C6225516

MODEL 700™ M24

Model SWS™

Action

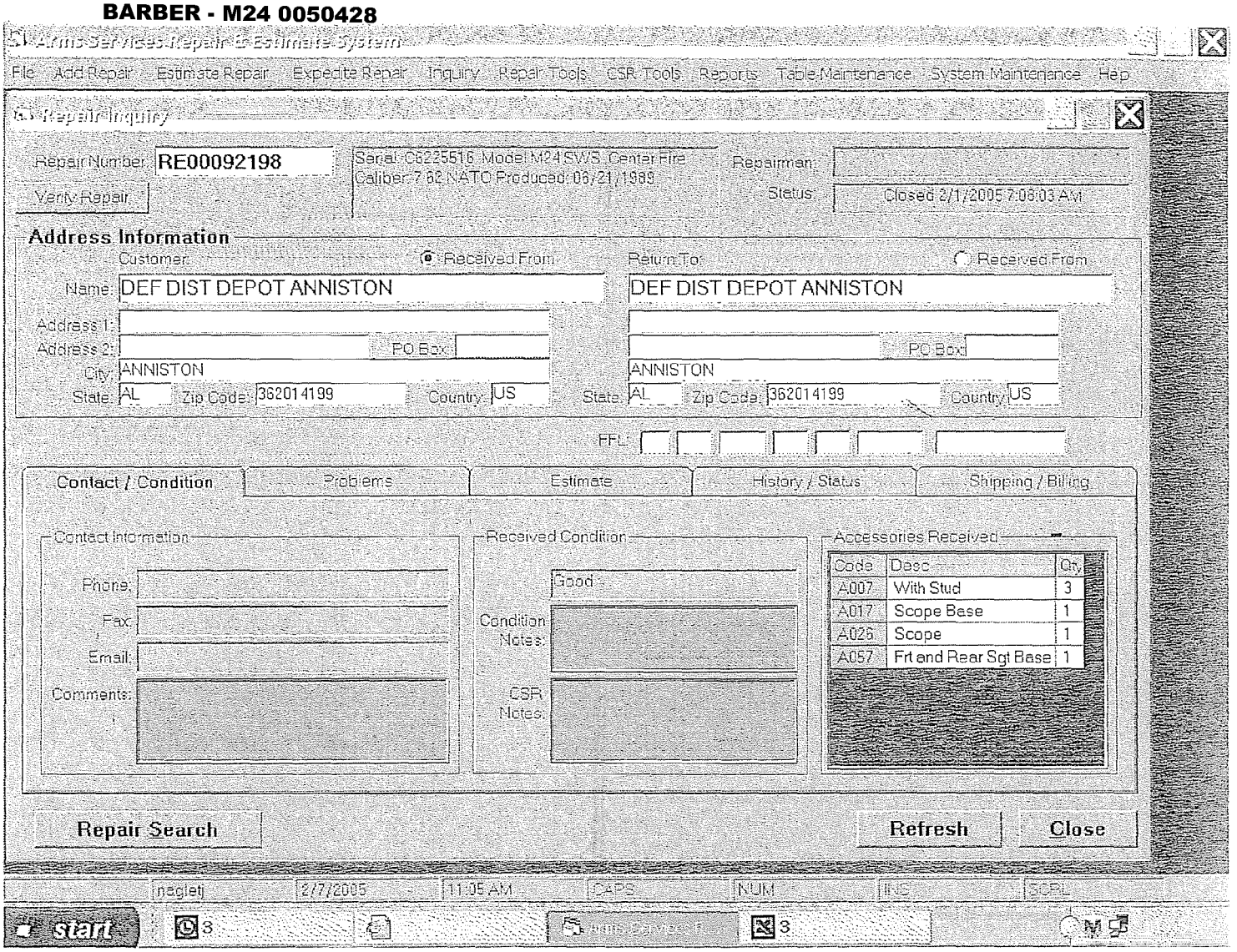
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®


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: RE00092198
Verify Repair
Serial: C6225516 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 06/21/1989
Repairman:
Status: Closed 2/1/2005 7:08:03 AM
Address Information
Customer
Received From
Name: DEF DIST DEPOT ANNISTON
Address 1:
Address 2:
PO Box:
City: ANNISTON
State: AL Zip Code: 362014199 Country: US
Return To:
Received From
DEF DIST DEPOT ANNISTON
PO Box:
ANNISTON
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
A017 Scope Base 1
A026 Scope 1
A057 Frt and Rear Sgt Base 1
Repair Search
Refresh
Close
nagletj
2/7/2005
11:05 AM
CAPS
NUM
INS
SCRL
start


Serial Number: C6225516
Model: M24 SWS
RE00092198

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225516.__0
FILE DATE AND TIME: 08/09/2005 10:41

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

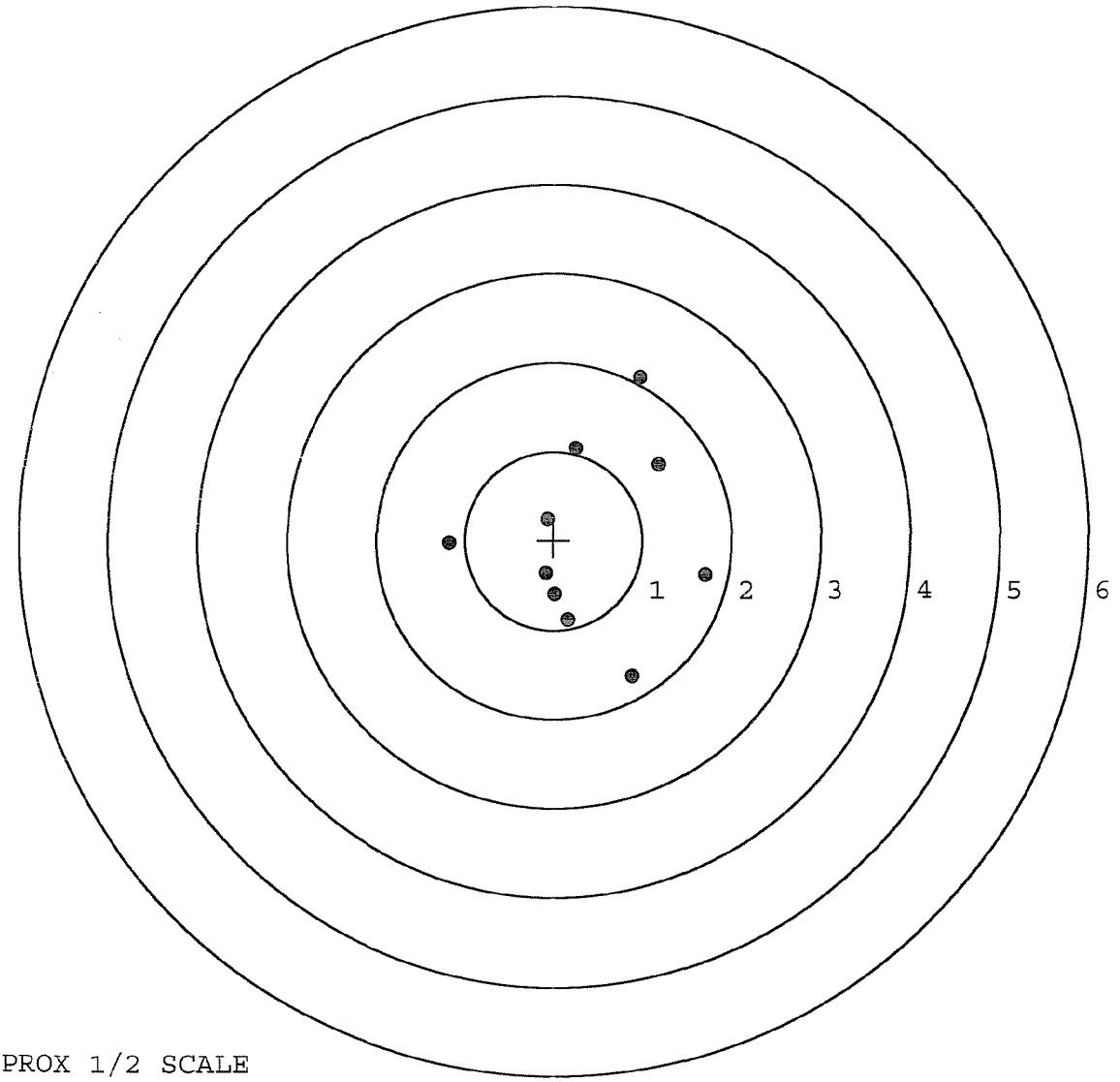
The Average X Centroid of the Five Target Set:	0.008
The Average Y Centroid of the Five Target Set:	0.041
The Average Point of Impact of the Five Target Set:	0.042
The Average Mean Radius of the Five Target Set:	0.826
The Distance from POA to Centroid Target #1:	0.383
The Distance from Centroid Target #2 to Centroid Target #1:	0.438
The Distance from Centroid Target #3 to Centroid Target #1:	0.407
The Distance from Centroid Target #4 to Centroid Target #1:	0.546
The Distance from Centroid Target #5 to Centroid Target #1:	0.656

