

C6225275

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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: **RE00092558** Serial: C6225275 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 2/7/2005 8:19:34 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: DEF DIST DEPOT ANNISTON DEF DIST DEPOT ANNISTON

Address 1: Address 2: PO Box: PO Box:

City: ANNISTON ANNISTON

State: AL Zip Code: 362014199 Country: US State: AL Zip Code: 362014199 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Good Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A025	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search Refresh Close

neglet 2/7/2005 10:20 AM CAPS INUM INB SCPL

start 3 2

Serial Number: **C6225275**

Model: **M24 SWS**



RE00092558

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225275.___0
FILE DATE AND TIME: 04/19/2005 06:33

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.034
The Average Y Centroid of the Five Target Set:	-0.047
The Average Point of Impact of the Five Target Set:	0.058
The Average Mean Radius of the Five Target Set:	0.847
The Distance from POA to Centroid Target #1:	0.235
The Distance from Centroid Target #2 to Centroid Target #1:	0.388
The Distance from Centroid Target #3 to Centroid Target #1:	0.293
The Distance from Centroid Target #4 to Centroid Target #1:	0.232
The Distance from Centroid Target #5 to Centroid Target #1:	0.205

SERIAL NUMBER: C6225275. __0

TARGET NUMBER: 1

FILE DATE: 04/19/2005

FILE TIME: 06:33

X CENTROID: -0.111

Y CENTROID: -0.207

POA TO CENTROID: 0.235

HORZ SPREAD: 2.369

VERT SPREAD: 2.216

GROUP SPREAD: 2.404

MIN RADIUS: 0.159

MAX RADIUS: 1.329

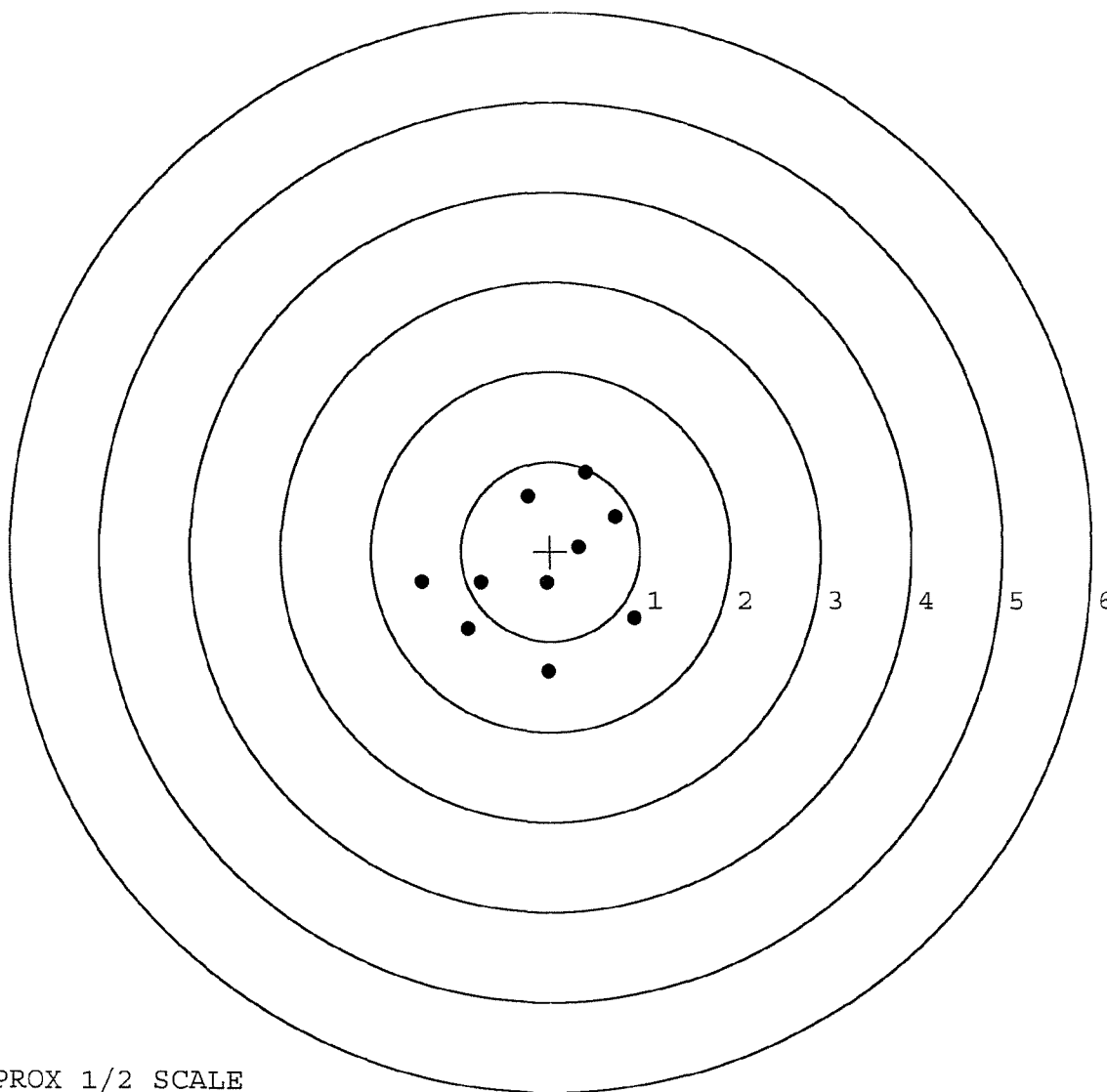
MEAN RADIUS: 0.908

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.032	-1.335
2:	0.935	-0.752
3:	0.315	0.053
4:	0.714	0.386
5:	0.391	0.881
6:	-0.256	0.614
7:	-0.045	-0.351
8:	-0.775	-0.351
9:	-0.926	-0.872
10:	-1.434	-0.341



