

C6587748

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

BARBER, M24 0026321

R ORDER
94-18120

W/10X SCOPE M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN

Scope S/N 98 1032

36201-5025

BARBER - M24 0026991 M2400026370

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587748DATE 5-17-96TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.72	2.79	2.55	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.75	2.84	2.44	
PULL #3	2.89	2.79	2.57	
PULL #4	2.57	2.84	2.70	
PULL #5	2.92	2.71	2.65	
TOTAL	13.85	13.97	12.91	
AVG.	2.77	2.79	2.58	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	2.93	3.14	
PULL #2	3.03	3.16	
PULL #3	2.90	3.08	
PULL #4	2.96	2.93	
PULL #5	2.90	2.90	
TOTAL	14.72	15.21	
AVG.	2.94	3.04	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.06	4.20		4.06
PULL #2	4.16	4.29		4.17
PULL #3	4.24	4.22		4.24
PULL #4	4.23	4.24		4.13
PULL #5	4.00	4.35		4.21
TOTAL	20.69	21.30		20.81
AVG.	4.13	4.26		4.16

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587748
27 Mar 1988

CENTROIDAL DISTANCES

0 TO	1	.704114
1 TO	2	.733003
1 TO	3	.688222
1 TO	4	.604669
1 TO	5	.725536

1
2-10 <----FOR

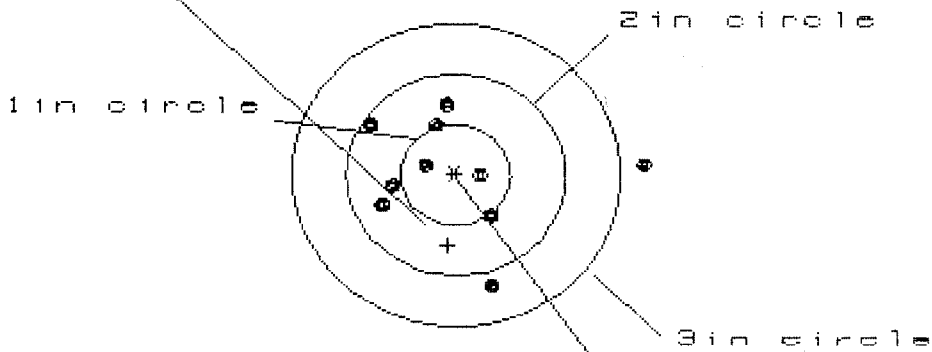
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0774
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1706
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .187337
THE AMR FOR THIS RIFLE IS: .8172

27 Mar 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6587748

CENTERFIRE PATTERNS # 1

POA



OF SHOTS - 10

IN CIR

1in = 2

2in = 8

3in = 9

HS = 2.573

VS = 1.835

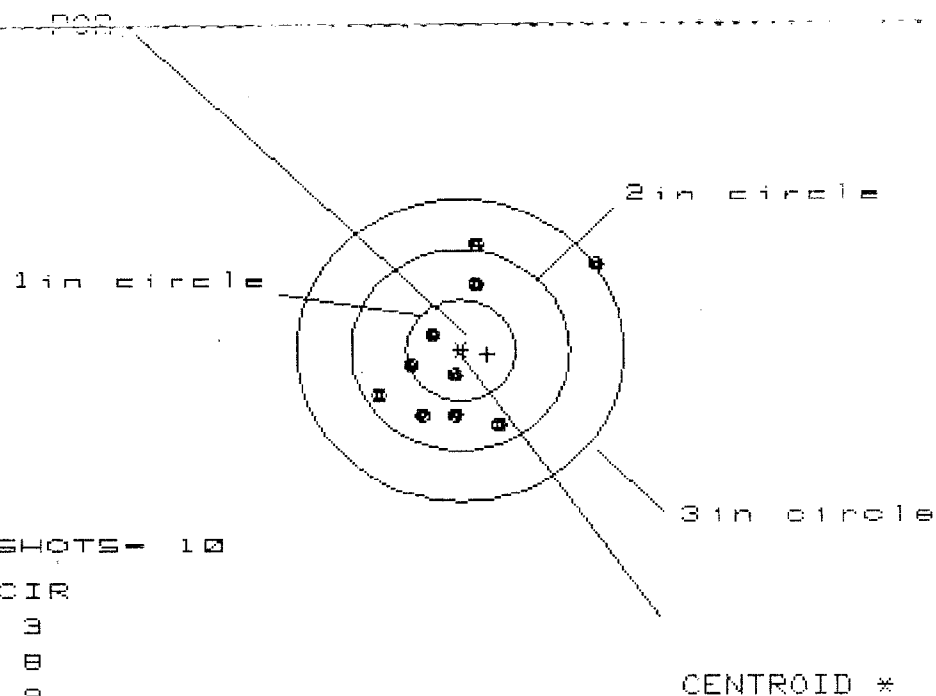
GS = 2.618

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.758	.551	.617
MINIMUM X	-.815	-.620	-.554
MAXIMUM Y	.725	.732	.594
MINIMUM Y	-1.110	-1.103	-.555
CENTROID X	.076	-.119	-.185
CENTROID Y	.700	.693	.831
POA TO CENTROID in.	.704	.704	.852
MIN RADIUS	.213	.197	.062
MEAN RADIUS	.762	.617	.511
MAX RADIUS	1.759	1.223	.830
HORIZONTAL SPREAD	2.573	1.171	1.171
VERTICAL SPREAD	1.835	1.835	1.149
EXTREME SPREAD	2.618	2.015	1.521
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

