C6523516

MODEL 700™ M24

Model SWS™

Action

Barrel Length

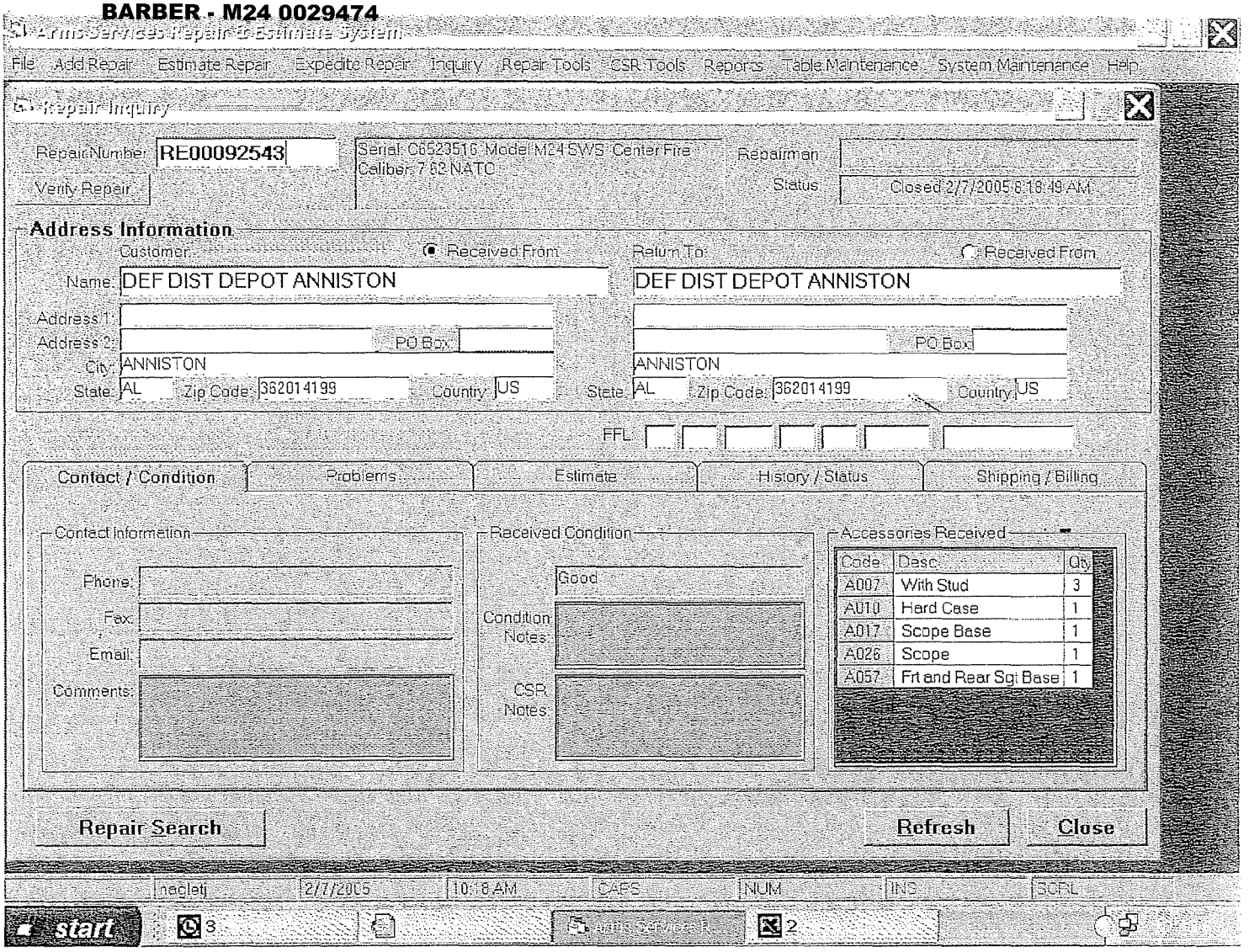
Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Smead®


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: RE00092543
Verify Repair
Serial: C6523516 Model: M24 SWS Center Fire Caliber: 7.62 NATO
Repairman:
Status: Closed 2/7/2005 8:18:49 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
A010 Hard Case 1
A017 Scope Base 1
A026 Scope 1
A057 Frt and Rear Sgt Base 1
Repair Search
Refresh
Close
2/7/2005
10:18 AM
CAPS
NUM
INS
SCRL
start


Serial Number:
C6523516
Model: M24 SWS
RE00092543

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523516.__0
FILE DATE AND TIME: 04/13/2005 03:47