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225275. __0

TARGET NUMBER: 2

FILE DATE: 04/19/2005

FILE TIME: 06:33

POINT#	X	Y
1:	1.084	-1.613
2:	0.894	-0.427
3:	0.248	-0.016
4:	0.041	-0.804
5:	-0.172	-0.171
6:	-0.421	-0.646
7:	0.739	0.950
8:	0.109	1.164
9:	-0.109	0.838
10:	-0.475	1.052

X CENTROID: 0.194

Y CENTROID: 0.033

POA TO CENTROID: 0.197

HORZ SPREAD: 1.559

VERT SPREAD: 2.777

GROUP SPREAD: 3.088

MIN RADIUS: 0.073

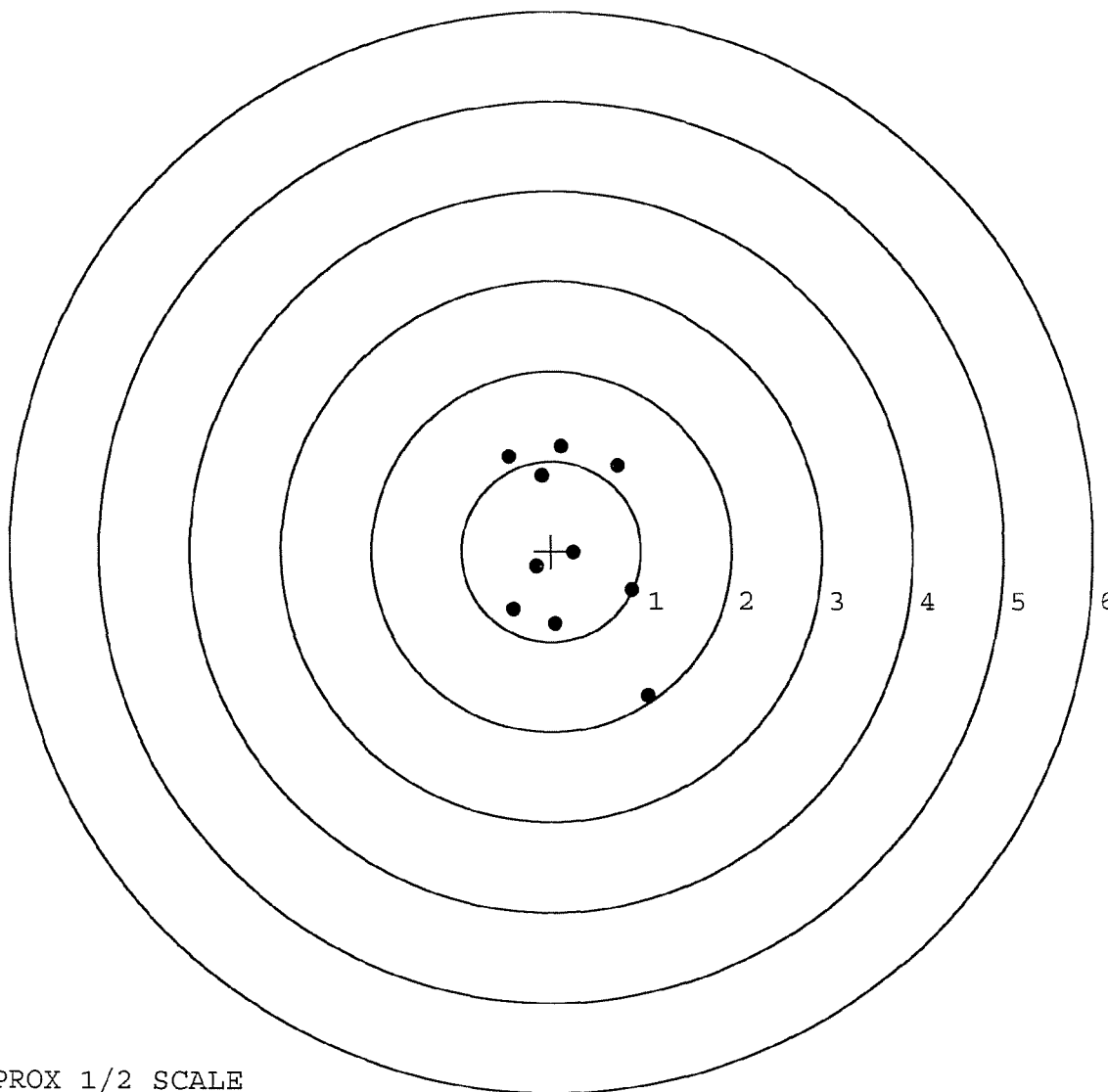
MAX RADIUS: 1.871

MEAN RADIUS: 0.925

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225275. __0

TARGET NUMBER: 3

FILE DATE: 04/19/2005

FILE TIME: 06:33

POINT#	X	Y
1:	0.817	-0.979
2:	0.447	-0.300
3:	0.882	0.376
4:	0.143	-0.762
5:	-0.510	-0.805
6:	0.265	0.723
7:	-0.098	0.348
8:	0.022	0.785
9:	-0.688	0.885
10:	-1.031	0.259

