

C6225132

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington®



REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ M24

SERIAL NO.

C6225132

ORDER NO.

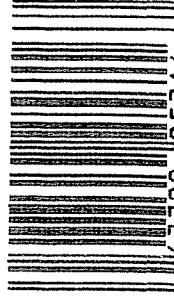
5716

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



5716 C6225132

UPC



0 47700 25716 7

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: RE00154254

Serial: C6225132 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 10/30/2008 8:24:35 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: ISD ARMSROOM

ISD ARMSROOM

Address 1: 8TH DESERT STORM

8TH DESERT STORM

Address 2: BLDG 5210 BAY DOOR #30

PO Box:

BLDG 5210 BAY DOOR #30

PO Box:

City: FORT CAMPBELL

FORT CAMPBELL

State: KY

Zip Code: 42223

Country: US

State: KY

Zip Code: 42223

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	2
A026	Scope	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

10/30/2008

12:42 PM

CAPS

NUM

INS

SCAL



Serial Number: C6225132

Model: M24 SWS



RE00154254

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER 154254
SERIAL NUMBER C6225132
LOG-IN DATE 10-30-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		11-5-08	RT
505	RE-BARREL		11-12-08	RT
560	ASSEMBLE		11-12-08	RT
600	PROOF		11-11-08	RPD
605	CHECK HEADSPACE		11-11-08	RPD
610	DIS-ASSEMBLE GUN		11-11-08	RPD
612	MAGNAFLUX	(X)	11/17/08	(X)
510	DRILL AND TAP		11-12-08	JP
615	ROLLMARK CALIBER		11/17/08	RT
618	ROTO-BLAST			
620	APPLY COATINGS		11-21	
625	FINAL ASSEMBLY		12-3-08	RT
640	FUNCTION TEST AND	PASS FAIL	12-3-08	RPD
650	TARGET	PASS FAIL	12-3-08	RPD
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		12-30-08	RP
	A) HEADSPACE	PASS FAIL	12-5-08	RP
			12-5-08	RP
	B) TRIGGER PULL	243 253 252 242 246	12-4-08	RP
680	F) SAFETY ON FORCE	30 25 25	12-5-08	RP
	G) SAFETY OFF FORCE	30 40 40	12-5-08	RP
	I) FIRING PIN INDENT	.023 .023 .023	12-5-08	RP
690	PACK		4/3/09	FM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225132.___0
FILE DATE AND TIME: 12/04/2008 14:15

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.015
The Average Y Centroid of the Five Target Set:	0.036
The Average Point of Impact of the Five Target Set:	0.039
The Average Mean Radius of the Five Target Set:	0.557
The Distance from POA to Centroid Target #1:	0.094
The Distance from Centroid Target #2 to Centroid Target #1:	0.171
The Distance from Centroid Target #3 to Centroid Target #1:	0.017
The Distance from Centroid Target #4 to Centroid Target #1:	0.247
The Distance from Centroid Target #5 to Centroid Target #1:	0.168

SERIAL NUMBER: C6225132.___0

TARGET NUMBER: 1

FILE DATE: 12/04/2008

FILE TIME: 14:15

POINT#	X	Y
1:	-0.066	-0.531
2:	0.378	-0.587
3:	0.594	-0.556
4:	1.118	-0.179
5:	0.415	0.096
6:	0.081	0.522
7:	0.020	0.626
8:	-0.606	0.418
9:	-0.451	0.228
10:	-0.547	-0.022