BARBER - M24 0050430

SERIAL NUMBER: C6225516.__0
TARGET NUMBER: 1
FILE DATE: 08/09/2005
FILE TIME: 10:41

X CENTROID:	0.382
Y CENTROID:	0.018
POA TO CENTROID:	0.383
HORZ SPREAD:	2.879
VERT SPREAD:	3.354
GROUP SPREAD:	3.355
MIN RADIUS:	0.500
MAX RADIUS:	1.914
MEAN RADIUS:	1.141
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	4
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	0.882	-1.515
2:	1.702	-0.380
3:	1.177	0.858
4:	0.970	1.839
5:	0.249	1.035
6:	-0.068	0.235
7:	-0.087	-0.372
8:	0.161	-0.887
9:	0.015	-0.600
10:	-1.177	-0.034

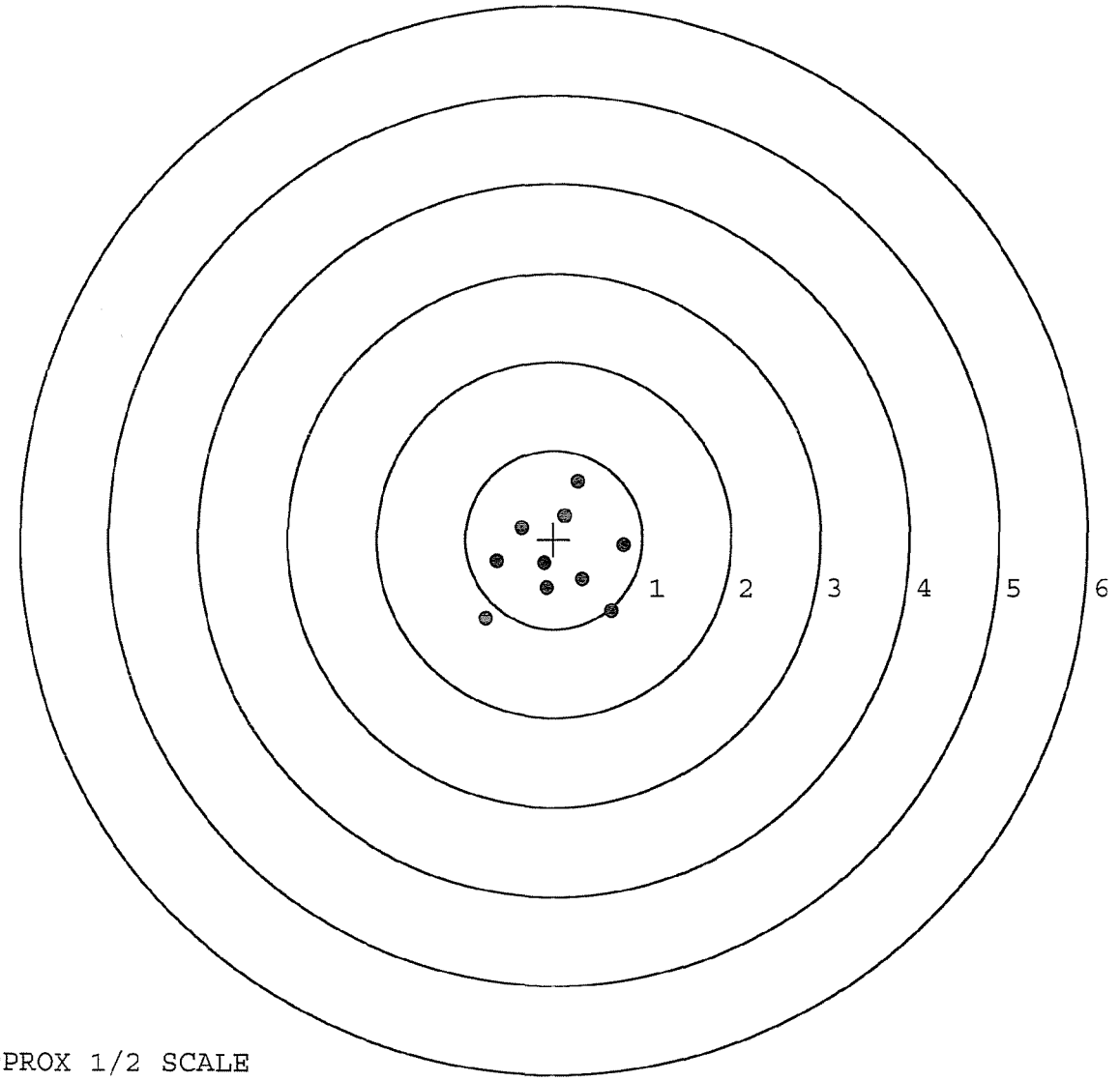


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225516.__0
TARGET NUMBER: 2
FILE DATE: 08/09/2005
FILE TIME: 10:41

X CENTROID:	0.018
Y CENTROID:	-0.226
POA TO CENTROID:	0.227
HORZ SPREAD:	1.560
VERT SPREAD:	1.549
GROUP SPREAD:	1.866
MIN RADIUS:	0.138
MAX RADIUS:	1.034
MEAN RADIUS:	0.613
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.652	-0.803
2:	0.792	-0.072
3:	0.322	-0.453
4:	-0.085	-0.548
5:	-0.113	-0.270
6:	-0.768	-0.898
7:	-0.642	-0.255
8:	-0.369	0.124
9:	0.122	0.261
10:	0.272	0.651