X CENTROID: 0.025

Y CENTROID: 0.053

POA TO CENTROID: 0.059

HORZ SPREAD: 1.913

VERT SPREAD: 1.864

GROUP SPREAD: 2.396

MIN RADIUS: 0.320

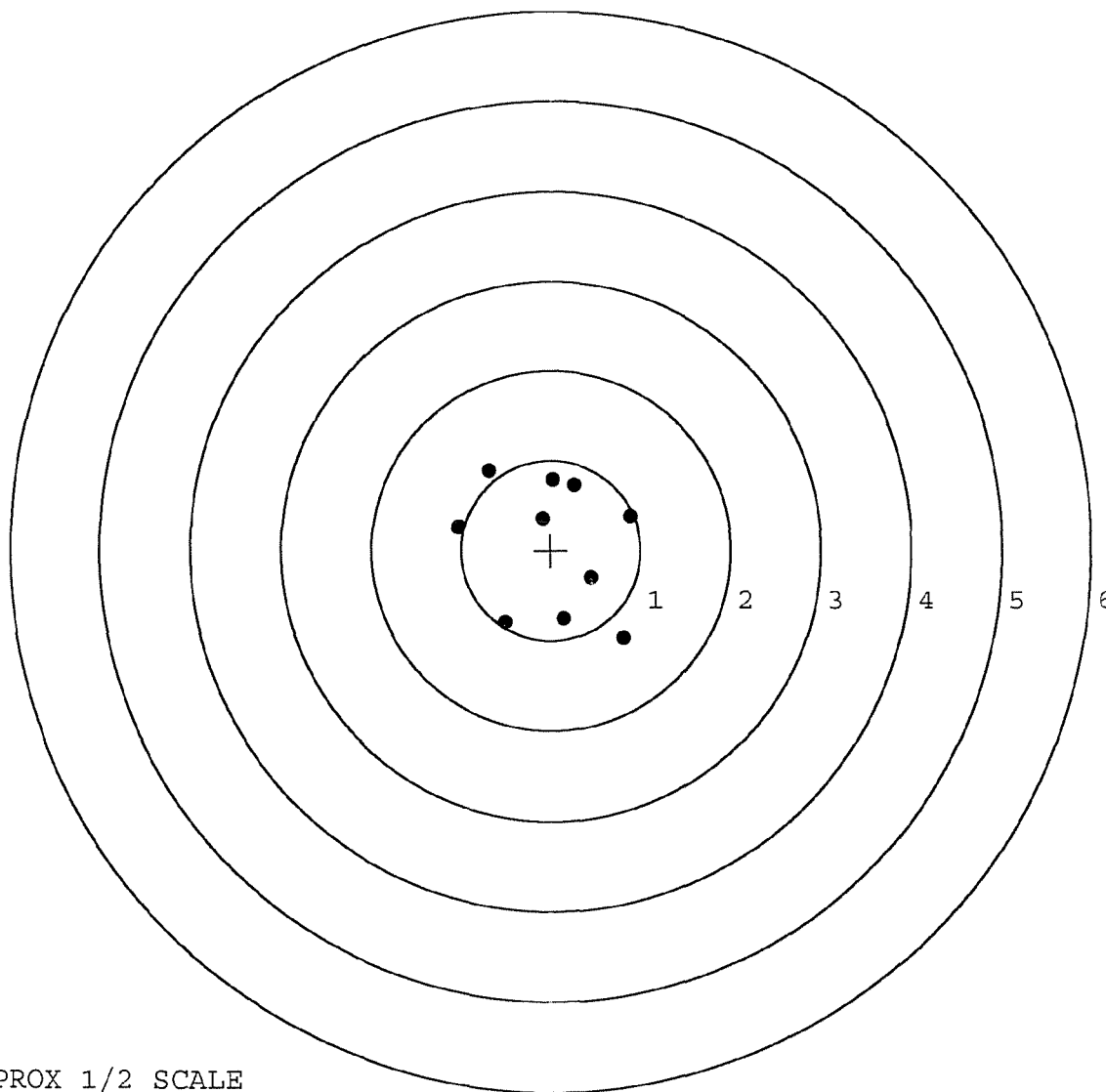
MAX RADIUS: 1.301

MEAN RADIUS: 0.854

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225275. 0

TARGET NUMBER: 4

FILE DATE: 04/19/2005

FILE TIME: 06:33

POINT#	X	Y
1:	-0.608	-1.415
2:	0.672	-0.305
3:	0.276	-0.430
4:	0.560	1.496
5:	-0.674	0.518
6:	0.100	0.611
7:	-0.213	0.339
8:	0.027	-0.038
9:	-0.204	-0.245
10:	-0.039	-0.510