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

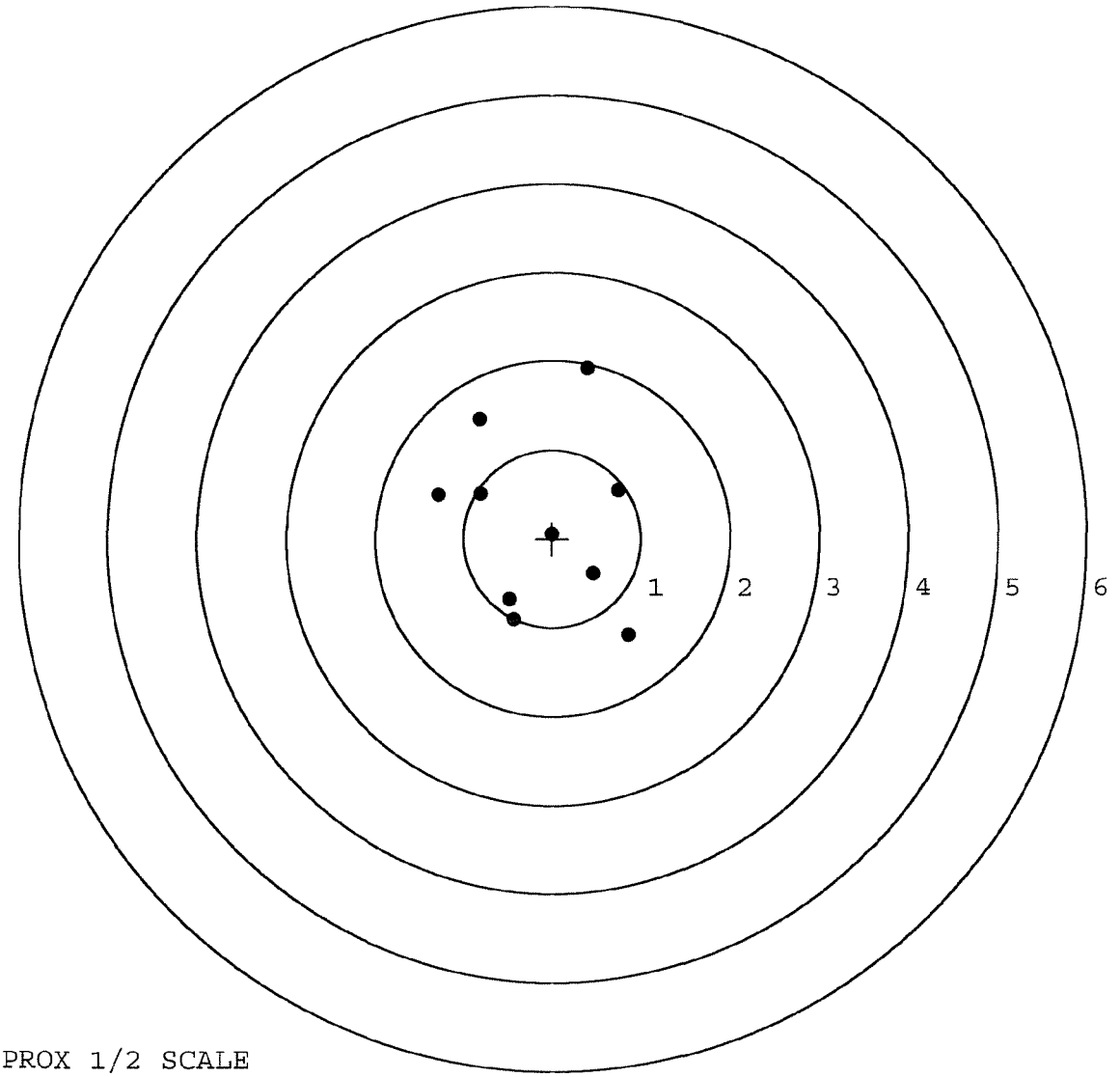
The Average X Centroid of the Five Target Set:	-0.085
The Average Y Centroid of the Five Target Set:	-0.127
The Average Point of Impact of the Five Target Set:	0.153
The Average Mean Radius of the Five Target Set:	0.906
The Distance from POA to Centroid Target #1:	0.223
The Distance from Centroid Target #2 to Centroid Target #1:	0.312
The Distance from Centroid Target #3 to Centroid Target #1:	0.387
The Distance from Centroid Target #4 to Centroid Target #1:	0.467
The Distance from Centroid Target #5 to Centroid Target #1:	0.482

BARBER - M24 0029476

SERIAL NUMBER: C6523516.__0
TARGET NUMBER: 1
FILE DATE: 04/13/2005
FILE TIME: 03:47

X CENTROID:	-0.138
Y CENTROID:	0.175
POA TO CENTROID:	0.223
HORZ SPREAD:	2.148
VERT SPREAD:	3.000
GROUP SPREAD:	3.035
MIN RADIUS:	0.181
MAX RADIUS:	1.818
MEAN RADIUS:	1.076
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.859	-1.088
2:	0.466	-0.396
3:	0.750	0.540
4:	-0.004	0.053
5:	-0.486	-0.690
6:	-0.437	-0.919
7:	-0.811	0.504
8:	-1.289	0.493
9:	-0.823	1.343
10:	0.398	1.912



