C622529

MODEL 700™ M24

Model SWS™

Action

Barrel Length

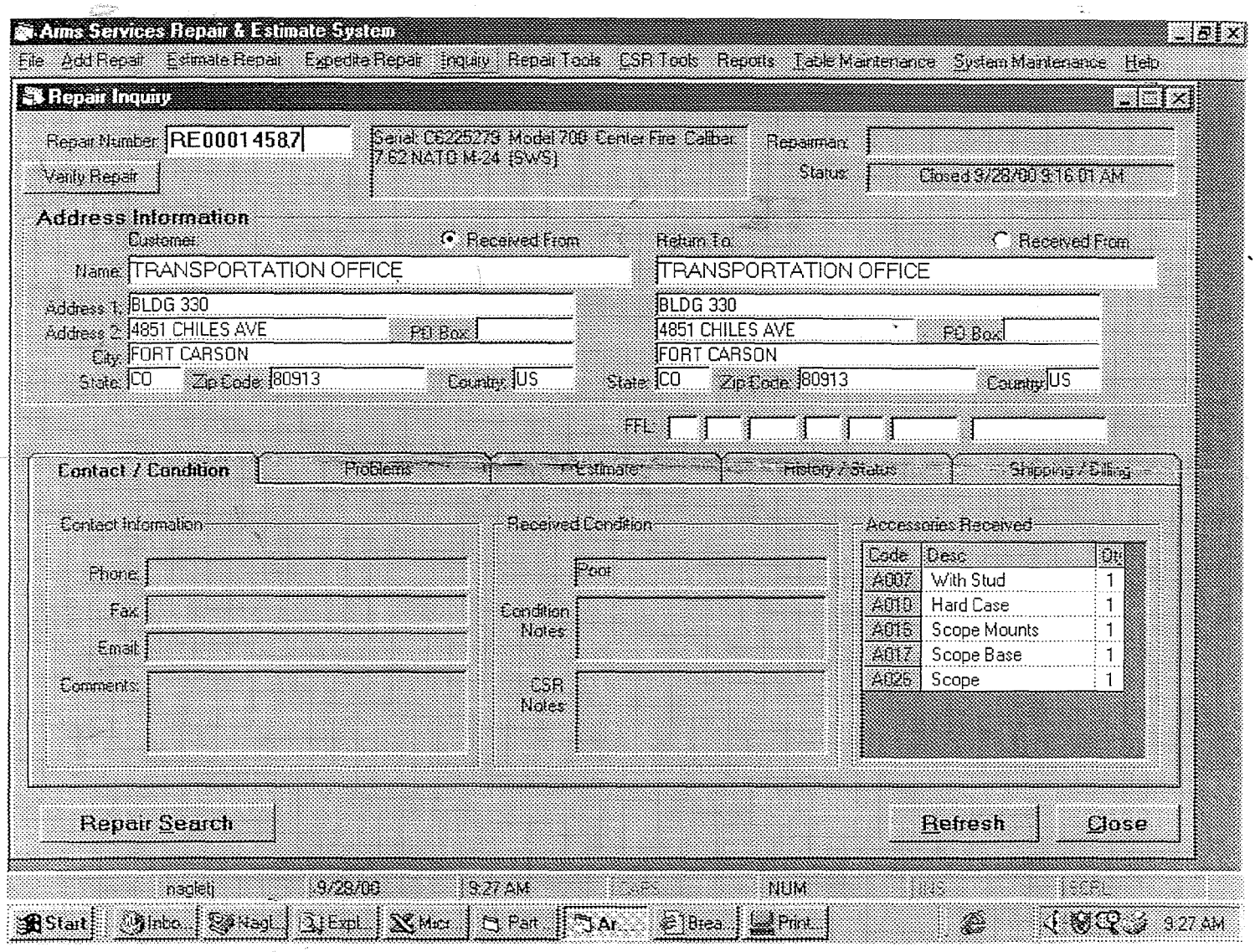
Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®

Sitmed®



Serial Number: C6225279 BBL - 96023

Model: 700

RE00014587

Final Inspection

S/N: C6225279	DATE REC'D: 9-27-00	DATE RET'D:

AUDITOR: CK

Item:

Barrel Assy.
- ✓ Barrel
- ✓ Receiver
- ✓ Front Sight Block
- ✓ Rear Sight Block
- ✓ Screws
- ✓ Finish

Item:

Stock Assy.
- ✓ Stock
- ✓ Sling Swivel Studs
- ✓ Adjustable Butt Plate
- ✓ Lock Nuts
- ✓ Barrel Clearance
- ✓ Color/Finish

Scope Assy.
- ✓ Scope
- ✓ Scope Rings
- ✓ Mounting Screws
- ✓ Mounting Base
- ✓ Screws
- ✓ Finish
- ✓ Looseness
- ✓ Clarity

Systems Case
- ___ Scope Case
- ___ Iron Sights
- ___ Deployment Kit

Trigger
- ✓ Safety Operation
- ✓ Set
- ___

Comments: ___

Misc.
- ___ DD-250
- ___ Bar Code
- ___ Packaging

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER	14587
SERIAL NUMBER	C6725279
LOG-IN DATE	9-27-00

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-29-00	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	10-11-00	RW
605	CHECK HEADSPACE	10-11-00	CK
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-1-00	RW
655	FINAL INSPECT	11-3-00	CK
660	PACK		
	QAR INSPECTION DATE	SHIP DATE	

Remington Test Lab, Ilion, N.Y.