X CENTROID: -0.010

Y CENTROID: 0.002

POA TO CENTROID: 0.011

HORZ SPREAD: 1.346

VERT SPREAD: 2.911

GROUP SPREAD: 3.137

MIN RADIUS: 0.055

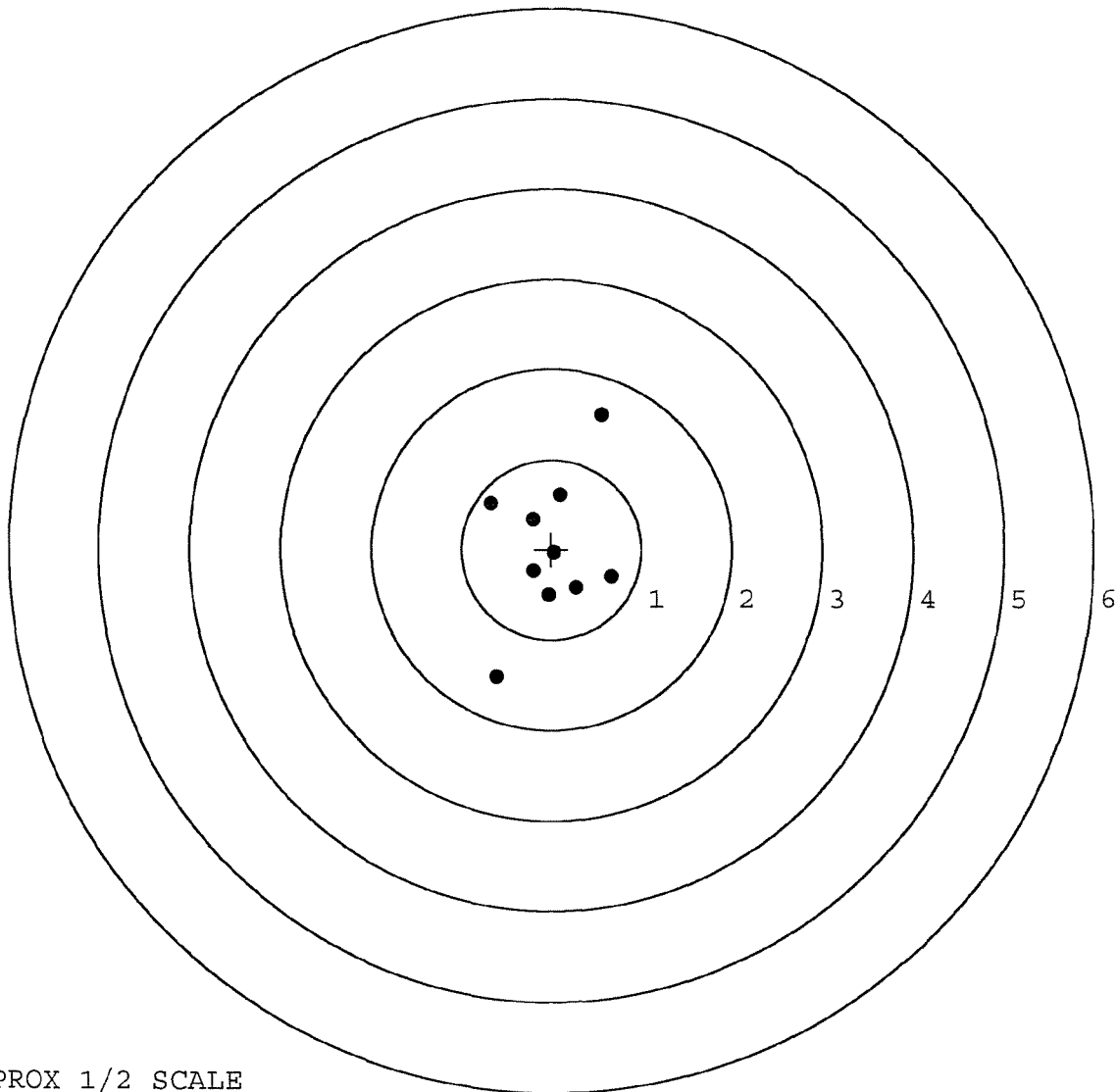
MAX RADIUS: 1.599

MEAN RADIUS: 0.714

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225275. 0

TARGET NUMBER: 5

FILE DATE: 04/19/2005

FILE TIME: 06:33

POINT#	X	Y
1:	0.652	-1.094
2:	0.000	-0.892
3:	-0.454	-0.701
4:	0.053	-0.322
5:	-0.446	-1.346
6:	0.227	0.302
7:	0.506	0.597
8:	0.479	0.892
9:	-0.072	1.003
10:	-0.226	0.419

