

Smead®

C6348815

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5716**

* Includes 1 in chamber.

Remington.

BARBER - M24 0038844

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00092899** Serial: C6348815 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 09/18/1999 Repairman: Status: Closed 2/10/2005 11:39:59 AM

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

Code: Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search **Refresh** **Close**

maglet 2/14/2005 9:22 AM CAPS RUM INS SCPL

start 5 2 4 Arm's Service

Serial Number: **C6348815**

Model: **M24 SWS**



RE00092899

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348815.___0

FILE DATE AND TIME: 06/30/2005 09:15

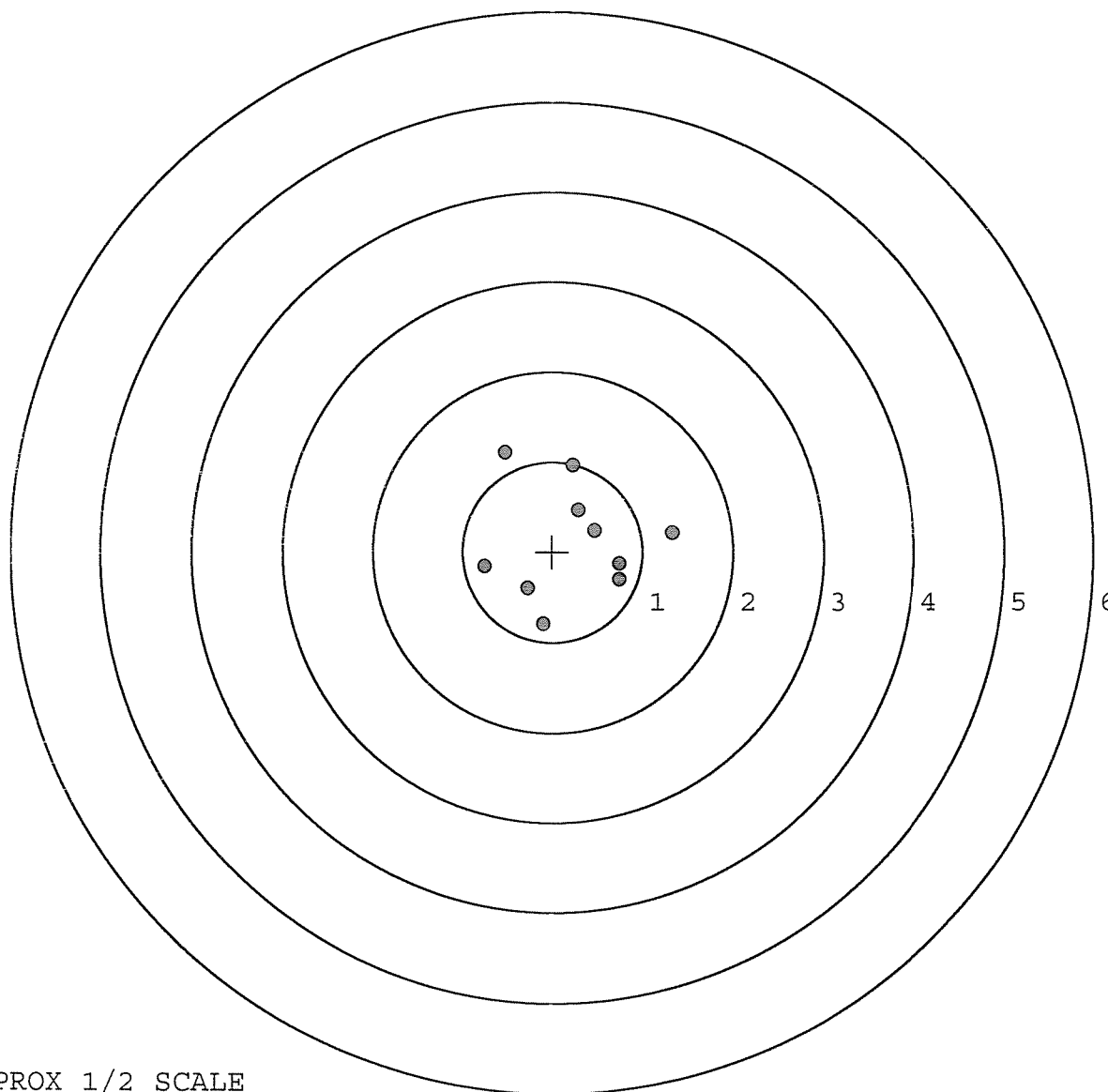
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.153
The Average Y Centroid of the Five Target Set:	0.032
The Average Point of Impact of the Five Target Set:	0.157
The Average Mean Radius of the Five Target Set:	0.866
The Distance from POA to Centroid Target #1:	0.242
The Distance from Centroid Target #2 to Centroid Target #1:	0.503
The Distance from Centroid Target #3 to Centroid Target #1:	0.248
The Distance from Centroid Target #4 to Centroid Target #1:	0.069
The Distance from Centroid Target #5 to Centroid Target #1:	0.336