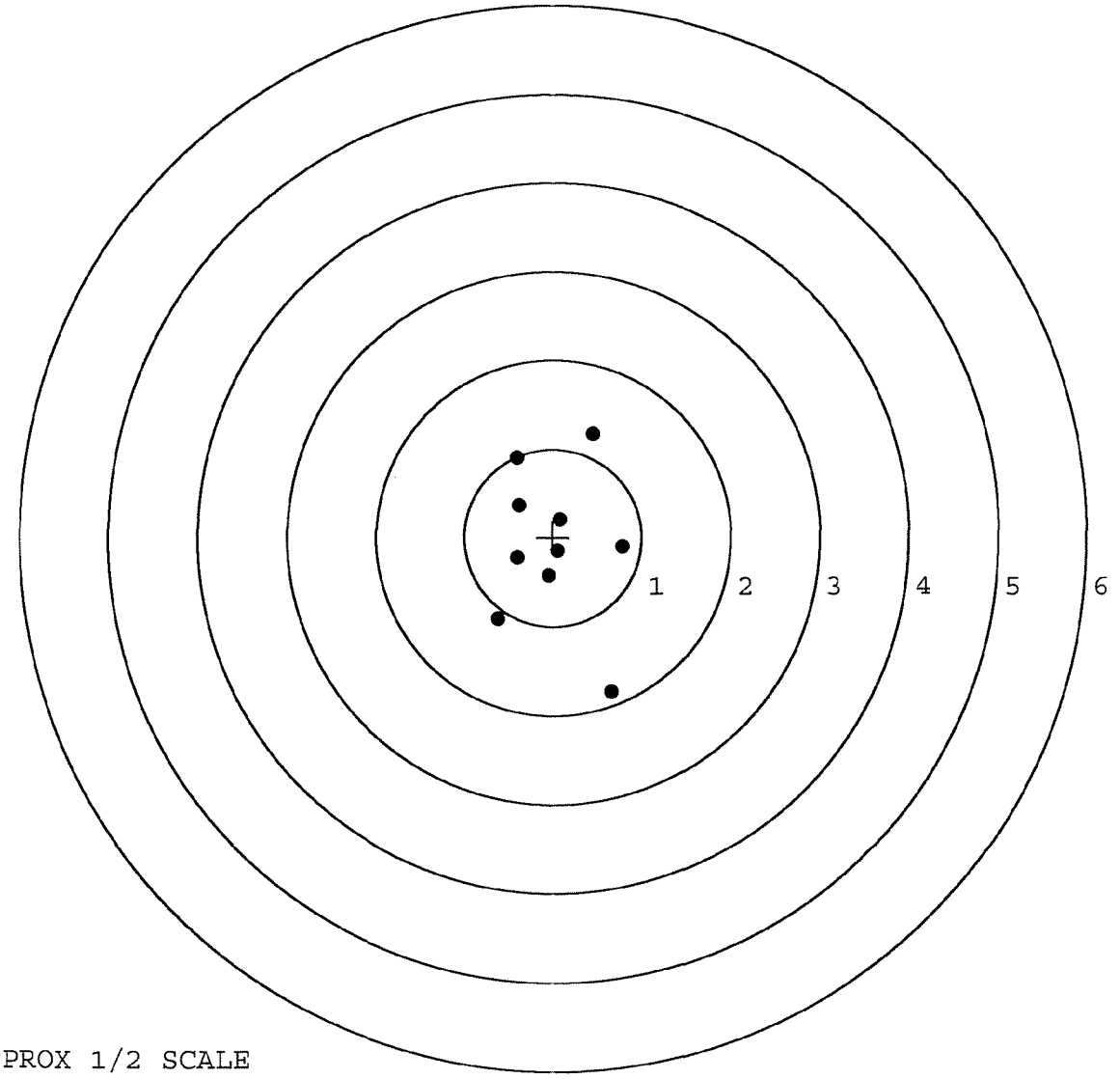
TARGET APPROX 1/2 SCALE

BARBER - M24 0029477

SERIAL NUMBER: C6523516.__0
TARGET NUMBER: 2
FILE DATE: 04/13/2005
FILE TIME: 03:47

X CENTROID:	0.016
Y CENTROID:	-0.096
POA TO CENTROID:	0.097
HORZ SPREAD:	1.409
VERT SPREAD:	2.902
GROUP SPREAD:	2.910
MIN RADIUS:	0.071
MAX RADIUS:	1.760
MEAN RADIUS:	0.777
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.658	-1.734
2:	0.785	-0.113
3:	0.448	1.168
4:	-0.401	0.903
5:	-0.388	0.365
6:	0.086	0.204
7:	0.055	-0.155
8:	-0.053	-0.436
9:	-0.401	-0.235
10:	-0.624	-0.922

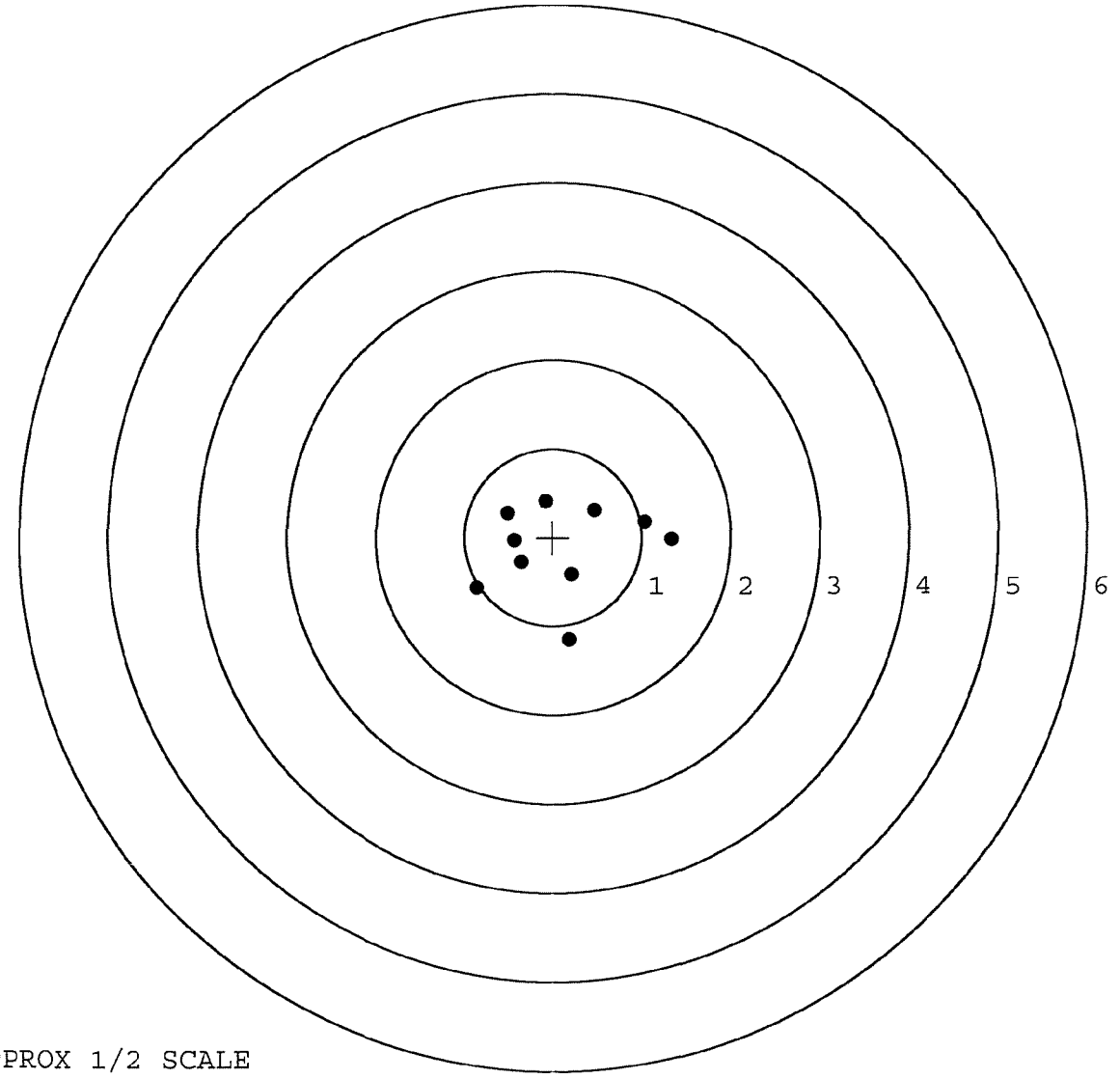


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523516.__0
TARGET NUMBER: 3
FILE DATE: 04/13/2005
FILE TIME: 03:47

X CENTROID:	0.096
Y CENTROID:	-0.134
POA TO CENTROID:	0.164
HORZ SPREAD:	2.195
VERT SPREAD:	1.574
GROUP SPREAD:	2.264
MIN RADIUS:	0.308
MAX RADIUS:	1.243
MEAN RADIUS:	0.754
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.334	-0.024
2:	1.039	0.177
3:	0.185	-1.166
4:	0.208	-0.420
5:	0.460	0.312
6:	-0.093	0.408
7:	-0.357	-0.283
8:	-0.861	-0.578
9:	-0.438	-0.036
10:	-0.520	0.275