X CENTROID: 0.072

Y CENTROID: -0.114

POA TO CENTROID: 0.135

HORZ SPREAD: 1.106

VERT SPREAD: 2.349

GROUP SPREAD: 2.422

MIN RADIUS: 0.209

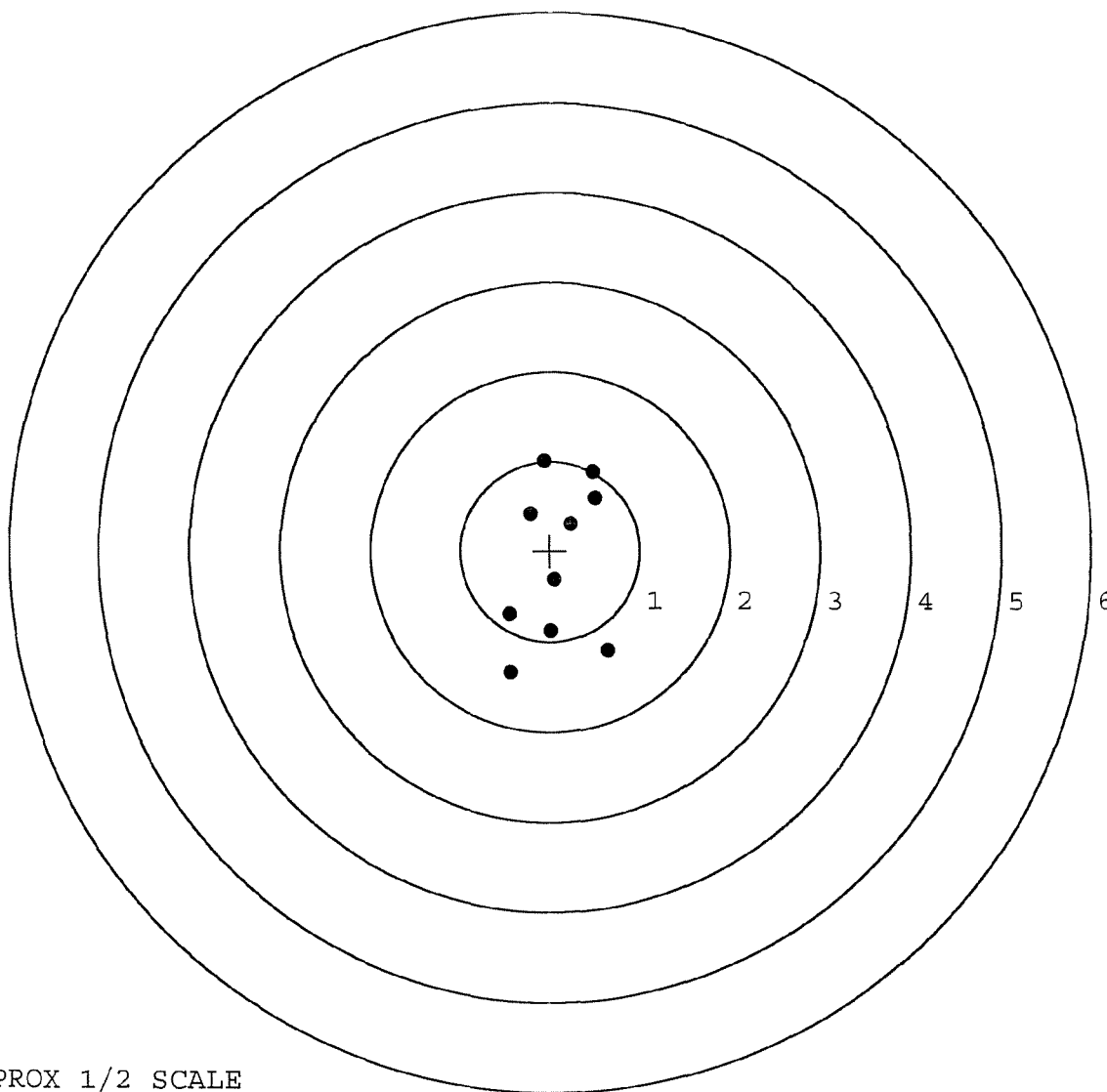
MAX RADIUS: 1.336

MEAN RADIUS: 0.835

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	92558		
SERIAL NUMBER	C6225275		
LOG-IN DATE	2-7-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-14-05	RTZ
560 A	RE-BARREL	3-17-05	RTZ
B	DRILL AND TAP	3-21-05	TRW
575	ASSEMBLE	3-18-05	RTZ
600	PROOF	3-21-05	AC
605	CHECK HEADSPACE	3-21-05	AC
610	DIS-ASSEMBLE GUN	3-21-05	RTZ
612	MAGNAFLUX		
615	ROLLMARK CALIBER	3-23-05	CW
618	ROTO-BLAST	3-29	SW
620	APPLY COATINGS	4-15	HP
625 A	FINAL ASSEMBLY	4-15-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	4-21-05	AC
D	SAFETY "OFF" FORCE	4-21-05	AC
E	FIRING PIN INDENT	4-21-05	AC
640	TARGET	4-19-05	AC
655	FINAL INSPECT	4-21-05	AC
660	PACK	4-22-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington
MODEL 700™ H24

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

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

SERIAL NO.
C6225275

ORDER NO.
5716

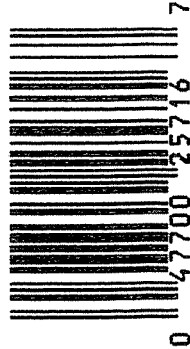
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6225275