27 Mar 1908

FILE:/PATTERNING/CENTERFIRE_PATT/C6587748

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 1.968

VS= 1.774

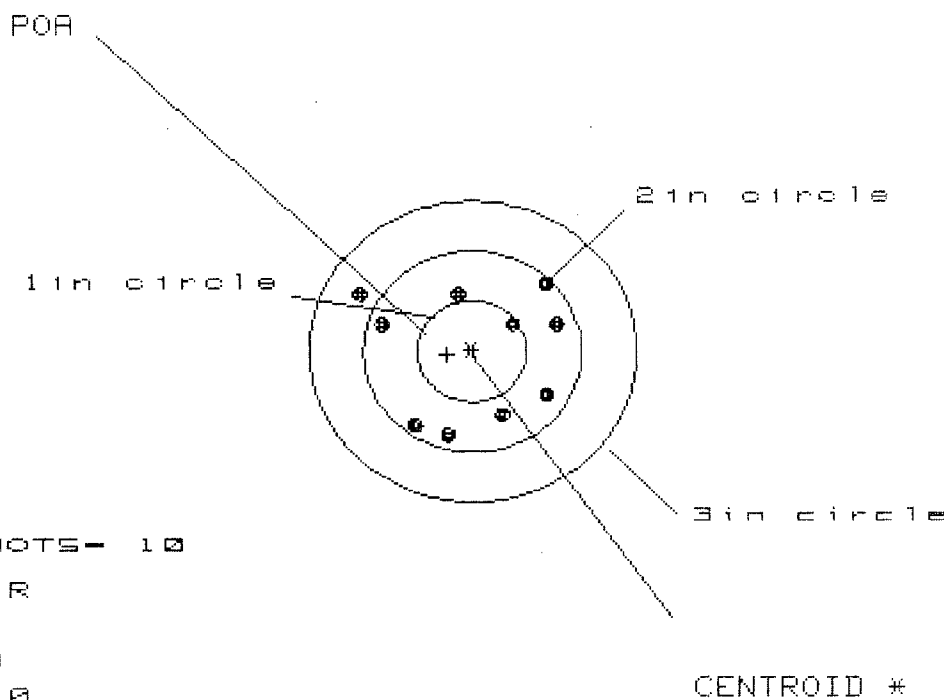
GS= 2.395

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.222	.476	.507
MINIMUM X	:	-.746	-.610	-.579
MAXIMUM Y	:	1.061	1.161	.919
MINIMUM Y	:	-.713	-.613	-.468
CENTROID X	:	-.247	-.383	-.414
CENTROID Y	:	.042	-.058	-.203
POB TO CENTROID in.	:	.250	.387	.461
MIN RADIUS	:	.205	.148	.144
MEAN RADIUS	:	.718	.585	.486
MAX RADIUS	:	1.515	1.187	.963
HORIZONTAL SPREAD	:	1.968	1.086	1.086
VERTICAL SPREAD	:	1.774	1.774	1.387
EXTREME SPREAD	:	2.395	1.788	1.435
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Mar 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6587748