X CENTROID: 0.094

Y CENTROID: 0.001

POA TO CENTROID: 0.094

HORZ SPREAD: 1.724

VERT SPREAD: 1.213

GROUP SPREAD: 1.824

MIN RADIUS: 0.335

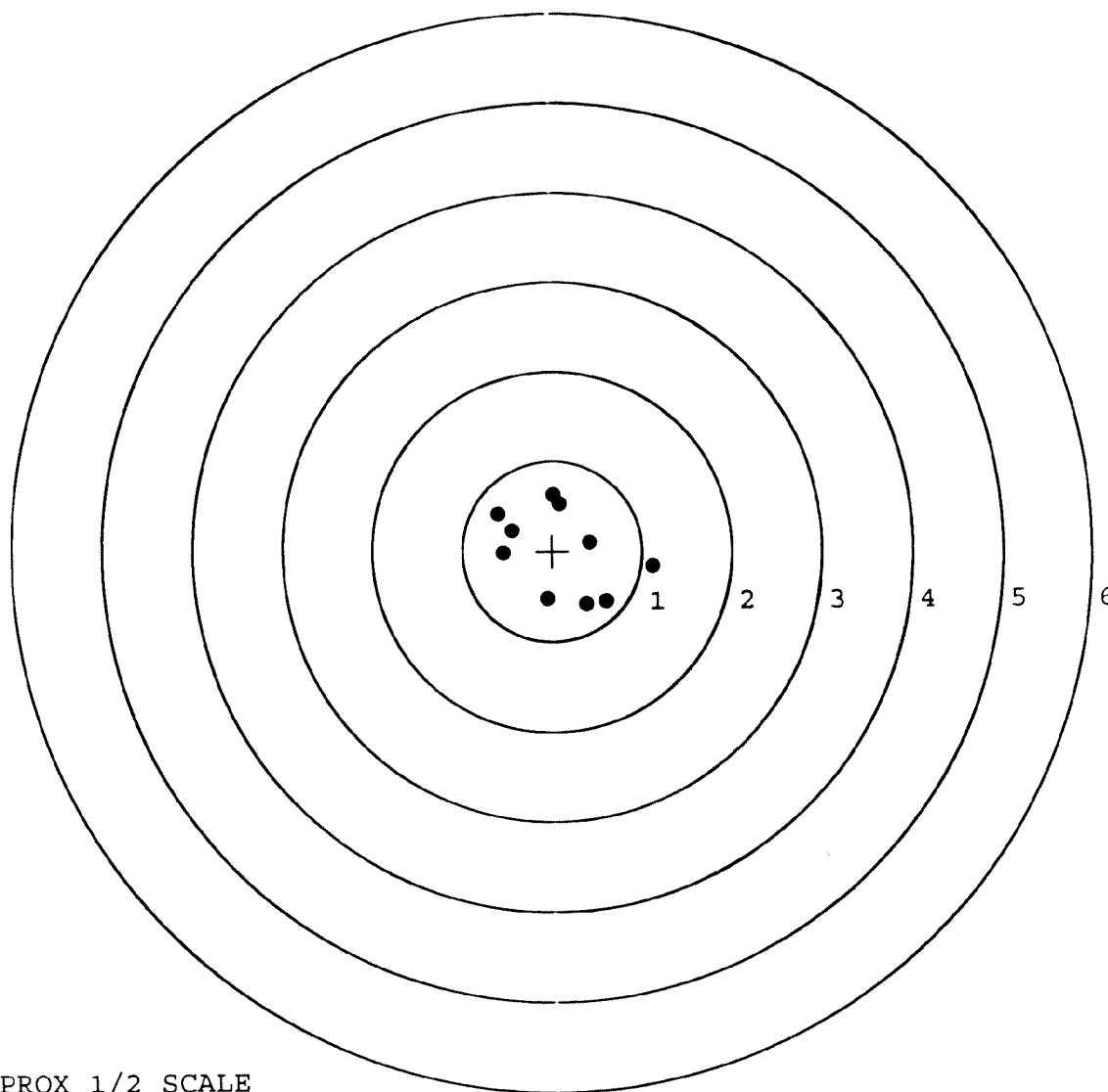
MAX RADIUS: 1.040

MEAN RADIUS: 0.653

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

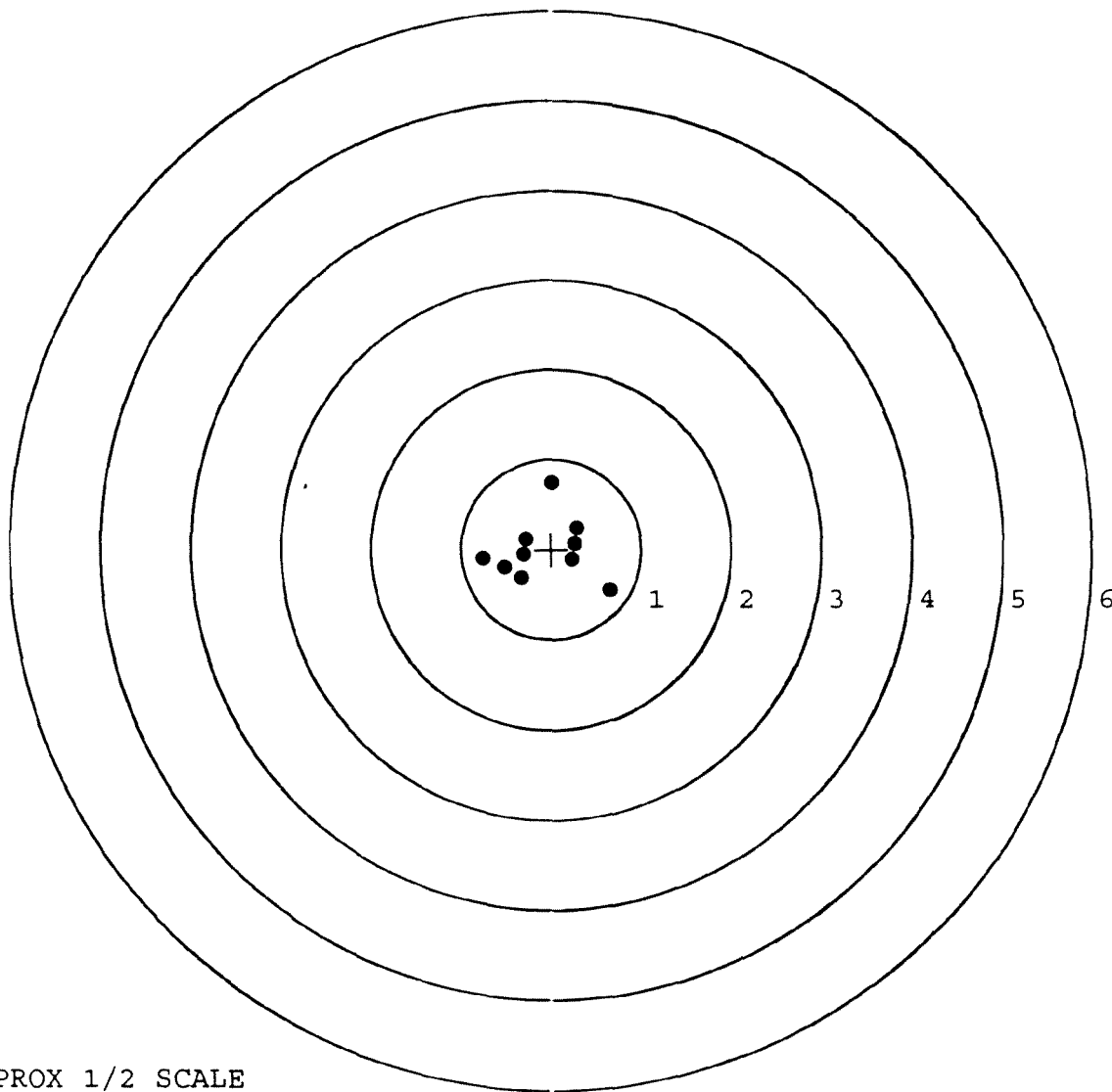


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225132. __ 0
TARGET NUMBER: 2
FILE DATE: 12/04/2008
FILE TIME: 14:15

X CENTROID: -0.077
Y CENTROID: -0.012
POA TO CENTROID: 0.078
HORZ SPREAD: 1.410
VERT SPREAD: 1.201
GROUP SPREAD: 1.452
MIN RADIUS: 0.238
MAX RADIUS: 0.854
MEAN RADIUS: 0.479
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.651	-0.458
2:	0.232	-0.114
3:	0.262	0.064
4:	0.287	0.238
5:	0.007	0.743
6:	-0.285	0.109
7:	-0.309	-0.066
8:	-0.338	-0.325
9:	-0.520	-0.203
10:	-0.759	-0.112



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225132. __0

TARGET NUMBER: 3

FILE DATE: 12/04/2008

FILE TIME: 14:15

POINT#	X	Y
1:	-0.077	-0.502
2:	-0.757	0.037
3:	-0.598	0.278
4:	-0.204	0.296
5:	-0.093	0.509
6:	0.404	0.015
7:	0.614	0.024
8:	0.634	-0.183
9:	0.490	-0.238
10:	0.357	-0.210