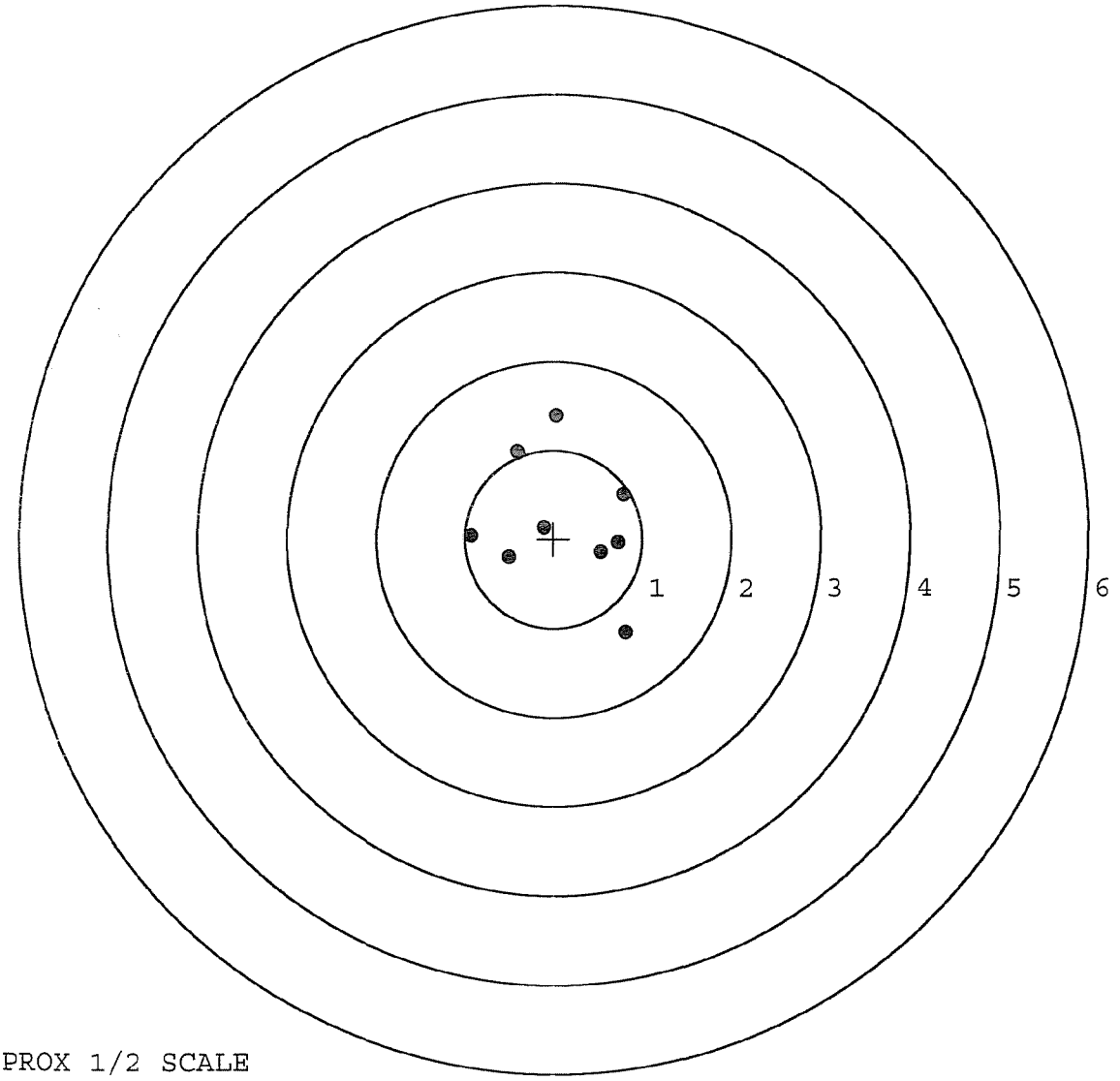


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225516.__0
TARGET NUMBER: 3
FILE DATE: 08/09/2005
FILE TIME: 10:41

X CENTROID:	0.052
Y CENTROID:	0.256
POA TO CENTROID:	0.261
HORZ SPREAD:	1.745
VERT SPREAD:	2.439
GROUP SPREAD:	2.561
MIN RADIUS:	0.212
MAX RADIUS:	1.509
MEAN RADIUS:	0.844
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.813	-1.047
2:	0.531	-0.148
3:	0.728	-0.046
4:	0.787	0.504
5:	-0.120	0.132
6:	-0.402	0.967
7:	-0.410	0.982
8:	0.032	1.392
9:	-0.503	-0.210
10:	-0.932	0.035