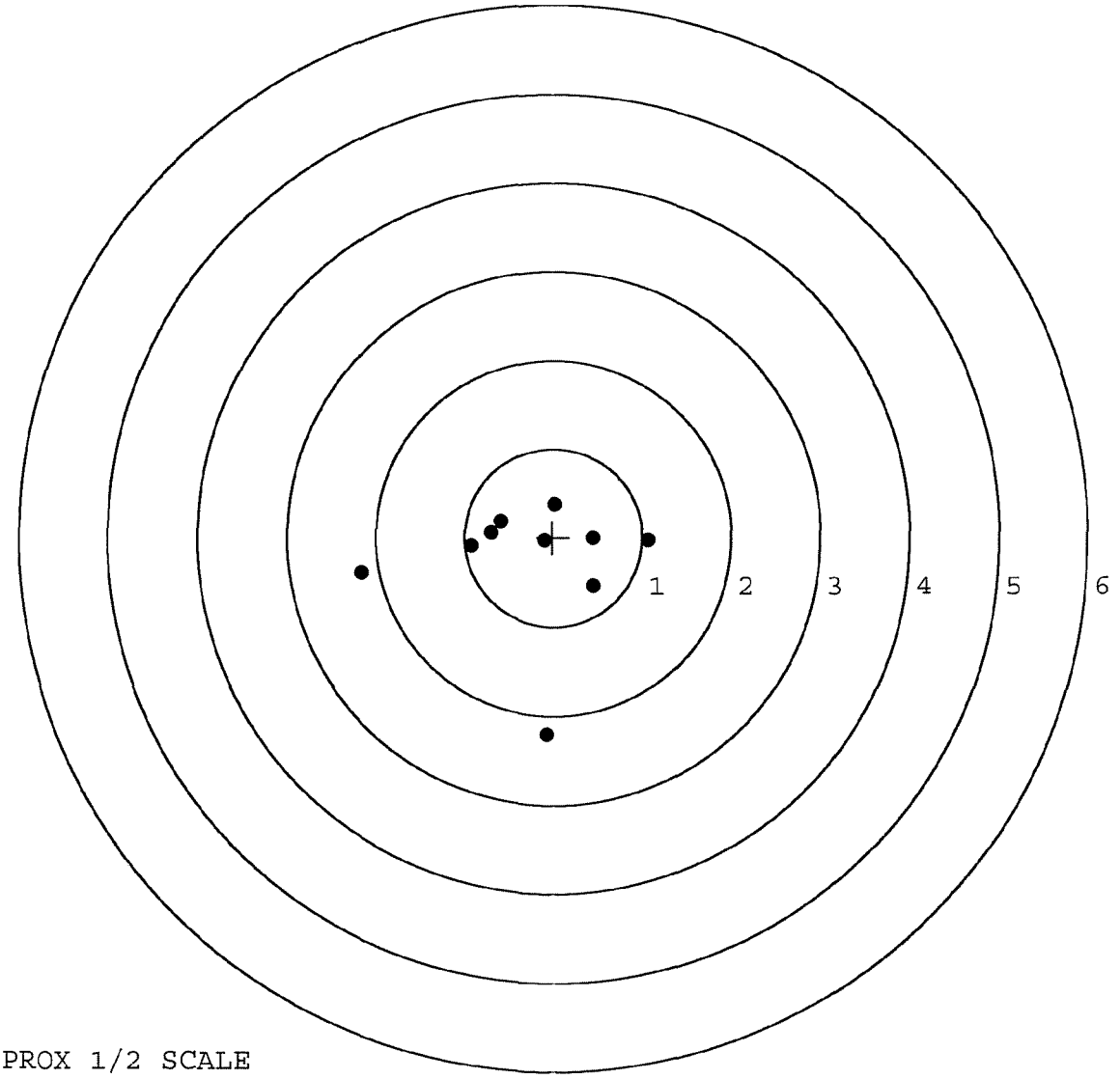
TARGET APPROX 1/2 SCALE

BARBER - M24 0029479

SERIAL NUMBER: C6523516.__0
TARGET NUMBER: 4
FILE DATE: 04/13/2005
FILE TIME: 03:47

X CENTROID:	-0.257
Y CENTROID:	-0.276
POA TO CENTROID:	0.378
HORZ SPREAD:	3.237
VERT SPREAD:	2.585
GROUP SPREAD:	2.769
MIN RADIUS:	0.290
MAX RADIUS:	1.950
MEAN RADIUS:	0.953
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.077	-2.218
2:	0.449	-0.551
3:	1.071	-0.037
4:	0.451	-0.013
5:	0.018	0.367
6:	-0.095	-0.036
7:	-0.597	0.180
8:	-0.706	0.047
9:	-0.923	-0.101
10:	-2.166	-0.400