X CENTROID: 0.077

Y CENTROID: 0.003

POA TO CENTROID: 0.077

HORZ SPREAD: 1.391

VERT SPREAD: 1.011

GROUP SPREAD: 1.408

MIN RADIUS: 0.327

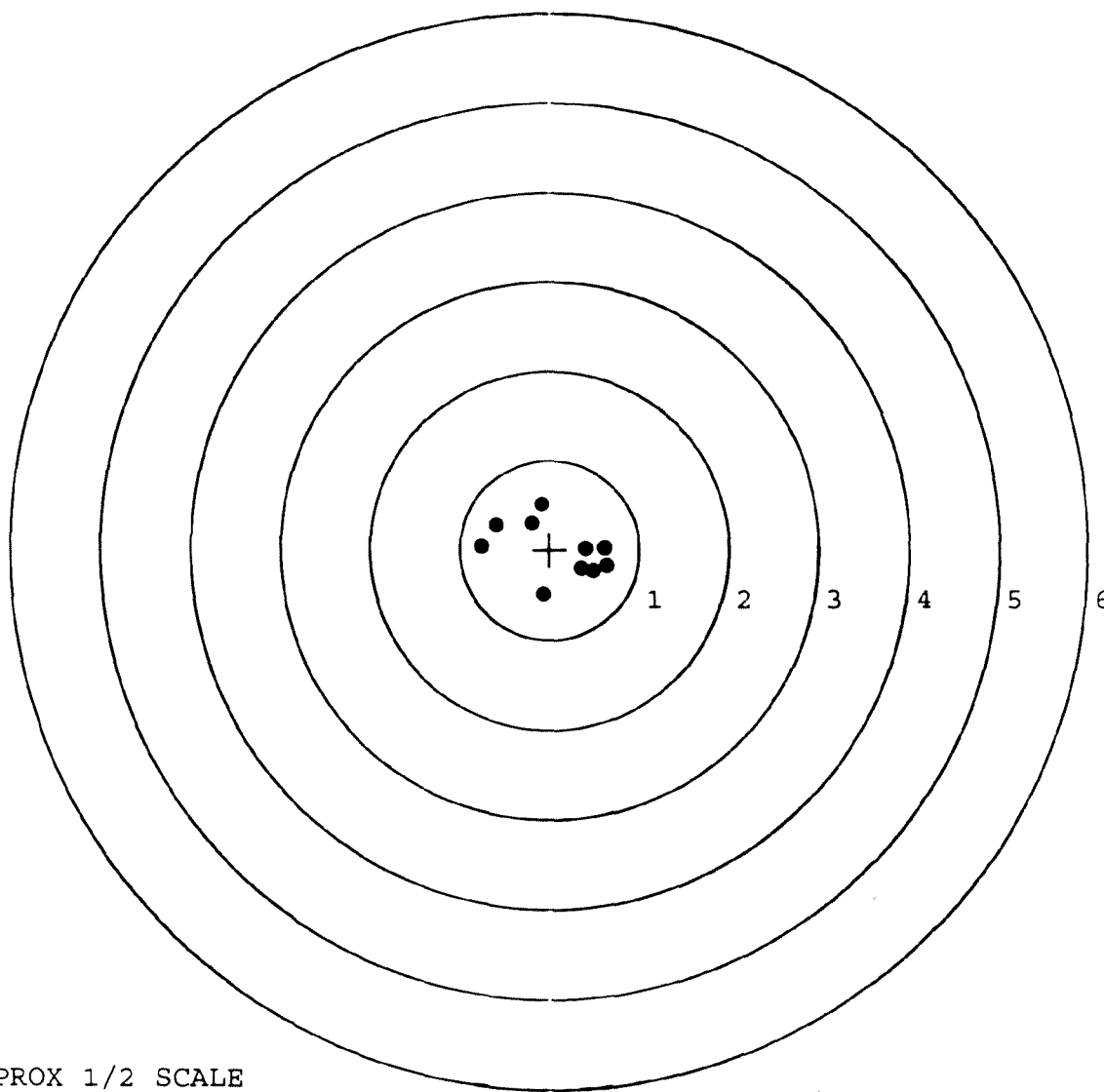
MAX RADIUS: 0.835

MEAN RADIUS: 0.531

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

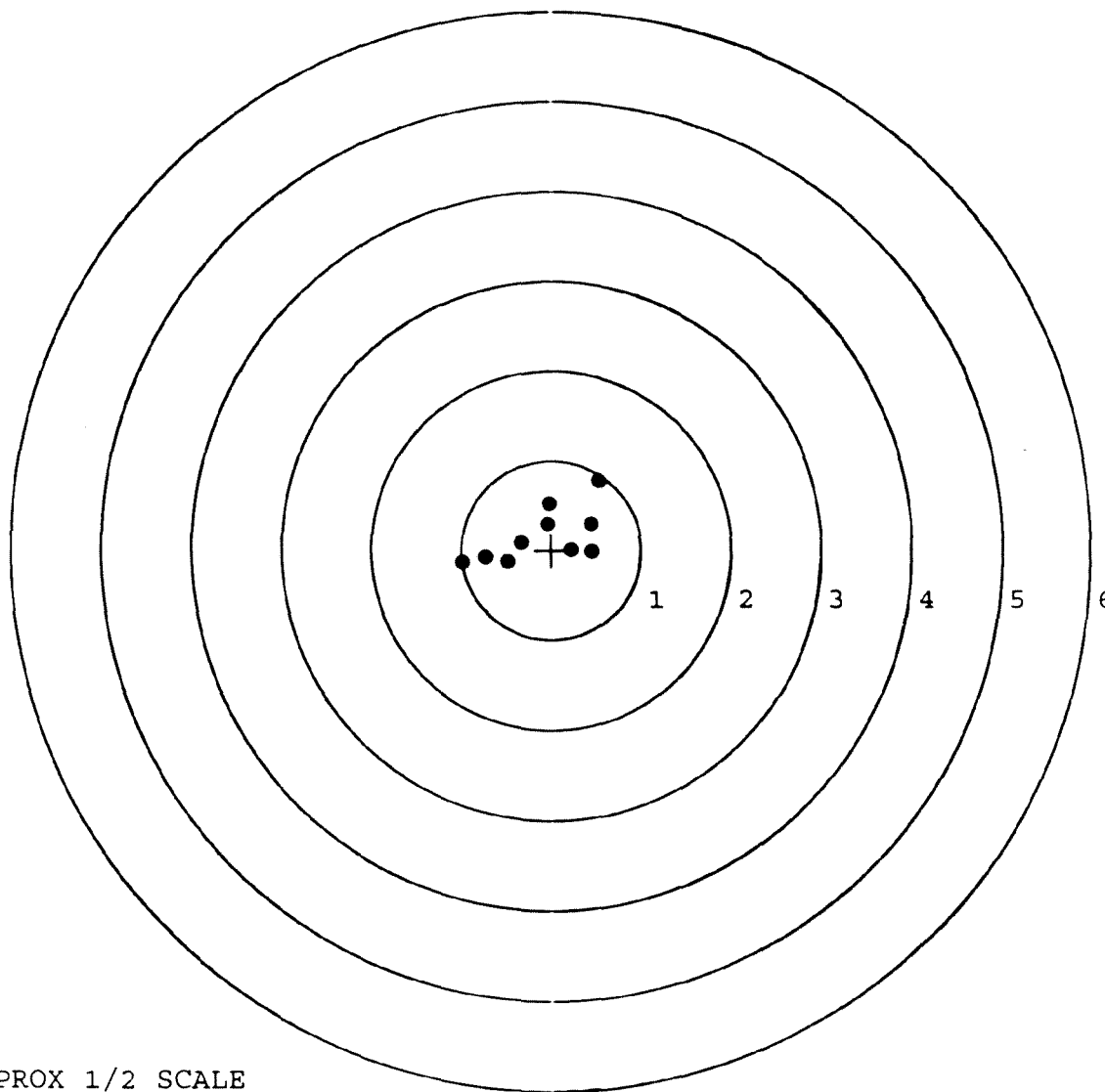


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225132. __ 0
TARGET NUMBER: 4
FILE DATE: 12/04/2008
FILE TIME: 14:15

POINT#	X	Y
1:	-0.991	-0.144
2:	-0.727	-0.086
3:	-0.491	-0.138
4:	-0.338	0.089
5:	-0.048	0.291
6:	-0.030	0.521
7:	0.223	0.000
8:	0.456	-0.023
9:	0.442	0.289
10:	0.530	0.779

X CENTROID: -0.097
Y CENTROID: 0.158
POA TO CENTROID: 0.185
HORZ SPREAD: 1.521
VERT SPREAD: 0.923
GROUP SPREAD: 1.779
MIN RADIUS: 0.142
MAX RADIUS: 0.943
MEAN RADIUS: 0.525
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225132.___0