CENTERFIRE PATTERNS ---#---3---



OF SHOTS - 10

IN CIR

1 in - 1

2 in - 9

3 in = 10

HS= 1.815

VS= 1.495

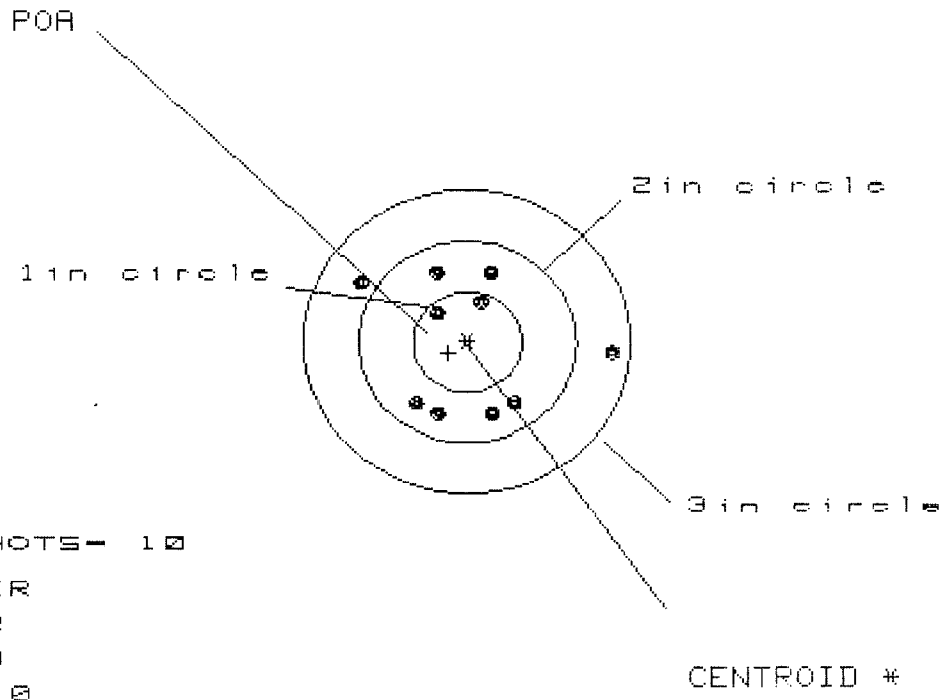
GS= 1.917

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.796	.683	.751
MINIMUM X	-1.019	-.906	-.838
MAXIMUM Y	.675	.736	.756
MINIMUM Y	-.820	-.759	-.667
CENTROID X	.229	.342	.274
CENTROID Y	.029	-.032	-.124
POA TO CENTROID in.	.231	.344	.301
MIN RADIUS	.489	.445	.522
MEAN RADIUS	.808	.752	.729
MAX RADIUS	1.159	.966	.941
HORIZONTAL SPREAD	1.815	1.589	1.589
VERTICAL SPREAD	1.495	1.495	1.423
EXTREME SPREAD	1.917	1.842	1.648
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	

27 Mar 1968

JEU 5-1/PATTERNING/CENTERFIRE_PATT/09587249

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in - 2

2 in - 8

3 in - 10

HS - 2.284

VS - 1.450

GS - 2.384

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.283
MINIMUM X	-1.001
MAXIMUM Y	.726
MINIMUM Y	-.724
CENTROID X	.172
CENTROID Y	.103
POA TO CENTROID in.	.201
MIN RADIUS	.446
MEAN RADIUS	.773
MAX RADIUS	1.290
HORIZONTAL SPREAD	2.284
VERTICAL SPREAD	1.450
EXTREME SPREAD	2.384
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	8
NUMBER IN THREE INCH CIRCLE =	10

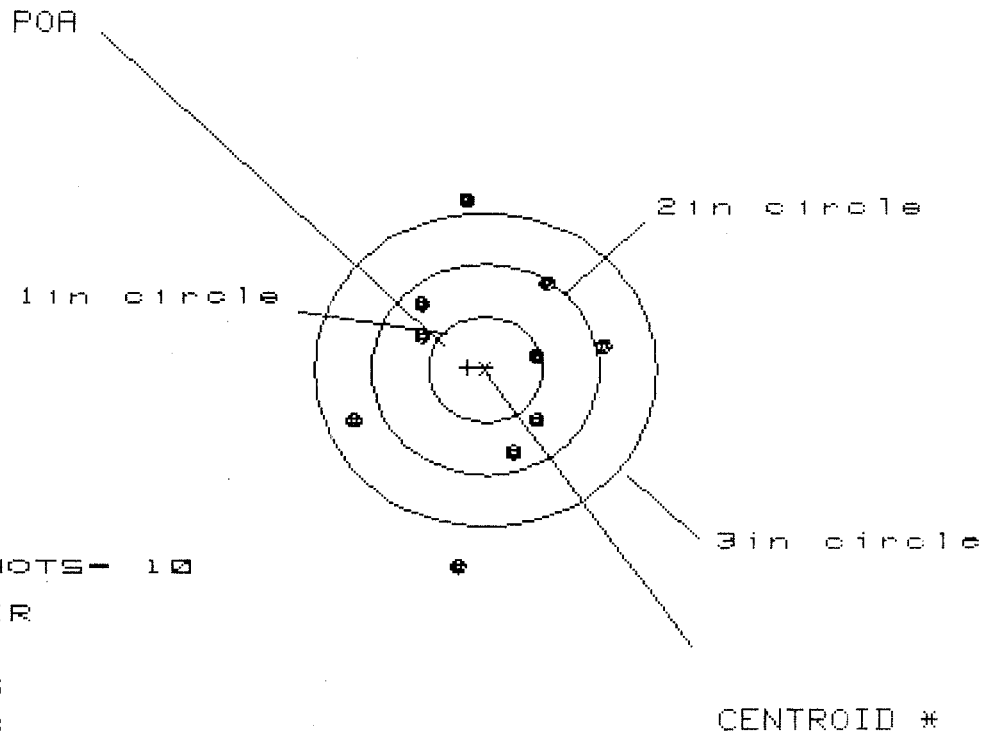
27 Mar 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6587748