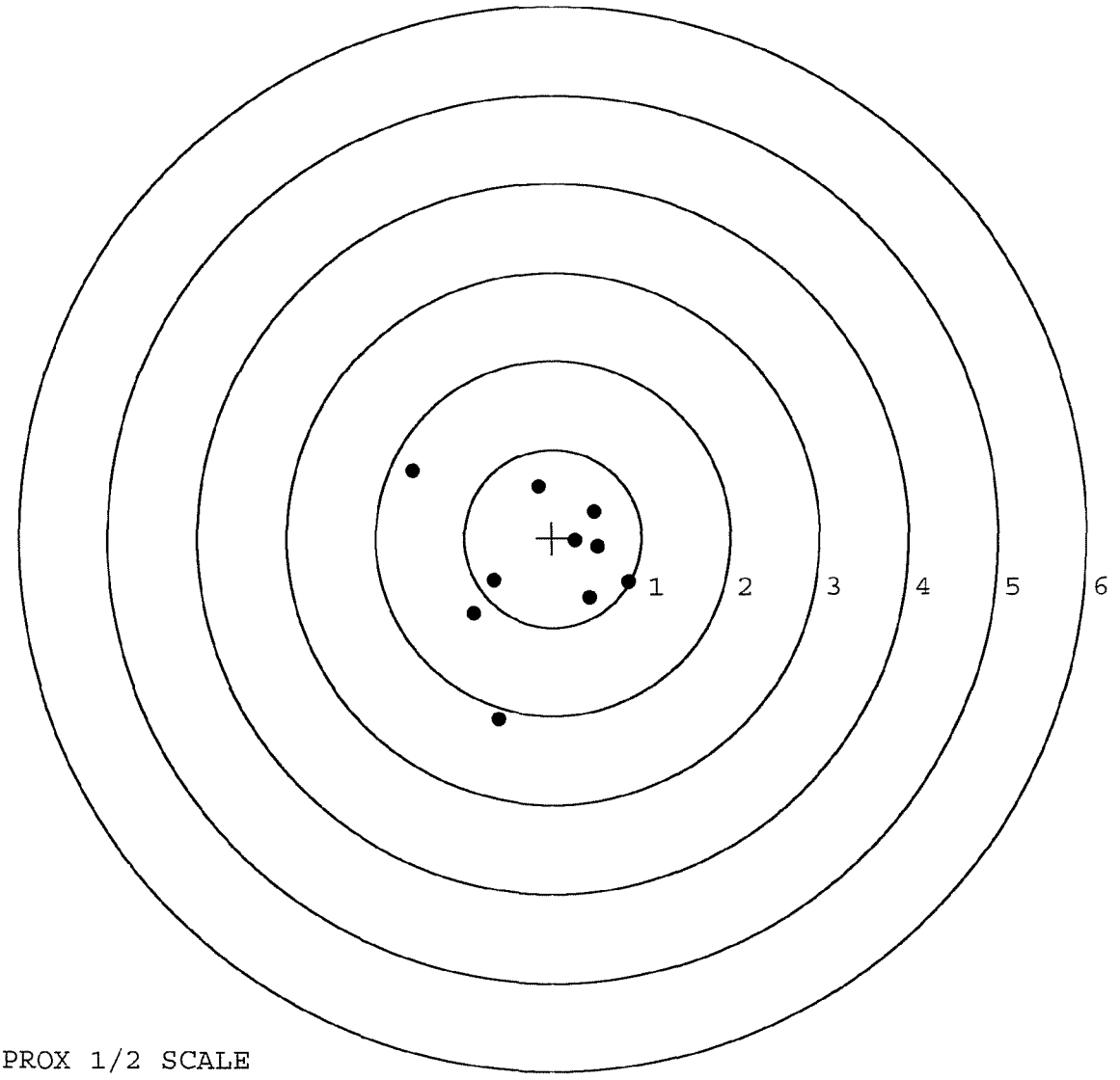


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523516.__0
TARGET NUMBER: 5
FILE DATE: 04/13/2005
FILE TIME: 03:47

X CENTROID:	-0.140
Y CENTROID:	-0.306
POA TO CENTROID:	0.337
HORZ SPREAD:	2.444
VERT SPREAD:	2.805
GROUP SPREAD:	2.971
MIN RADIUS:	0.484
MAX RADIUS:	1.805
MEAN RADIUS:	0.968
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	8

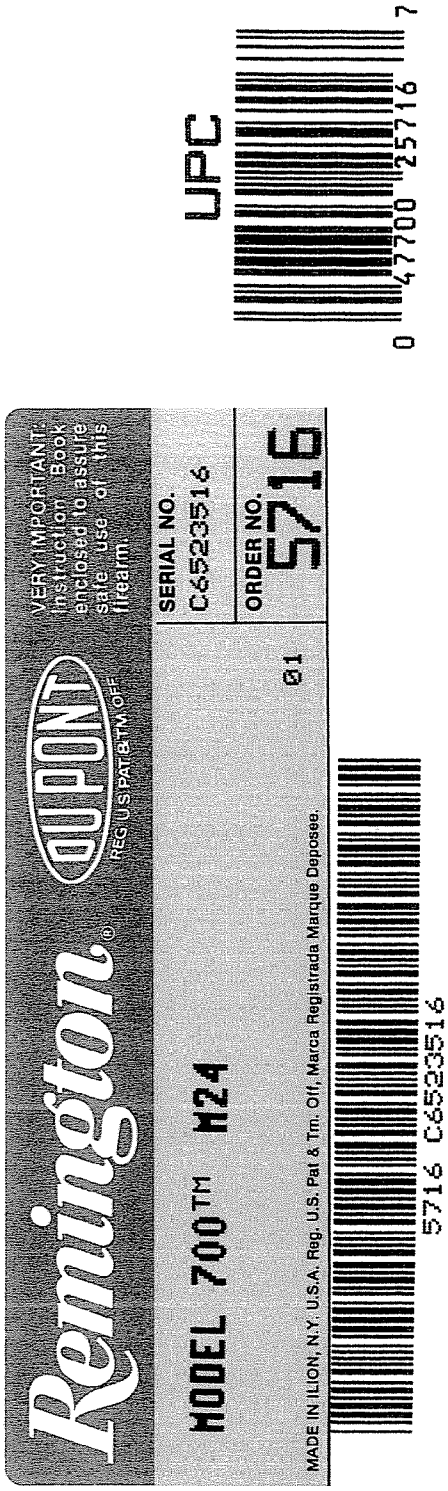
POINT#	X	Y
1:	-0.608	-2.050
2:	-0.897	-0.854
3:	-0.665	-0.484
4:	-0.162	0.580
5:	-1.586	0.755
6:	0.466	0.295
7:	0.513	-0.106
8:	0.258	-0.031
9:	0.858	-0.498
10:	0.420	-0.670



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92543		
SERIAL NUMBER	CL0523516		
LOG-IN DATE	[redacted] 2-7-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-14-05	RTL
560 A	RE-BARREL	3-17-05	RTL
B	DRILL AND TAP	3-21-05	TRW
575	ASSEMBLE	3-18-05	RTL
600	PROOF	3-21-05	AC
605	CHECK HEADSPACE	3-21-05	AC
610	DIS-ASSEMBLE GUN	3-21-05	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	3-23-05	CW
618	ROTO-BLAST	3/29	
620	APPLY COATINGS	4/5	
625 A	FINAL ASSEMBLY	4-12-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	4-14-05	AC
D	SAFETY "OFF" FORCE	4-14-05	AC
E	FIRING PIN INDENT	4-14-05	AC
640	TARGET	4-13-05	TRW
655	FINAL INSPECT	4-14-05	AC
660	PACK	4-21-05	DA
		SHIP DATE	
	QAR INSPECTION DATE		


UPC
0 47700 25716 7
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.
C6523516
ORDER NO.
5716
01
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off., Marca Registrada Marque Deposee.
5716 C6523516

H 3,2

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523516

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/2/90	KA
600	Proof		10/2/90	KA
607	Check Headspace		10/2/90	KA
610	Dis-assemble Gun		10/2/90	KA
612	Magnaflux Barrel Action		10/5/90	KR
	Magnaflux Bolt		10/5/90	KR
615	Rollmark Caliber		10/5/90	DS
617	Drill and Tap Sight Holes		10/8/90	EB
618	Polish Barrel RB		10/9/90	WB
620	Apply Coatings (Barrel Action)		10-20-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/21/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/21/90	WB
	C) Inspect Ejector Hole for Chamfer		10/21/90	WB
	D) Oil Firing Pin Ass'y		10/21/90	WB
	E) Adjust Trigger Pull to Min Setting and Stake		10/25/90	DS