TARGET NUMBER: 5

FILE DATE: 12/04/2008

FILE TIME: 14:15

POINT#	X	Y
1:	0.442	-0.710
2:	0.140	-0.619
3:	-0.538	-0.532
4:	-0.316	0.049
5:	-0.402	0.220
6:	-0.479	0.455
7:	-0.721	0.572
8:	0.240	0.146
9:	0.354	0.333
10:	0.559	0.386

X CENTROID: -0.072

Y CENTROID: 0.030

POA TO CENTROID: 0.078

HORZ SPREAD: 1.280

VERT SPREAD: 1.282

GROUP SPREAD: 1.731

MIN RADIUS: 0.245

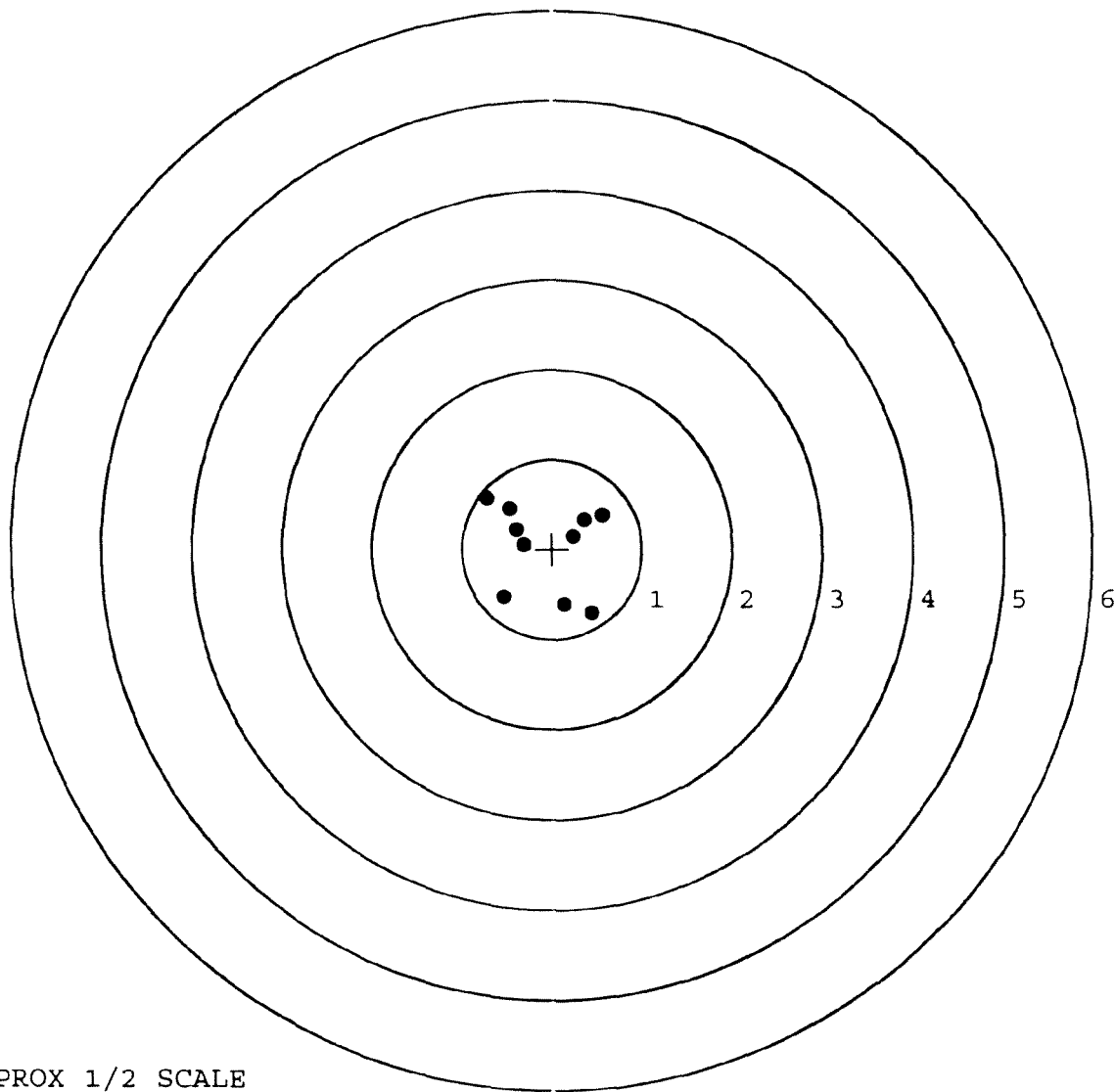
MAX RADIUS: 0.901

MEAN RADIUS: 0.595

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Score 0465

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225132

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	1 25	89	RW
600	Proof	1 25	89	RW
607	Check Headspace	1 25	89	RW
610	Dis-assemble Gun	1 25	89	RW
612	Magnaflux Barrel Action		1-27-89	RK.
	Magnaflux Bolt		1-27-89	KE R
615	Rollmark Caliber		1-30	G.S.
617	Drill and Tap Sight Holes	2 1	89	FB
618	Polish Barrel	2 1	89	BT
620	Apply Coatings (Barrel Action)		2-10-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/21/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/21/89	RW
	C) Inspect Ejector Hole for Chamfer		2/21/89	RW
	D) Oil Firing Pin Ass'y		2/21/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/21/89	JS

