C6225185

MODEL 700™ M24

Model SWS ™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®

Smead®

M2400010186

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

Remington® DU PONT REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ M24

SERIAL NO. C6225185

ORDER NO. 5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee. Ø1

5716 C6225185

UPC

0 47700 25716 7

M-24

Scope 0365

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225185

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 4	89	RW
600	Proof	4 4	89	RW
607	Check Headspace	4 4	89	RW
610	Dis-assemble Gun	4 4	89	RW
612	Magnaflux Barrel Action	4-6	89	KCR
	Magnaflux Bolt	4-7	89	KCR
615	Rollmark Caliber	4-7	89	G.S.
617	Drill and Tap Sight Holes	4 7	89	FB
618	Polish Barrel	4 7	89	BT
620	Apply Coatings (Barrel Action)		4-19-89	TK
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/24/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/24/89	RW
	C) Inspect Ejector Hole for Chamfer		4/24/89	RW
	D) Oil Firing Pin Ass'y		4/24/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/28/89	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6.5	6.25			4/28/89	WB
	G) Safety Off Force	3.75	3.75	3.0			4/28/89	WB
	H) Trigger Pull Test & Retainability						4/27/89	JS
	I) Firing Pin Indent	.02025	.020	.02025			4/28/89	WB
	J) Assemble Stock						4/28/89	RW
	K) Assemble Swivel Studs						16May89	GS
	L) Attach Front and Rear Sight Assemblies						4/28/89	RW
	M) Iron Sight Alignment						4/28/89	RW
	N) Detach Front & Rear Sights & place in numbered container						4/28/89	RW
	O) Attach Scope to Rifle						4/28/89	WB
	P) Detach & Attach Scope 20 Times						4/28/89	WB
640	Gallery Target & Test	94 R	85 L				5/1/89	DH
	A) Time						5/1/89	DH
	B) Malfunctions						5/1/89	DH
	C) Pierced Primers						5/1/89	DH
	D) Optical Clearity of Scope						5/1/89	DH
645	Inspect for Live Ammo						5/1/89	DH
655	Final Inspection A) Headspace						16May89	GS
	B) Trigger Pull	2.74	2.67	2.62	2.77	2.80	16May89	GS
	C) Function						16May89	GS
660	Pack						16June89	GS

SWS TRIGGER PULL TEST

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

SERIAL NO. C6225185
DATE 3-28-90
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.59	2.30		2.34	MIN. SETTING,
PULL #2	2.40	2.30		2.39	NO AVG. OF 5
PULL #3	2.40	2.33		2.26	READINGS ACCEPT-
PULL #4	2.39	2.30		2.38	ABLE LESS THAN 2#
PULL #5	2.37	2.31		2.37	
TOTAL	12.15	11.54		11.74	
AVG.	2.43	2.308		2.348	

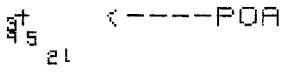
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.36		—
PULL #2	3.42	3.38		
PULL #3	3.38	3.40		
PULL #4	3.37	3.41		
PULL #5	3.38	3.42		
TOTAL	16.71	16.97		
AVG.	3.342	3.394		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.41		
PULL #2	4.19	4.39		
PULL #3	4.40	4.40		
PULL #4	4.37	4.30		
PULL #5	4.33	4.39		
TOTAL	21.58	21.89		
AVG.	4.316	4.378		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225185
1 May 1989