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4 1/4	4 1/4	4 1/4	10/26/90	WB
	G) Safety Off Force	7 1/4	7 1/4	7 1/4	10/26/90	WB
	H) Trigger Pull Test & Retainability				10/25/90	DH
	I) Firing Pin Indent	.0122	.0215	.0215	10/26/90	WB
	J) Assemble Stock				10/26/90	KA
	K) Assemble Swivel Studs				11-20-90	GS
	L) Attach Front and Rear Sight Assemblies				10/26/90	KA
	M) Iron Sight Alignment				10/26/90	KA
	N) Detach Front & Rear Sights & place in numbered container				10/26/90	KA
	O) Attach Scope to Rifle				10/26/90	KA
	P) Detach & Attach Scope 20 Times				10/26/90	KA
640	Gallery Target & Test				10-27-90	KT
	A) Time				10-27-90	KT
	B) Malfunctions				10-27-90	KT
	C) Pierced Primers				10-27-90	KT
	D) Optical Clearity of Scope				10-27-90	KT
645	Inspect for Live Ammo				10-27-90	KT
655	Final Inspection A) Headspace				11-20-90	GS
	B) Trigger Pull	280	282	290 274 274	11-20-90	GS
	C) Function				11-20-90	GS
660	Pack				11-8-90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO C6523576
DATE 10/25/90
TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.22	2.45	2.27	2.80	MIN. SETTING,
PULL #2	2.43	2.51	2.31	2.82	NO AVG. OF 5
PULL #3	2.45	2.22	2.30	2.90	READINGS ACCEPT-
PULL #4	2.39	2.37	2.28	2.74	ABLE LESS THAN 2#
PULL #5	2.51	2.49	2.29	2.74	
TOTAL	12.00	12.04	11.45		
AVG.	2.4	2.408	2.29		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.50		
PULL #2	3.44	3.32		
PULL #3	3.40	3.53		
PULL #4	3.36	3.51		
PULL #5	3.49	3.44		
TOTAL	16.9	17.3		
AVG.	3.38	3.46		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.12	4.33		4.26
PULL #2	4.18	4.11		4.31
PULL #3	4.41	4.26		4.35
PULL #4	4.18	4.05		4.27
PULL #5	4.34	4.20		4.10
TOTAL	21.23	20.95		21.29
AVG.	4.246	4.19		4.258

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523516
27 Oct 1990

CENTROIDAL DISTANCES

0	TO	1	.243742
1	TO	2	.334527
1	TO	3	.268939
1	TO	4	.322281
1	TO	5	.366749

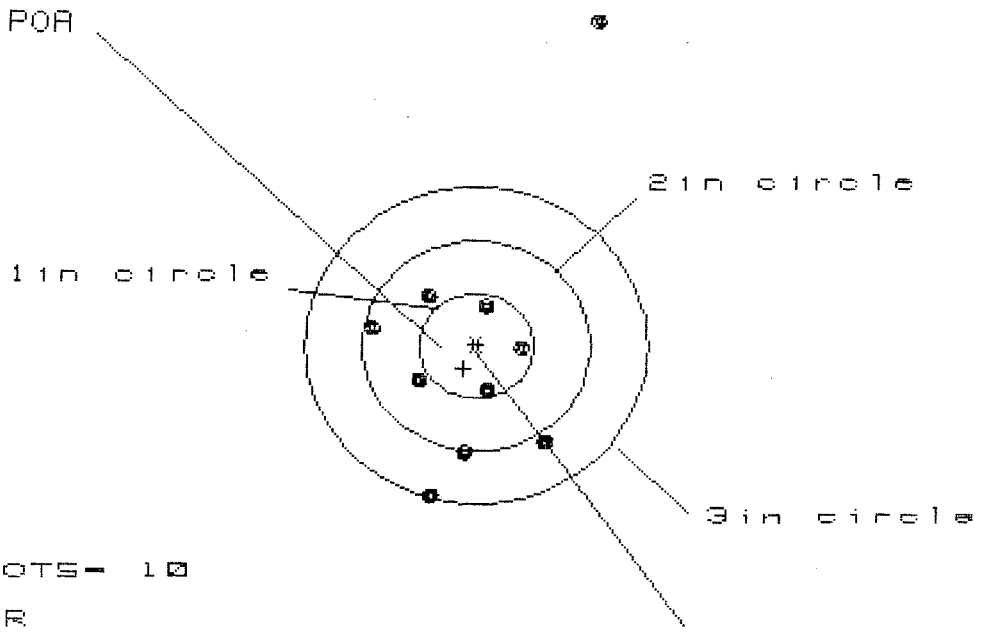
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0322
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0042
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0324728