SERIAL NUMBER: C6348815. __0
 TARGET NUMBER: 1
 FILE DATE: 06/30/2005
 FILE TIME: 09:15

X CENTROID: 0.213
 Y CENTROID: 0.115
 POA TO CENTROID: 0.242
 HORZ SPREAD: 2.087
 VERT SPREAD: 1.912
 GROUP SPREAD: 2.058
 MIN RADIUS: 0.280
 MAX RADIUS: 1.237
 MEAN RADIUS: 0.781
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.746	-0.135
2:	0.742	-0.307
3:	0.467	0.234
4:	0.289	0.464
5:	0.230	0.960
6:	-0.528	1.106
7:	-0.759	-0.171
8:	-0.278	-0.408
9:	-0.104	-0.806
10:	1.328	0.216

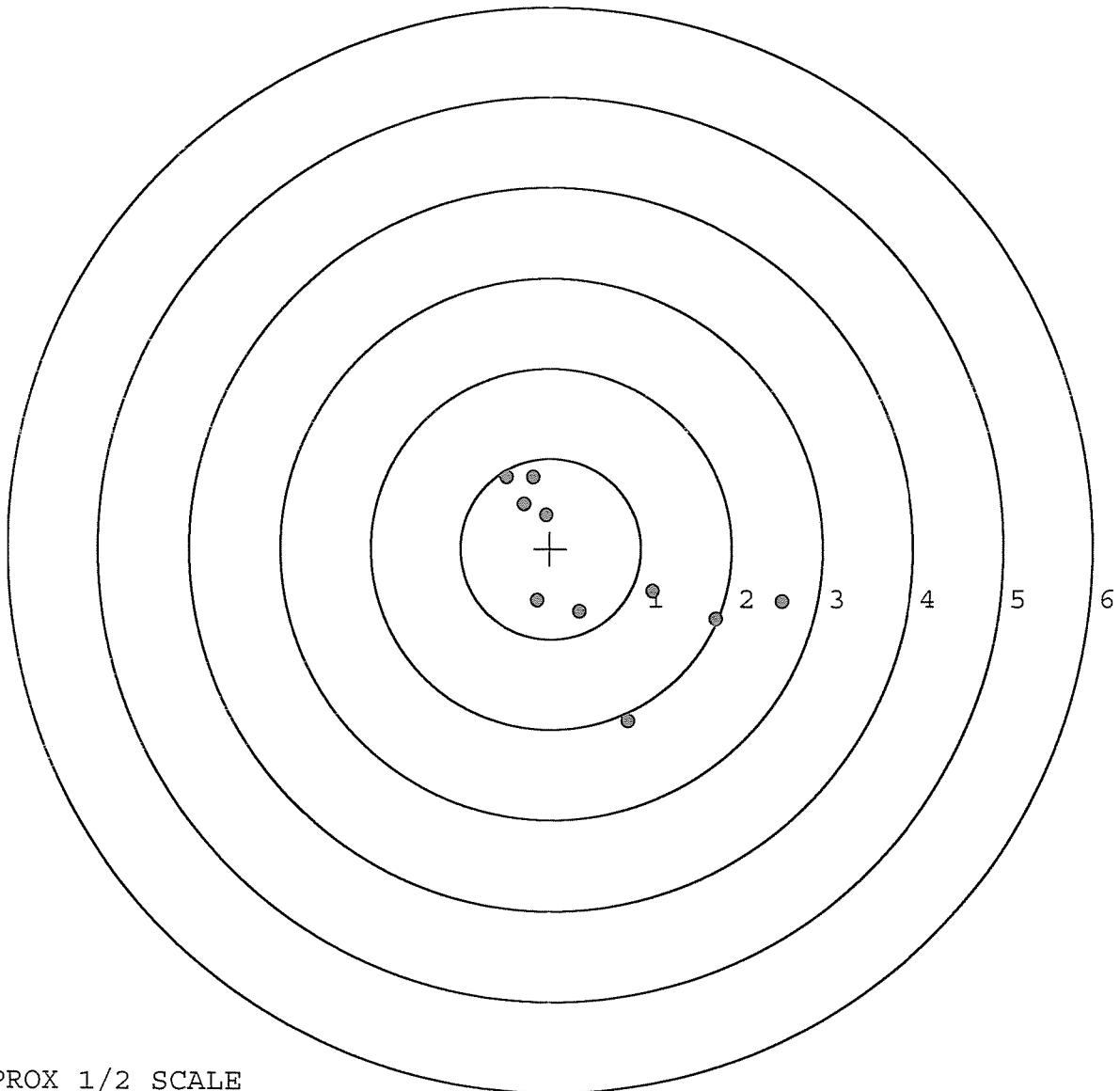


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348815. 0
 TARGET NUMBER: 2
 FILE DATE: 06/30/2005
 FILE TIME: 09:15

X CENTROID: 0.551
 Y CENTROID: -0.258
 POA TO CENTROID: 0.608
 HORZ SPREAD: 3.036
 VERT SPREAD: 2.701
 GROUP SPREAD: 3.334
 MIN RADIUS: 0.493
 MAX RADIUS: 2.025
 MEAN RADIUS: 1.173
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	2.549	-0.586
2:	1.826	-0.779
3:	1.129	-0.472
4:	0.325	-0.696
5:	-0.153	-0.577
6:	0.863	-1.909
7:	-0.197	0.791
8:	-0.487	0.792
9:	-0.297	0.487
10:	-0.053	0.369