BARBER - M24 0026338

CENTERFIRE PATTERNS

5



OF SHOTS - 10

IN CIR

1in - 1

2in - 5

3in - 8

HS - 2.251

VS - 3.482

GS - 3.484

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.092	1.064	1.042
MINIMUM X	:	-1.159	-1.187	-1.209
MAXIMUM Y	:	1.586	1.375	.781
MINIMUM Y	:	-1.896	-.986	-.814
CENTROID X	:	.157	.185	.207
CENTROID Y	:	-.021	.190	.018
POA TO CENTROID in.	:	.159	.265	.207
MIN RADIUS	:	.474	.448	.418
MEAN RADIUS	:	1.025	.909	.836
MAX RADIUS	:	1.913	1.395	1.332
HORIZONTAL SPREAD	:	2.251	2.251	2.251
VERTICAL SPREAD	:	3.482	2.361	1.595
EXTREME SPREAD	:	3.484	2.391	2.358
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6587748

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			

op. #	BARBER - M24 0026340		READINGS					DATE	INIT
	OP. NAME								
625 cont.	F) Safety On Force		6	6	6			5/29/96	A
	G) Safety Off Force		4	4	4			5/29/96	A
	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		2.53	2.53	2.48	2.43	2.57	5/29/96	W3
	C) Function								
660	Pack								

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

MODEL 700™ M24

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

DU PONT

SERIAL NO. C6587748

ORDER NO. 5716

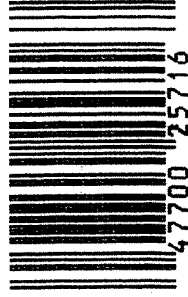
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6587748

UPC



0 47700 25716 7

INTERCHANGEABILITY

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 658774P

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/18/90	KA
600	Proof		10/18/90	KA
607	Check Headspace		10/18/90	KA
610	Dis-assemble Gun		10/18/90	KA
612	Magnaflux Barrel Action		10/22/90	KR
	Magnaflux Bolt		10/22	KR
615	Rollmark Caliber		10/27	GL
617	Drill and Tap Sight Holes		10/27/90	KB
618	Polish Barrel		10/24/90	WB
620	Apply Coatings (Barrel Action)		11/6/90	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11-6-90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11-6-90	KS
	C) Inspect Ejector Hole for Chamfer		11-6-90	KS
	D) Oil Firing Pin Ass'y		11-6-90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11-8-90	JA

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4.3/4	5.0	5.0	11/7/90	KS
	G) Safety Off Force	3.0	2.3/4	3.0	11/7/90	KS
	H) Trigger Pull Test & Retainability				11-8-90	JH
	I) Firing Pin Indent	.021	.021	.022	11/7/90	KS
	J) Assemble Stock				11/8/90	KS
	K) Assemble Swivel Studs				11-20-90	DH
	L) Attach Front and Rear Sight Assemblies				11/8/90	KS
	M) Iron Sight Alignment				11/8/90	KS
	N) Detach Front & Rear Sights & place in numbered container				11/8/90	KS
	O) Attach Scope to Rifle				11/8/90	KS
	P) Detach & Attach Scope 20 Times				11/8/90	KS
640	Gallery Target & Test				11-9-90	KL
	A) Time				11-9-90	KL
	B) Malfunctions				11-9-90	KL
	C) Pierced Primers				11-9-90	KL
	D) Optical Clarity of Scope				11-9-90	KL
645	Inspect for Live Ammo				11-9-90	KL
655	Final Inspection					
	A) Headspace				11-20-90	DH
	B) Trigger Pull	232	234	232	11-20-90	DH
	C) Function				11-20-90	DH
660	Pack				12-19-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06587748

DATE 11-8-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.12	2.15	2.33	2.32	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.14	2.35	2.14	2.34	
PULL #3	2.17	2.30	2.46	2.32	
PULL #4	2.24	2.12	2.47	2.35	
PULL #5	2.25	2.38	2.49	2.35	
TOTAL	10.92	11.30	11.89		
AVG.	2.184	2.26	2.378		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.33		
PULL #2	3.28	3.33		
PULL #3	3.33	3.35		
PULL #4	3.49	3.47		
PULL #5	3.33	3.34		
TOTAL	16.85	16.79		
AVG.	3.37	3.354		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.31	4.25		4.26
PULL #2	4.30	4.27		4.32
PULL #3	4.36	4.30		4.32
PULL #4	4.30	4.33		4.29
PULL #5	4.13	4.37		4.36
TOTAL	21.40	21.52		21.55
AVG.	4.28	4.304		4.31

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587748
12 Dec 1990

CENTROIDAL DISTANCES

0 TO	1	.509836
1 TO	2	.406591
1 TO	3	.50698
1 TO	4	.736523
1 TO	5	.662861

¹
54 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1774
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.054
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .185437
THE AMR FOR THIS RIFLE IS: .8842

12 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587748

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in - 1

2 in - 5

3 in = 9

HS= 2.398

VS= 2.031

GS= 2.669

CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.224	1.324	1.395
MINIMUM X	:	-1.175	-1.074	-.908
MAXIMUM Y	:	1.269	.607	.571
MINIMUM Y	:	-.762	-.621	-.545
CENTROID X	:	.363	.263	.097
CENTROID Y	:	.358	.217	.141
POA TO CENTROID in.	:	.510	.341	.171
MIN RADIUS	:	.106	.111	.293
MEAN RADIUS	:	.978	.886	.801
MAX RADIUS	:	1.560	1.457	1.399
HORIZONTAL SPREAD	:	2.398	2.398	2.303
VERTICAL SPREAD	:	2.031	1.228	1.116
EXTREME SPREAD	:	2.669	2.529	2.402
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