THE AMR FOR THIS RIFLE IS: .9818

27 Oct 1998 FILE:/PATTERNING/CENTERFIRE_PATT/CG523516

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

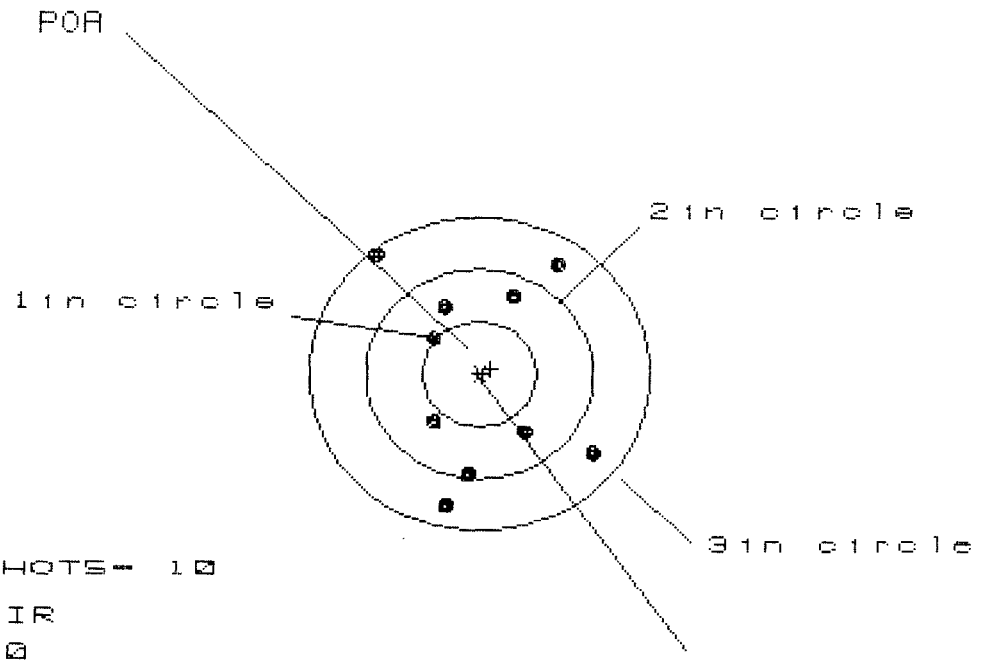
# IN CIR
1in = 3
2in = 7
3in = 9

HS= 1.978
VS= 4.512
GS= 4.750

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.112	.674	.643
MINIMUM X	:	-.866	-.743	-.774
MAXIMUM Y	:	3.063	.777	.639
MINIMUM Y	:	-1.449	-1.109	-.794
CENTROID X	:	.111	-.012	.019
CENTROID Y	:	.217	-.123	.015
POA TO CENTROID in.	:	.244	.124	.024
MIN RADIUS	:	.428	.267	.318
MEAN RADIUS	:	1.026	.728	.666
MAX RADIUS	:	3.259	1.136	.977
HORIZONTAL SPREAD	:	1.978	1.417	1.417
VERTICAL SPREAD	:	4.512	1.886	1.433
EXTREME SPREAD	:	4.750	1.930	1.785
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Oct 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6523516

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

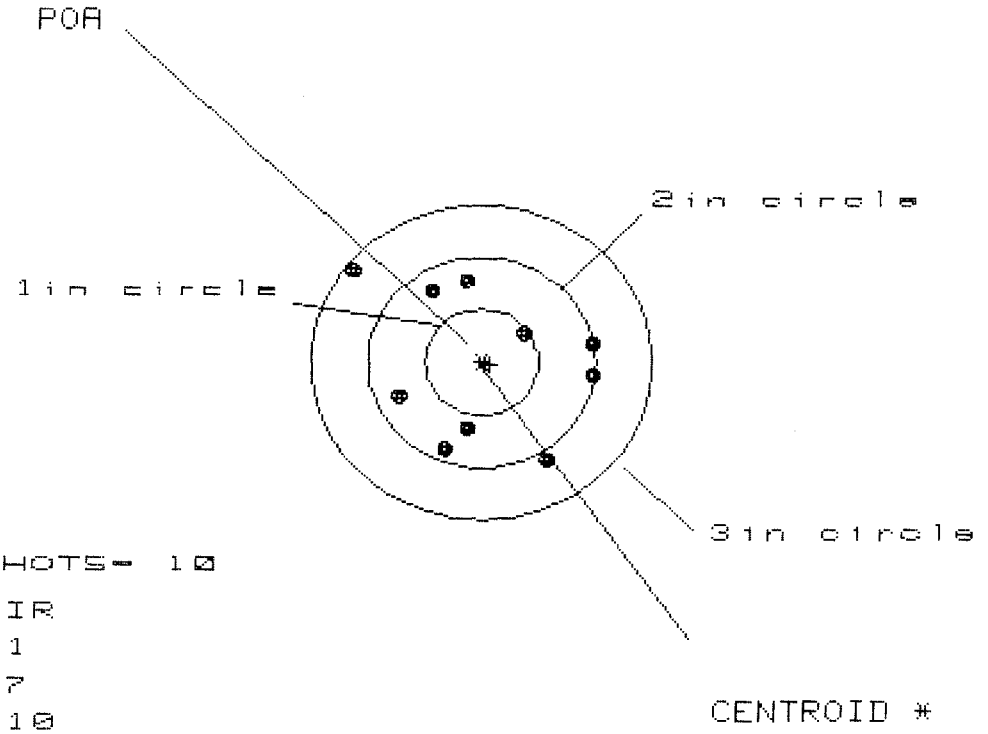
# IN CIR
1in = 0
2in = 6
3in = 10

HS= 1.934
VS= 2.442
GS= 2.719

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.016	.914	.863
MINIMUM X	:	-.918	-.468	-.519
MAXIMUM Y	:	1.156	1.162	1.017
MINIMUM Y	:	-1.286	-1.158	-.927
CENTROID X	:	-.097	.005	.056
CENTROID Y	:	-.045	-.173	-.028
POA TO CENTROID in.	:	.106	.173	.063
MIN RADIUS	:	.528	.511	.619
MEAN RADIUS	:	.953	.888	.843
MAX RADIUS	:	1.476	1.298	1.158
HORIZONTAL SPREAD	:	1.934	1.382	1.382
VERTICAL SPREAD	:	2.442	2.320	1.944
EXTREME SPREAD	:	2.719	2.520	2.087
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

27 Oct 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6523516

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

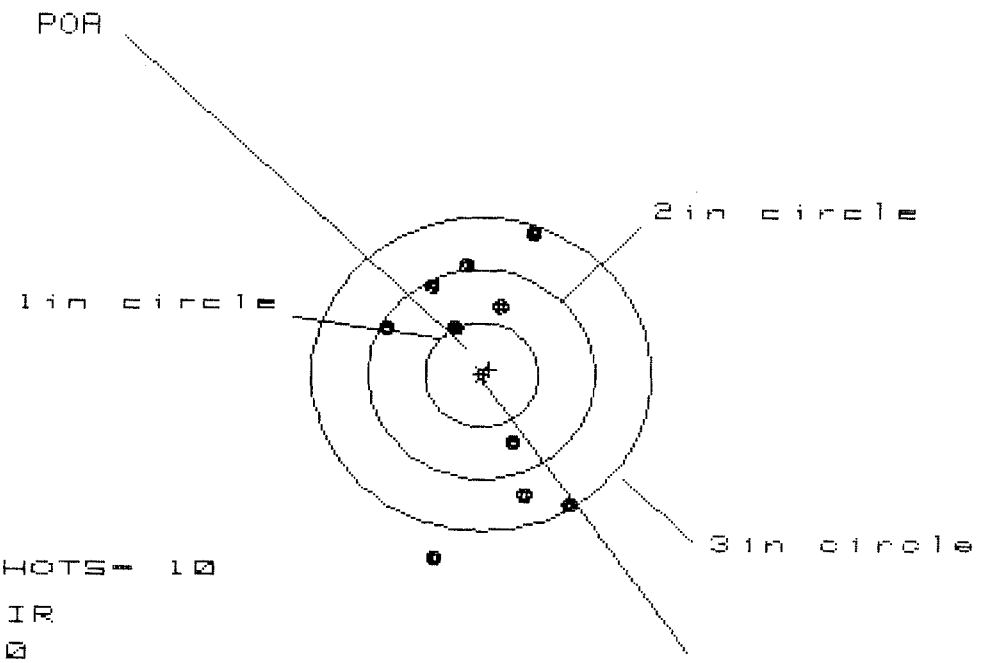
# IN CIR
1in = 1
2in = 7
3in = 10

HS= 2.149
VS= 1.713
GS= 2.420

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.003	.876	.931
MINIMUM X	:	-1.146	-.840	-.785
MAXIMUM Y	:	.840	.888	.790
MINIMUM Y	:	-.873	-.780	-.816
CENTROID X	:	-.071	.056	.001
CENTROID Y	:	.019	-.074	.024
POA TO CENTROID in.	:	.074	.093	.024
MIN RADIUS	:	.434	.423	.378
MEAN RADIUS	:	.869	.795	.775
MAX RADIUS	:	1.420	.932	.953
HORIZONTAL SPREAD	:	2.149	1.716	1.716
VERTICAL SPREAD	:	1.713	1.668	1.606
EXTREME SPREAD	:	2.420	1.816	1.809
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