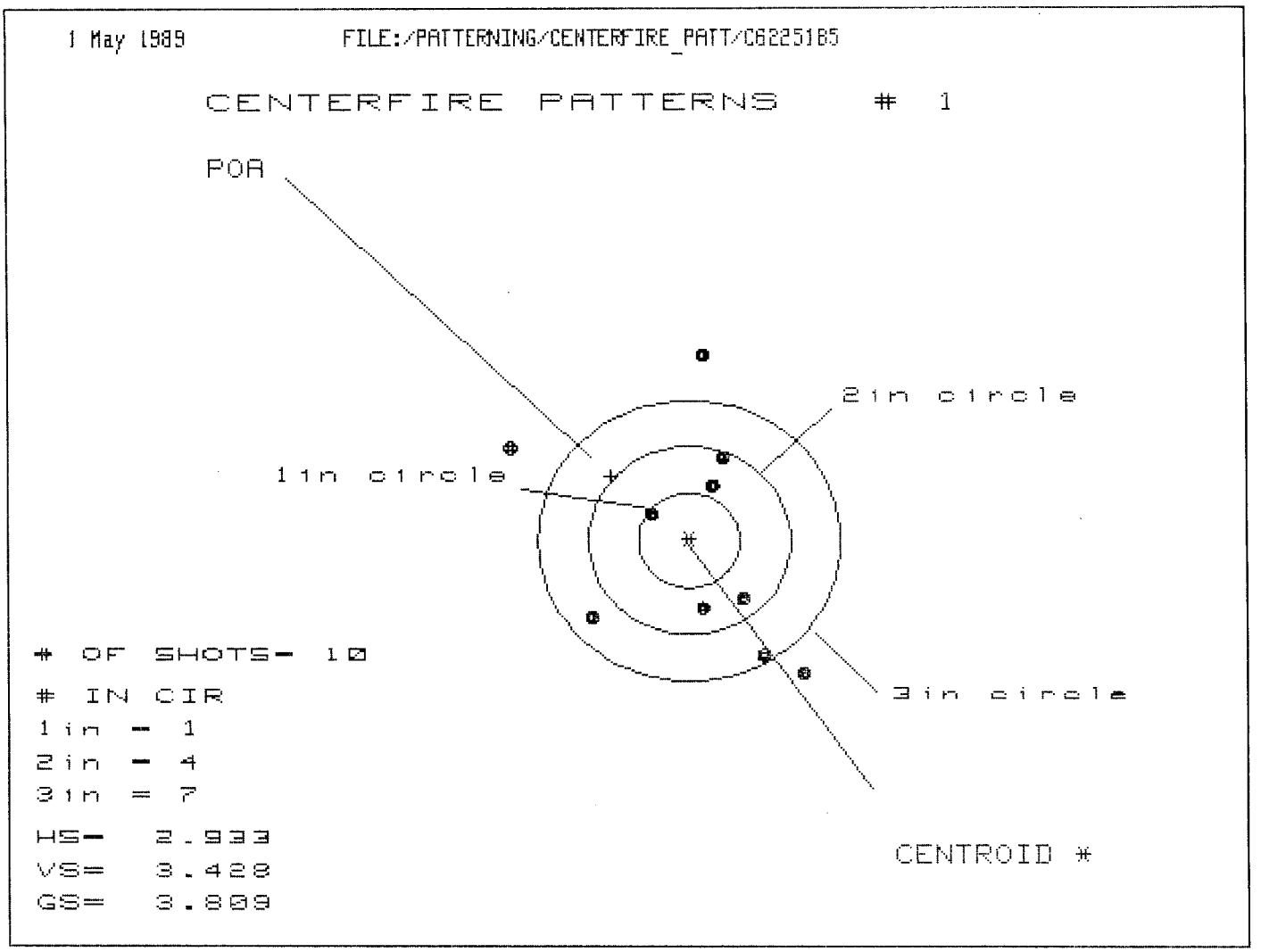
CENTROIDAL DISTANCES

Ø	TO	1	1.Ø2993
1	TO	2	.234776
1	TO	3	1.1Ø344
1	TO	4	.987843
1	TO	5	.641355

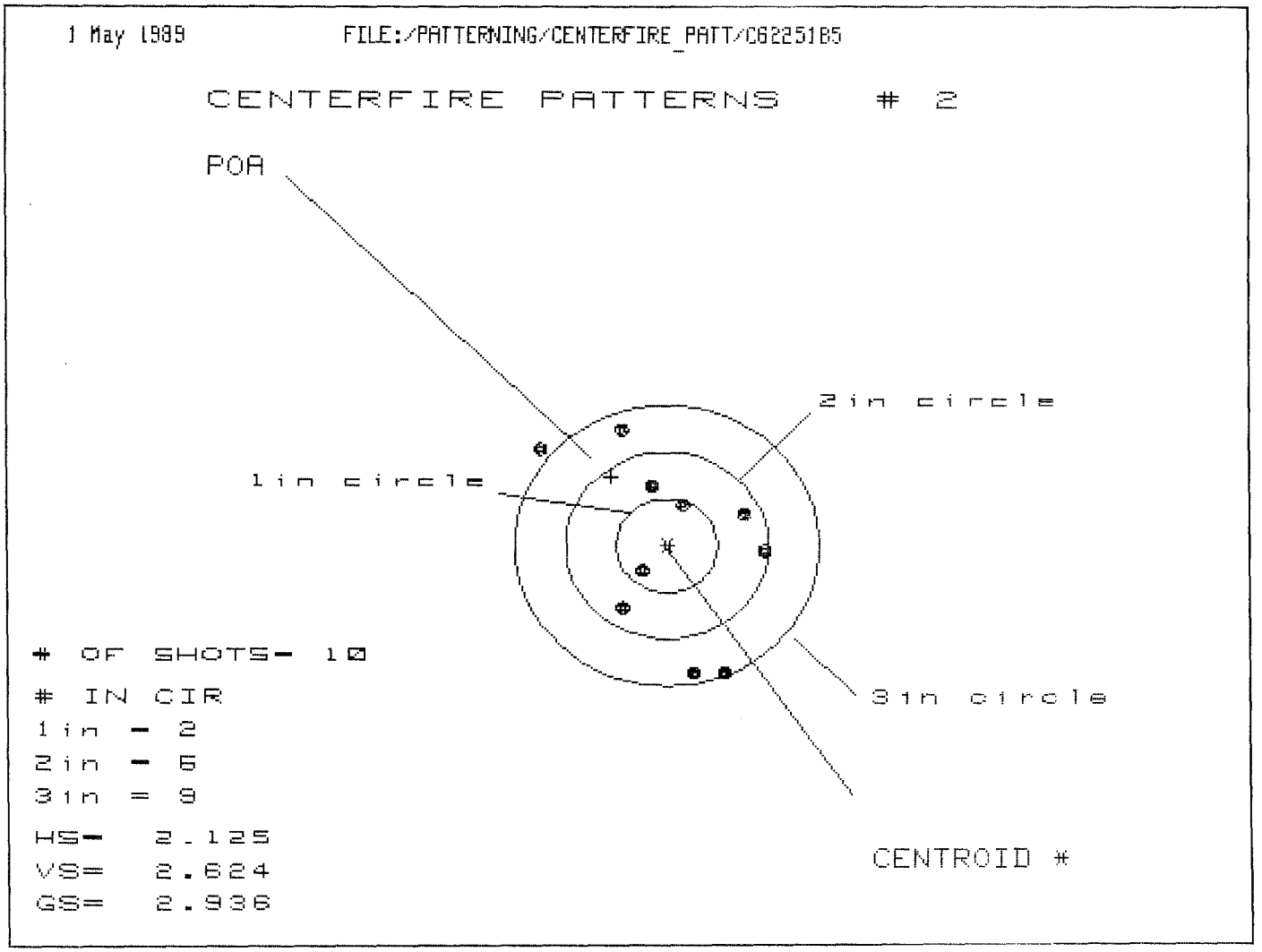


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .236
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.4534
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .511143

THE AMR FOR THIS RIFLE IS: 1.033



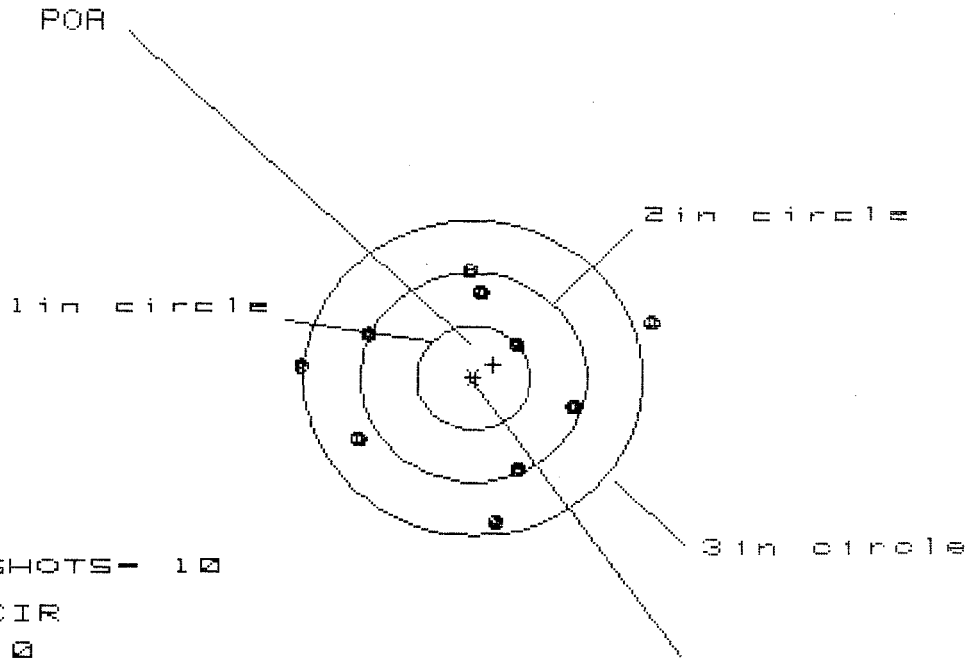
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.121	.920	.913
MINIMUM X	:	-1.812	-1.217	-1.224
MAXIMUM Y	:	1.987	2.097	1.300
MINIMUM Y	:	-1.441	-1.331	-1.069
CENTROID X	:	.770	.971	.978
CENTROID Y	:	-.684	-.794	-1.056
POA TO CENTROID in.	:	1.030	1.255	1.439
MIN RADIUS	:	.472	.606	.364
MEAN RADIUS	:	1.220	1.110	.948
MAX RADIUS	:	2.065	2.098	1.406
HORIZONTAL SPREAD	:	2.933	2.137	2.137
VERTICAL SPREAD	:	3.428	3.428	2.369
EXTREME SPREAD	:	3.809	3.563	2.484
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.911	.776	.824
MINIMUM X	:	-1.214	-.626	-.578
MAXIMUM Y	:	1.220	1.336	1.185
MINIMUM Y	:	-1.404	-1.288	-1.439
CENTROID X	:	.542	.677	.629
CENTROID Y	:	-.740	-.856	-.705
POA TO CENTROID in.	:	.917	1.091	.945
MIN RADIUS	:	.377	.435	.429
MEAN RADIUS	:	.986	.916	.849
MAX RADIUS	:	1.602	1.441	1.445
HORIZONTAL SPREAD	:	2.125	1.402	1.402
VERTICAL SPREAD	:	2.624	2.624	2.624
EXTREME SPREAD	:	2.936	2.708	2.696
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