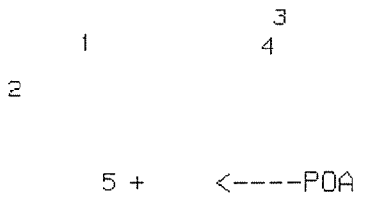
Centroidal distance calculations for Rifle # c6225279
1 Nov 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0952
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .717
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .723293

THE AMR FOR THIS RIFLE IS: 1.034

CENTROIDAL DISTANCES

0 TO 1 1
1 TO 2 .562765
1 TO 3 1.32944
1 TO 4 1.22725
1 TO 5 .949916



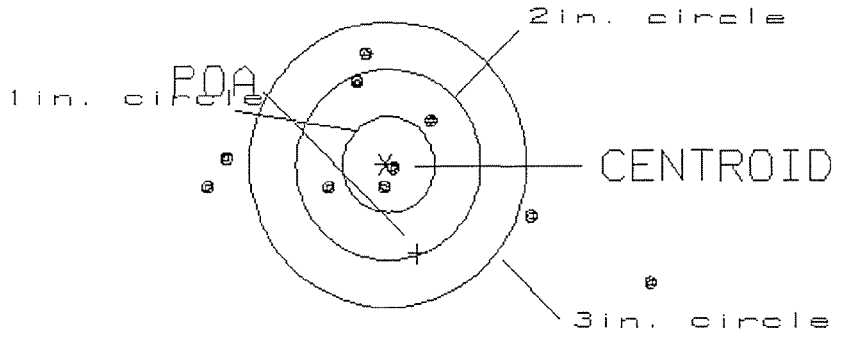
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 1 □

POA TO CENTROID:		1.000
MIN RADIUS	:	.090
MEAN RADIUS	:	1.224
MAX RADIUS	:	3.080
CENTROID X	:	-.352
CENTROID Y	:	.936

31 Oct 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225279

CENTERFIRE PATTERN # 1



# OF SHOTS= 10	# IN CIRCLE
HS= 4.73	2
VS= 2.34	5
GS= 4.83	6

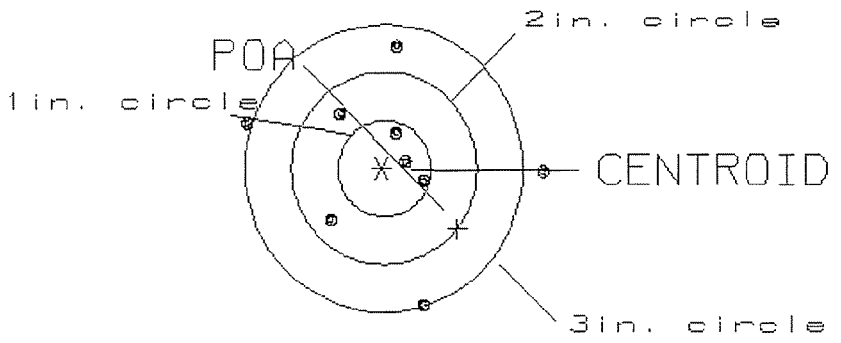
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2

POA TO CENTROID:		1.035
MIN RADIUS	:	.265
MEAN RADIUS	:	.940
MAX RADIUS	:	1.723
CENTROID X	:	-.823
CENTROID Y	:	.628

31 Oct 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225279

CENTERFIRE PATTERN # 2



# OF SHOTS= 10	# IN CIRCLE
HS= 3.20	3
VS= 2.66	6
GS= 3.24	8

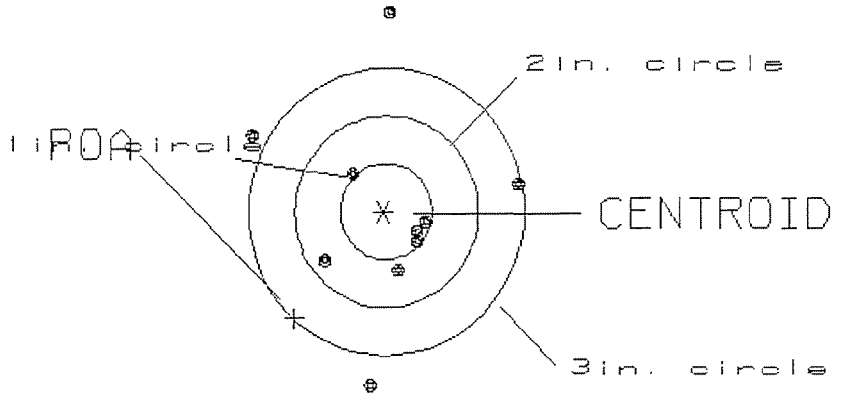
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3