op. #	OP. NAME	READINGS				DATE	INITIAL
625 cont.	F) Safety On Force	5	5	5		24 Feb 89	QJ8
	G) Safety Off Force	3	3	3		24 Feb 89	QJ8
	H) Trigger Pull Test & Retainability					23 Feb 89	QJ8
	I) Firing Pin Indent	.020	.020	.0205		24 Feb 89	QJ8
	J) Assemble Stock					2/27/89	RW
	K) Assemble Swivel Studs					6 Mar 89	QJ8
	L) Attach Front and Rear Sight Assemblies					2/27/89	RW
	M) Iron Sight Alignment					2/27/89	RW
	N) Detach Front & Rear Sights & place in numbered container					2/29/89	RW
	O) Attach Scope to Rifle					2/28/89	WB
	P) Detach & Attach Scope 20 Times					2/28/89	WB
640	Gallery Target & Test	51 R	1016			2/28/89	DH
	A) Time					2/28/89	DH
	B) Malfunctions					2/28/89	DH
	C) Pierced Primers					2/28/89	DH
	D) Optical Clarity of Scope					2/28/89	DH
645	Inspect for Live Ammo					2/28/89	DH
655	Final Inspection						
	A) Headspace					6 Mar 89	QJ8
	B) Trigger Pull	2.34	2.39	2.35	2.37	2.31	6 Mar 89
	C) Function					6 Mar 89	QJ8
660	Pack					3/22	WB

SWS TRIGGER PULL TEST

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

SERIAL NO. 6225132

DATE 7-6-90

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.37	2.48	2.45	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.47	2.42	
PULL #3	2.40	2.45	2.46	
PULL #4	2.50	2.48	2.50	
PULL #5	2.49	2.50	2.38	
TOTAL	12.11	12.38	12.21	
AVG.	2.42	2.47	2.44	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.25		
PULL #2	3.17	3.21		
PULL #3	3.22	3.27		
PULL #4	3.05	3.20		
PULL #5	3.15	3.15		
TOTAL	15.85	16.08		
AVG.	3.17	3.21		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.31		
PULL #2	4.29	4.32		
PULL #3	4.28	4.35		
PULL #4	4.36	4.48		
PULL #5	4.21	4.30		
TOTAL	21.35	21.76		
AVG.	4.27	4.35		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225132
6 Mar 1989

CENTROIDAL DISTANCES

0 TO	1	.490408
1 TO	2	.285955
1 TO	3	.473635
1 TO	4	.128996
1 TO	5	.47151

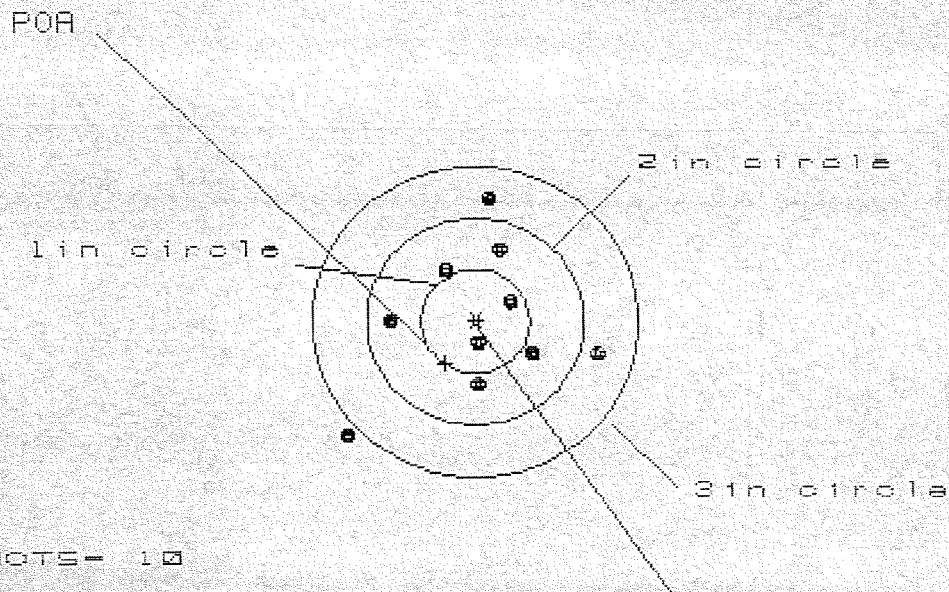
 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2854
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1662
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .330266
THE AMR FOR THIS RIFLE IS: .8994