1 May 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6225185

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

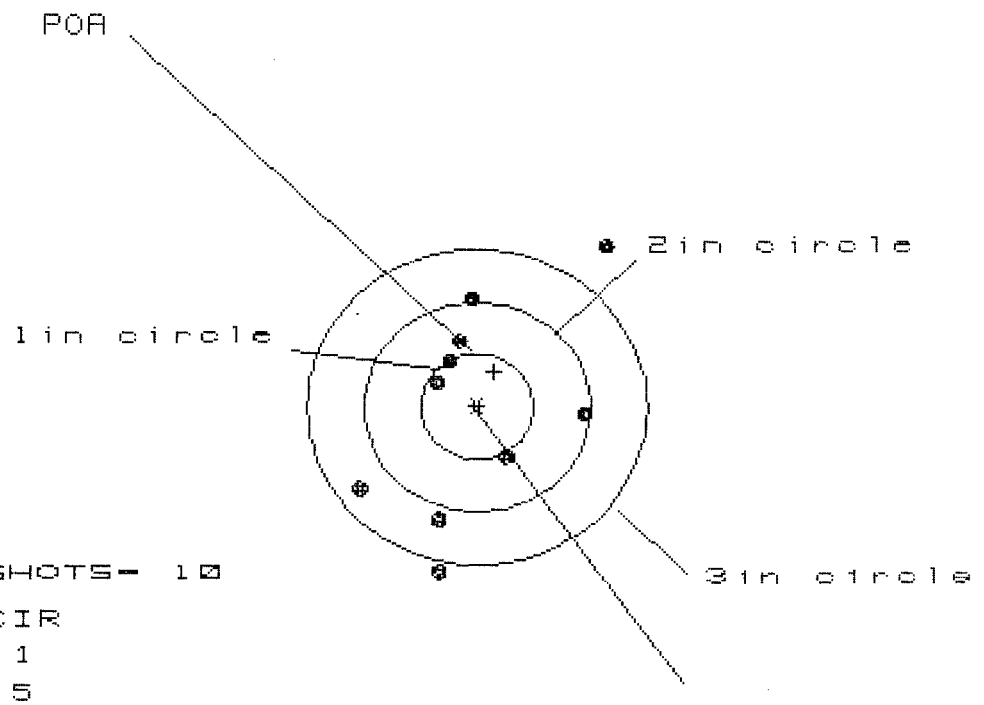
# IN CIR
1in = 0
2in = 4
3in = 9

HS= 3.068
VS= 2.396
GS= 3.089

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.581	1.040	.876
MINIMUM X	:	-1.487	-1.312	-1.038
MAXIMUM Y	:	1.014	1.067	1.087
MINIMUM Y	:	-1.382	-1.329	-1.309
CENTROID X	:	-.179	-.354	-.190
CENTROID Y	:	-.121	-.174	-.194
POA TO CENTROID in.	:	.216	.395	.272
MIN RADIUS	:	.506	.679	.563
MEAN RADIUS	:	1.094	1.035	.980
MAX RADIUS	:	1.650	1.380	1.325
HORIZONTAL SPREAD	:	3.068	2.352	1.914
VERTICAL SPREAD	:	2.396	2.396	2.396
EXTREME SPREAD	:	3.089	2.402	2.402
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