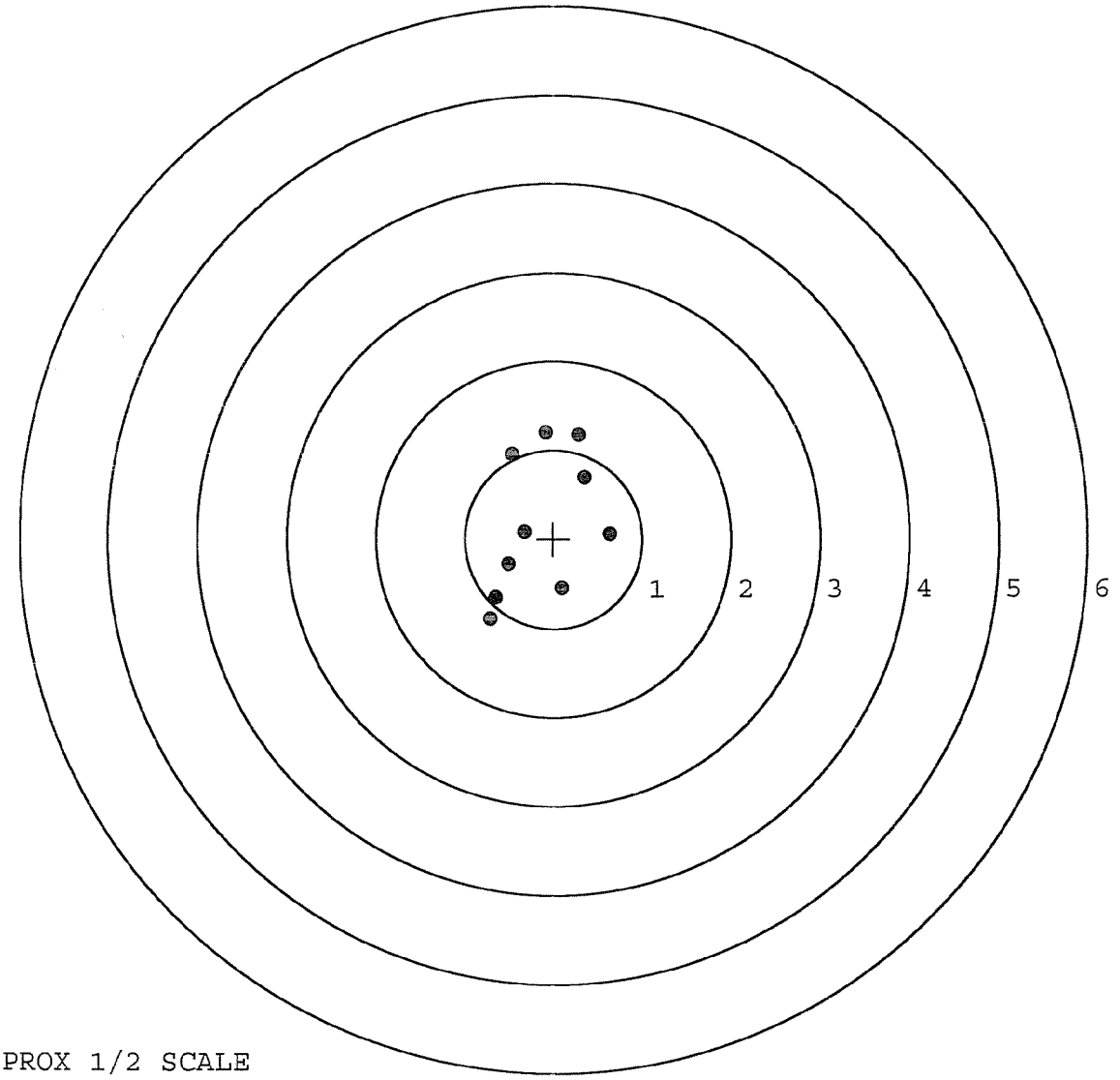
TARGET APPROX 1/2 SCALE

BARBER - M24 0050433

SERIAL NUMBER: C6225516.__0
TARGET NUMBER: 4
FILE DATE: 08/09/2005
FILE TIME: 10:41

X CENTROID:	-0.141
Y CENTROID:	0.176
POA TO CENTROID:	0.225
HORZ SPREAD:	1.355
VERT SPREAD:	2.091
GROUP SPREAD:	2.294
MIN RADIUS:	0.210
MAX RADIUS:	1.215
MEAN RADIUS:	0.820
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.717	-0.894
2:	-0.658	-0.659
3:	-0.511	-0.281
4:	-0.327	0.078
5:	0.098	-0.551
6:	0.638	0.058
7:	0.348	0.689
8:	0.281	1.172
9:	-0.090	1.197
10:	-0.470	0.947

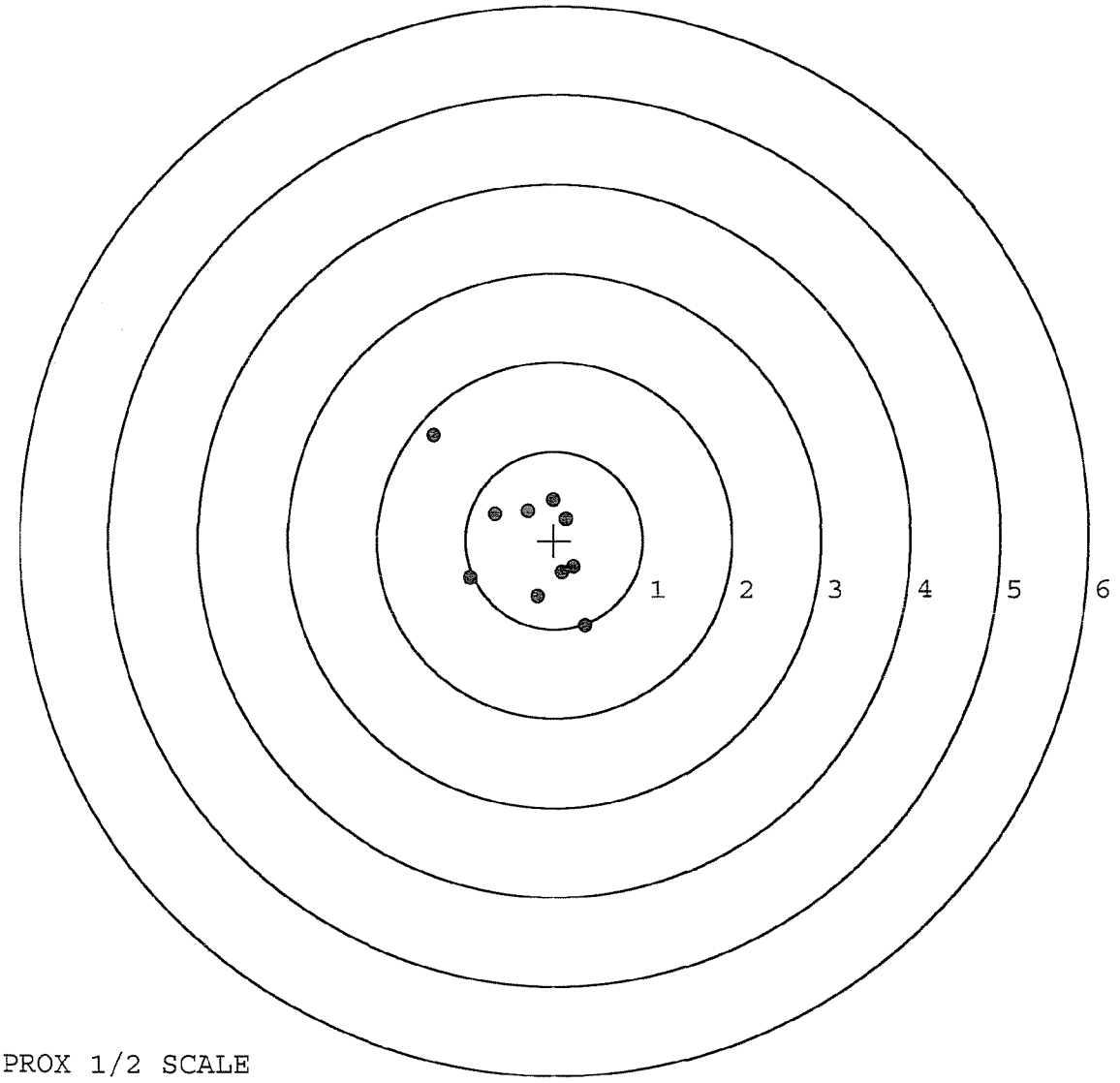


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225516.__0
TARGET NUMBER: 5
FILE DATE: 08/09/2005
FILE TIME: 10:41

X CENTROID:	-0.272
Y CENTROID:	-0.019
POA TO CENTROID:	0.273
HORZ SPREAD:	1.713
VERT SPREAD:	2.144
GROUP SPREAD:	2.744
MIN RADIUS:	0.352
MAX RADIUS:	1.622
MEAN RADIUS:	0.712
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

