

06225075

MODEL 700™ N24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Stead®

Remington



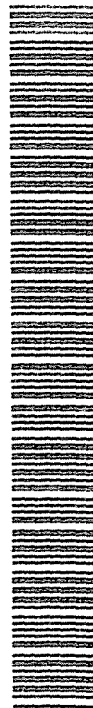
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ H24

SERIAL NO.
C6225075

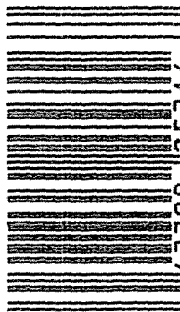
ORDER NO.
5716

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

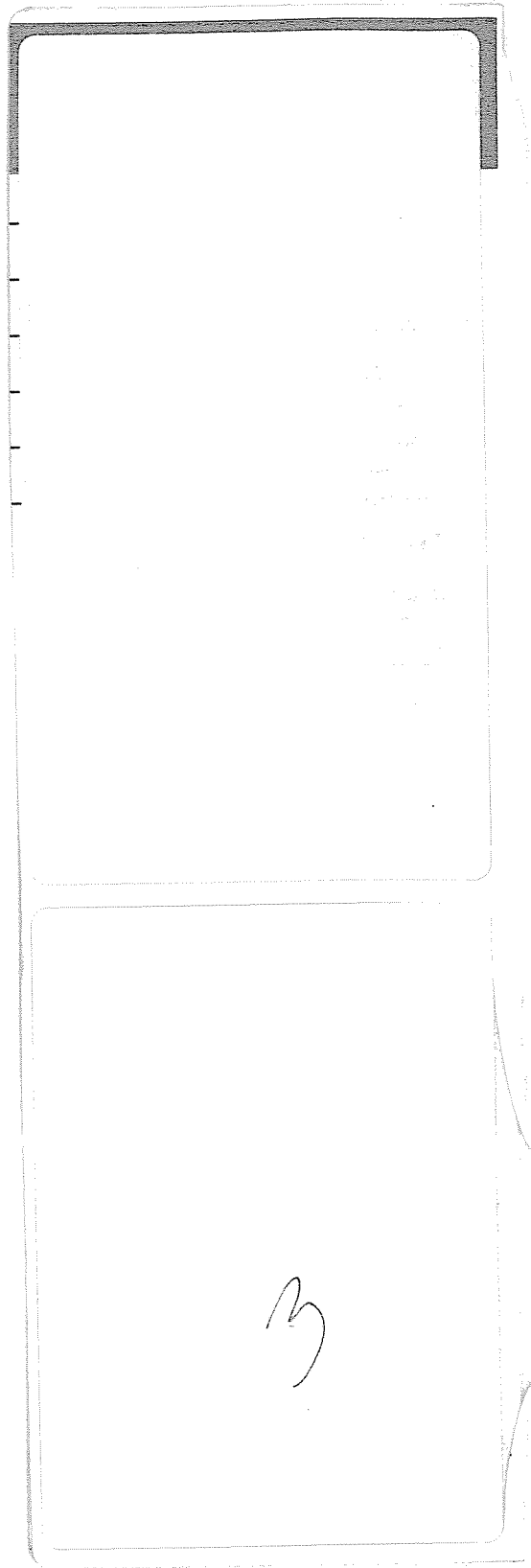


5716 C6225075

LPC



0 47700 25716 7



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225075

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12 9	88	RW
600	Proof	12 9	88	RW
607	Check Headspace	12 9	88	RW
610	Dis-assemble Gun	12 9	88	RW
612	Magnaflux Barrel Action		12-22-88	RFC.
	Magnaflux Bolt		1-3-89	RFC.
615	Rollmark Caliber		12/2/88	MBC.
617	Drill and Tap Sight Holes	1 3	89	FB
618	Polish Barrel	12 2	88	WJT
620	Apply Coatings (Barrel Action)		1-18-89	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/2/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/2/89	RW
	C) Inspect Ejector Hole for Chamfer		2/2/89	RW
	D) Oil Firing Pin Ass'y		2/2/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/2/89	RS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			3 Feb 89	JS
	G) Safety Off Force	3	3	3			3 Feb 89	JS
	H) Trigger Pull Test & Retainability						29 Feb 89	JS
	I) Firing Pin Indent	.0215	.0215	.0215			3 Feb 89	JS
	J) Assemble Stock						2/9/89	RW
	K) Assemble Swivel Studs						15 Feb 89	JS
	L) Attach Front and Rear Sight Assemblies						2/9/89	RW
	M) Iron Sight Alignment						2/9/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/9/89	RW
	O) Attach Scope to Rifle						9 Feb 89	JS
	P) Detach & Attach Scope 20 Times						9 Feb 89	JS
640	Gallery Target & Test	66 R	88 L				2/14/89	AC
	A) Time							AC
	B) Malfunctions				NONE			AC
	C) Pierced Primers				NONE			AC
	D) Optical Clarity of Scope				OK		7/14/89	AC
645	Inspect for Live Ammo				NONE		7/14/89	AC
655	Final Inspection							
	A) Headspace						15 Feb 89	JS
	B) Trigger Pull	2.23	2.37	2.35	2.36	2.36	15 Feb 89	JS
	C) Function						15 Feb 89	JS
660	Pack						3/72	W.B.

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. CL225075

DATE 4-11-80

TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.37	2.41	2.53	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.28	2.39	2.56	
PULL #3	2.39	2.42	2.50	
PULL #4	2.45	2.49	2.52	
PULL #5	2.44	2.43	2.53	
TOTAL	11.93	12.14	12.64	
AVG.	2.386	2.428	2.528	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.40	3.38	
PULL #2	3.43	3.36	
PULL #3	3.42	3.33	
PULL #4	3.31	3.35	
PULL #5	3.34	3.30	
TOTAL	16.90	16.72	
AVG.	3.38	3.344	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.29		
PULL #2	4.20	4.31		
PULL #3	4.24	4.30		
PULL #4	4.29	4.19		
PULL #5	4.16	4.36		
TOTAL	21.23	21.45		
AVG.	4.246	4.29		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225075
17 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.150047
1 TO	2	.0863134
1 TO	3	.425011
1 TO	4	.494328
1 TO	5	.1922

3.4 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0348
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0098
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0361536