1 May 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6225185

CENTERFIRE PATTERNS # 4

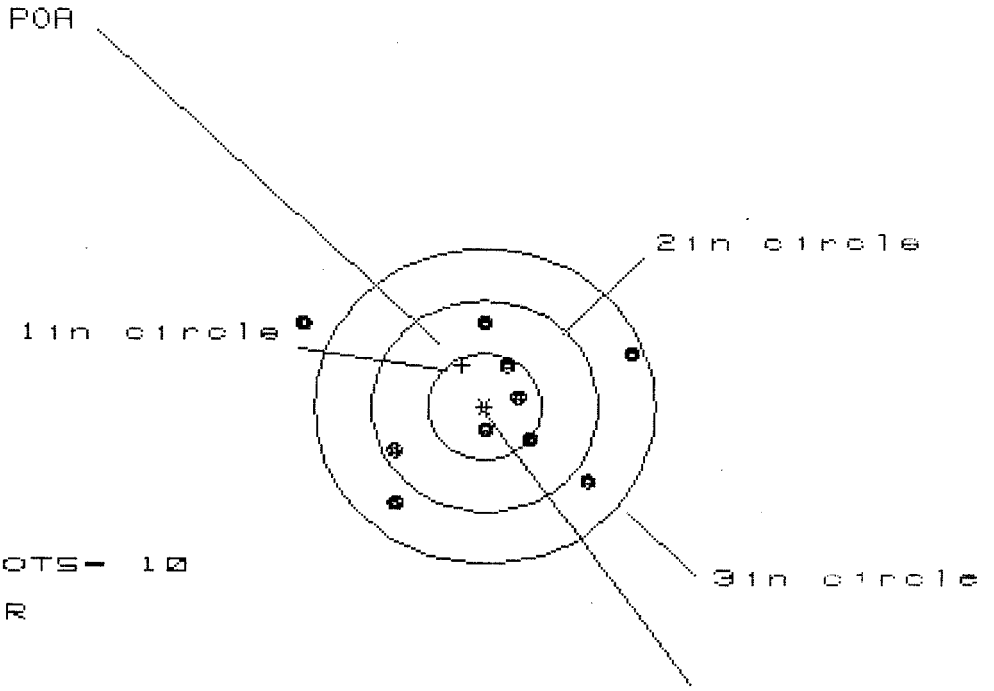


# OF SHOTS= 10
# IN CIR
1in = 1
2in = 5
3in = 8
HS= 2.170
VS= 3.033
GS= 3.374

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.160	1.084	1.061
MINIMUM X	:	-1.010	-.881	-.904
MAXIMUM Y	:	1.494	1.182	1.010
MINIMUM Y	:	-1.538	-1.372	-1.067
CENTROID X	:	-.153	-.282	-.259
CENTROID Y	:	-.332	-.498	-.326
POA TO CENTROID in.	:	.365	.572	.416
MIN RADIUS	:	.455	.484	.372
MEAN RADIUS	:	1.001	.901	.809
MAX RADIUS	:	1.892	1.385	1.194
HORIZONTAL SPREAD	:	2.170	1.965	1.965
VERTICAL SPREAD	:	3.033	2.554	2.077
EXTREME SPREAD	:	3.374	2.574	2.099
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

1 May 1989 FILE:/PATTERNING/CENTERFIRE_PATT/CG225185

CENTERFIRE PATTERNS # 5



# OF SHOTS= 10
# IN CIR
1in = 3
2in = 6
3in = 9
HS= 2.885
VS= 1.744
GS= 2.897

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.325	1.152	.865
MINIMUM X	:	-1.560	-.949	-.805
MAXIMUM Y	:	.828	.914	.989
MINIMUM Y	:	-.916	-.830	-.755
CENTROID X	:	.200	.373	.229
CENTROID Y	:	-.390	-.476	-.551
POA TO CENTROID in.	:	.438	.605	.597
MIN RADIUS	:	.243	.204	.105
MEAN RADIUS	:	.866	.740	.670
MAX RADIUS	:	1.741	1.299	1.103
HORIZONTAL SPREAD	:	2.885	2.101	1.670
VERTICAL SPREAD	:	1.744	1.744	1.744
EXTREME SPREAD	:	2.897	2.541	1.909
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

RECEIVING AND ESTIMATING REPORT

COMMENTS: W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN
Scope 90 0510

ORDER R 94-18194

INITIAL	CUSTOMER ORDER NO.
FDC	DAAA09-92-C-0834

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/10/94	06/10/94		C6225185		700 7-62 NATO

ACCESSORIES: SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE L/SIGHTS Bipod

FROM:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL
36201-5025

CUST NO: 098397 C.O.D.

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA
					FRT

GUN CONDITION
- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE	
EXCISE	
TAX	
INSURANCE	
UPS	
PARCEL POST	
TOTAL	

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS	
Barrel	$643.42
Stock	471.11
Firing Pin Assy	9.96
Trigger Assy	173.31
CTL	50.00
	$1347.80