12 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587748

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 1

2in = 5

3in = 9

HS = 2.233

VS = 2.529

GS = 2.763

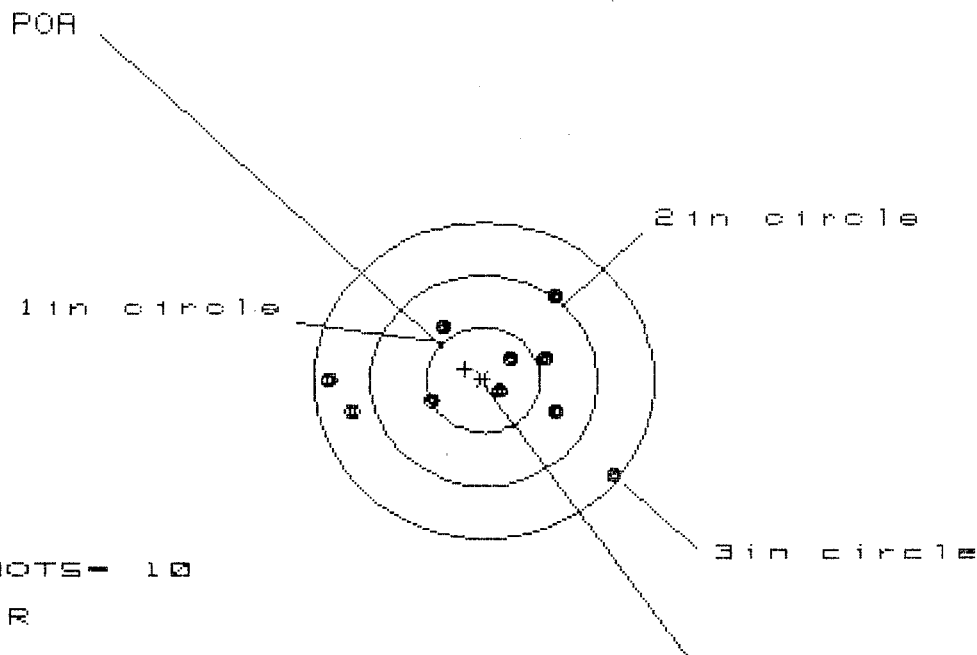
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.140	1.019	1.044
MINIMUM X	:	-1.093	-.741	-.716
MAXIMUM Y	:	1.188	1.303	1.150
MINIMUM Y	:	-1.341	-1.226	-.876
CENTROID X	:	.163	.284	.259
CENTROID Y	:	.084	-.111	.042
POA TO CENTROID in.	:	.163	.305	.262
MIN RADIUS	:	.367	.444	.469
MEAN RADIUS	:	.922	.853	.795
MAX RADIUS	:	1.502	1.308	1.158
HORIZONTAL SPREAD	:	2.233	1.760	1.760
VERTICAL SPREAD	:	2.529	2.529	2.026
EXTREME SPREAD	:	2.763	2.531	2.200
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