27 Oct 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6523516

CENTERFIRE PATTERNS # 4

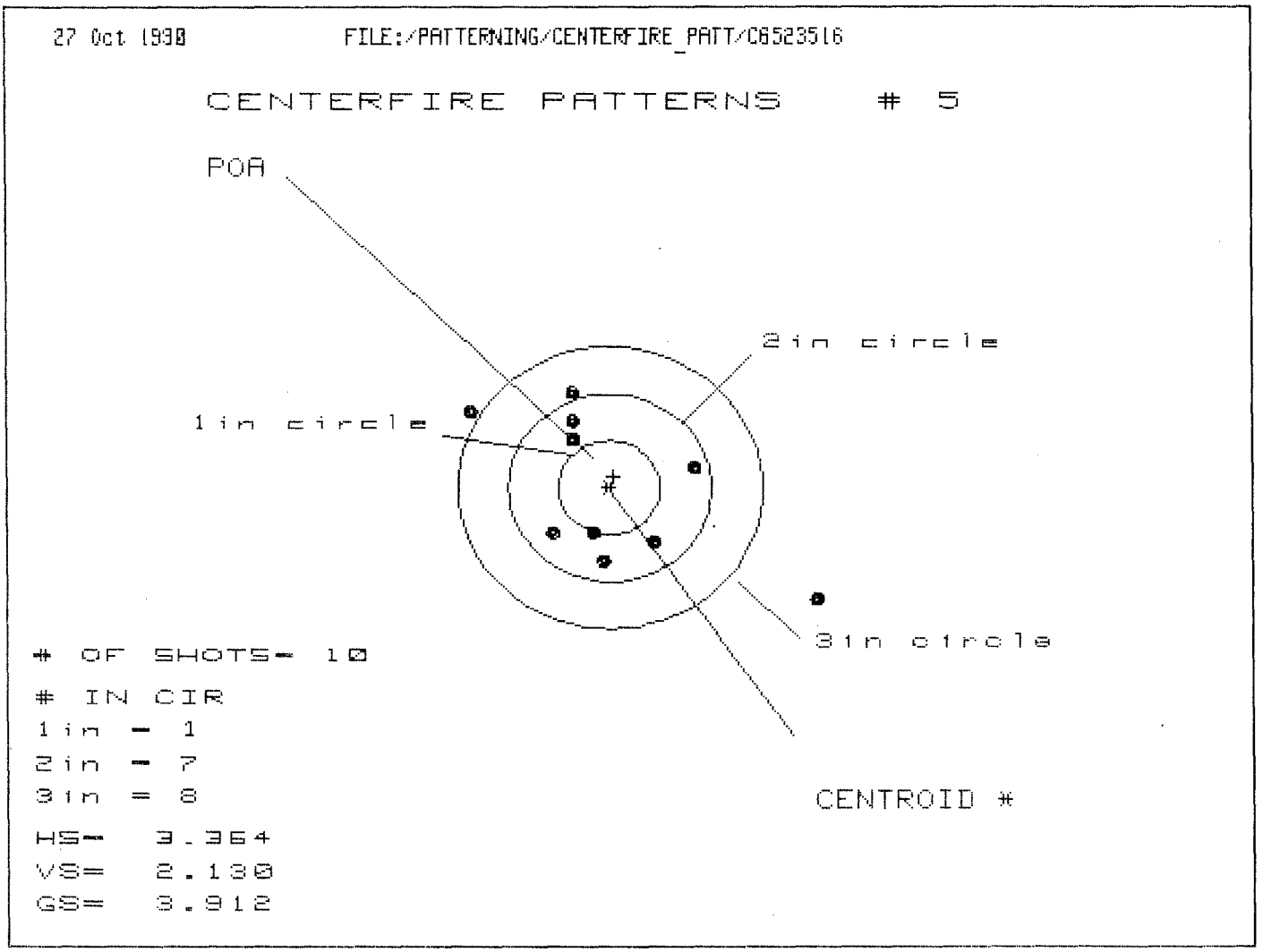


OF SHOTS= 10

# IN CIR	
1in =	0
2in =	5
3in =	9

HS= 1.644
VS= 3.076
GS= 3.202

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.803	.755	.502
MINIMUM X	:	-.841	-.889	-.795
MAXIMUM Y	:	1.372	1.183	1.006
MINIMUM Y	:	-1.704	-1.410	-1.466
CENTROID X	:	-.068	-.020	-.114
CENTROID Y	:	-.051	.138	.315
POA TO CENTROID in.	:	.085	.140	.335
MIN RADIUS	:	.505	.370	.183
MEAN RADIUS	:	1.060	.939	.787
MAX RADIUS	:	1.758	1.600	1.522
HORIZONTAL SPREAD	:	1.644	1.644	1.297
VERTICAL SPREAD	:	3.076	2.593	2.472
EXTREME SPREAD	:	3.202	2.616	2.474
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.005	1.083	.941
MINIMUM X	:	-1.359	-1.136	-.478
MAXIMUM Y	:	.988	.861	.952
MINIMUM Y	:	-1.142	-.871	-.780
CENTROID X	:	-.036	-.259	-.117
CENTROID Y	:	-.119	.008	-.083
POA TO CENTROID in.	:	.124	.259	.143
MIN RADIUS	:	.476	.444	.485
MEAN RADIUS	:	1.001	.831	.757
MAX RADIUS	:	2.308	1.349	.997
HORIZONTAL SPREAD	:	3.364	2.219	1.419
VERTICAL SPREAD	:	2.130	1.732	1.732
EXTREME SPREAD	:	3.912	2.316	1.762
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	