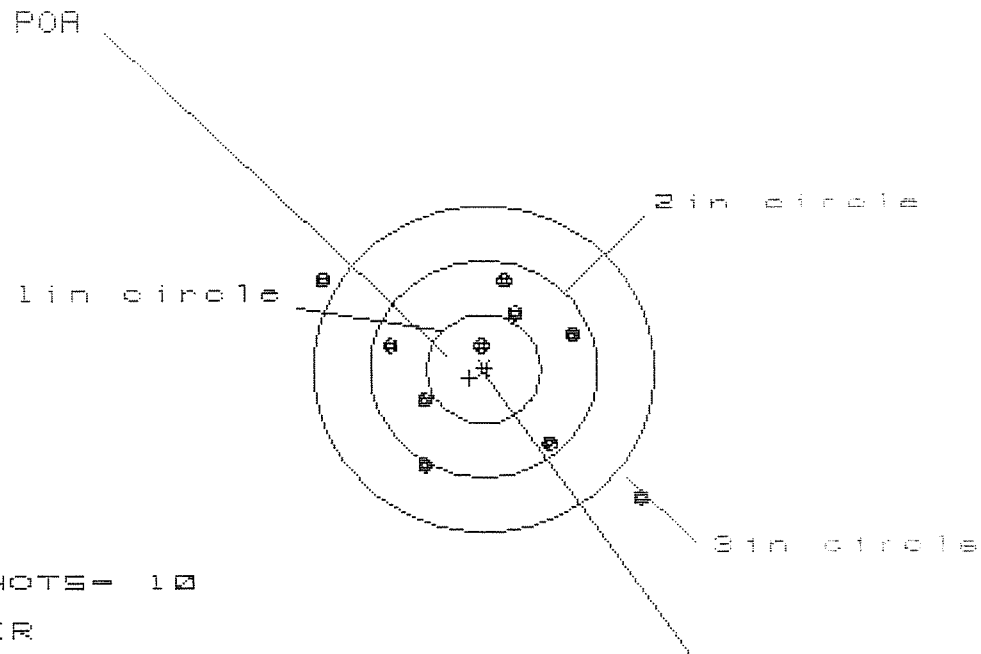
THE AMR FOR THIS RIFLE IS: .7038

17 Feb 1985

FILE:/PATTERNING/CENTERFIRE_PATT/08225075

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 8

HS= 2.803

VS= 2.037

GS= 3.417

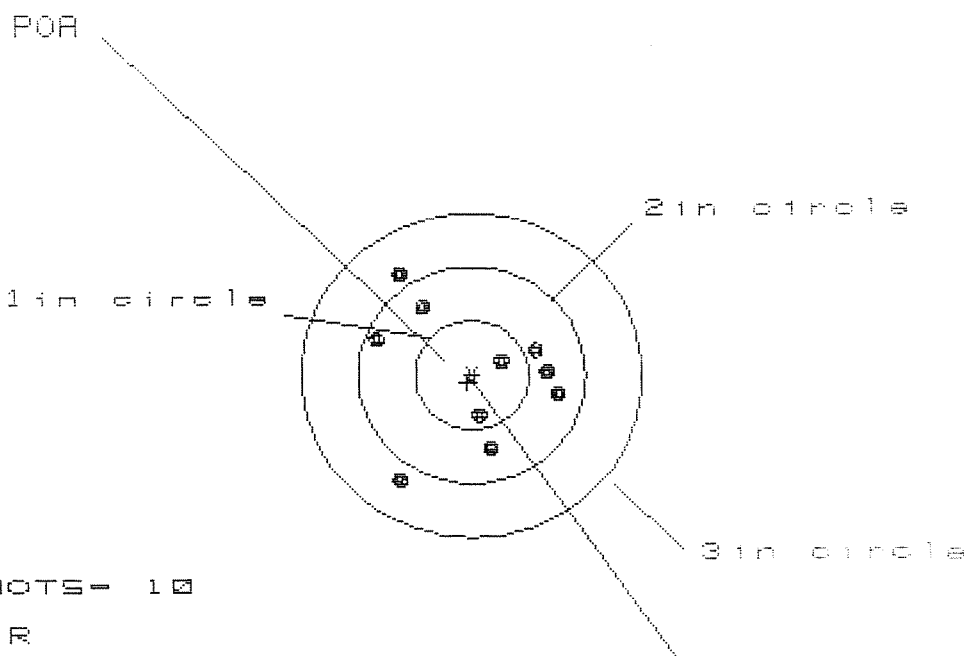
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.424	.961	.808
MINIMUM X	:	-1.379	-1.220	-.823
MAXIMUM Y	:	.853	.722	.801
MINIMUM Y	:	-1.184	-.991	-.912
CENTROID X	:	.125	-.034	.119
CENTROID Y	:	.083	.214	.135
POA TO CENTROID in.	:	.150	.217	.180
MIN RADIUS	:	.188	.128	.136
MEAN RADIUS	:	.932	.806	.727
MAX RADIUS	:	1.852	1.377	1.069
HORIZONTAL SPREAD	:	2.803	2.181	1.631
VERTICAL SPREAD	:	2.037	1.713	1.713
EXTREME SPREAD	:	3.417	2.431	1.878
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