28 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225132

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.321

VS= 2.328

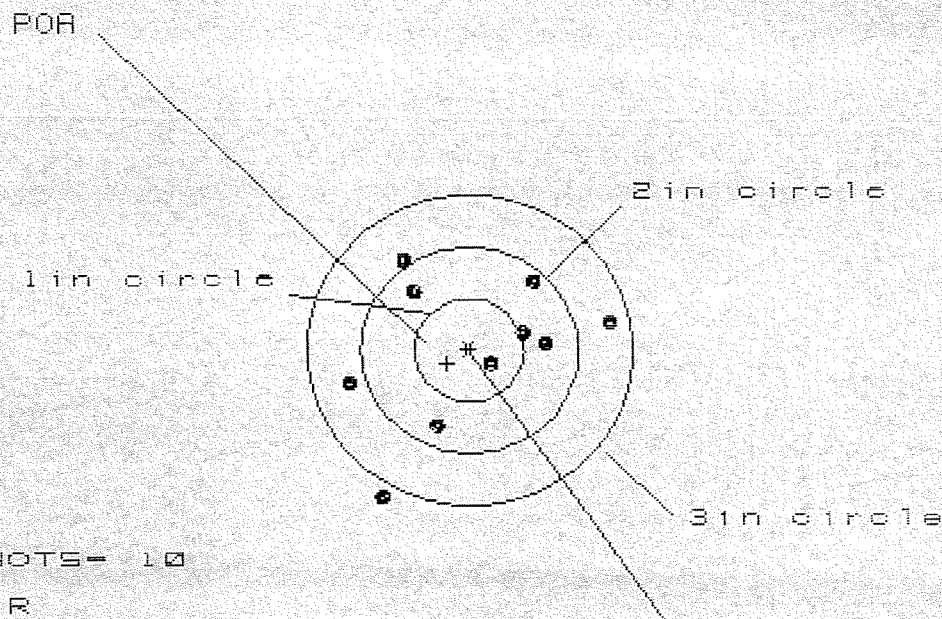
GS= 2.667

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.128	.995	.992
MINIMUM X	:	-1.193	-.908	-.910
MAXIMUM Y	:	1.188	1.062	.715
MINIMUM Y	:	-1.140	-.770	-.638
CENTROID X	:	.278	.411	.413
CENTROID Y	:	.404	.530	.398
POA TO CENTROID in.	:	.490	.671	.574
MIN RADIUS	:	.223	.171	.233
MEAN RADIUS	:	.792	.679	.620
MAX RADIUS	:	1.650	1.081	1.034
HORIZONTAL SPREAD	:	2.321	1.903	1.903
VERTICAL SPREAD	:	2.328	1.832	1.353
EXTREME SPREAD	:	2.667	1.930	1.930
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

28 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225132

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.364

VS= 2.340

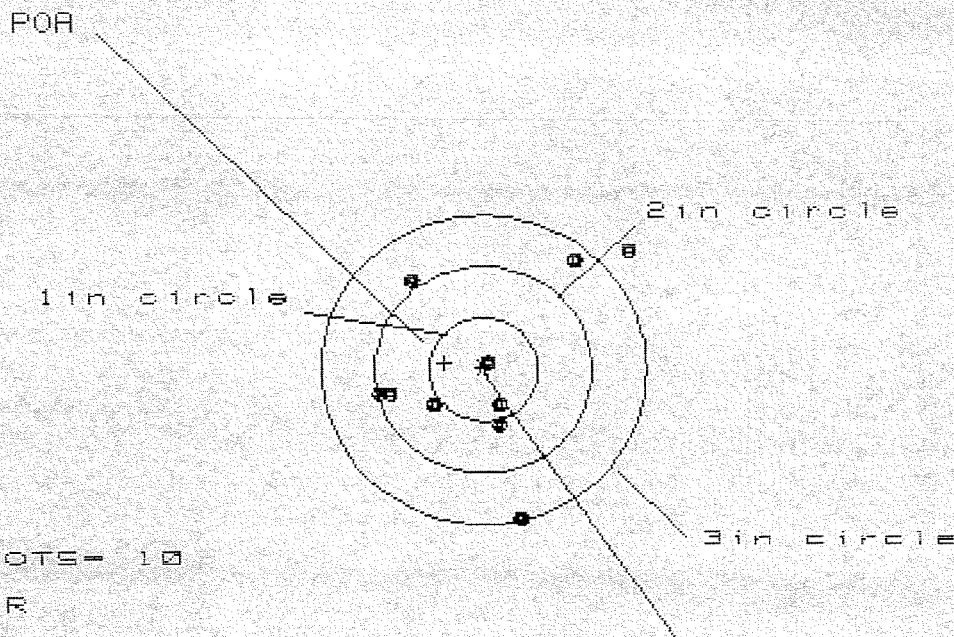
GS= 2.632

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.263	1.178	.715
MINIMUM X	:	-1.101	-1.186	-1.038
MAXIMUM Y	:	.896	.736	.745
MINIMUM Y	:	-1.444	-.931	-.922
CENTROID X	:	.207	.292	.144
CENTROID Y	:	.127	.287	.278
POA TO CENTROID in.	:	.243	.410	.313
MIN RADIUS	:	.226	.286	.365
MEAN RADIUS	:	.909	.805	.771
MAX RADIUS	:	1.633	1.280	1.141
HORIZONTAL SPREAD	:	2.364	2.364	1.753
VERTICAL SPREAD	:	2.340	1.667	1.667
EXTREME SPREAD	:	2.632	2.429	2.002
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225132