12 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587748

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS = 2.517

VS = 1.763

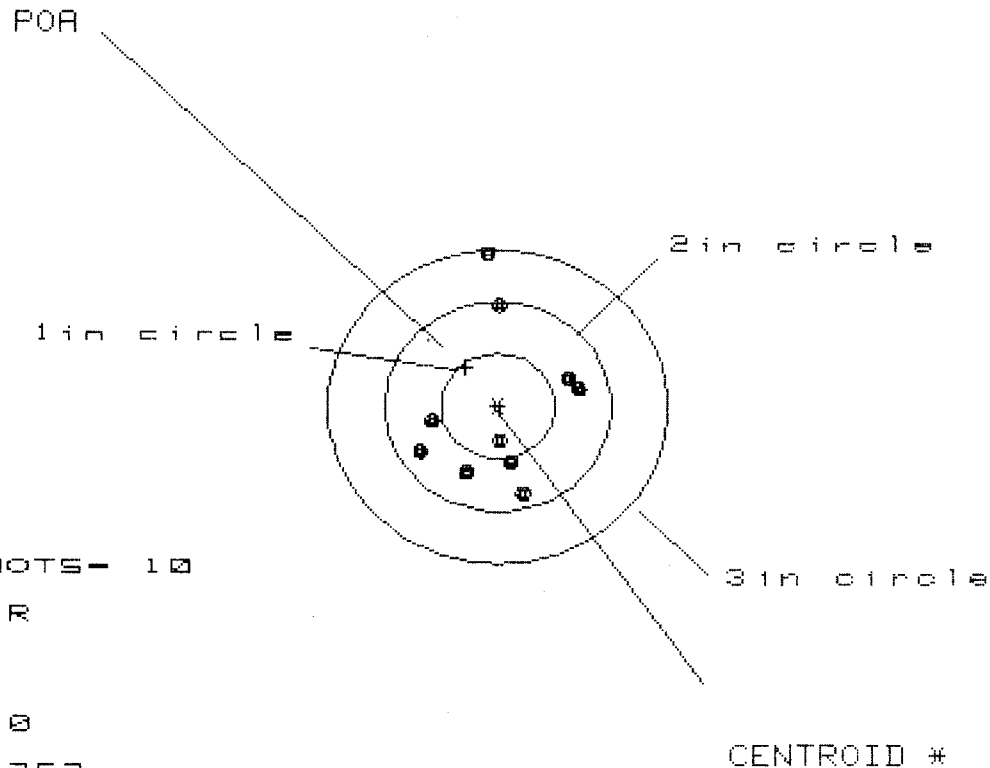
GS = 2.692

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.185	.755	.605
MINIMUM X	:	-1.332	-1.200	-1.155
MAXIMUM Y	:	.844	.742	.734
MINIMUM Y	:	-.919	-.427	-.435
CENTROID X	:	.161	.029	.179
CENTROID Y	:	-.107	-.005	.004
POA TO CENTROID in.	:	.193	.029	.179
MIN RADIUS	:	.144	.310	.212
MEAN RADIUS	:	.808	.739	.648
MAX RADIUS	:	1.500	1.202	1.234
HORIZONTAL SPREAD	:	2.517	1.955	1.760
VERTICAL SPREAD	:	1.763	1.169	1.169
EXTREME SPREAD	:	2.692	2.115	2.113
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

12 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587748

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 9

3 in = 10

HS= 1.357

VS= 2.310

GS= 2.336

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.673	.663	.661
MINIMUM X	:	-.684	-.694	-.696
MAXIMUM Y	:	1.448	1.142	.566
MINIMUM Y	:	-.862	-.701	-.559
CENTROID X	:	.285	.295	.297
CENTROID Y	:	-.371	-.532	-.674
POA TO CENTROID in.	:	.467	.608	.737
MIN RADIUS	:	.321	.160	.030
MEAN RADIUS	:	.766	.646	.539
MAX RADIUS	:	1.451	1.142	.832
HORIZONTAL SPREAD	:	1.357	1.357	1.357
VERTICAL SPREAD	:	2.310	1.843	1.125
EXTREME SPREAD	:	2.336	1.861	1.490
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	9		
NUMBER IN THREE INCH CIRCLE	=	10		

12 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587748

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 2.397

VS= 2.257

GS= 2.401

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.462	1.018	1.031
MINIMUM X	:	-.935	-.773	-.760
MAXIMUM Y	:	.820	.840	.662
MINIMUM Y	:	-1.437	-1.417	-1.223
CENTROID X	:	-.058	-.220	-.233
CENTROID Y	:	-.154	-.174	.004
POA TO CENTROID in.	:	.165	.280	.233
MIN RADIUS	:	.483	.499	.465
MEAN RADIUS	:	.947	.873	.774
MAX RADIUS	:	1.472	1.421	1.254
HORIZONTAL SPREAD	:	2.397	1.791	1.791
VERTICAL SPREAD	:	2.257	2.257	1.885
EXTREME SPREAD	:	2.401	2.339	2.039
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587748
18 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.144031
1 TO	2	.0832406
1 TO	3	.267434
1 TO	4	.08228
1 TO	5	.235919



<----POA

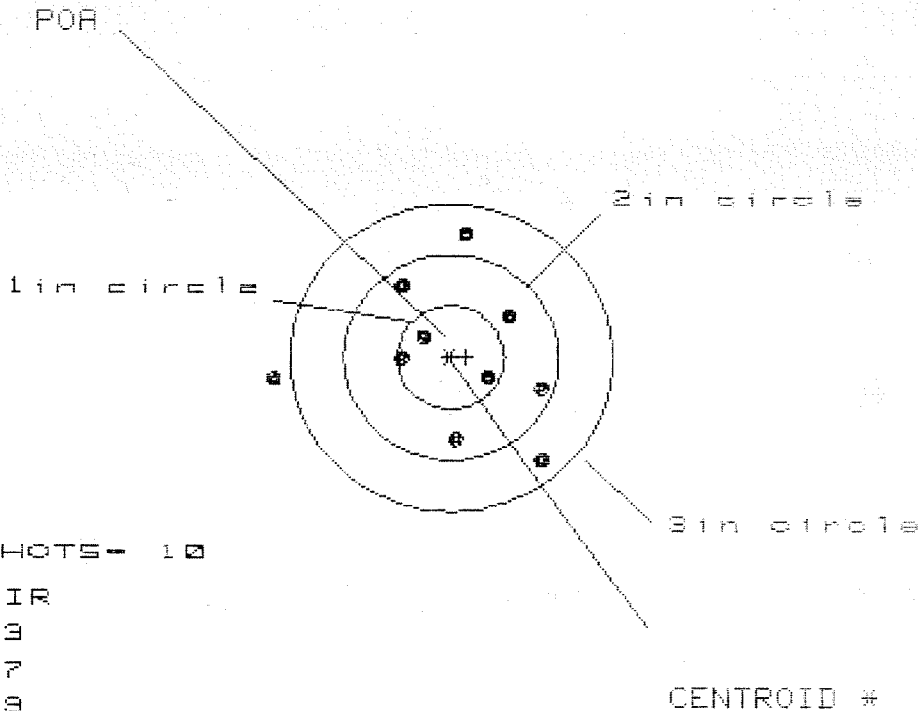
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0774
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0128
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0784513