17 Feb 1989

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HS= 1.562

VS= 1.869

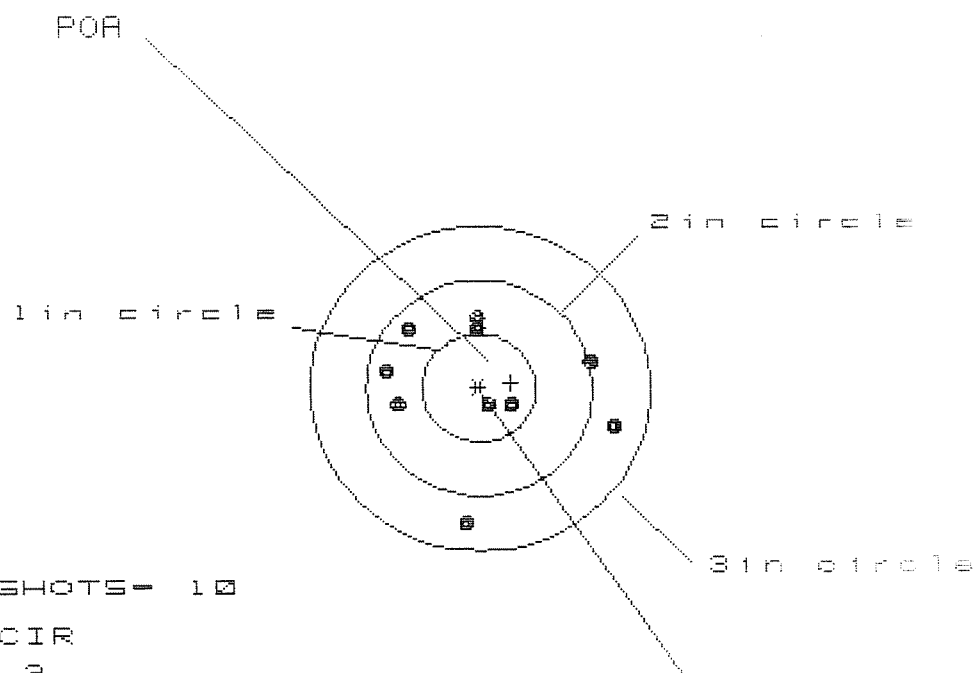
GS= 1.869

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.722	.652	.569
MINIMUM X	:	-.840	-.910	-.993
MAXIMUM Y	:	.918	.813	.622
MINIMUM Y	:	-.951	-.755	-.654
CENTROID X	:	.040	.110	.193
CENTROID Y	:	.068	.173	.072
POA TO CENTROID in.	:	.079	.205	.206
MIN RADIUS	:	.316	.206	.202
MEAN RADIUS	:	.730	.668	.593
MAX RADIUS	:	1.142	1.049	1.032
HORIZONTAL SPREAD	:	1.562	1.562	1.562
VERTICAL SPREAD	:	1.869	1.568	1.276
EXTREME SPREAD	:	1.869	1.734	1.634
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HS= 1.950

