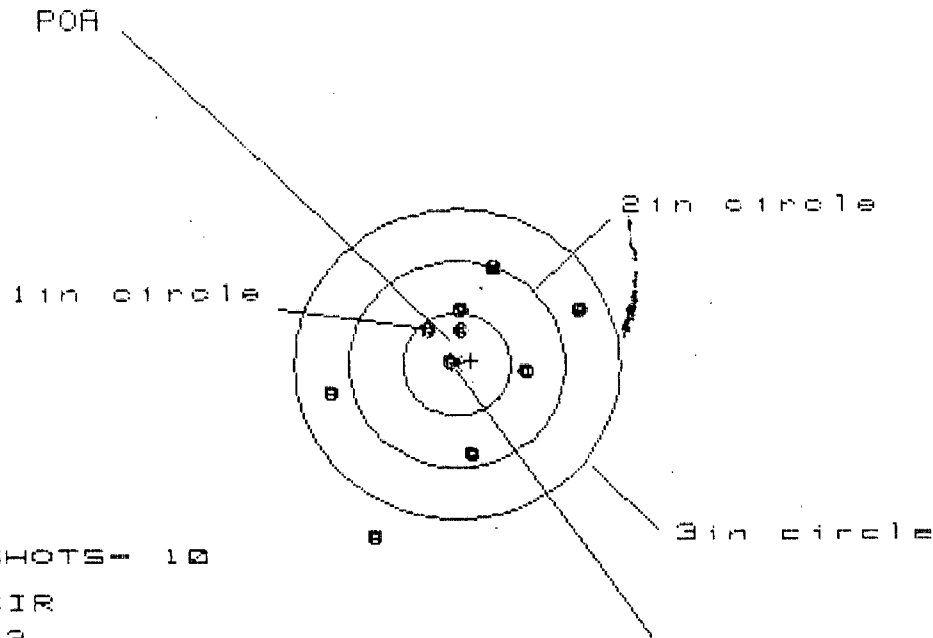
GS = 3.163

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.106	.877	.650
MINIMUM X	-2.057	-1.820	-1.485
MAXIMUM Y	1.556	1.495	1.371
MINIMUM Y	-.927	-.988	-.743
CENTROID X	.264	.493	.720
CENTROID Y	-.180	-.119	.005
POA TO CENTROID in.	.320	.507	.720
MIN RADIUS	.273	.197	.323
MEAN RADIUS	1.197	1.027	.841
MAX RADIUS	2.131	2.071	1.537
HORIZONTAL SPREAD	3.163	2.697	2.135
VERTICAL SPREAD	2.483	2.483	2.114
EXTREME SPREAD	3.163	3.095	2.278
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

11 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587535

CENTERFIRE PATTERNS # 5



HS= 2.263

VS= 2.639

GS= 2.938

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.116	1.029	.720
MINIMUM X	-1.147	-1.234	-1.106
MAXIMUM Y	.983	.799	.849
MINIMUM Y	-1.656	-1.059	-1.009
CENTROID X	-.131	-.044	-.172
CENTROID Y	-.037	.147	.097
POA TO CENTROID in.	.136	.153	.198
MIN RADIUS	.114	.113	.110
MEAN RADIUS	.828	.673	.613
MAX RADIUS	1.833	1.305	1.167
HORIZONTAL SPREAD	2.263	2.263	1.826
VERTICAL SPREAD	2.639	1.858	1.858
EXTREME SPREAD	2.938	2.408	1.888
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	