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225275

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 21	89	RW
600	Proof	4 21	89	RW
607	Check Headspace	4 21	89	RW
610	Dis-assemble Gun	4 21	89	RW
612	Magnaflux Barrel Action		4/26	KCR
	Magnaflux Bolt		4/27	KCR
615	Rollmark Caliber		4/27	LS
617	Drill and Tap Sight Holes	4 27	89	YB
618	Polish Barrel RB	4 27	89	BT
620	Apply Coatings (Barrel Action)		5/15/89	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/17/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/12/89	RW
	C) Inspect Ejector Hole for Chamfer		5/17/89	RW
	D) Oil Firing Pin Ass'y		5/17/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/23/89	GS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/4	4 1/2	4			5/23/89	WLB
	G) Safety Off Force	2 3/4	2 3/4	2 3/4			5/23/89	WLB
	H) Trigger Pull Test & Retainability						5/23/89	G.S.
	I) Firing Pin Indent	.022	.0217	.0215			5/23/89	WLB
	J) Assemble Stock						5/24/89	RW
	K) Assemble Swivel Studs						5/24/89	RS
	L) Attach Front and Rear Sight Assemblies						5/24/89	RW
	M) Iron Sight Alignment						5/24/89	RW
	N) Detach Front & Rear Sights & place in numbered container						5/24/89	RW
	O) Attach Scope to Rifle						5/24/89	JP
	P) Detach & Attach Scope 20 Times						5/24/89	JP
640	Gallery Target & Test	48 R	109 L				5/24/89	DH
	A) Time						5/24/89	DH
	B) Malfunctions						5/24/89	DH
	C) Pierced Primers						5/24/89	DH
	D) Optical Clarity of Scope						5/24/89	DH
645	Inspect for Live Ammo						5/24/89	DH
655	Final Inspection							
	A) Headspace						25 May 89	RS
	B) Trigger Pull	2.43	2.64	2.65	2.58	2.66	25 May 89	RS
	C) Function						25 May 89	RS
660	Pack						26 June 89	RS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06349155

DATE 6 NOV 89

TESTER 928

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.20	2.08	2.62	2.66	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.18	2.23	2.49	2.78	
PULL #3	2.20	2.15	2.73	2.73	
PULL #4	2.10	2.27	2.29	2.77	
PULL #5	2.13	2.47	2.50	2.75	
TOTAL	10.81	11.20	12.63	13.69	
AVG.	2.162	2.24	2.526	2.738	

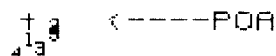
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	2.72		
PULL #2	3.40	2.75		
PULL #3	3.19	2.93		
PULL #4	3.38	3.28		
PULL #5	3.28	3.12		
TOTAL	16.43	14.80		
AVG.	3.286	2.96		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	3.93		4.15
PULL #2	4.12	4.12		3.99
PULL #3	4.10	4.14		4.10
PULL #4	4.30	4.20		4.01
PULL #5	4.11	4.26		4.21
TOTAL	20.86	20.65		20.46
AVG.	4.172	4.13		4.092

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225275
30 May 1989

CENTROIDAL DISTANCES

0 TO	1	.336482
1 TO	2	.533526
1 TO	3	.277851
1 TO	4	.357498
1 TO	5	.481486



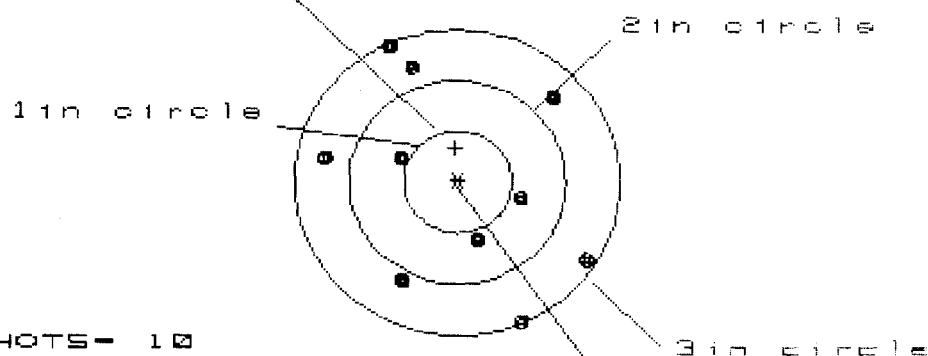
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2058
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3608
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .415368
 THE AMR FOR THIS RIFLE IS: 1.05