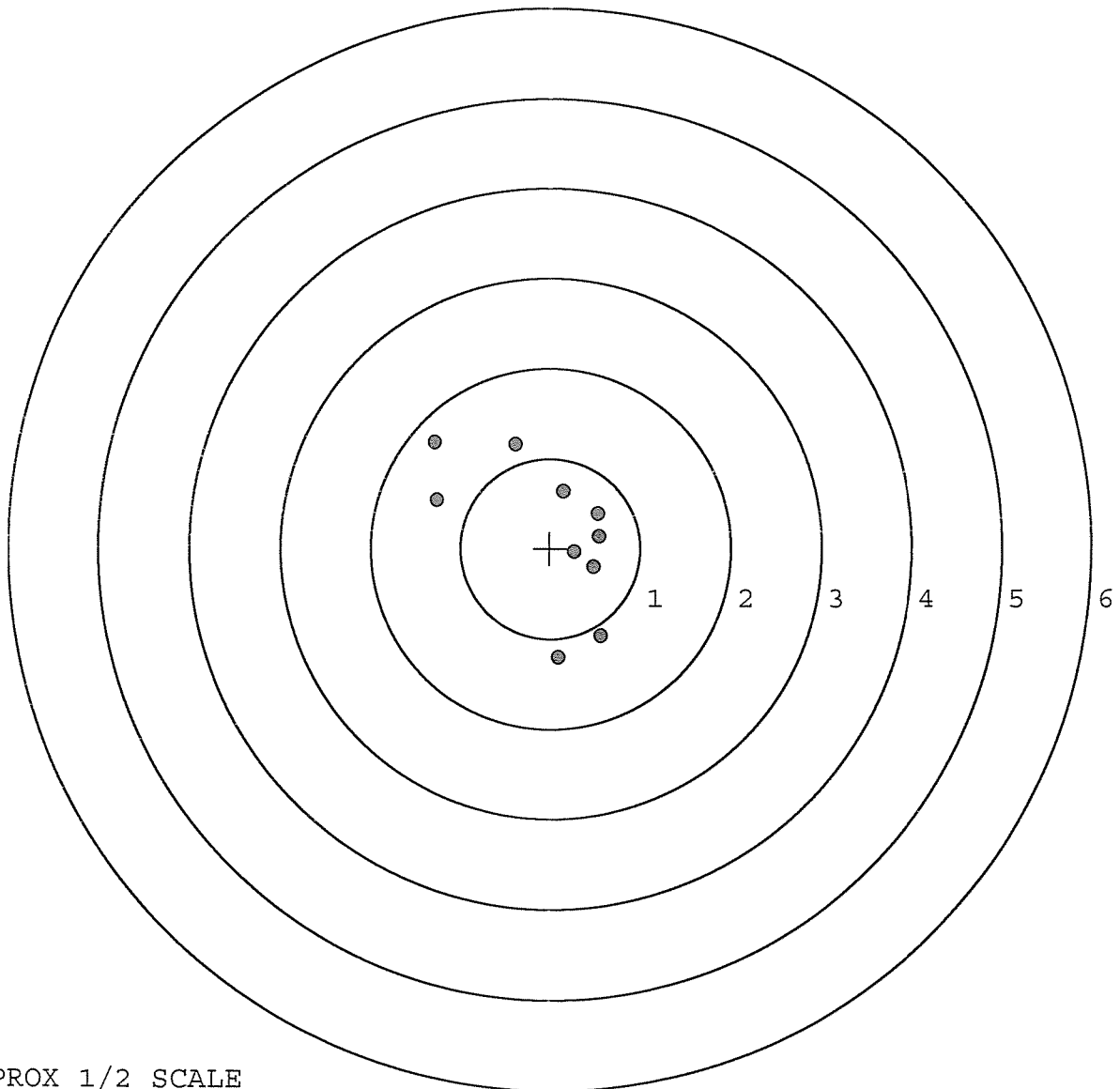


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348815. 0
 TARGET NUMBER: 3
 FILE DATE: 06/30/2005
 FILE TIME: 09:15

X CENTROID: -0.030
 Y CENTROID: 0.161
 POA TO CENTROID: 0.164
 HORZ SPREAD: 1.854
 VERT SPREAD: 2.392
 GROUP SPREAD: 2.839
 MIN RADIUS: 0.363
 MAX RADIUS: 1.621
 MEAN RADIUS: 0.931
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.563	-0.970
2:	0.094	-1.212
3:	0.485	-0.208
4:	0.270	-0.043
5:	0.546	0.140
6:	0.533	0.391
7:	0.152	0.637
8:	-0.392	1.154
9:	-1.291	1.180
10:	-1.263	0.539