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.239

VS= 2.627

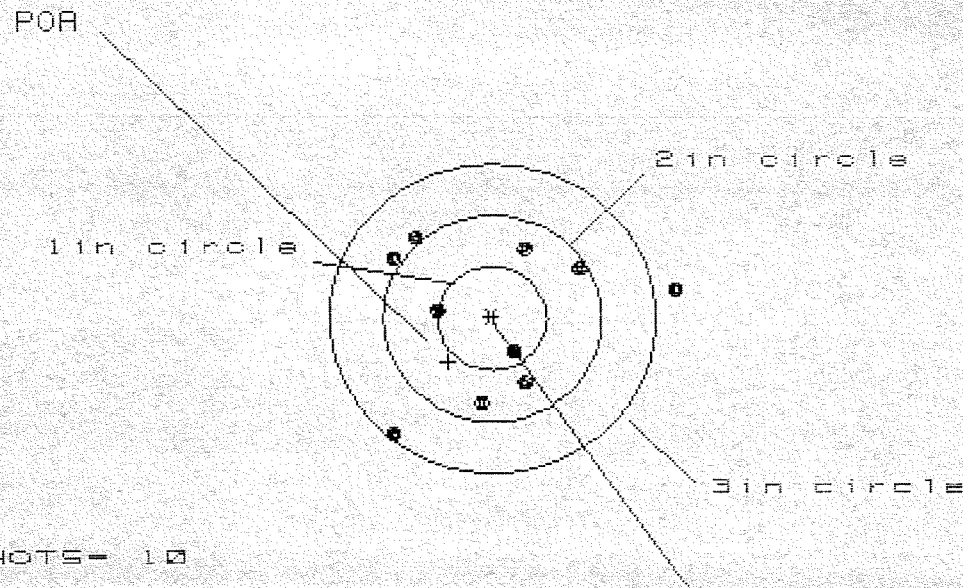
GS= 2.794

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.304	.960	1.022
MINIMUM X	:	-.935	-.790	-.728
MAXIMUM Y	:	1.195	1.175	1.013
MINIMUM Y	:	-1.432	-1.300	-.552
CENTROID X	:	.357	.212	.150
CENTROID Y	:	-.063	-.195	-.033
POA TO CENTROID in.	:	.363	.289	.154
MIN RADIUS	:	.106	.302	.287
MEAN RADIUS	:	.920	.798	.738
MAX RADIUS	:	1.768	1.517	1.439
HORIZONTAL SPREAD	:	2.239	1.750	1.750
VERTICAL SPREAD	:	2.627	2.475	1.565
EXTREME SPREAD	:	2.794	2.550	2.188
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	

28 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225132

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.652

VS= 1.908

GS= 3.006

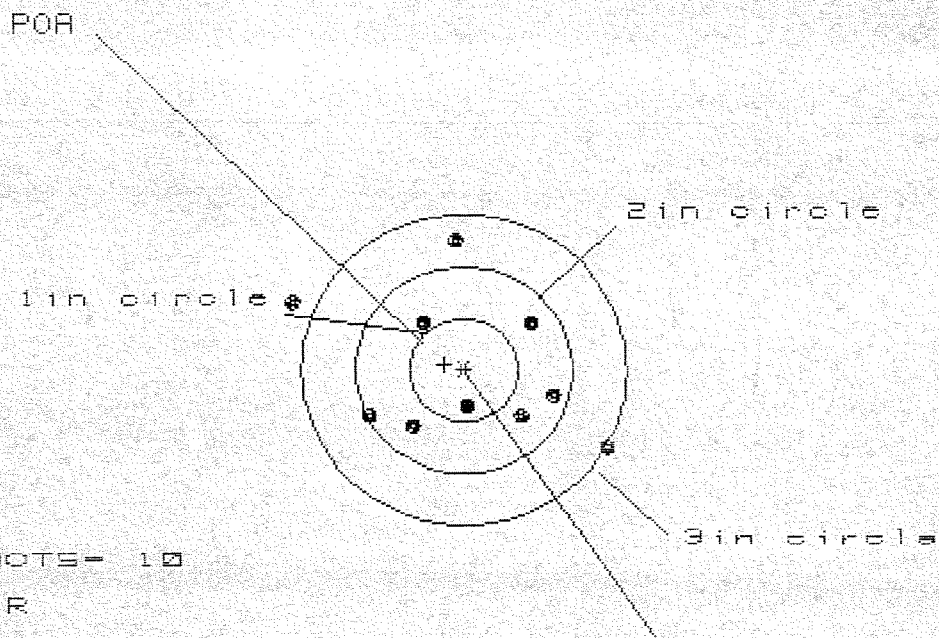
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.698	.956	.860
MINIMUM X	:	-.954	-.765	-.853
MAXIMUM Y	:	.805	.839	.706
MINIMUM Y	:	-1.103	-1.069	-.921
CENTROID X	:	.406	.217	.313
CENTROID Y	:	.420	.386	.519
POA TO CENTROID in.	:	.584	.443	.606
MIN RADIUS	:	.392	.308	.379
MEAN RADIUS	:	.934	.831	.766
MAX RADIUS	:	1.726	1.314	.959
HORIZONTAL SPREAD	:	2.652	1.721	1.713
VERTICAL SPREAD	:	1.908	1.908	1.627
EXTREME SPREAD	:	3.006	2.307	1.727
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225132

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 8

HS= 2.892

VS= 1.935

GS= 3.177

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.363	1.193	.784
MINIMUM X	:	-1.529	-1.007	-.857
MAXIMUM Y	:	1.233	1.301	1.222
MINIMUM Y	:	-.702	-.634	-.506
CENTROID X	:	.179	.349	.199
CENTROID Y	:	-.057	-.125	-.046
POA TO CENTROID in.	:	.188	.370	.205
MIN RADIUS	:	.393	.337	.401
MEAN RADIUS	:	.942	.842	.780
MAX RADIUS	:	1.647	1.351	1.230
HORIZONTAL SPREAD	:	2.892	2.200	1.642
VERTICAL SPREAD	:	1.935	1.935	1.728
EXTREME SPREAD	:	3.177	2.439	1.828
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	