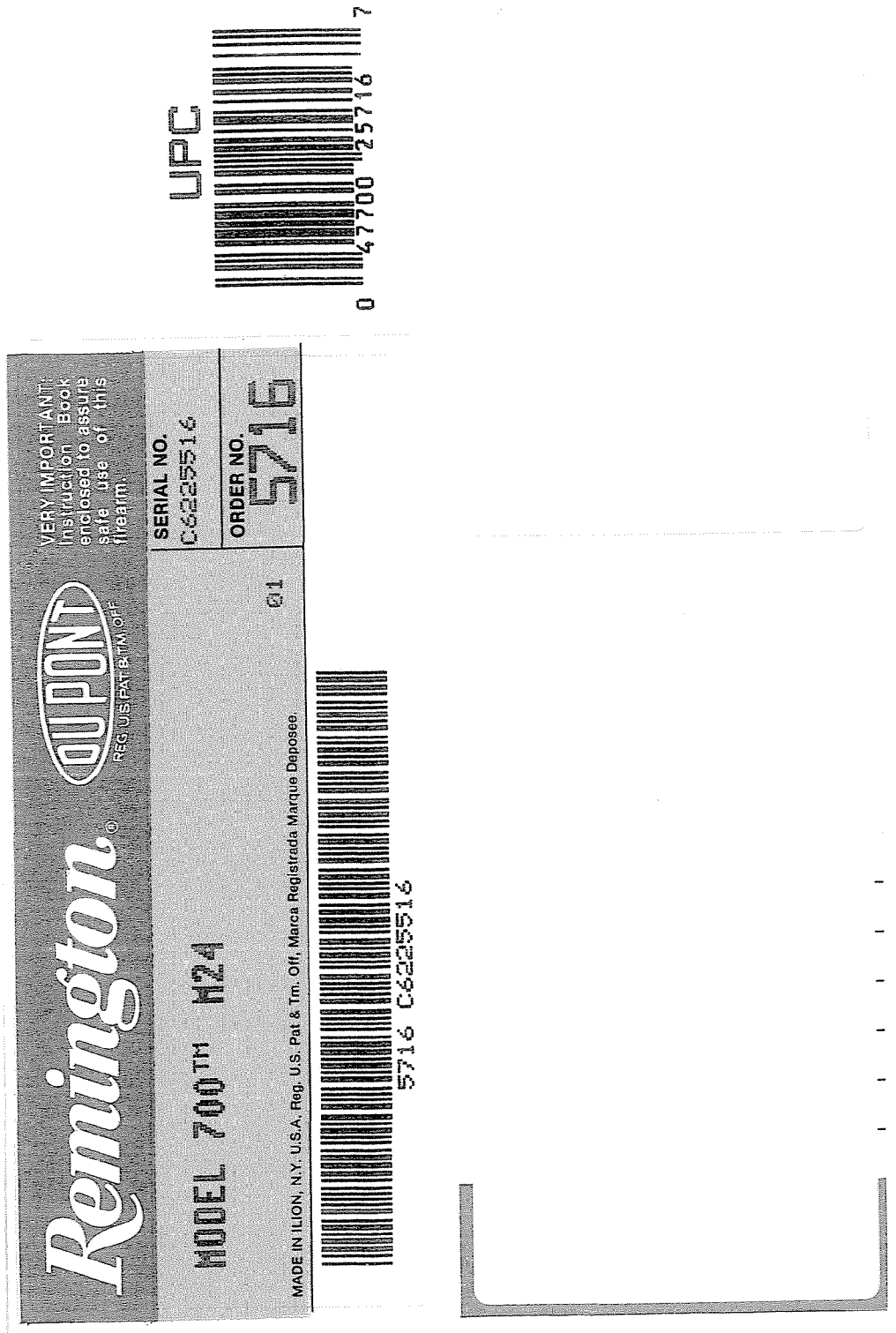
POINT#	X	Y
1:	0.348	-0.965
2:	-0.190	-0.638
3:	0.087	-0.365
4:	0.214	-0.302
5:	-0.948	-0.430
6:	-0.676	0.296
7:	0.132	0.245
8:	-0.018	0.459
9:	-0.306	0.331
10:	-1.365	1.179



TARGET APPROX 1/2 SCALE

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

R.& E NUMBER	92198		
SERIAL NUMBER	C6225516		
LOG-IN DATE	2-1-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6-13-05	RTL
560 A	RE-BARREL	6-20-05	RTL
B	DRILL AND TAP	6-22-05	TRW
575	ASSEMBLE	6-20-05	RTL
600	PROOF	6-22-05	AC
605	CHECK HEADSPACE	6-22-05	AC
610	DIS-ASSEMBLE GUN	6-22-05	RTL
612	MAGNAFLUX	6/23/05	[illegible]
615	ROLLMARK CALIBER	6-23-05	CW
618	ROTO-BLAST	7/7/05	JS
620	APPLY COATINGS	7-8-05	WJ
625 A	FINAL ASSEMBLY	8-2-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	8-15-05	AC
D	SAFETY "OFF" FORCE	8-15-05	AC
E	FIRING PIN INDENT	8-15-05	AC
640	TARGET	8-9-05	TRW
655	FINAL INSPECT	8-15-05	AC
660	PACK	9-14-05	[illegible]
		SHIP DATE	
	QAR INSPECTION DATE		


Remington.
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700TM M24
SERIAL NO.
C6225516
ORDER NO.
5716
01
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
5716 C6225516
UPC
0 47700 25716 7

M-24

Scope 0033

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225516

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12	89	RW
600	Proof	4 12	89	RW
607	Check Headspace	4 12	89	RW
610	Dis-assemble Gun	4 12	89	RW
612	Magnaflux Barrel Action		4/13/89	KCR
	Magnaflux Bolt		4/14/89	KCR
615	Rollmark Caliber		4/15/89	GS
617	Drill and Tap Sight Holes	4 14	89	JB
618	Polish Barrel RB	4 14	89	BT
620	Apply Coatings (Barrel Action)		4-20-89	TR
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/1/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/89	RW
	C) Inspect Ejector Hole for Chamfer		5/1/89	RW
	D) Oil Firing Pin Ass'y		5/1/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/3/89	WB

op. #	OPR. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5/3/89	JL
	G) Safety Off Force	3	3	3			5/3/89	JL
	H) Trigger Pull Test & Retainability						5/3/89	WB
	I) Firing Pin Indent	.020	.020	.020			5/3/89	JL
	J) Assemble Stock						5/4/89	RW
	K) Assemble Swivel Studs						15May89	GS
	L) Attach Front and Rear Sight Assemblies						5/4/89	RW
	M) Iron Sight Alignment						5/4/89	RW
	N) Detach Front & Rear Sights & place in numbered container						5/4/89	RW
	O) Attach Scope to Rifle						5/4/89	JL
	P) Detach & Attach Scope 20 Times						5/4/89	JL
640	Gallery Target & Test	63R	86L				5/4/89	DH
	A) Time						5/4/89	DH
	B) Malfunctions						5/4/89	DH
	C) Pierced Primers						5/4/89	DH
	D) Optical Clearity of Scope						5/4/89	DH
645	Inspect for Live Ammo						5/4/89	DH
655	Final Inspection A) Headspace						15May89	GS
	B) Trigger Pull	2.60	2.60	2.75	2.62	2.75	15May89	GS
	C) Function						15May89	GS
660	Pack						21Jun89	GS

SWS TRIGGER PULL TEST

5516
~~C627513~~

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

SERIAL NO. _____

DATE 5/3/89

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.26	2.09	253	MIN. SETTING,
PULL #2	2.35	2.15	2.06	256	NO AVG. OF 5
PULL #3	2.37	2.25	2.20	242	READINGS ACCEPT-
PULL #4	2.38	2.37	2.12	225	ABLE LESS THAN 2#
PULL #5	2.12	2.37	2.14	252	
TOTAL	11.58	11.40	10.61	1228	
AVG.	2.31	2.28	2.12	2456	