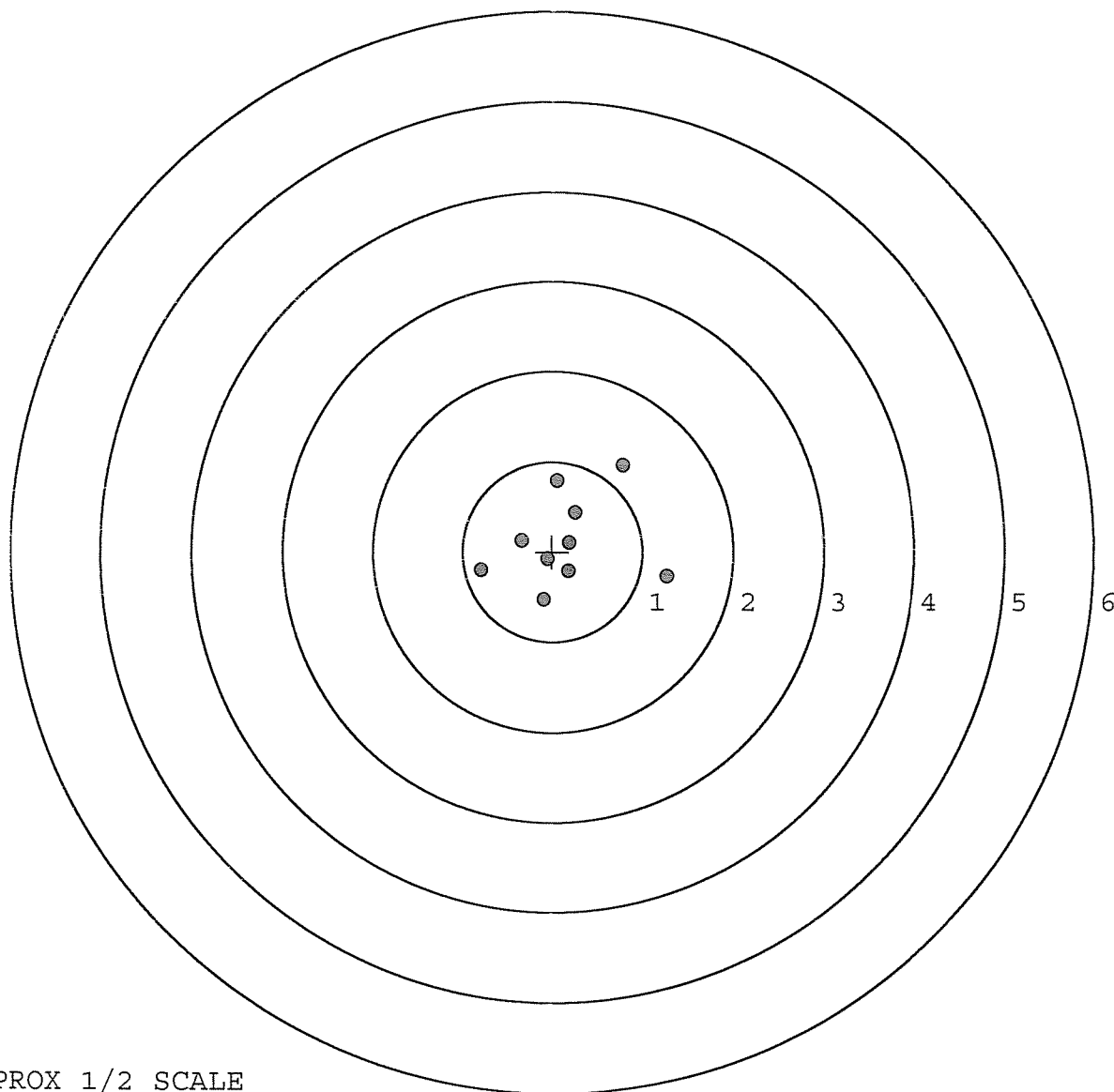


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348815. 0
 TARGET NUMBER: 4
 FILE DATE: 06/30/2005
 FILE TIME: 09:15

X CENTROID: 0.145
 Y CENTROID: 0.111
 POA TO CENTROID: 0.182
 HORZ SPREAD: 2.071
 VERT SPREAD: 1.501
 GROUP SPREAD: 2.072
 MIN RADIUS: 0.049
 MAX RADIUS: 1.191
 MEAN RADIUS: 0.612
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.273	-0.270
2:	0.782	0.964
3:	0.058	0.792
4:	0.255	0.439
5:	0.193	0.104
6:	-0.099	-0.537
7:	-0.798	-0.208
8:	0.183	-0.215
9:	-0.057	-0.084
10:	-0.343	0.122