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			WB	WB	
GALLERY TESTER	DATE	DATE	DATE 3/28/96	DATE 3/29/96	DATE

OFFICE COPY

RD6925 REV. 1/94

SWS TRIGGER PULL TEST

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

SERIAL NO. C6225185
DATE 11-15-95
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.61	2.71	2.44		MIN. SETTING,
PULL #2	2.79	2.69	2.44		NO AVG. OF 5
PULL #3	2.78	2.68	2.48		READINGS ACCEPT-
PULL #4	2.69	2.66	2.43		ABLE LESS THAN 2#
PULL #5	2.75	2.70	2.41		
TOTAL	13.62	13.44	12.20		
AVG.	2.72	2.68	2.44		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.04	3.16		
PULL #2	3.18	3.17		
PULL #3	3.20	3.28		
PULL #4	3.11	3.14		
PULL #5	3.12	3.24		
TOTAL	15.65	15.99		
AVG.	3.13	3.19		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.05	4.00		4.19
PULL #2	4.02	3.92		4.17
PULL #3	4.05	4.03		4.12
PULL #4	4.00	3.92		4.11
PULL #5	4.07	3.90		4.25
TOTAL	20.19	19.77		20.84
AVG.	4.03	3.95		4.16

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C622 5185

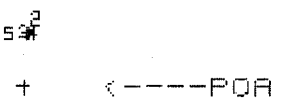
OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	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. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			3/7	AC
	G) Safety Off Force	5	5	5			3/7	AC
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.0225	.023	.028			3/7	AC
	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 Clearity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection A) Headspace							
	B) Trigger Pull	2.31	2.22	2.28	2.24	2.27	3/1/96	WS
	C) Function							
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225185
2 Jan 1900

CENTROIDAL DISTANCES

0	TO	1	1.02197
1	TO	2	.324261
1	TO	3	.0912853
1	TO	4	.0751665
1	TO	5	.336292

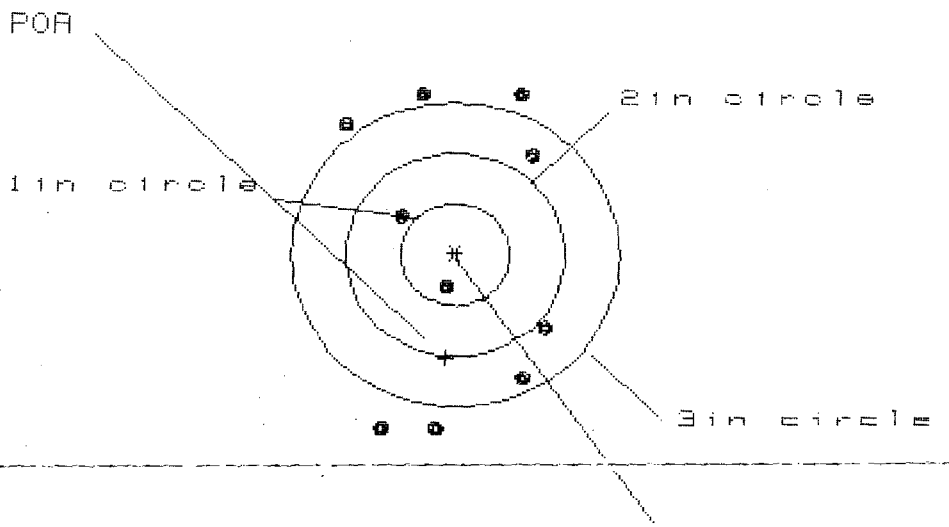


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .051
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.0794
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.0806

THE AMR FOR THIS RIFLE IS: 1.07

2 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6225185

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1
2in = 2
3in = 5

HS= 1.724
VS= 3.280
GS= 3.521

CENTROID #

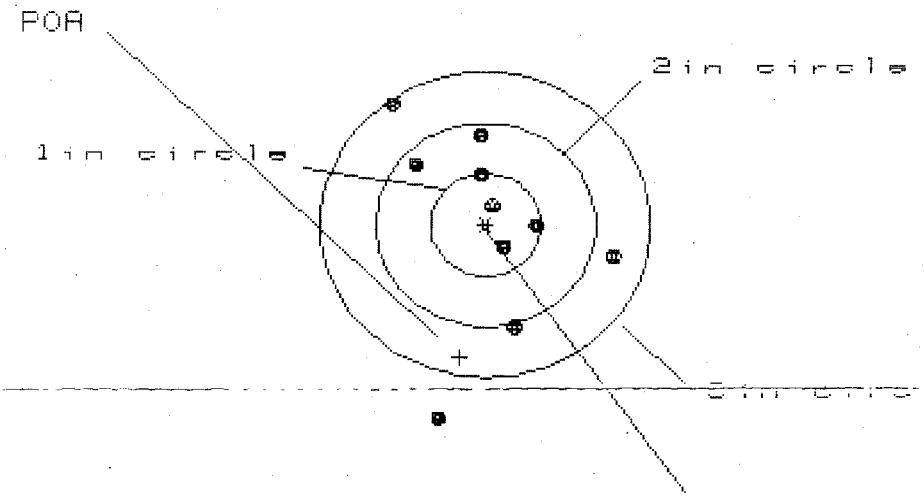
PATTERN # : 1

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	.782	.706	.670
MINIMUM X :	-.942	-1.018	-1.054
MAXIMUM Y :	1.554	1.362	1.126
MINIMUM Y :	-1.726	-1.890	-1.644
CENTROID X :	.090	.166	.202
CENTROID Y :	1.018	1.210	1.446
POA TO CENTROID in.:	1.022	1.221	1.460
MIN RADIUS :	.372	.569	.569
MEAN RADIUS :	1.300	1.231	1.126
MAX RADIUS :	1.857	1.911	1.717
HORIZONTAL SPREAD :	1.724	1.724	1.724
VERTICAL SPREAD :	3.280	3.252	2.770
EXTREME SPREAD :	3.521	3.349	2.955