24 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225275

CENTERFIRE PATTERNS # 1

POA



OF SHOTS - 10

IN CIR

1in = 0

2in = 3

3in = 8

HS = 2.381

VS = 2.740

GS = 3.013

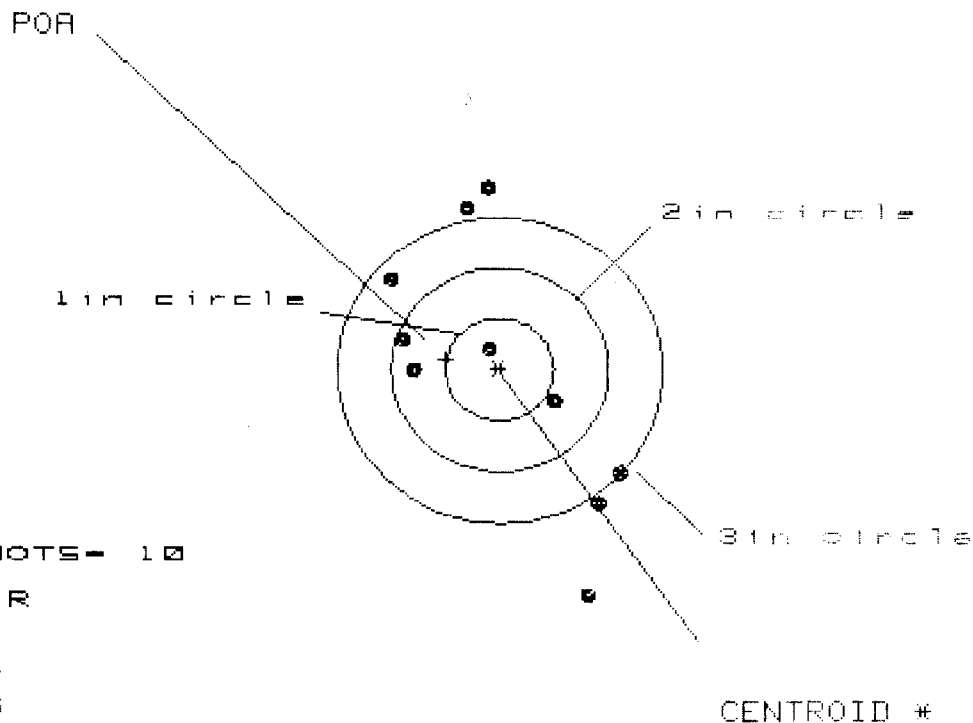
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.141	1.211	1.141
MINIMUM X	-1.240	-1.170	-1.240
MAXIMUM Y	1.365	1.212	1.142
MINIMUM Y	-1.375	-1.075	-.924
CENTROID X	.018	-.052	.018
CENTROID Y	-.336	-.183	-.334
POA TO CENTROID in.	.336	.190	.335
MIN RADIUS	.574	.492	.574
MEAN RADIUS	1.087	1.037	.983
MAX RADIUS	1.511	1.493	1.350
HORIZONTAL SPREAD	2.381	2.381	2.381
VERTICAL SPREAD	2.740	2.287	2.066
EXTREME SPREAD	3.013	2.734	2.571
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	8		

24 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225275

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

HS= 2.183

VS= 3.958

GS= 4.069

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.148	1.243	1.243
MINIMUM X	-1.035	-.940	-.940
MAXIMUM Y	1.777	1.534	1.508
MINIMUM Y	-2.181	-1.541	-1.349
CENTROID X	.495	.400	.400
CENTROID Y	-.097	.146	-.046
POA TO CENTROID in.	.504	.426	.402
MIN RADIUS	.260	.052	.174
MEAN RADIUS	1.275	1.110	1.060
MAX RADIUS	2.342	1.814	1.654
HORIZONTAL SPREAD	2.183	2.183	2.183
VERTICAL SPREAD	3.958	3.075	2.857
EXTREME SPREAD	4.069	3.219	3.100
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	5		