THE AMR FOR THIS RIFLE IS: 1.091

5 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587748

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in - 3

2 in - 7

3 in - 9

HS - 2.492

VS - 2.219

GS - 2.630

CENTROID #

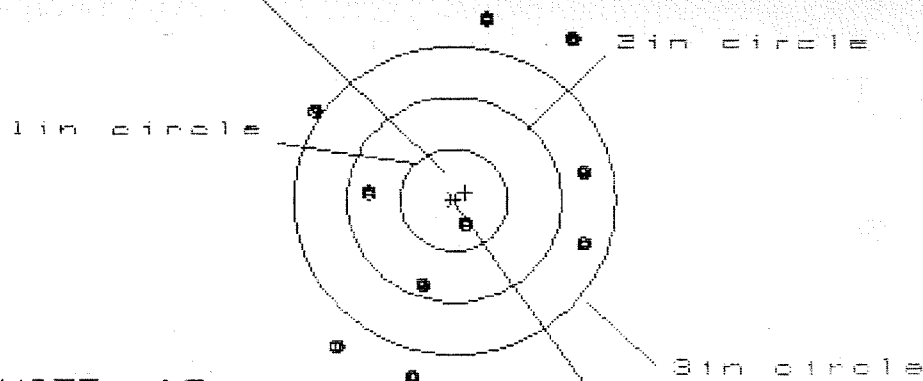
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.835	.651	.703
MINIMUM X	-1.657	-.674	-.593
MAXIMUM Y	1.174	1.151	1.018
MINIMUM Y	-1.045	-1.068	-.939
CENTROID X	-.144	.040	-.041
CENTROID Y	-.003	.020	.153
POA TO CENTROID in.	.144	.045	.159
MIN RADIUS	.376	.237	.391
MEAN RADIUS	.860	.756	.689
MAX RADIUS	1.670	1.251	1.022
HORIZONTAL SPREAD	2.492	1.325	1.296
VERTICAL SPREAD	2.219	2.219	1.957
EXTREME SPREAD	2.630	2.310	1.960
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

9 Nov 1990

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CENTERFIRE PATTERNS # 2

POR



OF SHOTS - 10

IN CIR

1in = 1

2in = 3

3in = 5

HS = 2.561

VS = 3.435

GS = 3.690

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.249	1.374	1.247
MINIMUM X	:	-1.312	-1.187	-1.314
MAXIMUM Y	:	1.741	1.911	1.760
MINIMUM Y	:	-1.694	-1.524	-1.675
CENTROID X	:	-.104	-.229	-.102
CENTROID Y	:	-.076	-.246	-.095
POR TO CENTROID in.	:	.129	.336	.139
MIN RADIUS	:	.290	.253	.272
MEAN RADIUS	:	1.321	1.226	1.187
MAX RADIUS	:	1.900	1.949	1.778
HORIZONTAL SPREAD	:	2.561	2.561	2.561
VERTICAL SPREAD	:	3.435	3.435	3.435
EXTREME SPREAD	:	3.690	3.493	3.493
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	