NUMBER IN ONE INCH CIRCLE = 1
NUMBER IN TWO INCH CIRCLE = 2
NUMBER IN THREE INCH CIRCLE = 5

2 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6225185

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

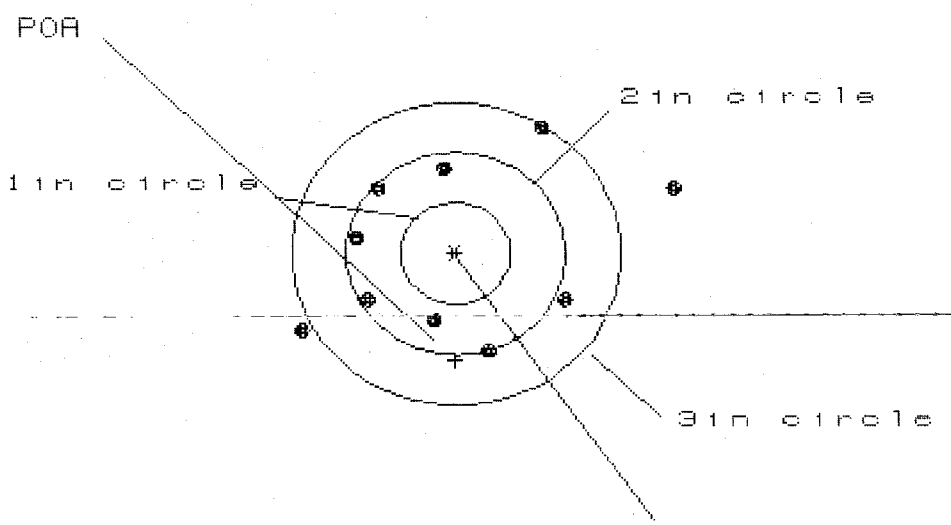
# IN CIR	
1in	4
2in	6
3in	9

HS= 2.056
VS= 3.101
GS= 3.130

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.174	1.123	1.006
MINIMUM X	:	-.882	-.933	-.805
MAXIMUM Y	:	1.196	.984	.801
MINIMUM Y	:	-1.905	-1.213	-1.090
CENTROID X	:	.239	.290	.407
CENTROID Y	:	1.306	1.518	1.395
POA TO CENTROID in.	:	1.328	1.545	1.453
MIN RADIUS	:	.219	.010	.178
MEAN RADIUS	:	.885	.716	.644
MAX RADIUS	:	1.959	1.356	1.097
HORIZONTAL SPREAD	:	2.056	2.056	1.811
VERTICAL SPREAD	:	3.101	2.197	1.891
EXTREME SPREAD	:	3.130	2.518	1.997
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