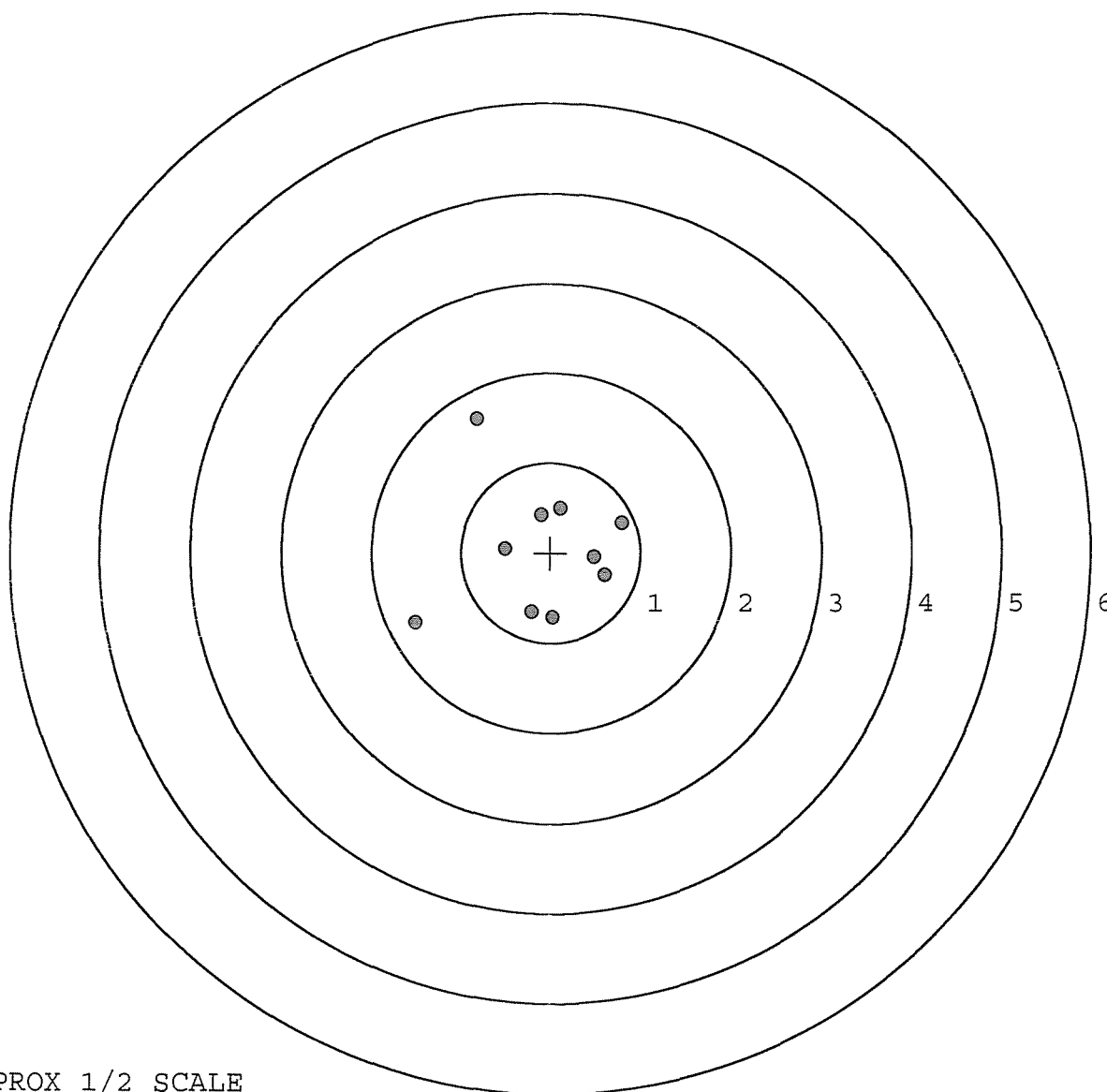


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348815. __0
 TARGET NUMBER: 5
 FILE DATE: 06/30/2005
 FILE TIME: 09:15

POINT#	X	Y
1:	0.800	0.335
2:	0.028	-0.722
3:	-0.210	-0.664
4:	-1.510	-0.781
5:	-0.510	0.044
6:	-0.824	1.478
7:	-0.100	0.426
8:	0.119	0.496
9:	0.483	-0.047
10:	0.603	-0.252

X CENTROID: -0.112
 Y CENTROID: 0.031
 POA TO CENTROID: 0.116
 HORZ SPREAD: 2.310
 VERT SPREAD: 2.259
 GROUP SPREAD: 2.565
 MIN RADIUS: 0.395
 MAX RADIUS: 1.617
 MEAN RADIUS: 0.834
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R. & E NUMBER	92899		
SERIAL NUMBER	06348815		
LOG-IN DATE	2-10-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5-27-05	RTL
560 A	RE-BARREL	6-6-05	RTL
B	DRILL AND TAP	6-8-05	TRW
575	ASSEMBLE	6-6-05	RTL
600	PROOF	6-7-05	AC
605	CHECK HEADSPACE	6-7-05	AC
610	DIS-ASSEMBLE GUN	6-7-05	RTL
612	MAGNAFLUX	6-9-05	unl
615	ROLLMARK CALIBER	6-9-05	CW
618	ROTO-BLAST	6-10-05	CB
620	APPLY COATINGS	6-13-05	W
625 A	FINAL ASSEMBLY	6-29-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	7-13-05	AC
D	SAFETY "OFF" FORCE	7-13-05	AC
E	FIRING PIN INDENT	7-13-05	AC
640	TARGET	6-30-05	TRW
655	FINAL INSPECT	7-13-05	AC
660	PACK	9-6-05	RA
		SHIP DATE	
		QAR INSPECTION DATE	



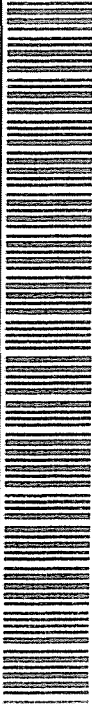
MODEL 700™ H24



RES. U.S. PAT. & TM. OFF.