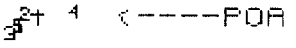
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	3.18		
PULL #2	3.29	3.14		
PULL #3	3.27	3.14		
PULL #4	3.30	3.13		
PULL #5	3.29	3.08		
TOTAL	16.39	15.67		
AVG.	3.28	3.13		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.12	3.97		4.27
PULL #2	4.06	3.85		4.18
PULL #3	3.99	3.83		4.14
PULL #4	4.01	3.95		4.17
PULL #5	4.04	3.93		4.12
TOTAL	20.22	19.53		20.88
AVG.	4.04	3.91		4.17

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225516
4 May 1989

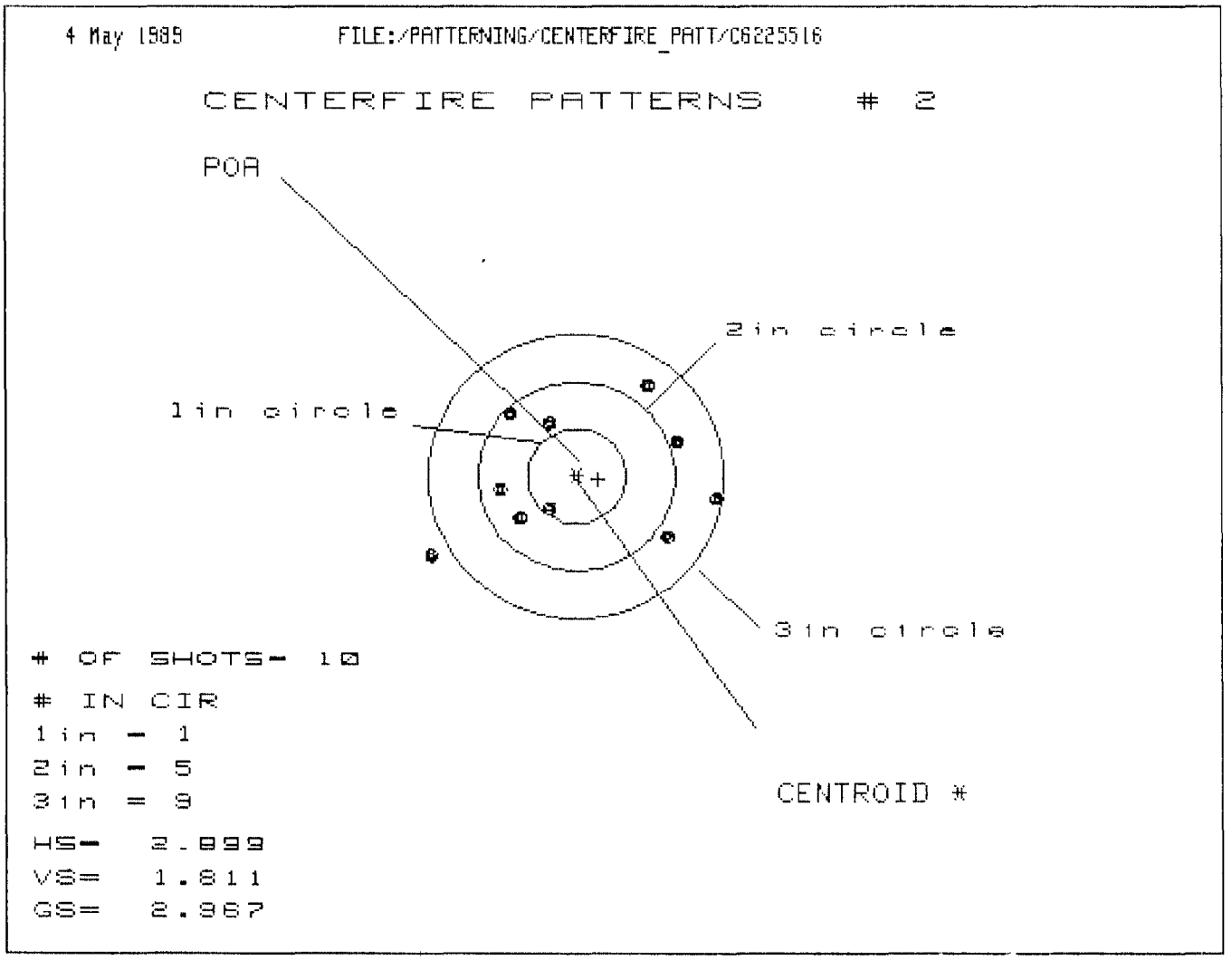
CENTROIDAL DISTANCES

0	TO	1	.360544
1	TO	2	.216123
1	TO	3	.237794
1	TO	4	1.02525
1	TO	5	.0342345

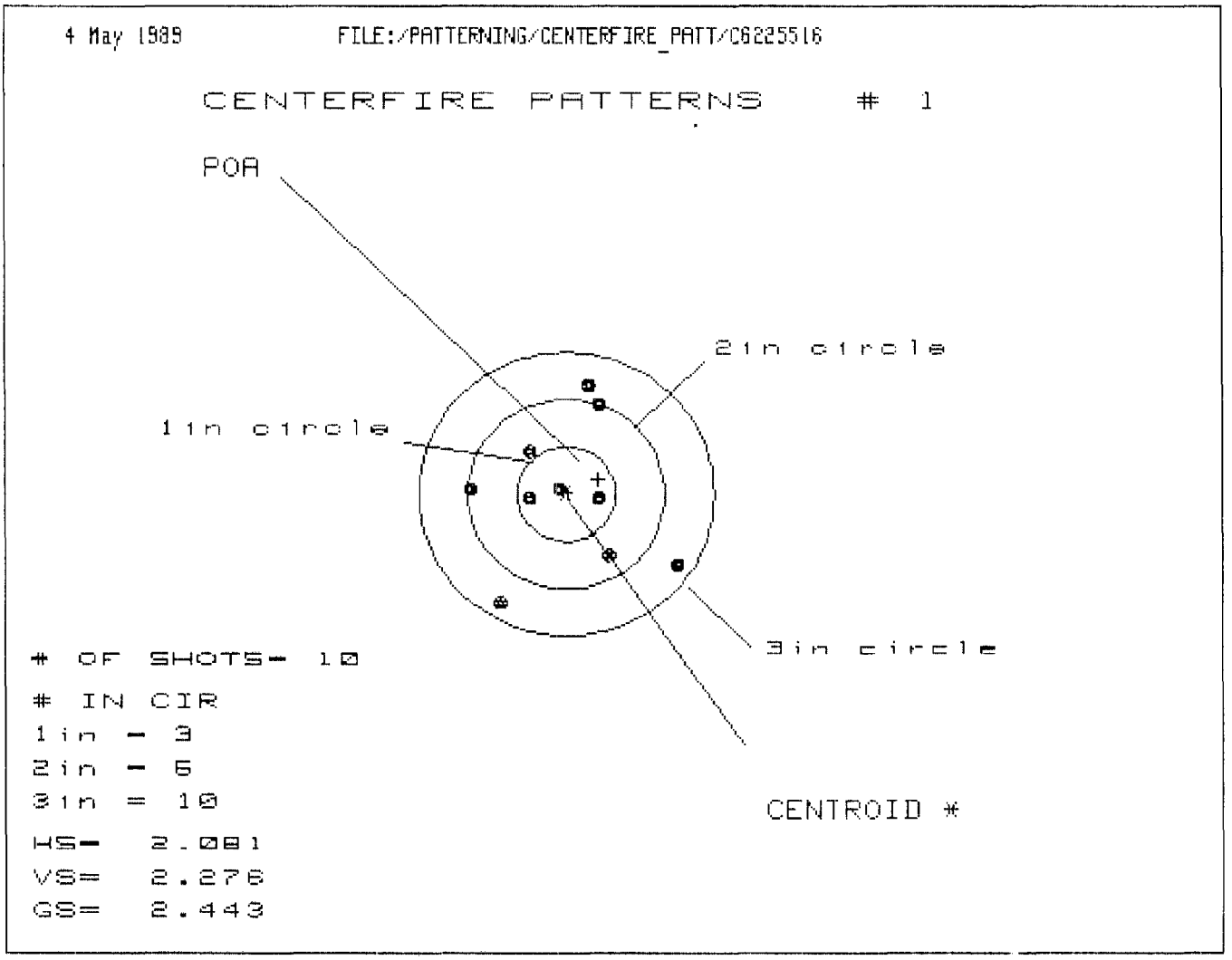


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1478
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1012
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .179126