POA TO CENTROID	:	1.471
MIN RADIUS	:	.399
MEAN RADIUS	:	1.031
MAX RADIUS	:	2.076
CENTROID X	:	.966
CENTROID Y	:	1.110

31 Oct 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225279

CENTERFIRE PATTERN # 3



# OF SHOTS= 10	# IN CIRCLE
HS= 2.83	3
VS= 3.88	6
GS= 3.89	7

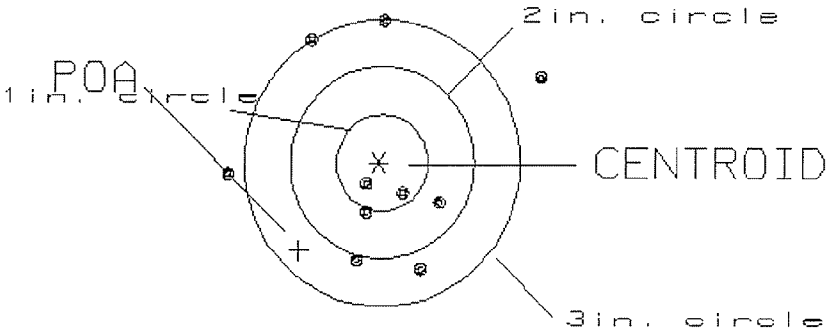
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 4 □

POA TO CENTROID:		1.263
MIN RADIUS	:	.300
MEAN RADIUS	:	1.076
MAX RADIUS	:	1.930
CENTROID X	:	.875
CENTROID Y	:	.911

31 Oct 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225279

CENTERFIRE PATTERN # 4



# OF SHOTS= 10	# IN CIRCLE
HS= 3.37	2
VS= 2.64	4
GS= 3.52	7

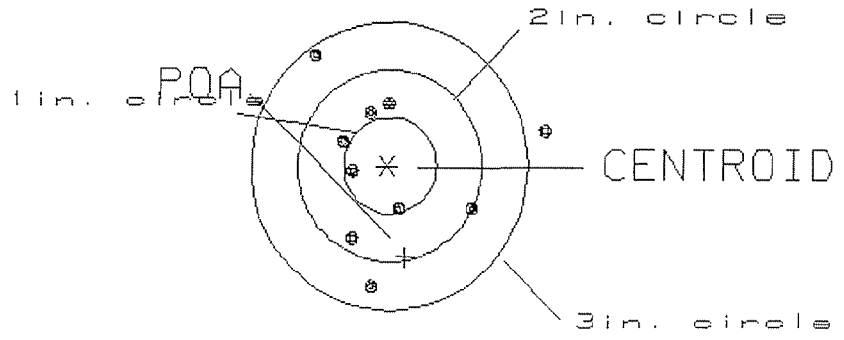
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5

POA TO CENTROID	:	.965
MIN RADIUS	:	.430
MEAN RADIUS	:	.900
MAX RADIUS	:	1.763
CENTROID X	:	-.190
CENTROID Y	:	.946

31 Oct 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225279

CENTERFIRE PATTERN # 5



# OF SHOTS= 10	# IN CIRCLE
HS= 2.51	2
VS= 2.41	7
GS= 2.64	9

M-24

Scope 0051

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225279

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 17	89	RW
600	Proof	3 17	89	RW
607	Check Headspace	3 17	89	RW
610	Dis-assemble Gun	3 17	89	RW
612	Magnaflux Barrel Action		3/21	KCR
	Magnaflux Bolt		3/21	KCR
615	Rollmark Caliber		3/21	GL
617	Drill and Tap Sight Holes	3 22	89	FB
618	Polish Barrel	3 22	89	BT
620	Apply Coatings (Barrel Action)		3-31-89	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/4/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/4/89	RW
	C) Inspect Ejector Hole for Chamfer		4/4/89	RW
	D) Oil Firing Pin Ass'y		4/4/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/5/89	JH