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

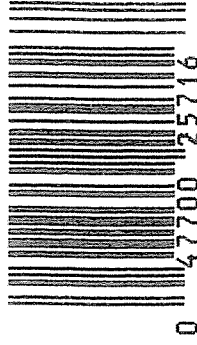
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6348815

SERIAL NO. C6348815	ORDER NO. 5716
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LPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348815

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 11	89	RW
600	Proof	8 11	89	RW
607	Check Headspace	8 11	89	RW
610	Dis-assemble Gun	8 11	89	RW
612	Magnaflux Barrel Action		8/15/89	KCR
	Magnaflux Bolt		8/15/89	KCR
615	Rollmark Caliber		8/15/89	ES
7	Drill and Tap Sight Holes	8 16	89	
618	Polish Barrel RB	8 16	89	
620	Apply Coatings (Barrel Action)		8-19-89	TD
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/21/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/21/89	RW
	C) Inspect Ejector Hole for Chamfer		8/21/89	RW
	D) Oil Firing Pin Ass'y		8/21/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/23/89	99

Op. #	BARBER NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	6	5			23 Aug 89	JS
	G) Safety Off Force	4	3	3			23 Aug 89	JS
	H) Trigger Pull Test & Retainability						23 Aug 89	JS
	I) Firing Pin Indent	.021	.022	.0215			23 Aug 89	JS
	J) Assemble Stock						8/24/89	RW
	K) Assemble Swivel Studs						25 Aug 89	JS
	L) Attach Front and Rear Sight Assemblies						8/24/89	RW
	M) Iron Sight Alignment						8/24/89	RW
	N) Detach Front & Rear Sights & place in numbered container						8/24/89	RW
	O) Attach Scope to Rifle						23 Aug 89	JS
	P) Detach & Attach Scope 20 Times						23 Aug 89	JS
640	Gallery Target & Test	76 R	74 L				8-24-89	AC
	A) Time						8-24-89	AC
	B) Malfunctions						8-24-89	AC
	C) Pierced Primers						8-24-89	AC
	D) Optical Clarity of Scope						8-24-89	AC
645	Inspect for Live Ammo						8-24-89	AC
655	Final Inspection							
	A) Headspace						25 Aug 89	JS
	B) Trigger Pull	2.33	2.51	2.46	2.53	2.43	25 Aug 89	JS
	C) Function						25 Aug 89	JS
660	Pack						20 Sep 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6318845DATE 31 July 89TESTER Ju.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.00	2.47	2.53	2.07	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.41	2.58	2.42	
PULL #3	2.60	2.39	2.49	2.52	
PULL #4	2.52	2.46	2.45	2.58	
PULL #5	2.36	2.45	2.31	2.49	
TOTAL	11.83	12.18	12.36	12.07	
AVG.	2.366	2.436	2.472	2.414	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.05	3.12		
PULL #2	2.98	3.15		
PULL #3	2.96	3.08		
PULL #4	3.09	3.07		
PULL #5	3.01	3.10		
TOTAL	15.09	15.52		
AVG.	3.018	3.104		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.53		4.30
PULL #2	4.25	4.53		4.30
PULL #3	4.36	4.41		4.41
PULL #4	4.35	4.39		4.38
PULL #5	4.33	4.40		4.35
TOTAL	21.64	22.26		21.74
AVG.	4.328	4.452		4.348

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # 06348815
 25 Aug 1989

CENTROIDAL DISTANCES

0 TO	1	.517228
1 TO	2	.594983
1 TO	3	.546937
1 TO	4	.474782
1 TO	5	.197436

$\frac{S_1}{\Sigma S_i}$ <----POA

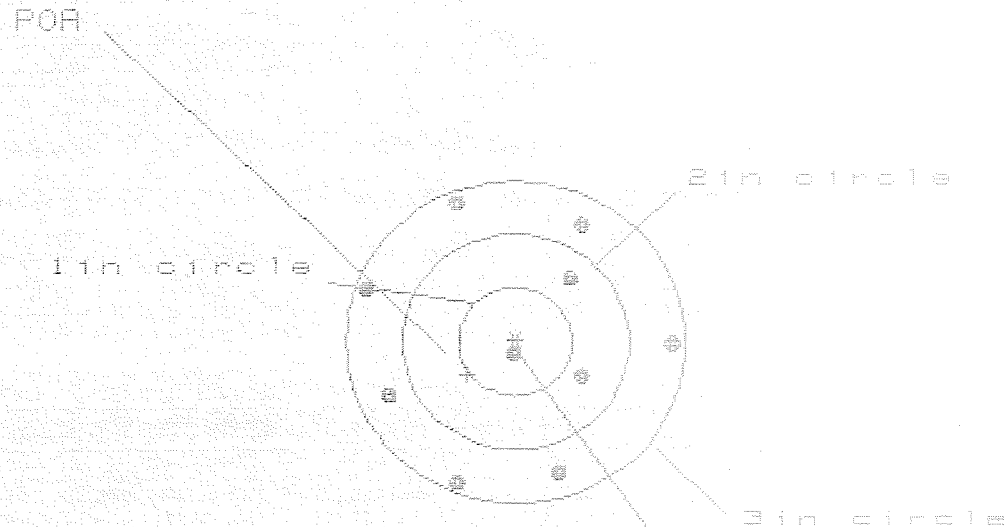
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4452
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0438
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .447349