2 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6225185

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

# IN CIR
1in = 0
2in = 5
3in = 8

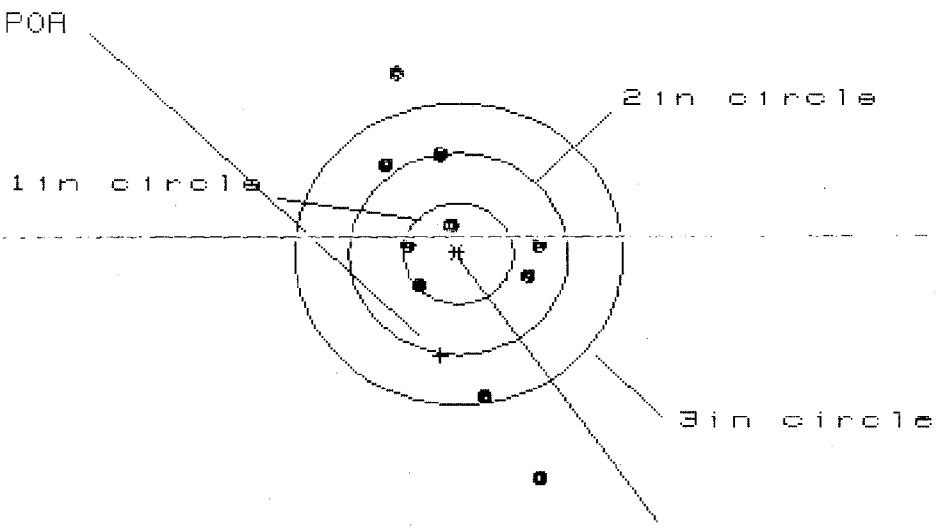
HS= 3.385
VS= 2.172
GS= 3.662

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.974	1.261	1.112
MINIMUM X	:	-1.411	-1.192	-.855
MAXIMUM Y	:	1.222	1.292	1.205
MINIMUM Y	:	-.950	-.880	-.967
CENTROID X	:	.007	-.212	-.063
CENTROID Y	:	1.056	.986	1.073
POA TO CENTROID in.	:	1.056	1.009	1.075
MIN RADIUS	:	.724	.632	.727
MEAN RADIUS	:	1.171	1.030	.996
MAX RADIUS	:	2.072	1.642	1.483
HORIZONTAL SPREAD	:	3.385	2.453	1.967
VERTICAL SPREAD	:	2.172	2.172	2.172
EXTREME SPREAD	:	3.662	2.970	2.368
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

2 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6225185

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

# IN CIR
1in = 3
2in = 5
3in = 8

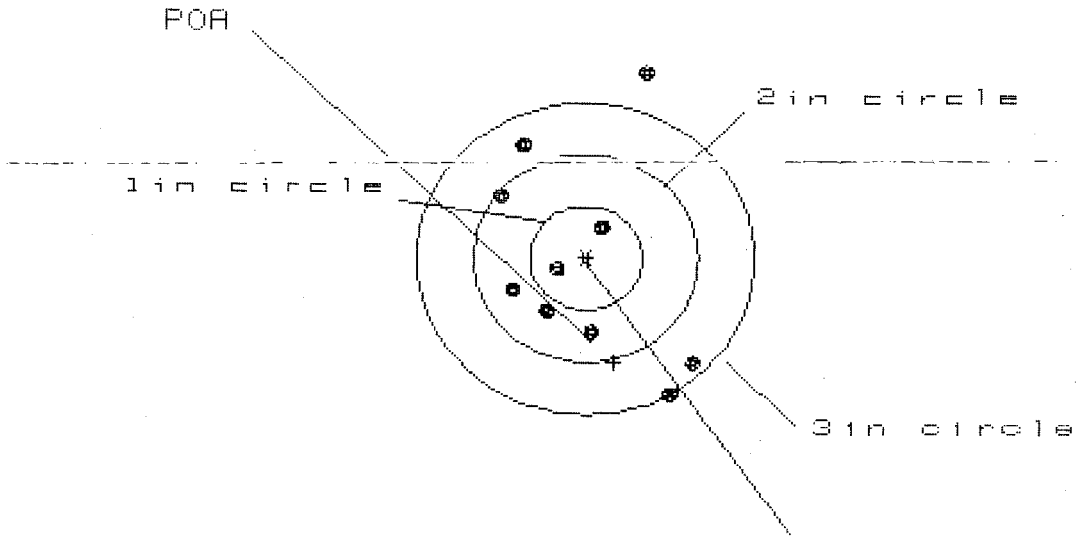
HS= 1.459
VS= 4.006
GS= 4.219

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.783	.817	.760
MINIMUM X	:	-.676	-.589	-.646
MAXIMUM Y	:	1.751	1.501	.925
MINIMUM Y	:	-2.255	-1.633	-1.446
CENTROID X	:	.165	.078	.135
CENTROID Y	:	1.013	1.263	1.075
POA TO CENTROID in.	:	1.026	1.266	1.084
MIN RADIUS	:	.272	.016	.203
MEAN RADIUS	:	1.041	.842	.762
MAX RADIUS	:	2.387	1.657	1.462
HORIZONTAL SPREAD	:	1.459	1.406	1.406
VERTICAL SPREAD	:	4.006	3.134	2.370
EXTREME SPREAD	:	4.219	3.219	2.447
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

2 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6225185

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 2
2in = 6
3in = 9

HS= 1.795
VS= 3.096
GS= 3.099

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.994	1.057	1.155
MINIMUM X	:	-.802	-.738	-.640
MAXIMUM Y	:	1.814	1.311	1.175
MINIMUM Y	:	-1.282	-1.080	-.916
CENTROID X	:	-.246	-.310	-.408
CENTROID Y	:	1.004	.802	.938
POA TO CENTROID in.	:	1.034	.860	1.022
MIN RADIUS	:	.267	.210	.092
MEAN RADIUS	:	.952	.812	.724
MAX RADIUS	:	1.902	1.382	1.474
HORIZONTAL SPREAD	:	1.795	1.795	1.795
VERTICAL SPREAD	:	3.096	2.391	2.092
EXTREME SPREAD	:	3.099	2.684	2.572
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	