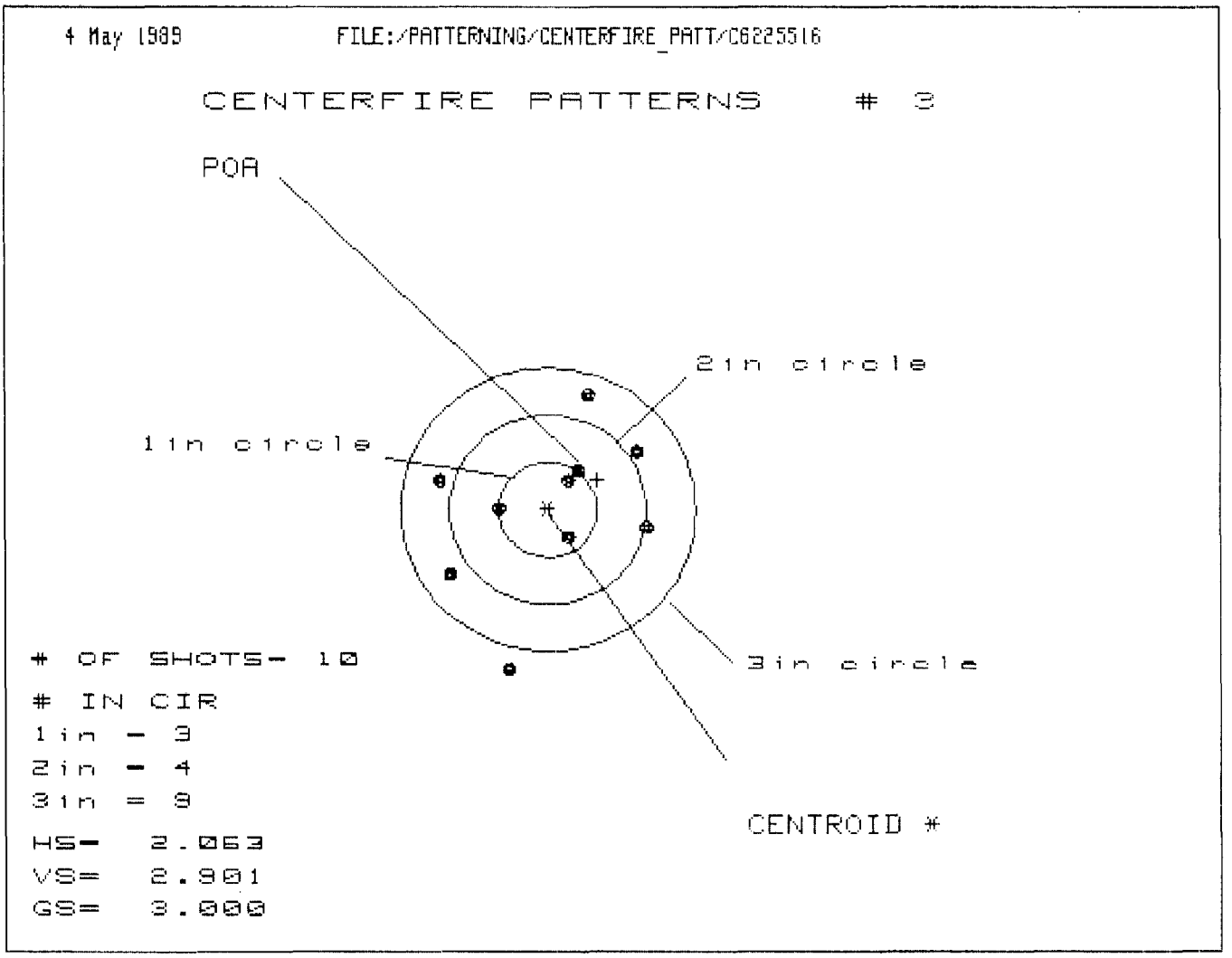
THE AMR FOR THIS RIFLE IS: .8414



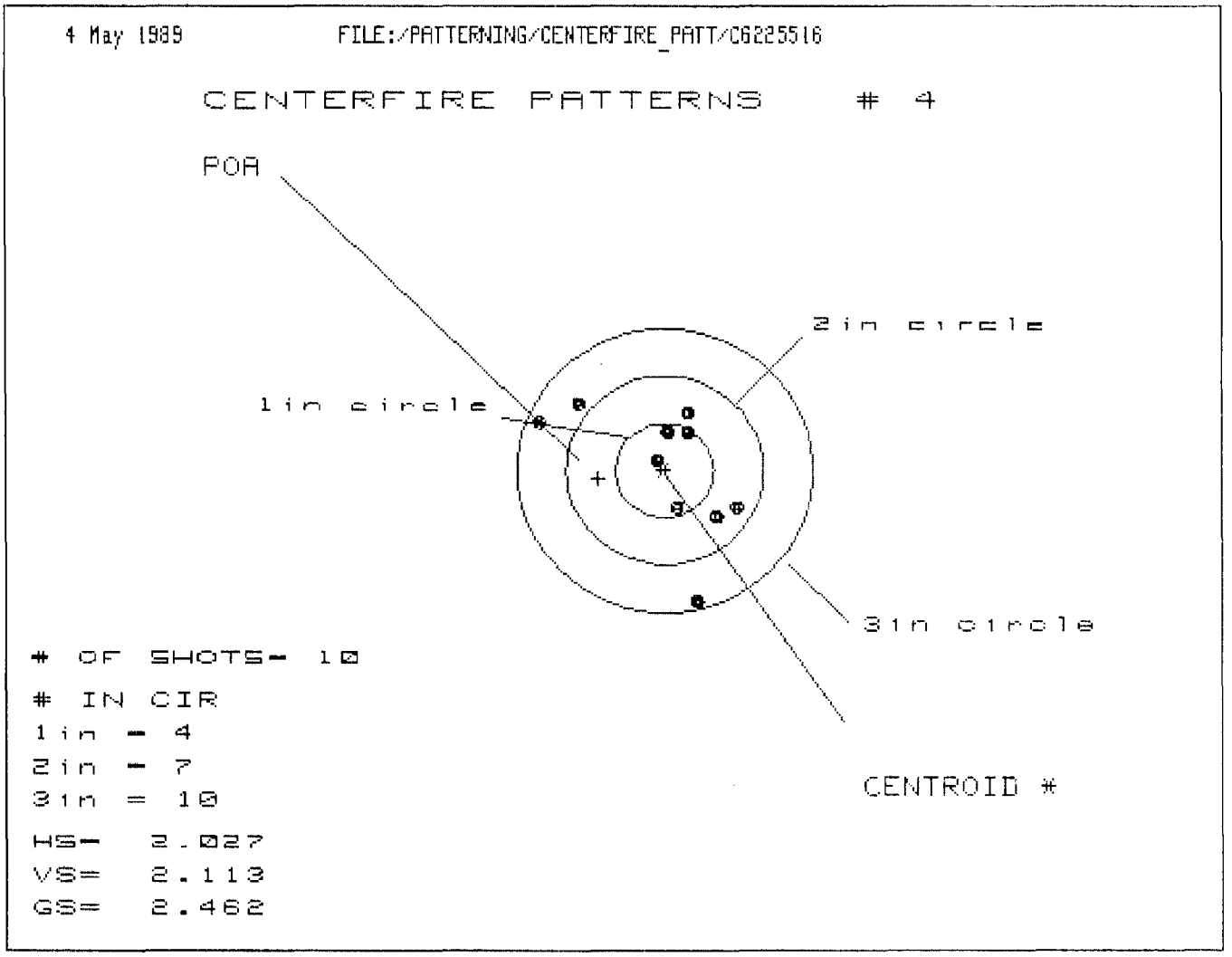
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.391	1.224	1.050
MINIMUM X	:	-1.508	-.935	-.782
MAXIMUM Y	:	.967	.873	.835
MINIMUM Y	:	-.844	-.686	-.724
CENTROID X	:	-.223	-.056	-.209
CENTROID Y	:	.036	.130	.168
POA TO CENTROID in.	:	.226	.141	.268
MIN RADIUS	:	.444	.625	.544
MEAN RADIUS	:	1.002	.928	.858
MAX RADIUS	:	1.728	1.261	1.132
HORIZONTAL SPREAD	:	2.899	2.159	1.832
VERTICAL SPREAD	:	1.811	1.559	1.559
EXTREME SPREAD	:	2.967	2.189	1.945
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		



PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.096	.562	.498
MINIMUM X	:	-.985	-.864	-.928
MAXIMUM Y	:	1.171	1.094	.946
MINIMUM Y	:	-1.105	-1.182	-.874
CENTROID X	:	-.326	-.447	-.383
CENTROID Y	:	-.154	-.077	.071
POA TO CENTROID in.	:	.360	.454	.390
MIN RADIUS	:	.044	.101	.205
MEAN RADIUS	:	.793	.729	.666
MAX RADIUS	:	1.300	1.289	1.006
HORIZONTAL SPREAD	:	2.081	1.426	1.426
VERTICAL SPREAD	:	2.276	2.276	1.820
EXTREME SPREAD	:	2.443	2.443	1.830
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



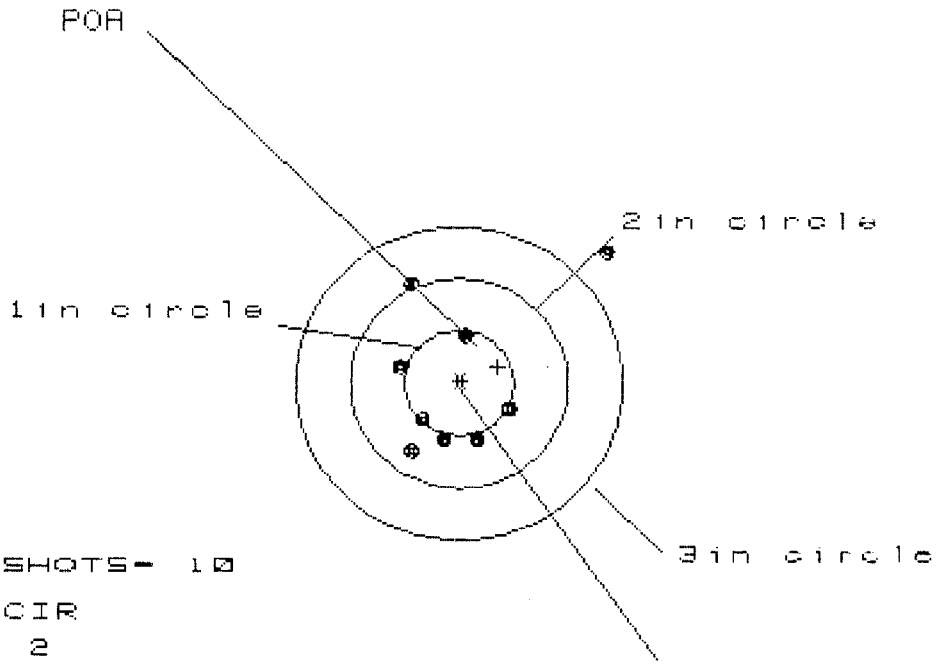
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.004	.959	.999
MINIMUM X	:	-1.059	-1.104	-1.064
MAXIMUM Y	:	1.173	.981	.550
MINIMUM Y	:	-1.728	-.833	-.710
CENTROID X	:	-.501	-.456	-.496
CENTROID Y	:	-.315	-.123	-.246
POA TO CENTROID in.	:	.592	.472	.553
MIN RADIUS	:	.323	.218	.314
MEAN RADIUS	:	.913	.787	.760
MAX RADIUS	:	1.775	1.364	1.260
HORIZONTAL SPREAD	:	2.063	2.063	2.063
VERTICAL SPREAD	:	2.901	1.814	1.260
EXTREME SPREAD	:	3.000	2.290	2.290
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.761	.800	.646
MINIMUM X	:	-1.266	-1.227	-.990
MAXIMUM Y	:	.724	.569	.608
MINIMUM Y	:	-1.389	-.627	-.588
CENTROID X	:	.671	.632	.786
CENTROID Y	:	.085	.239	.200
POA TO CENTROID in.	:	.676	.676	.811
MIN RADIUS	:	.118	.092	.207
MEAN RADIUS	:	.749	.652	.563
MAX RADIUS	:	1.433	1.267	1.162
HORIZONTAL SPREAD	:	2.027	2.027	1.636
VERTICAL SPREAD	:	2.113	1.196	1.196
EXTREME SPREAD	:	2.462	2.202	1.980
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

4 May 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6225516

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 2
2in = 8
3in = 9

HS= 1.989
VS= 1.861
GS= 2.655

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.409	.658	.619
MINIMUM X	:	-.581	-.424	-.463
MAXIMUM Y	:	1.258	1.073	.742
MINIMUM Y	:	-.603	-.463	-.329
CENTROID X	:	-.360	-.517	-.478
CENTROID Y	:	-.158	-.298	-.432
POA TO CENTROID in.	:	.394	.597	.644
MIN RADIUS	:	.471	.288	.224
MEAN RADIUS	:	.750	.567	.455
MAX RADIUS	:	1.889	1.117	.762
HORIZONTAL SPREAD	:	1.989	1.082	1.082
VERTICAL SPREAD	:	1.861	1.536	1.071
EXTREME SPREAD	:	2.655	1.646	1.199
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	9		