THE AMR FOR THIS RIFLE IS: 1.033

25 AUG 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8346815

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 1

2in = 3

3in = 10

HS = 2.677

VS = 2.626

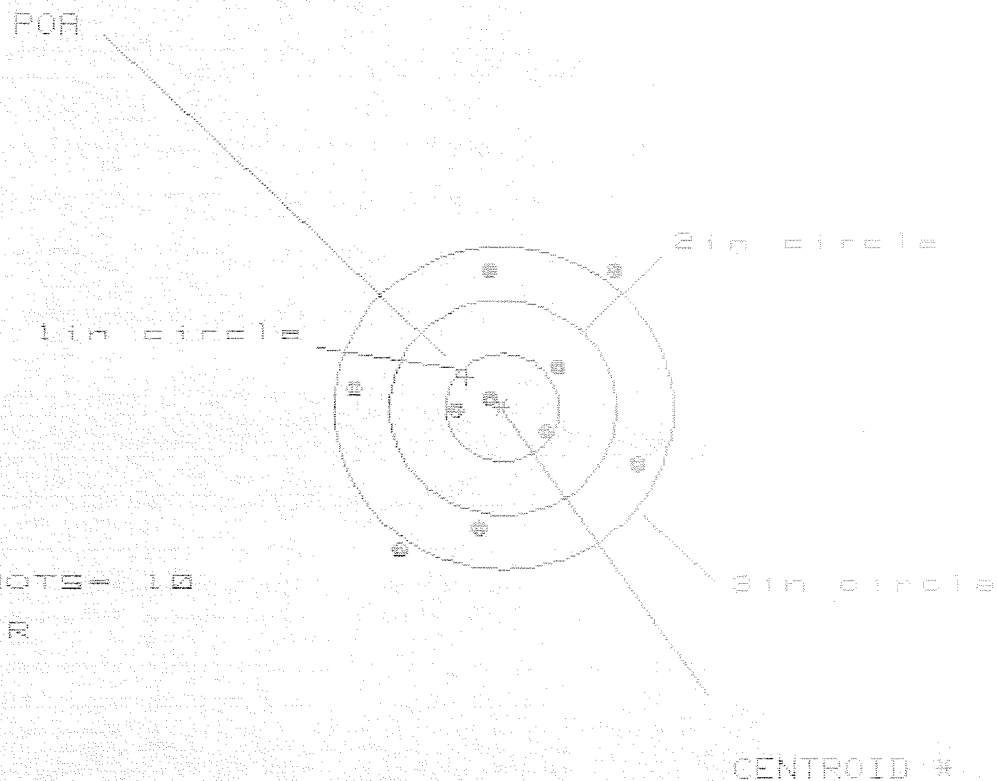
GS = 2.732

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.401	1.340	1.272
MINIMUM X	-1.276	-1.337	-1.405
MAXIMUM Y	1.321	1.176	1.069
MINIMUM Y	-1.305	-1.395	-1.248
CENTROID X	.417	.479	.547
CENTROID Y	.306	.451	.304
POA TO CENTROID in.	.518	.658	.626
MIN RADIUS	.101	.243	.136
MEAN RADIUS	1.093	1.052	.997
MAX RADIUS	1.419	1.429	1.507
HORIZONTAL SPREAD	2.677	2.677	2.677
VERTICAL SPREAD	2.626	2.571	2.317
EXTREME SPREAD	2.732	2.732	2.732
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	10		

25 Aug 1985

FILE: PATTERNING/CENTERFIRE_PATT/C634B815

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 3

2in = 4

3in = 3

HS = 2.497

VS = 2.633

GS = 3.234

PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	1.171
MINIMUM X	-1.326
MAXIMUM Y	1.323
MINIMUM Y	-1.310
CENTROID X	.314
CENTROID Y	-.280
POA TO CENTROID in.	.421
MIN RADIUS	.164
MEAN RADIUS	.978
MAX RADIUS	1.661
HORIZONTAL SPREAD	2.497
VERTICAL SPREAD	2.633
EXTREME SPREAD	3.234
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	3

25 Aug 1989

FILE: PATTERNING/CENTERFIRE_PATT/C8346815

CENTERFIRE PATTERNS

3

POB

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 2.937

VS = 1.333

GS = 2.940

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.203	1.010	1.068
MINIMUM X	:	-1.734	-1.213	-1.087
MAXIMUM Y	:	.658	.648	.618
MINIMUM Y	:	-.675	-.685	-.715
CENTROID X	:	.449	.642	.516
CENTROID Y	:	-.240	-.230	-.200
POB TO CENTROID in.	:	.510	.682	.553
MIN RADIUS	:	.450	.619	.526
MEAN RADIUS	:	.982	.887	.860
MAX RADIUS	:	1.737	1.268	1.139
HORIZONTAL SPREAD	:	2.937	2.223	2.155
VERTICAL SPREAD	:	1.333	1.333	1.333
EXTREME SPREAD	:	2.940	2.304	2.192
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