VS= 1.893

GS= 1.993

CENTROID #

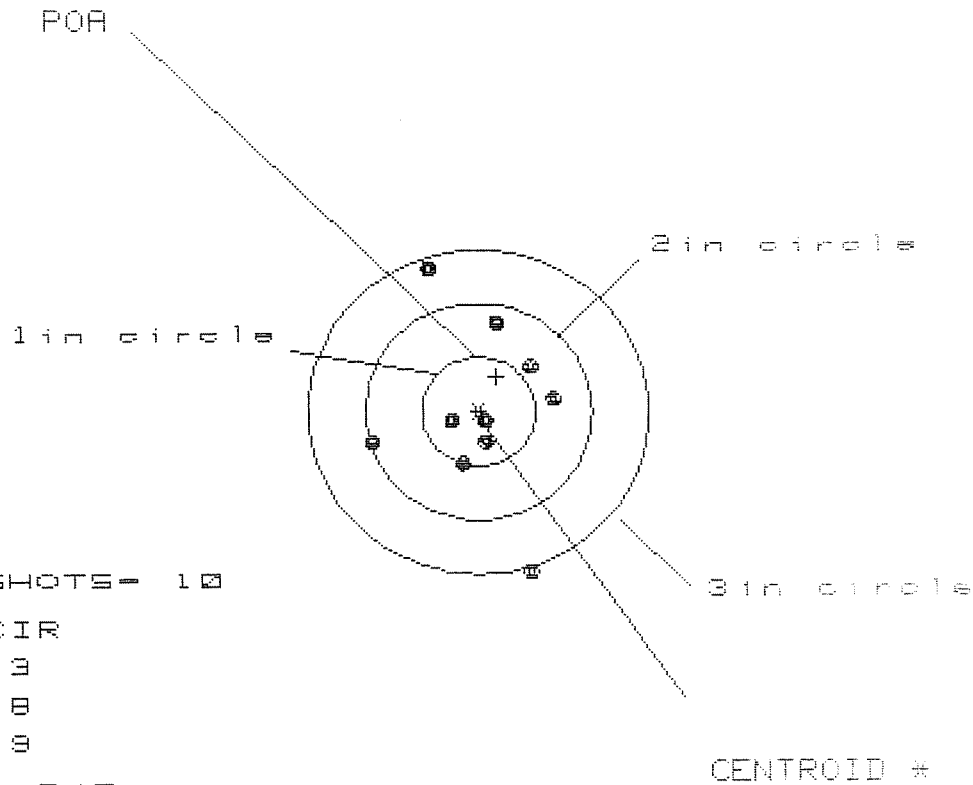
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.128	1.111	1.056
MINIMUM X	:	-.822	-.839	-.700
MAXIMUM Y	:	.614	.471	.416
MINIMUM Y	:	-1.280	-.443	-.358
CENTROID X	:	-.278	-.261	-.400
CENTROID Y	:	-.052	.090	.145
POA TO CENTROID in.	:	.283	.276	.425
MIN RADIUS	:	.141	.277	.344
MEAN RADIUS	:	.739	.668	.588
MAX RADIUS	:	1.289	1.196	1.056
HORIZONTAL SPREAD	:	1.950	1.950	1.756
VERTICAL SPREAD	:	1.893	.914	.774
EXTREME SPREAD	:	1.993	1.993	1.759
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 1.540