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force	3 | 3 | 3	4-5-89	JH
	G) Safety Off Force	6 | 6 | 6	4-5-89	JH
	H) Trigger Pull Test & Retainability		4-5-89	D.S.
	I) Firing Pin Indent	.020 | .021 | .022	4-5-89	JH
	J) Assemble Stock		4/13/89	RW
	K) Assemble Swivel Studs		18 April 89	DS
	L) Attach Front and Rear Sight Assemblies		4/13/89	RW
	M) Iron Sight Alignment		4/13/89	RW
	N) Detach Front & Rear Sights & place in numbered container		4/13/89	RW
	O) Attach Scope to Rifle		4/13/89	JH
	P) Detach & Attach Scope 20 Times		4/14/89	JH
640	Gallery Target & Test	81 R 71L	4/17/89	DH
	A) Time		4/17/89	DH
	B) Malfunctions		4/17/89	DH
	C) Pierced Primers		4/17/89	DH
	D) Optical Clearity of Scope		4/17/89	DH
645	Inspect for Live Ammo		4/17/89	DH
655	Final Inspection A) Headspace		18 April 89	DS
	B) Trigger Pull	2.12 | 2.21 | 2.28 | 2.31 | 2.33	18 April 89	DS
	C) Function		18 April 89	DS
660	Pack		21 June 89	DS

SWS TRIGGER PULL TEST

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

SERIAL NO. 5279
DATE 3-22-90
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.35		2.47	MIN. SETTING,
PULL #2	2.53	2.44		2.50	NO AVG. OF 5
PULL #3	2.52	2.33		2.53	READINGS ACCEPT-
PULL #4	2.45	2.40		2.54	ABLE LESS THAN 2#
PULL #5	2.50	2.27		2.48	
TOTAL	12.44	11.79		12.52	
AVG.	2.488	2.358		2.504	

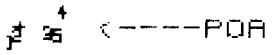
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.14		—
PULL #2	3.33	3.05		
PULL #3	3.26	3.12		
PULL #4	3.12	3.14		
PULL #5	3.11	3.23		
TOTAL	16.07	15.68		
AVG.	3.214	3.136		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.20		
PULL #2	4.17	4.23		
PULL #3	4.26	4.24		
PULL #4	4.18	4.29		
PULL #5	4.18	4.32		
TOTAL	20.97	21.28		
AVG.	4.394	4.256		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225279
18 Apr 1989