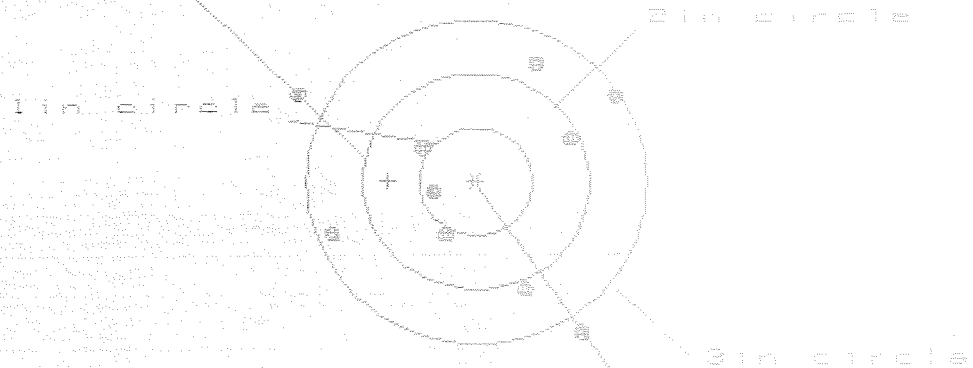
25 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/00340815

CENTERFIRE PATTERNS

4

POA



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

HS= 2.869

VS= 2.477

GS= 3.358

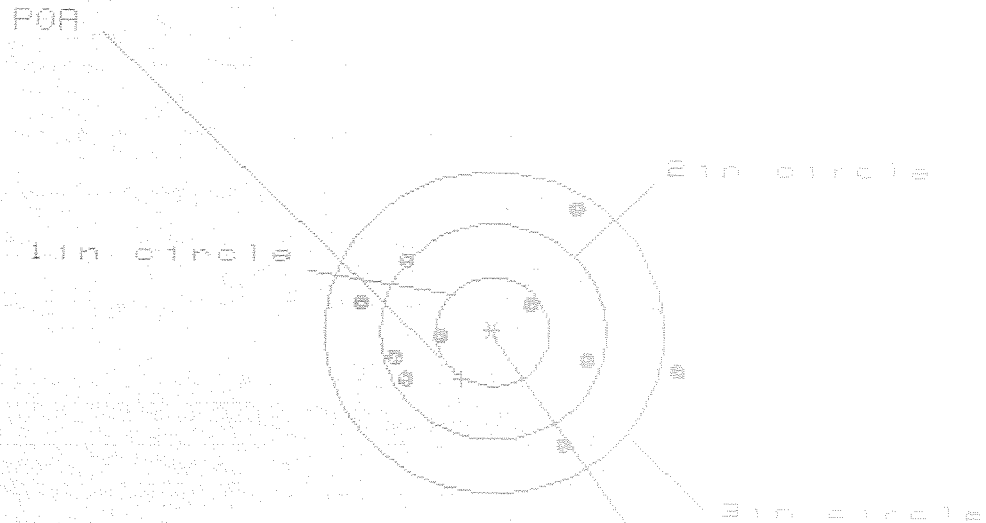
CENTROID #

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.273	1.096	1.193
MINIMUM X	:	-1.596	-1.496	-1.399
MAXIMUM Y	:	1.126	1.218	1.061
MINIMUM Y	:	-1.351	-1.259	-1.078
CENTROID X	:	.774	.951	.854
CENTROID Y	:	-.007	-.099	.053
POA TO CENTROID in.	:	.774	.956	.856
MIN RADIUS	:	.431	.596	.526
MEAN RADIUS	:	1.125	1.054	.983
MAX RADIUS	:	1.799	1.538	1.491
HORIZONTAL SPREAD	:	2.869	2.592	2.592
VERTICAL SPREAD	:	2.477	2.477	2.139
EXTREME SPREAD	:	3.358	2.875	2.875
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	5		

25 Aug 1989

FILE: PATTERNING/CENTERFIRE_PATT/C6348815

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS = 2.763

VS = 2.205

GS = 2.811

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.591	.965	1.078
MINIMUM X	-1.172	-.995	-.882
MAXIMUM Y	1.169	1.136	.724
MINIMUM Y	-1.036	-1.069	-.927
CENTROID X	.272	.095	-.018
CENTROID Y	.440	.473	.331
POA TO CENTROID in.	.517	.483	.332
MIN RADIUS	.384	.314	.221
MEAN RADIUS	.989	.888	.790
MAX RADIUS	1.619	1.452	1.336
HORIZONTAL SPREAD	2.763	1.960	1.960
VERTICAL SPREAD	2.205	2.205	1.651
EXTREME SPREAD	2.811	2.231	2.231
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	