9 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587748

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS = 2.724

VS = 3.049

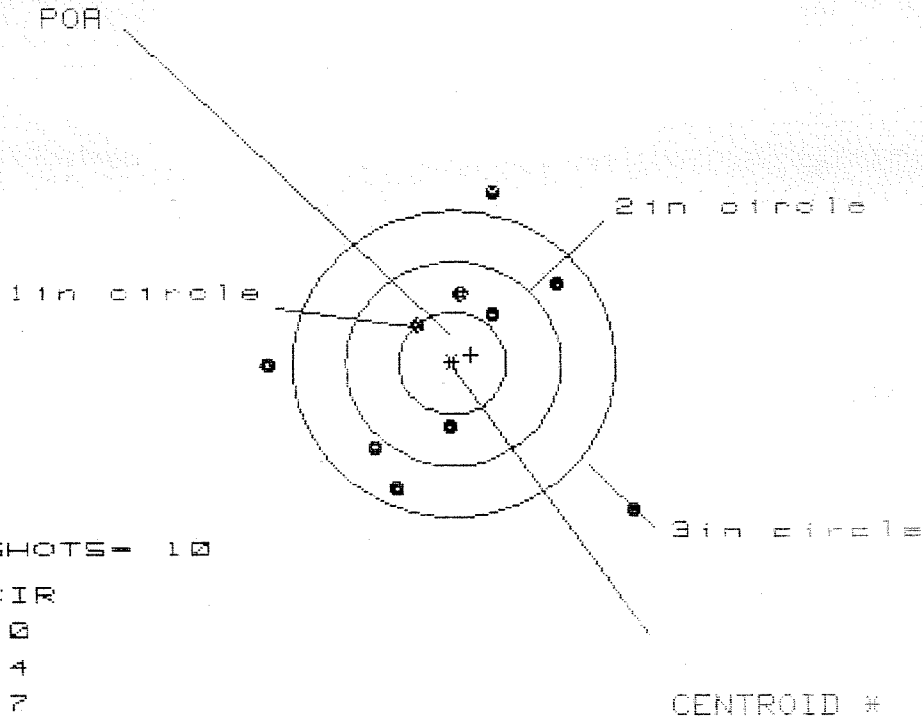
GS = 3.322

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.276	1.116	.988
MINIMUM X	:	-1.448	-1.064	-1.192
MAXIMUM Y	:	1.501	1.653	.869
MINIMUM Y	:	-1.548	-1.396	-1.189
CENTROID X	:	.095	.255	.383
CENTROID Y	:	-.123	-.275	-.482
POA TO CENTROID in.	:	.155	.376	.616
MIN RADIUS	:	.308	.402	.375
MEAN RADIUS	:	1.172	1.057	.927
MAX RADIUS	:	1.992	1.945	1.198
HORIZONTAL SPREAD	:	2.724	2.180	2.180
VERTICAL SPREAD	:	3.049	3.049	2.058
EXTREME SPREAD	:	3.322	3.211	2.261
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			7	

9 Nov 1998

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CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in - 0

2in - 4

3in - 7

HS - 3.362

VS - 3.140

GS - 3.662

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.622

1.149

.954

MINIMUM X

-1.740

-1.559

-.742

MAXIMUM Y

1.685

1.523

1.503

MINIMUM Y

-1.455

-1.367

-1.387

CENTROID X

-.167

-.348

-.153

CENTROID Y

-.082

.080

.100

POA TO CENTROID in.

.186

.357

.183

MIN RADIUS

.535

.297

.427

MEAN RADIUS

1.176

1.036

.951

MAX RADIUS

2.179

1.622

1.546

HORIZONTAL SPREAD

3.362

2.708

1.696

VERTICAL SPREAD

3.140

2.890

2.890

EXTREME SPREAD

3.662

3.020

3.020

NUMBER IN ONE INCH CIRCLE =

0

NUMBER IN TWO INCH CIRCLE =

4

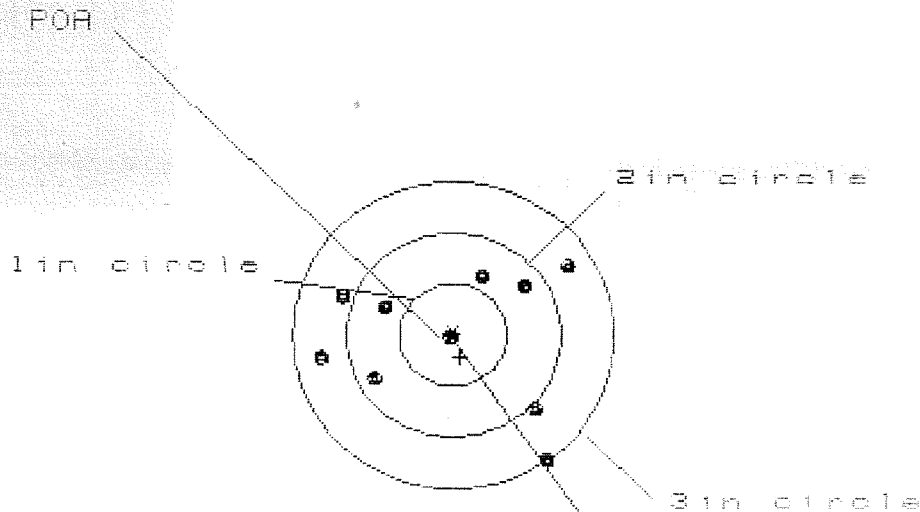
NUMBER IN THREE INCH CIRCLE =

7

9 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587748

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.279

VS= 1.954

GS= 2.561

CENTROID +

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.046	1.146	.988
MINIMUM X	-1.233	-1.133	-.990
MAXIMUM Y	.695	.555	.554
MINIMUM Y	-1.259	-.837	-.767
CENTROID X	-.067	-.167	-.310
CENTROID Y	.220	.360	.290
POA TO CENTROID in.	.230	.397	.425
MIN RADIUS	.018	.166	.259
MEAN RADIUS	.927	.850	.788
MAX RADIUS	1.548	1.273	1.251
HORIZONTAL SPREAD	2.279	2.279	1.978
VERTICAL SPREAD	1.954	1.392	1.321
EXTREME SPREAD	2.561	2.439	2.110
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		