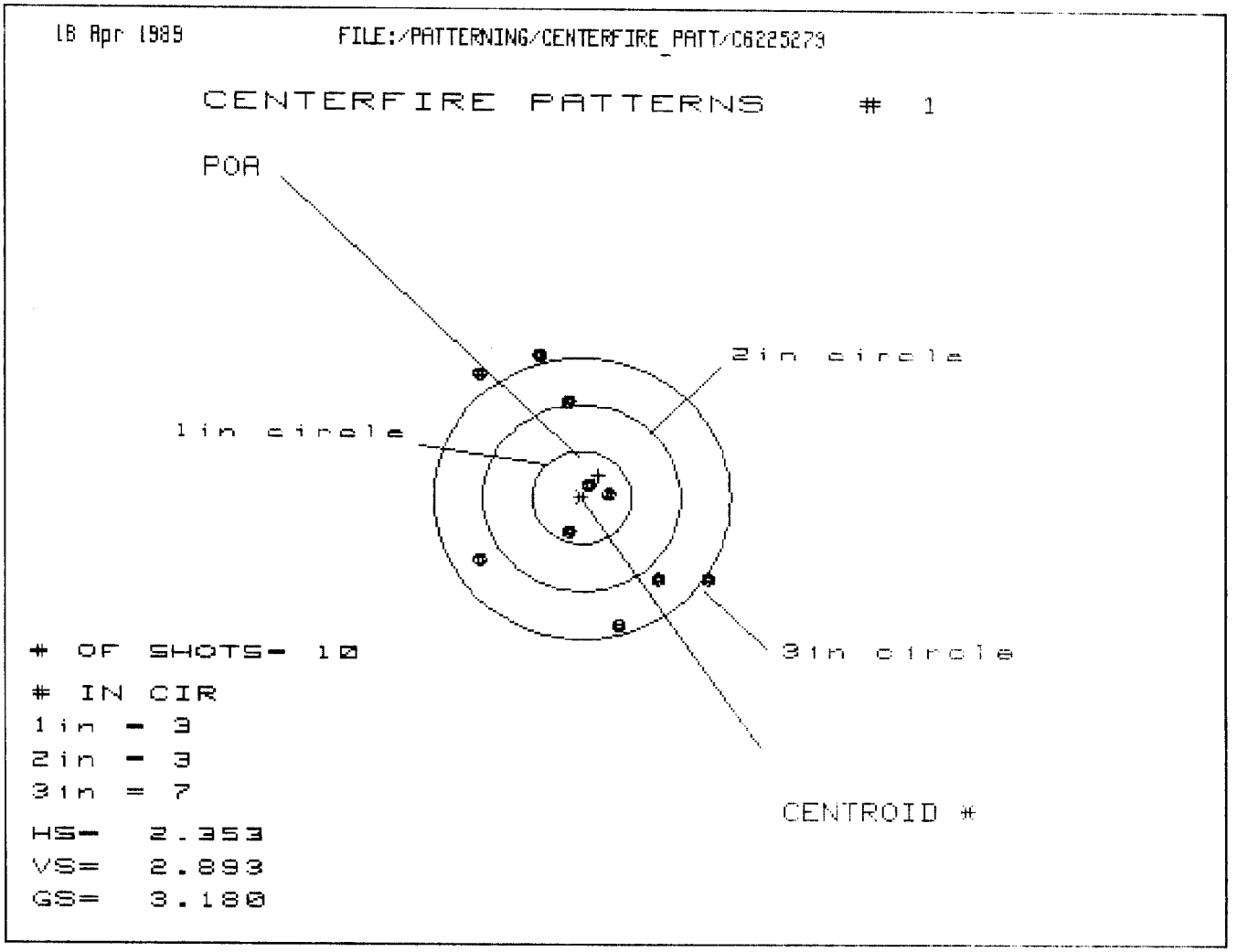
CENTROIDAL DISTANCES

Ø	TO	1	.293061
1	TO	2	.1728
1	TO	3	.704591
1	TO	4	1.11272
1	TO	5	.891325

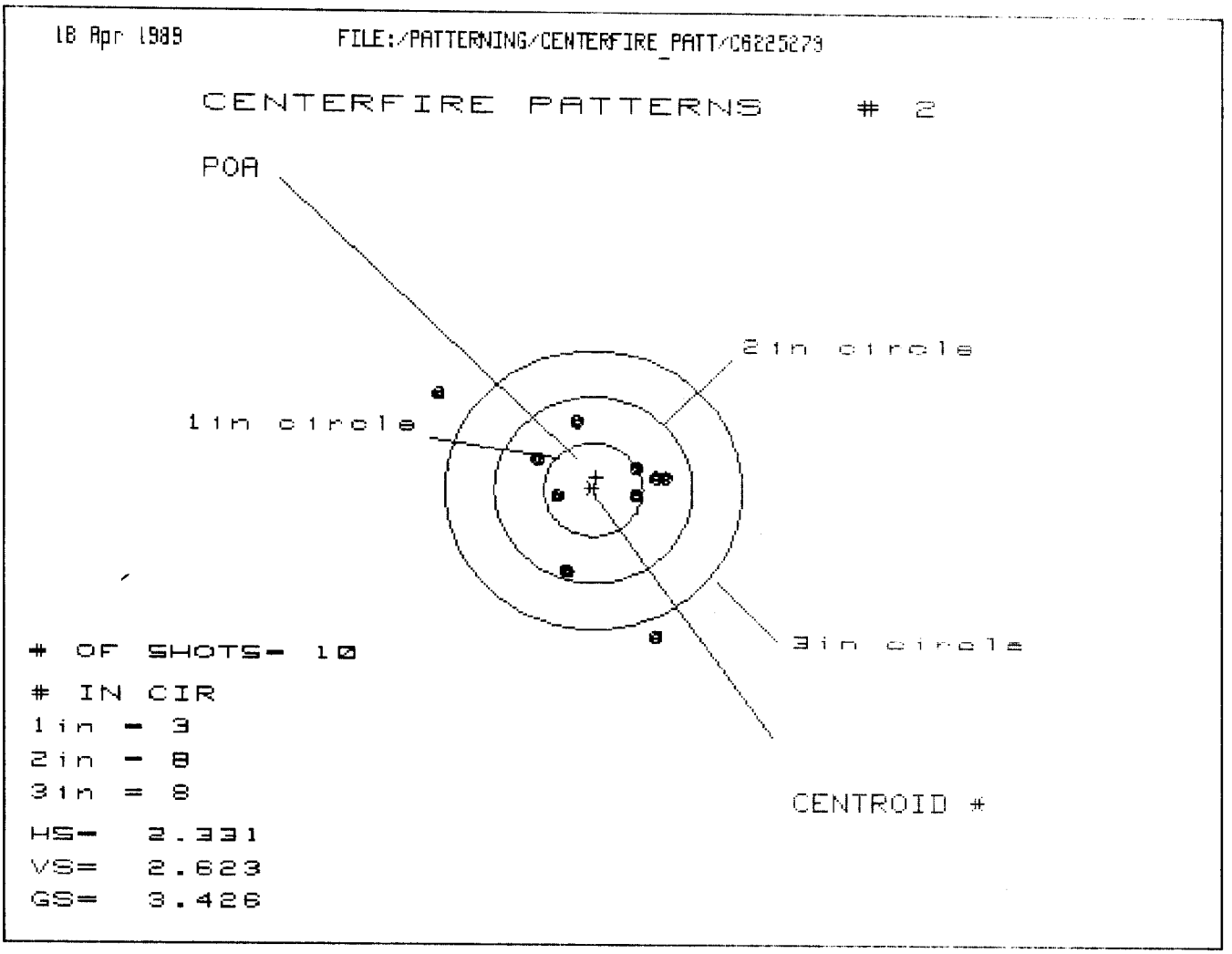


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3642
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0548
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .3683