24 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225275

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID +

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 1.804

VS= 2.516

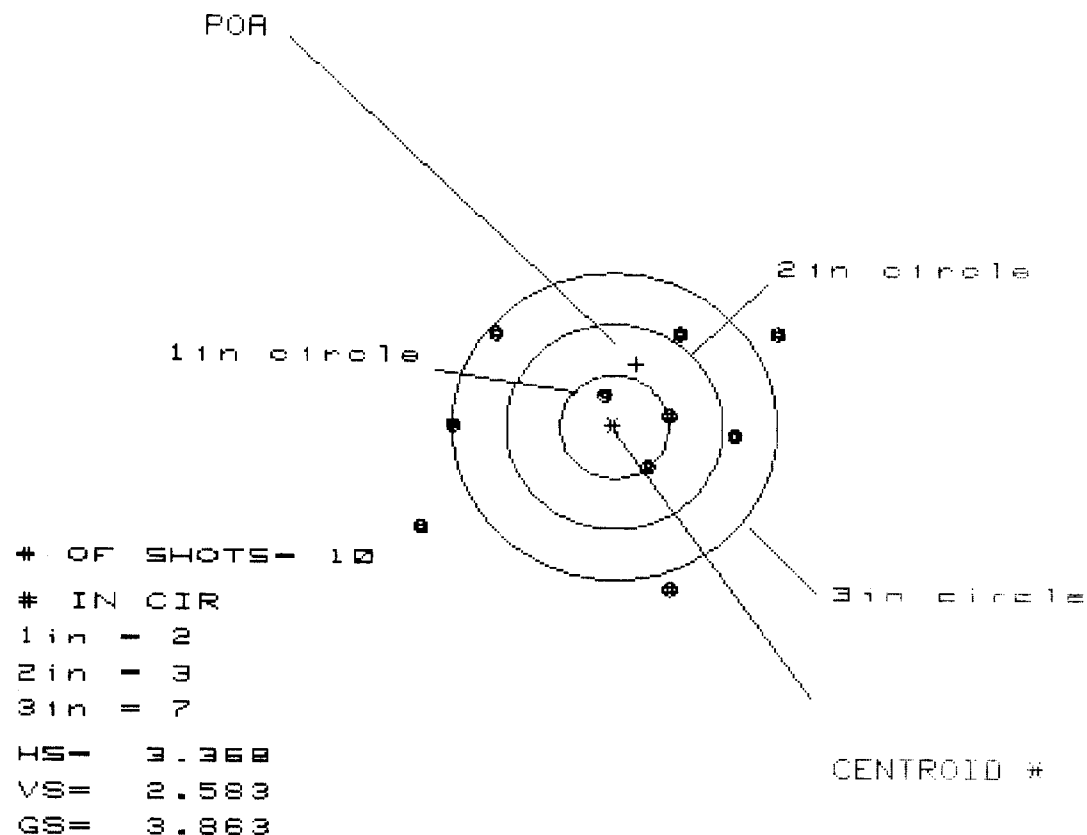
GS= 2.972

PATTERN #	1	3	9	8
SHOTS (BEST OF)	10	9	9	8
MAXIMUM X	.962	.870	.870	.952
MINIMUM X	-.842	-.934	-.934	-.852
MAXIMUM Y	1.258	1.118	1.118	1.173
MINIMUM Y	-1.258	-.781	-.781	-.641
CENTROID X	.233	.325	.325	.243
CENTROID Y	-.512	-.372	-.372	-.512
POA TO CENTROID in.	.562	.494	.494	.567
MIN RADIUS	.036	.152	.152	.026
MEAN RADIUS	.881	.812	.812	.727
MAX RADIUS	1.509	1.296	1.296	1.336
HORIZONTAL SPREAD	1.804	1.804	1.804	1.804
VERTICAL SPREAD	2.516	1.899	1.899	1.814
EXTREME SPREAD	2.972	2.407	2.407	2.284
NUMBER IN ONE INCH CIRCLE =		3		
NUMBER IN TWO INCH CIRCLE =		6		
NUMBER IN THREE INCH CIRCLE =		9		

24 May 1989

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CENTERFIRE PATTERNS # 4

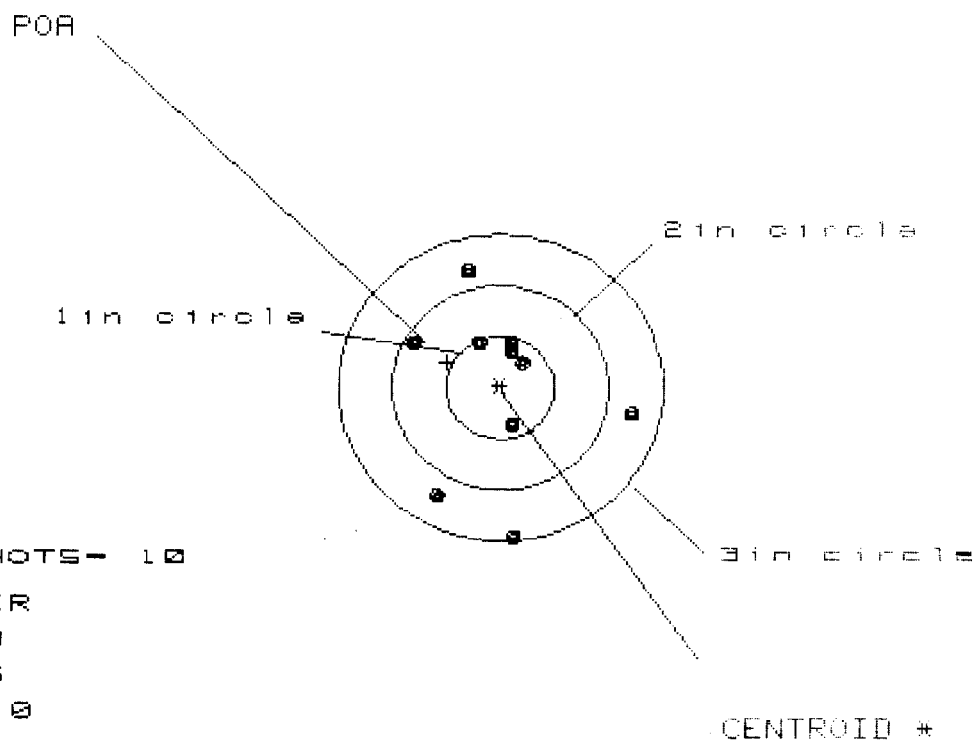


PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.554	1.352	1.065
MINIMUM X	:	-1.814	-1.658	-1.489
MAXIMUM Y	:	.955	.842	.938
MINIMUM Y	:	-1.628	-1.741	-1.645
CENTROID X	:	-.208	-.006	-.175
CENTROID Y	:	-.613	-.500	-.596
POA TO CENTROID in.	:	.647	.500	.621
MIN RADIUS	:	.324	.277	.319
MEAN RADIUS	:	1.197	1.055	1.007
MAX RADIUS	:	2.078	1.762	1.704
HORIZONTAL SPREAD	:	3.368	3.010	2.554
VERTICAL SPREAD	:	2.583	2.583	2.583
EXTREME SPREAD	:	3.863	3.139	2.984
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			3	
NUMBER IN THREE INCH CIRCLE =			7	

24 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225275

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 10

HS= 2.027

VS= 2.643

GS= 2.663

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.256	1.265	.364
MINIMUM X	-.771	-.762	-.604
MAXIMUM Y	1.182	1.019	.963
MINIMUM Y	-1.461	-1.194	-1.250
CENTROID X	.491	.482	.324
CENTROID Y	-.246	-.083	-.027
POA TO CENTROID in.	.549	.489	.325
MIN RADIUS	.293	.182	.262
MEAN RADIUS	.809	.691	.612
MAX RADIUS	1.464	1.343	1.321
HORIZONTAL SPREAD	2.027	2.027	.968
VERTICAL SPREAD	2.643	2.213	2.213
EXTREME SPREAD	2.663	2.240	2.240
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		