VS= 2.753

GS= 2.898

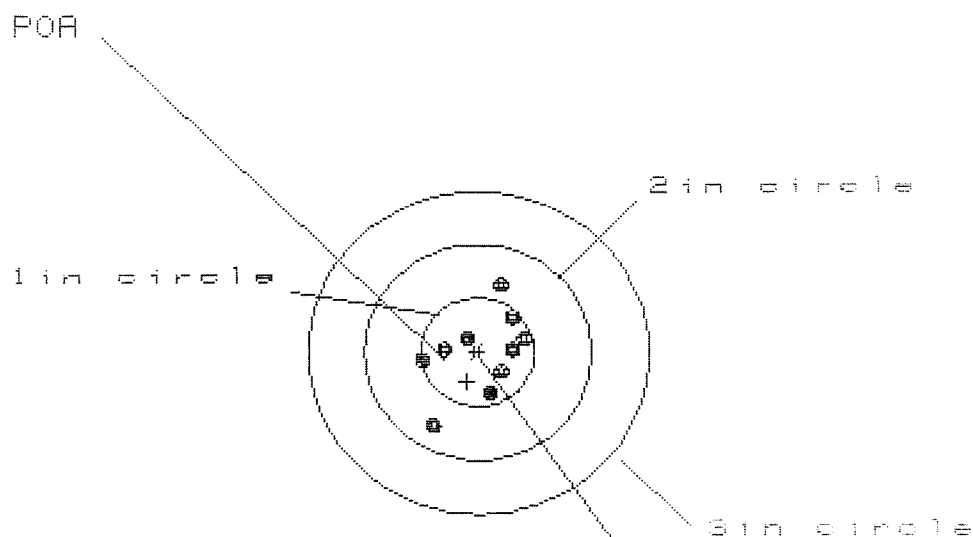
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.612	.663	.613
MINIMUM X	:	-.928	-.877	-.927
MAXIMUM Y	:	1.306	1.145	.787
MINIMUM Y	:	-1.447	-.651	-.508
CENTROID X	:	-.157	-.208	-.158
CENTROID Y	:	-.323	-.162	-.305
POA TO CENTROID in.	:	.359	.263	.344
MIN RADIUS	:	.096	.264	.113
MEAN RADIUS	:	.706	.639	.524
MAX RADIUS	:	1.517	1.212	.963
HORIZONTAL SPREAD	:	1.540	1.540	1.540
VERTICAL SPREAD	:	2.753	1.796	1.295
EXTREME SPREAD	:	2.898	1.826	1.576
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1 in = 7

2 in = 10

3 in = 10

HS= .907

VS= 1.220

GS= 1.374

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.374	.324	.342
MINIMUM X	:	-.533	-.583	-.565
MAXIMUM Y	:	.597	.528	.316
MINIMUM Y	:	-.623	-.422	-.356
CENTROID X	:	.096	.146	.128
CENTROID Y	:	.273	.342	.276
POA TO CENTROID in.	:	.289	.372	.304
MIN RADIUS	:	.216	.212	.210
MEAN RADIUS	:	.412	.364	.337
MAX RADIUS	:	.765	.603	.572
HORIZONTAL SPREAD	:	.907	.907	.907
VERTICAL SPREAD	:	1.220	.950	.672
EXTREME SPREAD	:	1.374	.995	.928
NUMBER IN ONE INCH CIRCLE	=		7	
NUMBER IN TWO INCH CIRCLE	=		10	
NUMBER IN THREE INCH CIRCLE	=		10	