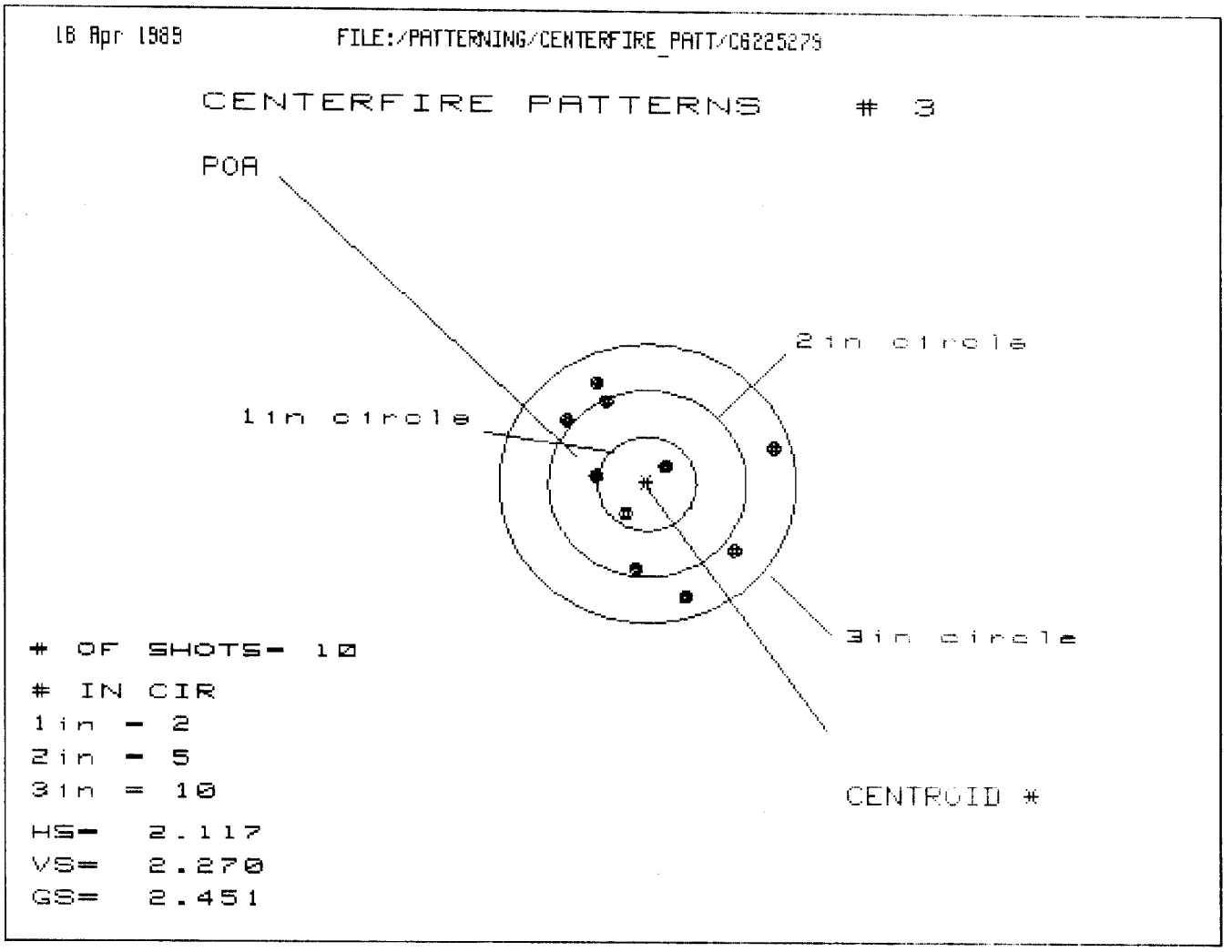
THE AMR FOR THIS RIFLE IS: .879



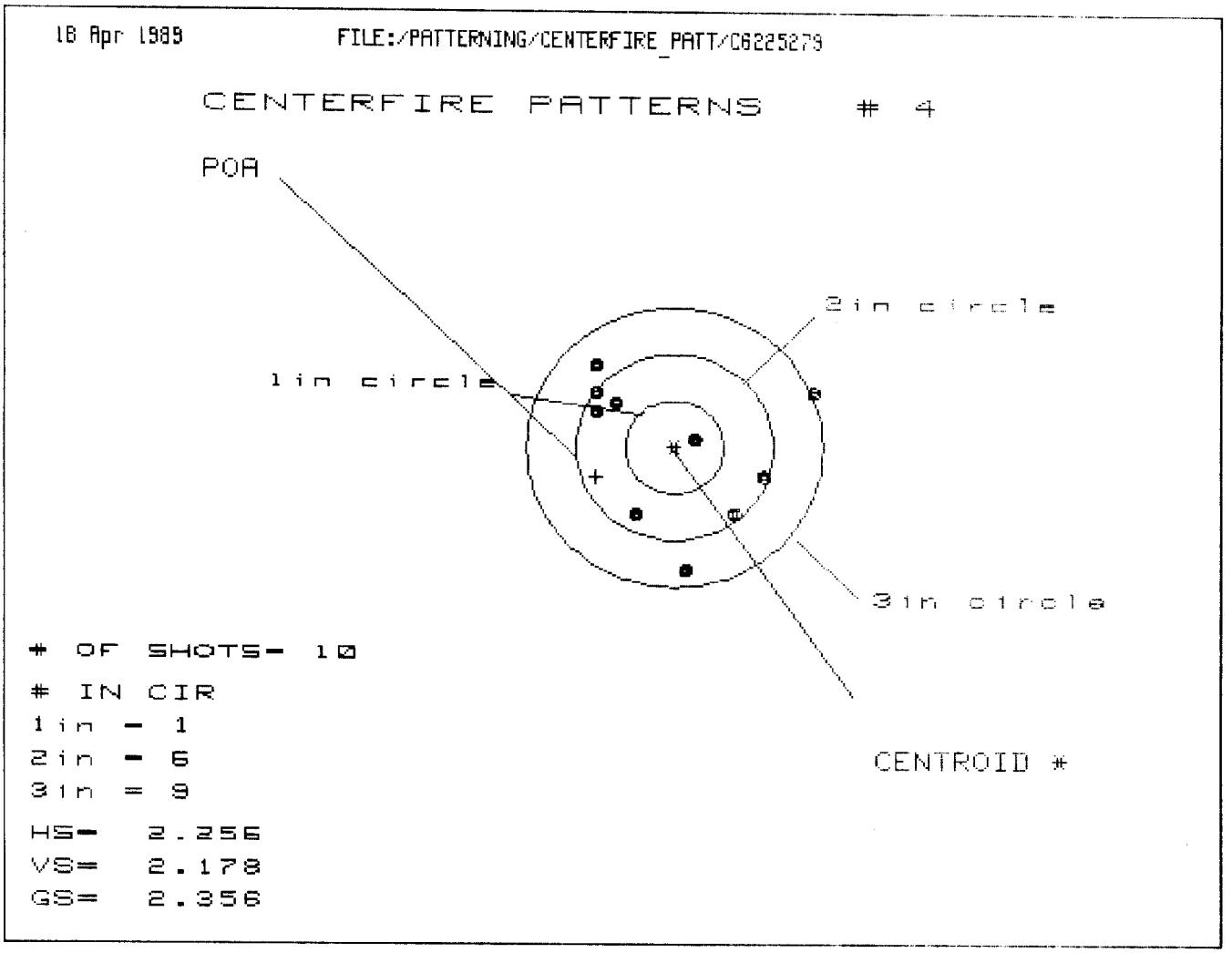
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.287	1.168	1.101
MINIMUM X	:	-1.066	-1.165	-1.232
MAXIMUM Y	:	1.534	1.681	1.403
MINIMUM Y	:	-1.359	-1.212	-1.002
CENTROID X	:	-.171	-.052	.015
CENTROID Y	:	-.238	-.385	-.595
POA TO CENTROID in.	:	.293	.388	.595
MIN RADIUS	:	.122	.245	.345
MEAN RADIUS	:	1.045	.958	.860
MAX RADIUS	:	1.699	1.765	1.429
HORIZONTAL SPREAD	:	2.353	2.333	2.333
VERTICAL SPREAD	:	2.893	2.893	2.405
EXTREME SPREAD	:	3.180	2.996	2.446
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.764	.590	.648
MINIMUM X	:	-1.567	-.701	-.643
MAXIMUM Y	:	1.034	.811	.627
MINIMUM Y	:	-1.590	-1.475	-.895
CENTROID X	:	-.033	.141	.083
CENTROID Y	:	-.134	-.248	-.064
POA TO CENTROID in.	:	.138	.285	.105
MIN RADIUS	:	.427	.303	.321
MEAN RADIUS	:	.853	.723	.591
MAX RADIUS	:	1.877	1.546	.961
HORIZONTAL SPREAD	:	2.331	1.291	1.291
VERTICAL SPREAD	:	2.623	2.286	1.522
EXTREME SPREAD	:	3.426	2.414	1.525
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	



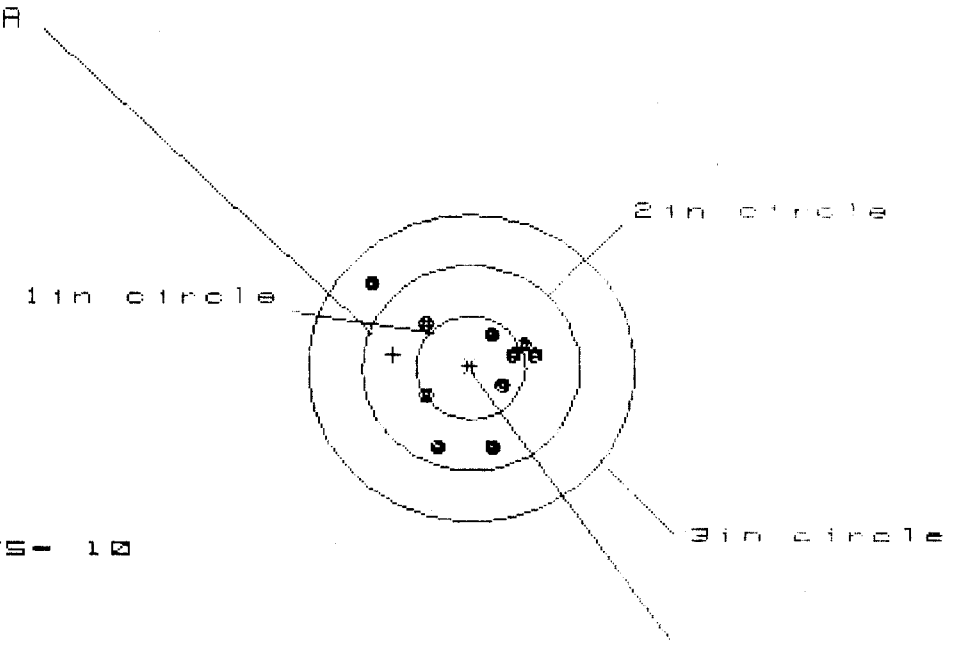
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.256	.997	1.061
MINIMUM X	:	-.861	-.721	-.657
MAXIMUM Y	:	1.088	1.126	.983
MINIMUM Y	:	-1.182	-1.144	-1.052
CENTROID X	:	.517	.377	.313
CENTROID Y	:	-.086	-.124	.019
POA TO CENTROID in.	:	.524	.397	.313
MIN RADIUS	:	.247	.293	.315
MEAN RADIUS	:	.900	.840	.777
MAX RADIUS	:	1.302	1.255	1.328
HORIZONTAL SPREAD	:	2.117	1.718	1.718
VERTICAL SPREAD	:	2.270	2.270	2.035
EXTREME SPREAD	:	2.451	2.451	2.270
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.416	1.098	1.136
MINIMUM X	:	-.840	-.683	-.645
MAXIMUM Y	:	.874	.937	.782
MINIMUM Y	:	-1.304	-1.241	-.778
CENTROID X	:	.794	.637	.599
CENTROID Y	:	.316	.253	.408
POA TO CENTROID in.	:	.855	.685	.725
MIN RADIUS	:	.264	.434	.444
MEAN RADIUS	:	.963	.892	.823
MAX RADIUS	:	1.526	1.277	1.204
HORIZONTAL SPREAD	:	2.256	1.781	1.781
VERTICAL SPREAD	:	2.178	2.178	1.560
EXTREME SPREAD	:	2.356	2.356	2.074
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

18 Apr 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6225273

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR	
1in	= 3
2in	= 9
3in	= 10

HS= 1.552
VS= 1.639
GS= 1.977

PATTERN # : 5

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.600	.494	.439
MINIMUM X	:	-.952	-.557	-.612
MAXIMUM Y	:	.833	.533	.443
MINIMUM Y	:	-.806	-.713	-.789
CENTROID X	:	.714	.820	.875
CENTROID Y	:	-.132	-.225	-.135
POA TO CENTROID in.	:	.726	.850	.885
MIN RADIUS	:	.329	.210	.195
MEAN RADIUS	:	.634	.541	.477
MAX RADIUS	:	1.265	.840	.789
HORIZONTAL SPREAD	:	1.552	1.051	1.051
VERTICAL SPREAD	:	1.639	1.246	1.232
EXTREME SPREAD	:	1.977	1.381	1.381

NUMBER IN ONE INCH CIRCLE = 3
NUMBER IN TWO INCH CIRCLE = 9
NUMBER IN THREE INCH CIRCLE = 10